

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077389.D
 Acq On : 20 Apr 2023 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 02:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	507703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	962007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	879642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	391361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	337307	48.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.220%		
35) Dibromofluoromethane	8.172	113	310096	50.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.700%		
50) Toluene-d8	10.566	98	1194731	48.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.854	95	422933	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	335440	51.765	ug/l	99
3) Chloromethane	2.372	50	303230	37.760	ug/l	94
4) Vinyl Chloride	2.525	62	431170	39.601	ug/l	96
5) Bromomethane	2.948	94	349675	44.300	ug/l	96
6) Chloroethane	3.125	64	304987	39.251	ug/l	99
7) Trichlorofluoromethane	3.507	101	532190	56.372	ug/l	95
8) Diethyl Ether	3.966	74	198504	50.177	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	320468	55.467	ug/l	97
10) Methyl Iodide	4.601	142	407477	57.991	ug/l	92
11) Tert butyl alcohol	5.525	59	245184	173.165	ug/l	97
12) 1,1-Dichloroethene	4.348	96	311785	52.424	ug/l	89
13) Acrolein	4.190	56	228461	170.367	ug/l	94
14) Allyl chloride	5.031	41	370725	41.272	ug/l	89
15) Acrylonitrile	5.725	53	678410	216.730	ug/l	99
16) Acetone	4.431	43	666304	260.436	ug/l	99
17) Carbon Disulfide	4.719	76	796325	49.653	ug/l	97
18) Methyl Acetate	5.031	43	433496	44.489	ug/l	95
19) Methyl tert-butyl Ether	5.801	73	1072159	50.806	ug/l	94
20) Methylene Chloride	5.284	84	358360	49.597	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	359467	55.202	ug/l	97
22) Diisopropyl ether	6.678	45	876980	48.698	ug/l	96
23) Vinyl Acetate	6.607	43	2772561	227.699	ug/l	98
24) 1,1-Dichloroethane	6.572	63	594876	51.155	ug/l	98
25) 2-Butanone	7.483	43	895299	215.618	ug/l	97
26) 2,2-Dichloropropane	7.495	77	602529	56.504	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	428848	53.929	ug/l	98
28) Bromochloromethane	7.819	49	211764	45.270	ug/l	90
29) Tetrahydrofuran	7.842	42	539145	201.990	ug/l	94
30) Chloroform	7.972	83	684030	55.159	ug/l	99
31) Cyclohexane	8.260	56	518369	48.076	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	628787	55.752	ug/l	97
36) 1,1-Dichloropropene	8.377	75	504128	55.347	ug/l	97
37) Ethyl Acetate	7.566	43	353513	43.379	ug/l	98
38) Carbon Tetrachloride	8.366	117	542452	58.129	ug/l	95
39) Methylcyclohexane	9.601	83	685044	55.776	ug/l	96
40) Benzene	8.613	78	1495068	52.624	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	183521	41.895	ug/l	93
42) 1,2-Dichloroethane	8.672	62	481317	55.046	ug/l	99
43) Isopropyl Acetate	8.689	43	650843	43.281	ug/l	96
44) Trichloroethene	9.354	130	391509	57.593	ug/l	98
45) 1,2-Dichloropropane	9.624	63	359985	53.352	ug/l	93
46) Dibromomethane	9.713	93	272499	53.603	ug/l	97
47) Bromodichloromethane	9.889	83	551382	54.264	ug/l	93
48) Methyl methacrylate	9.683	41	292233	45.556	ug/l	97
49) 1,4-Dioxane	9.695	88	126843	815.578	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1846718	212.461	ug/l	98
52) Toluene	10.630	92	1031038	55.445	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	602272	54.584	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	646014	54.966	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	393343	53.885	ug/l	97
56) Ethyl methacrylate	10.877	69	571018	50.222	ug/l	96
57) 1,3-Dichloropropane	11.166	76	652450	54.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	830746	245.452	ug/l	95
59) 2-Hexanone	11.195	43	1390707	214.762	ug/l	98
60) Dibromochloromethane	11.360	129	433669	57.683	ug/l	98
61) 1,2-Dibromoethane	11.471	107	413796	56.793	ug/l	98
64) Tetrachloroethene	11.107	164	311506	57.325	ug/l	98
65) Chlorobenzene	11.895	112	1099094	56.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	398092	54.327	ug/l	98
67) Ethyl Benzene	11.965	91	1981529	55.448	ug/l	98
68) m/p-Xylenes	12.071	106	1561329	111.191	ug/l	99
69) o-Xylene	12.401	106	769830	55.573	ug/l	99
70) Styrene	12.413	104	1247718	55.971	ug/l	99
71) Bromoform	12.583	173	281720	54.616	ug/l #	99
73) Isopropylbenzene	12.701	105	1999753	52.608	ug/l	100
74) N-amyl acetate	12.495	43	588938	40.883	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	558601	46.826	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	469458m	50.374	ug/l	
77) Bromobenzene	12.983	156	423319	54.769	ug/l	91
78) n-propylbenzene	13.036	91	2311817	55.042	ug/l	100
79) 2-Chlorotoluene	13.130	91	1345113	53.187	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1670889	55.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	209219	50.520	ug/l	85
82) 4-Chlorotoluene	13.224	91	1300206	54.528	ug/l	100
83) tert-Butylbenzene	13.442	119	1439564	53.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1630058	54.345	ug/l	100
85) sec-Butylbenzene	13.618	105	2094435	55.611	ug/l	100
86) p-Isopropyltoluene	13.730	119	1682600	56.846	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	799999	55.946	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	794000	56.307	ug/l	98
89) n-Butylbenzene	14.059	91	1468460	59.761	ug/l	99
90) Hexachloroethane	14.336	117	340315	52.584	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	778454	54.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	103363	45.720	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	290256	56.208	ug/l	98
94) Hexachlorobutadiene	15.465	225	164093	54.896	ug/l	98
95) Naphthalene	15.589	128	1046932	53.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.753	180	262405	53.125	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

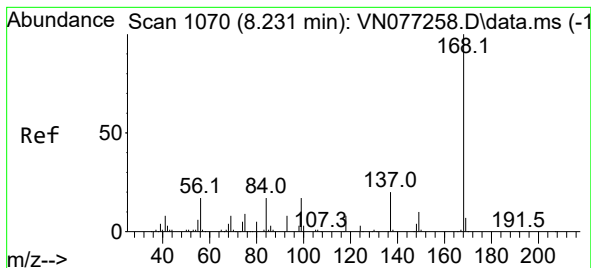
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

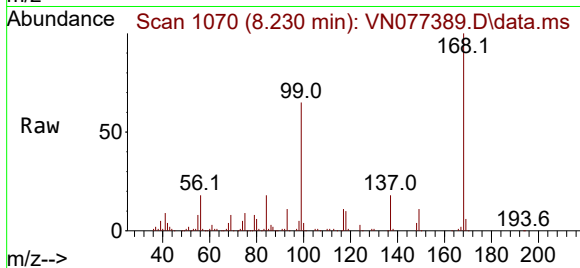
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

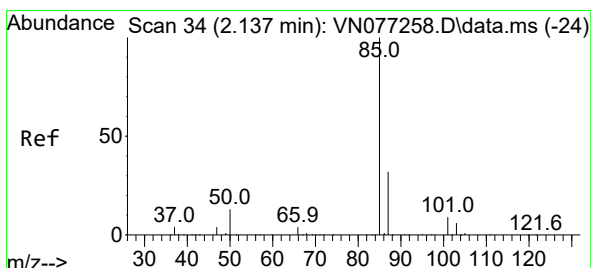
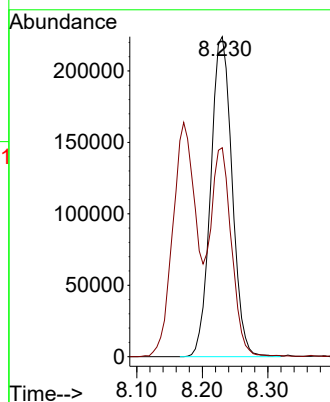
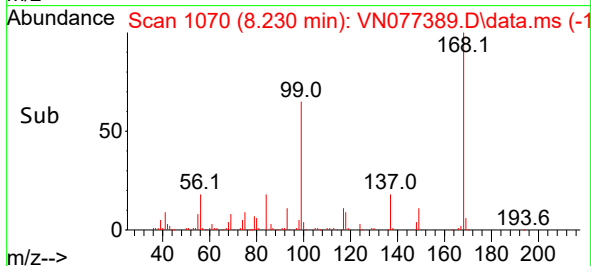
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 50770
Ion Ratio Lower Upper
168 100
99 64.9 50.6 75.8

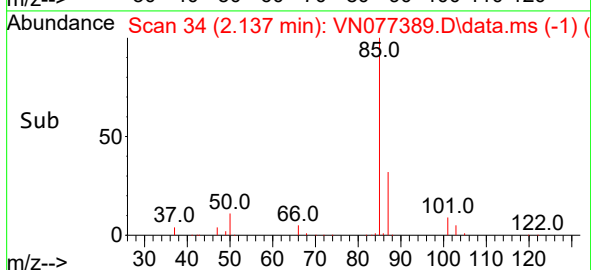
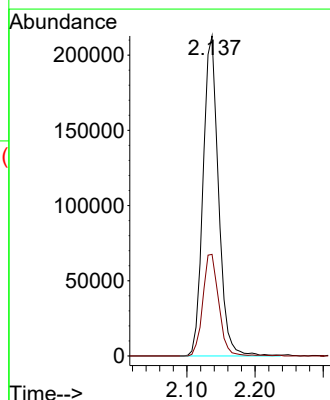
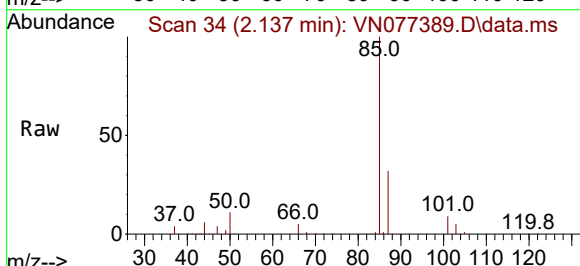
Manual Integrations
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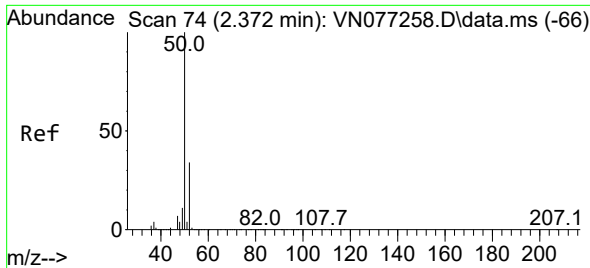
Reviewed By :John Carlone 04/21/2023
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#2
Dichlorodifluoromethane
Concen: 51.765 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

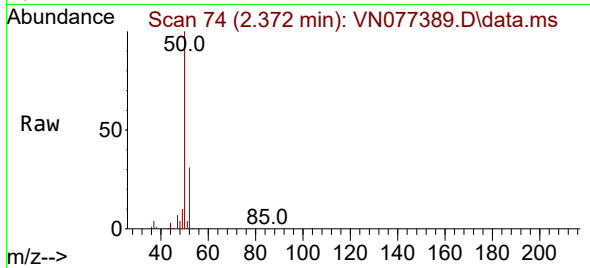
Tgt Ion: 85 Resp: 335440
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





#3
Chloromethane
Concen: 37.760 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

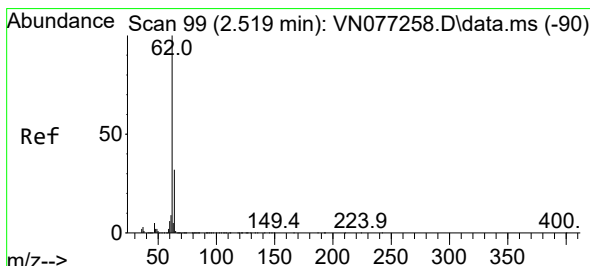
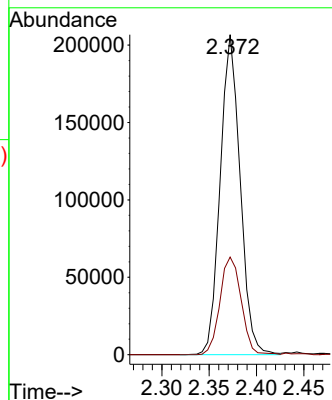
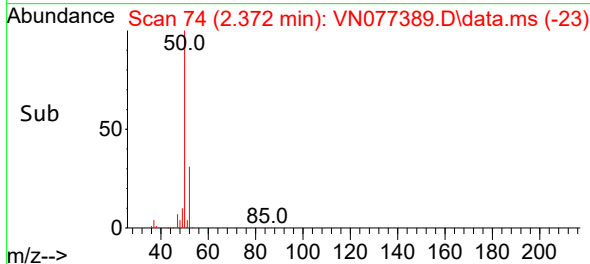
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 303230
Ion Ratio Lower Upper
50 100
52 30.5 27.3 40.9

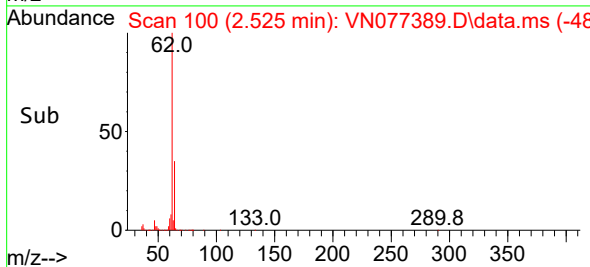
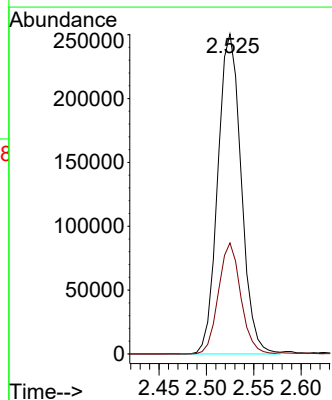
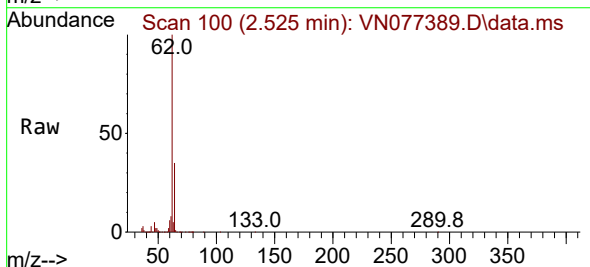
Manual Integrations
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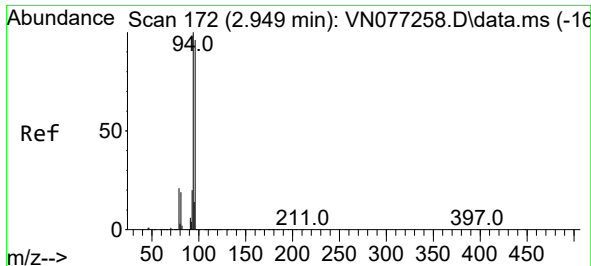
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Vinyl Chloride
Concen: 39.601 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

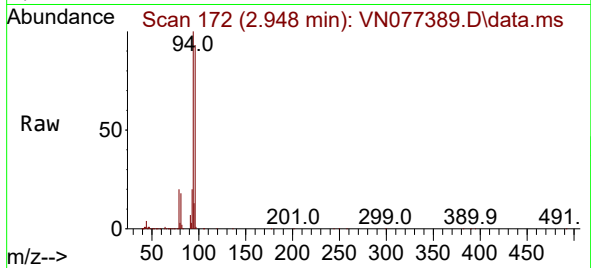
Tgt Ion: 62 Resp: 431170
Ion Ratio Lower Upper
62 100
64 34.7 25.8 38.8





#5
Bromomethane
Concen: 44.300 ug/l
RT: 2.948 min Scan# 172
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

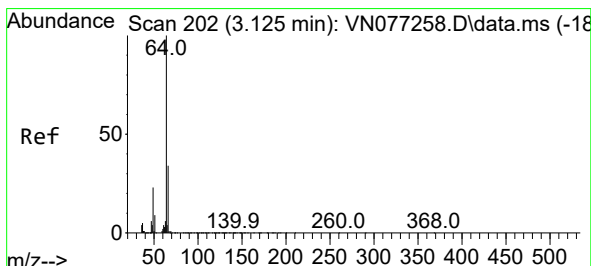
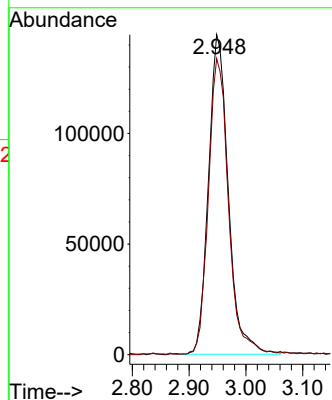
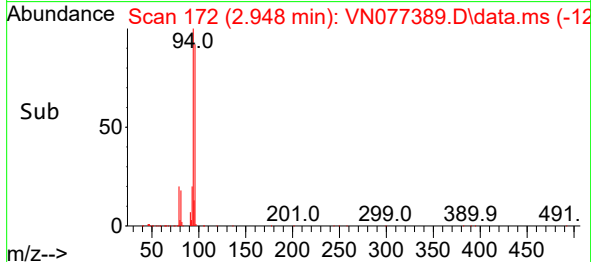
Instrument :
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Tgt Ion: 94 Resp: 349675
Ion Ratio Lower Upper
94 100
96 92.5 77.0 115.4

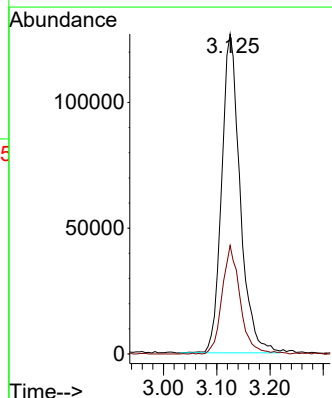
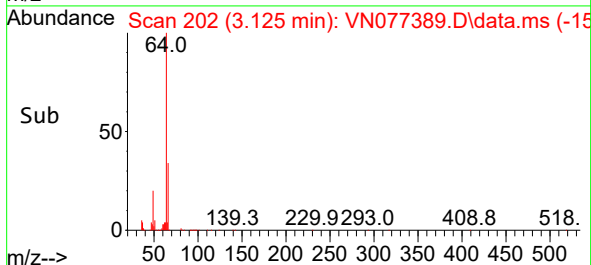
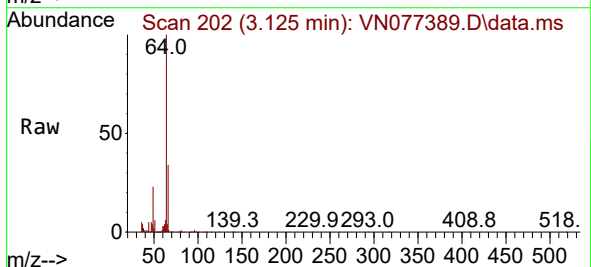
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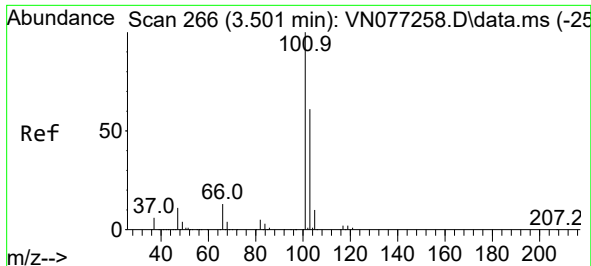
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#6
Chloroethane
Concen: 39.251 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

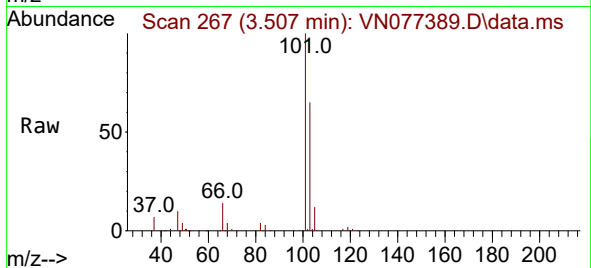
Tgt Ion: 64 Resp: 304987
Ion Ratio Lower Upper
64 100
66 34.0 26.9 40.3





#7
Trichlorofluoromethane
Concen: 56.372 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

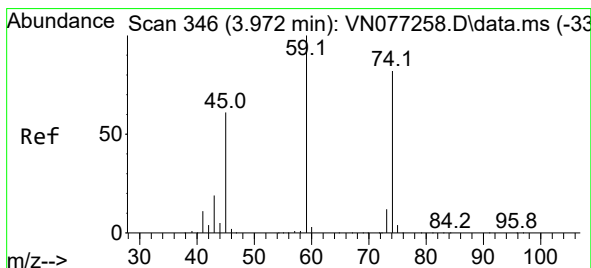
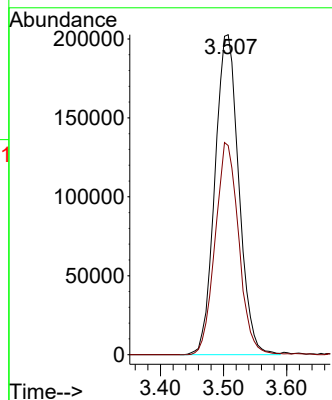
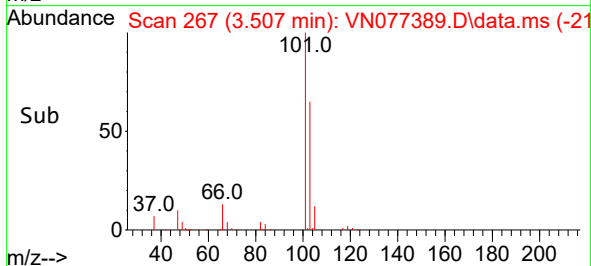
Instrument :
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Tgt Ion: 101 Resp: 532190
Ion Ratio Lower Upper
101 100
103 65.3 49.0 73.4

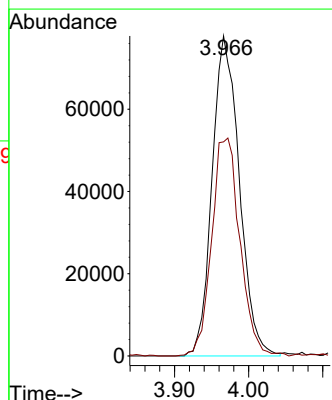
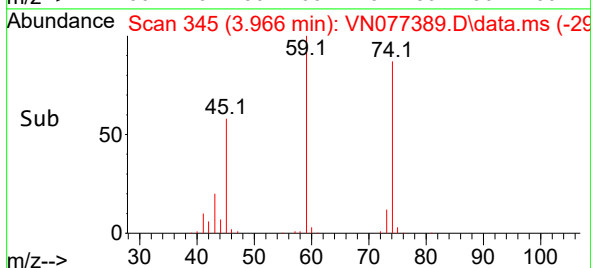
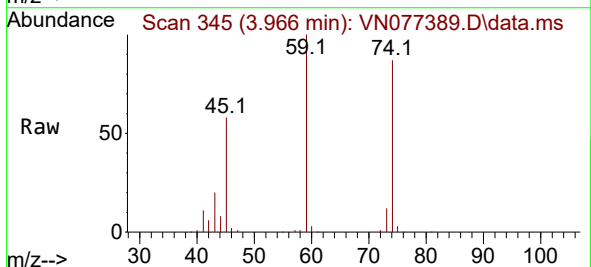
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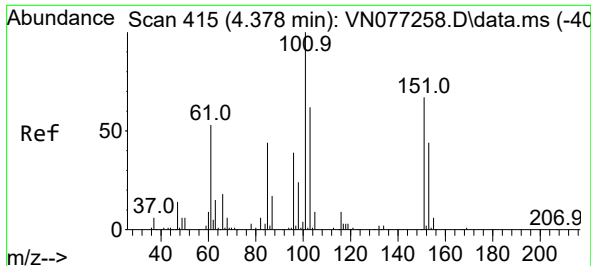
Reviewed By : John Carlone 04/21/2023
Supervised By : Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 50.177 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077389.D
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Tgt Ion: 74 Resp: 198504
Ion Ratio Lower Upper
74 100
45 70.6 37.8 113.4





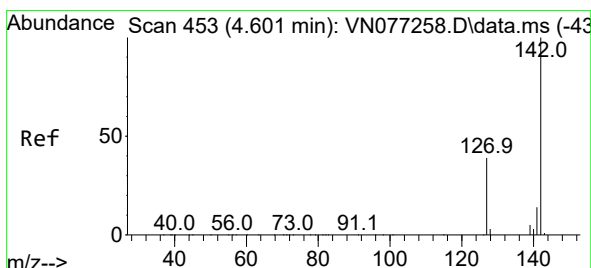
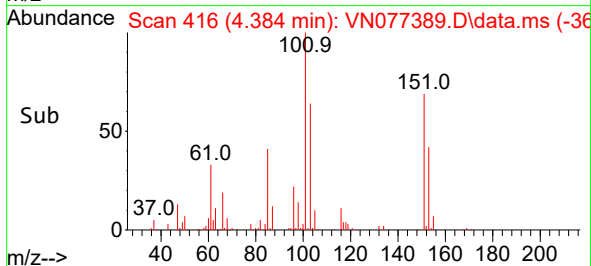
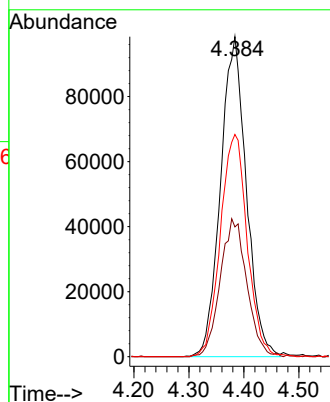
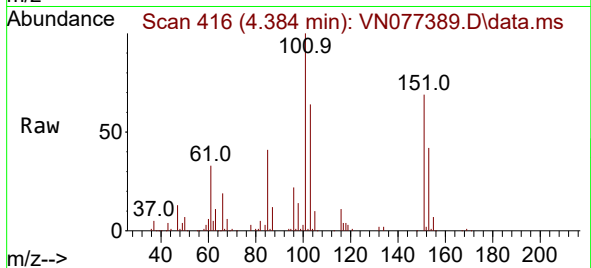
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.467 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 320468
Ion Ratio Lower Upper
101 100
85 44.4 37.3 55.9
151 72.3 56.3 84.5

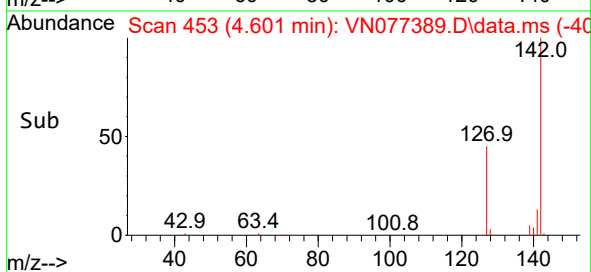
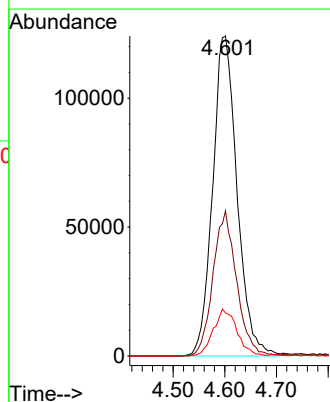
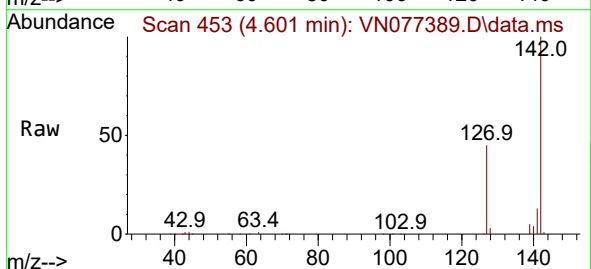
Manual Integrations
APPROVED

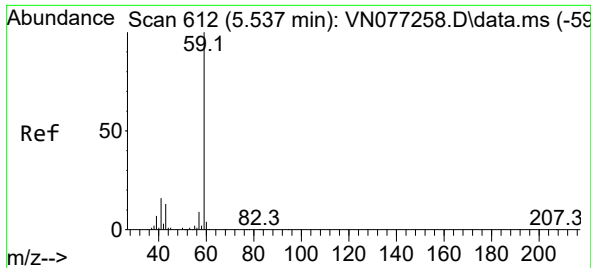
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 57.991 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

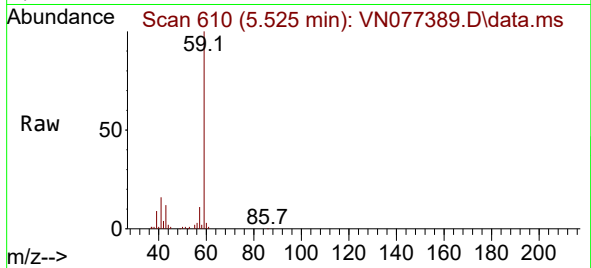
Tgt Ion:142 Resp: 407477
Ion Ratio Lower Upper
142 100
127 45.4 31.5 47.3
141 13.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 173.165 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

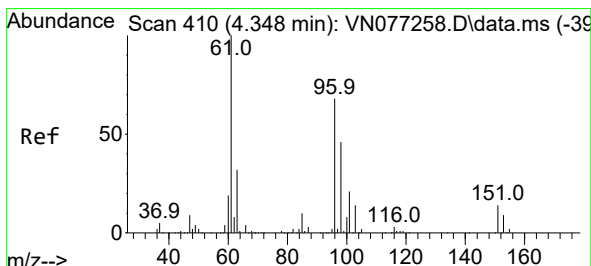
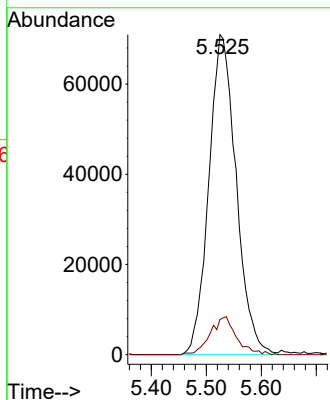
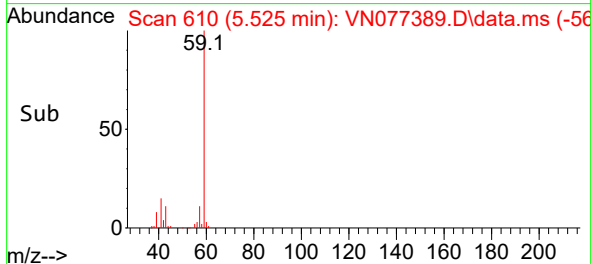
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



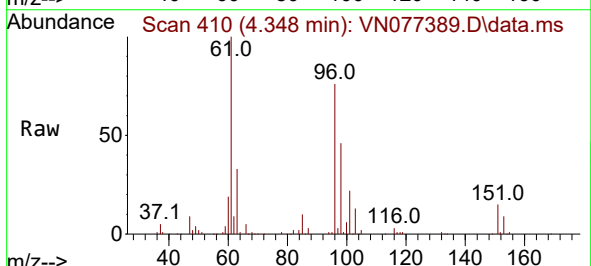
Tgt Ion: 59 Resp: 245184
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

Manual Integrations
APPROVED

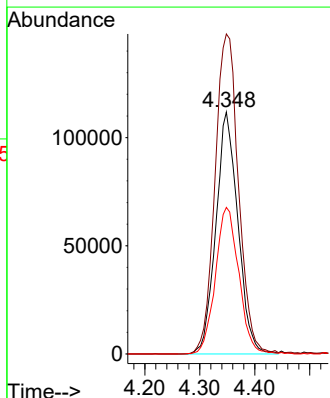
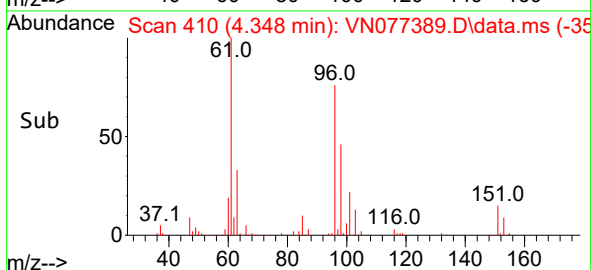
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

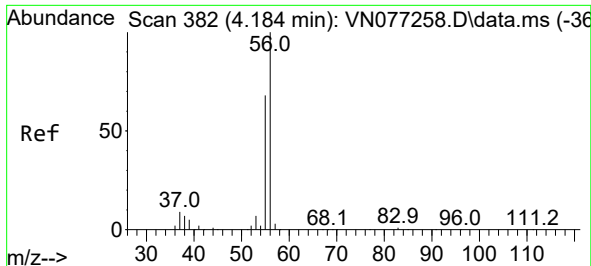


#12
1,1-Dichloroethene
Concen: 52.424 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



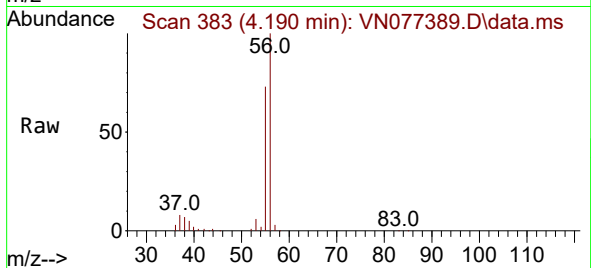
Tgt Ion: 96 Resp: 311785
Ion Ratio Lower Upper
96 100
61 132.3 118.3 177.5
98 60.6 54.5 81.7





#13
Acrolein
Concen: 170.367 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

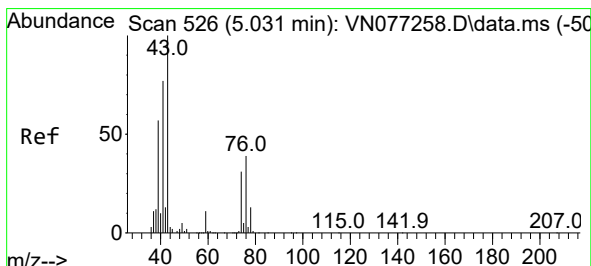
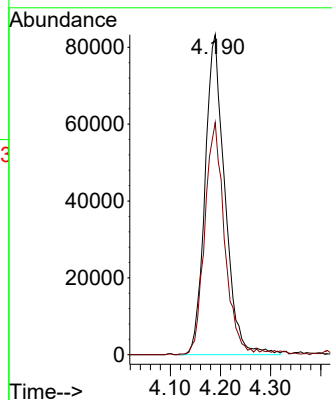
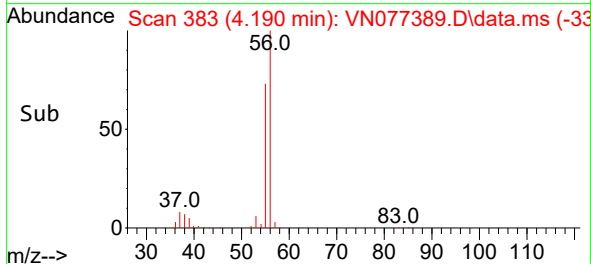
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22846
Ion Ratio Lower Upper
56 100
55 72.2 54.2 81.2

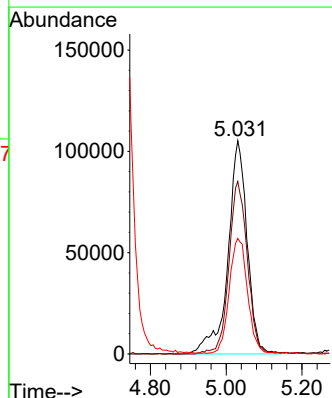
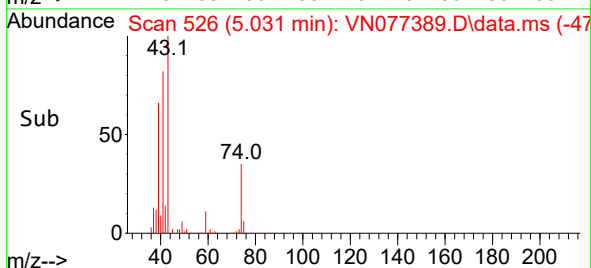
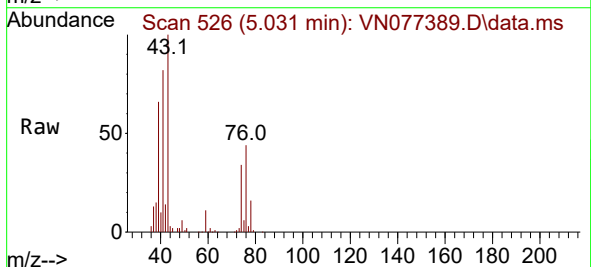
Manual Integrations
APPROVED

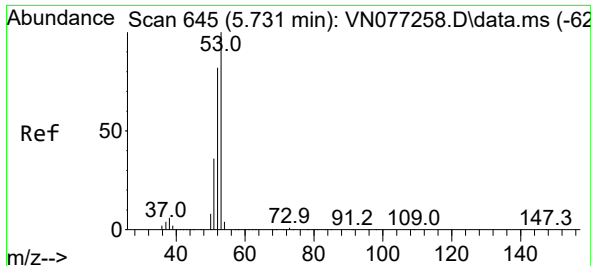
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 41.272 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

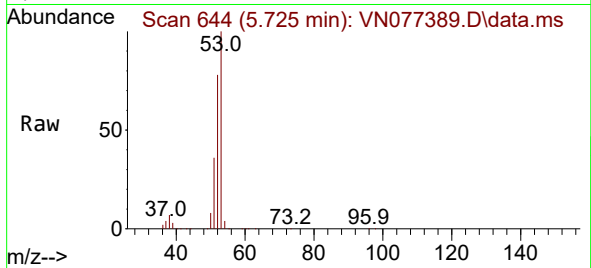
Tgt Ion: 41 Resp: 370725
Ion Ratio Lower Upper
41 100
39 77.5 55.0 82.4
76 51.0 35.4 53.2





#15
Acrylonitrile
Concen: 216.730 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

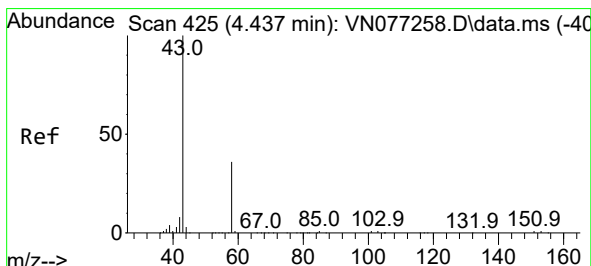
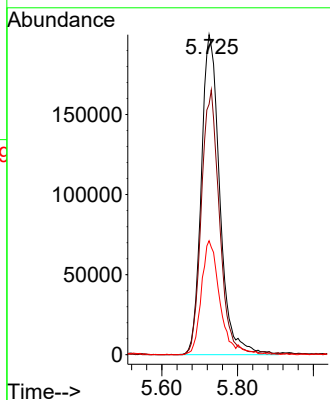
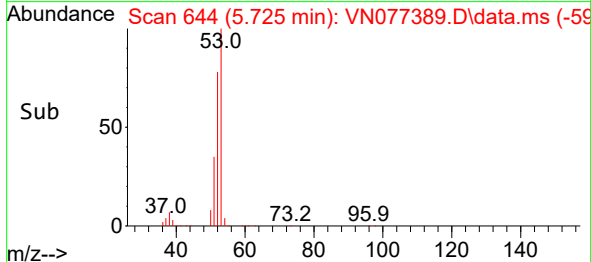
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 678410
Ion Ratio Lower Upper
53 100
52 80.7 65.2 97.8
51 34.2 28.1 42.1

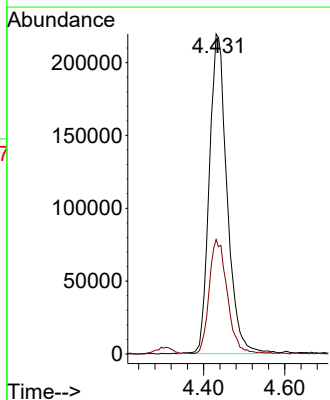
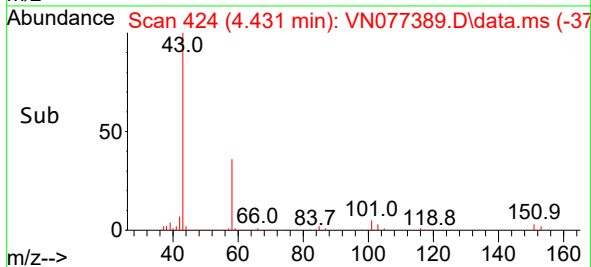
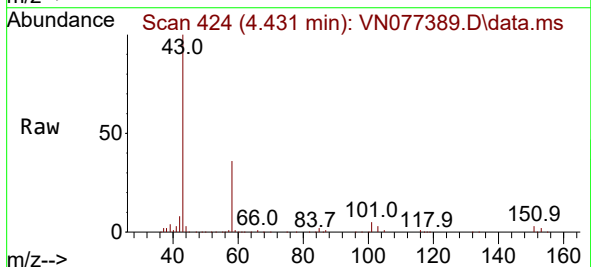
Manual Integrations
APPROVED

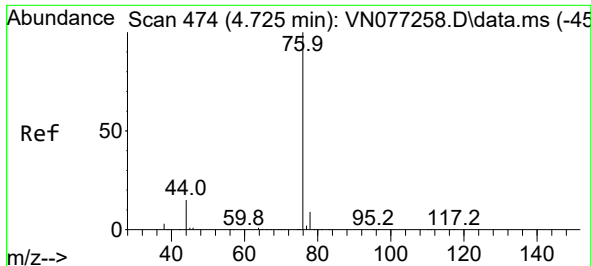
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#16
Acetone
Concen: 260.436 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion: 43 Resp: 666304
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6





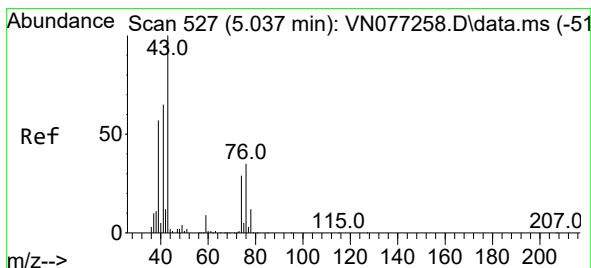
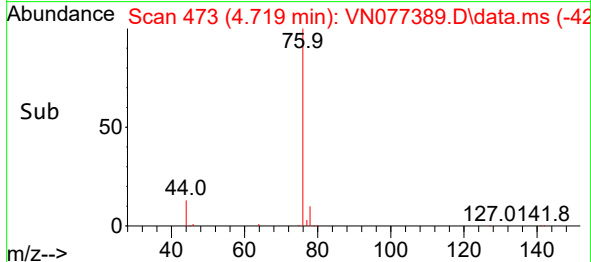
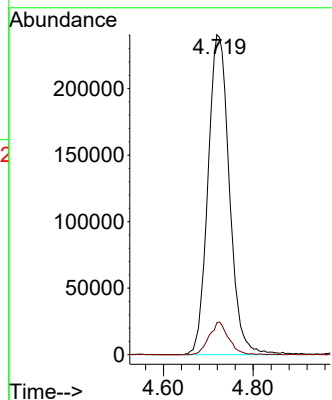
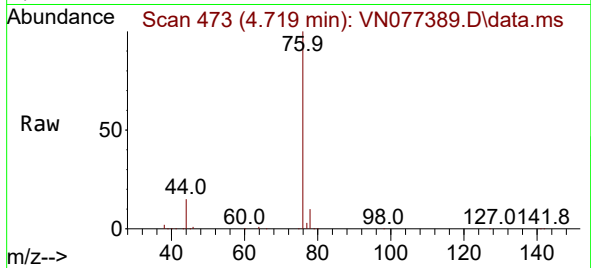
#17
Carbon Disulfide
Concen: 49.653 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 796325
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

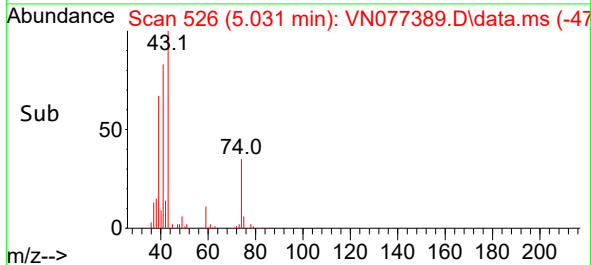
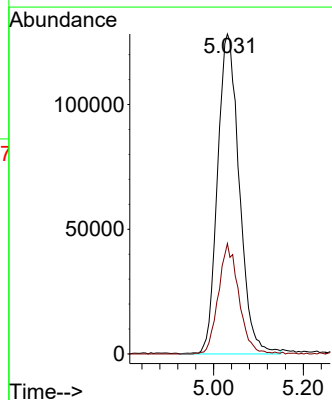
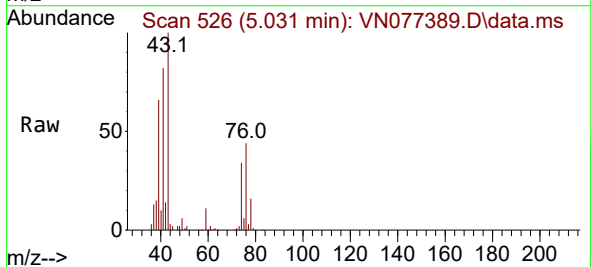
Manual Integrations
APPROVED

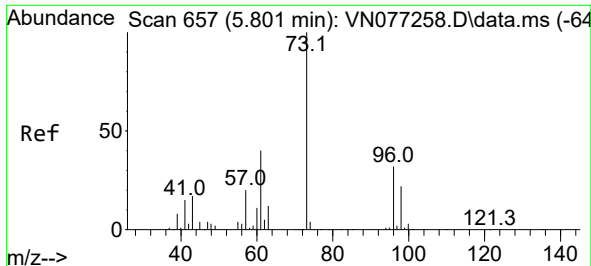
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 44.489 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

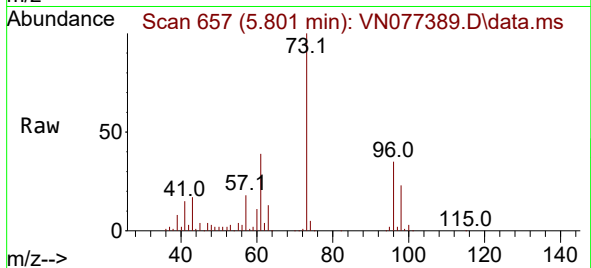
Tgt Ion: 43 Resp: 433496
Ion Ratio Lower Upper
43 100
74 32.2 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 50.806 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

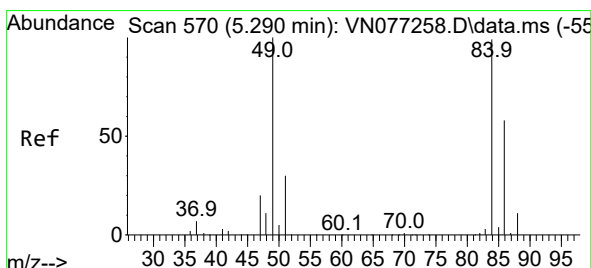
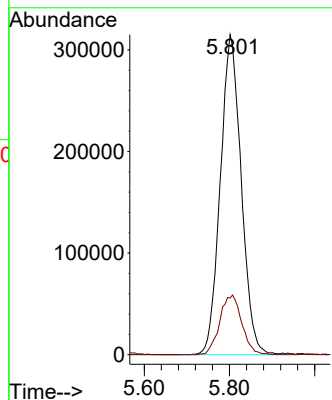
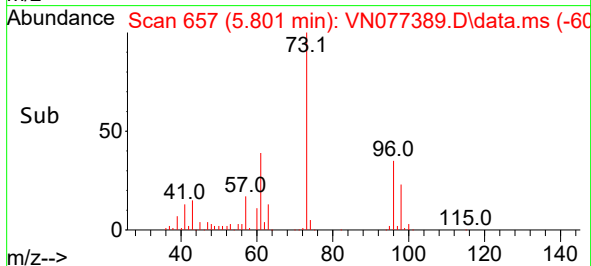
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 107215
Ion Ratio Lower Upper
73 100
57 17.7 16.2 24.4

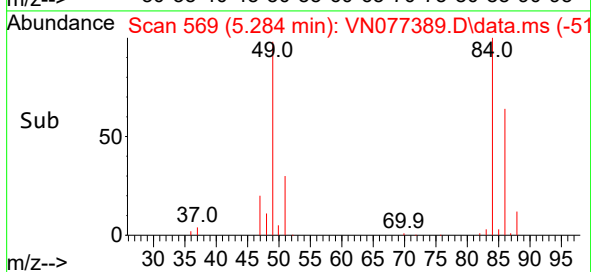
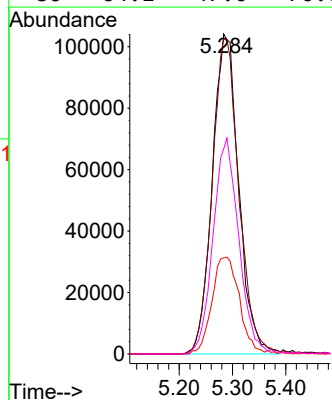
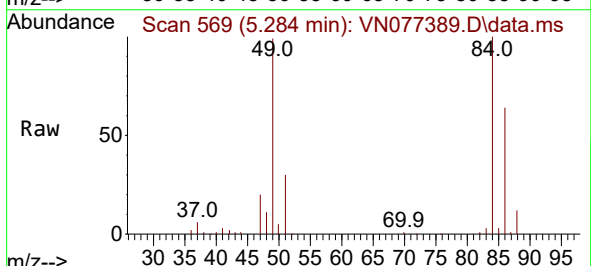
Manual Integrations
APPROVED

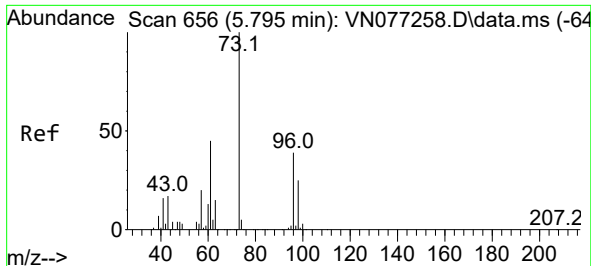
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 49.597 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

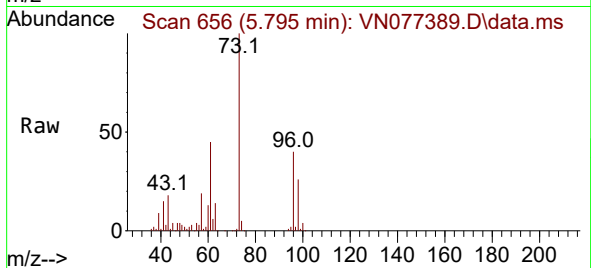
Tgt Ion: 84 Resp: 358360
Ion Ratio Lower Upper
84 100
49 98.5 80.6 121.0
51 30.1 24.4 36.6
86 64.1 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 55.202 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

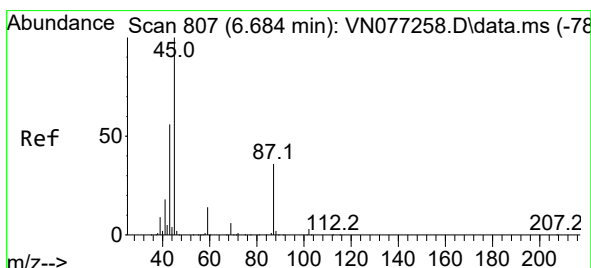
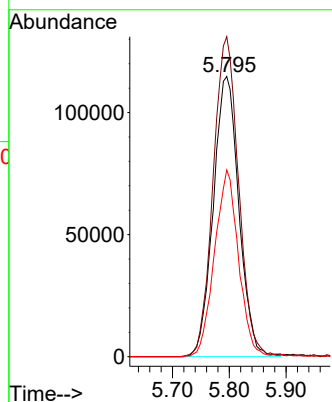
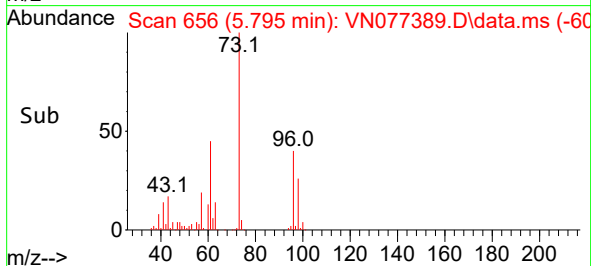
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



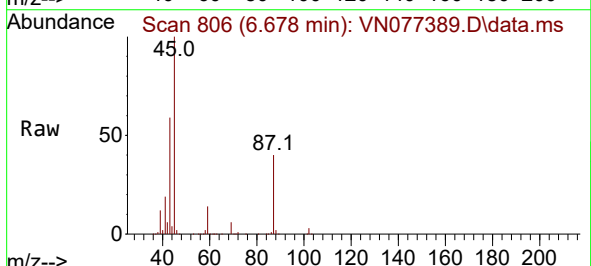
Tgt Ion: 96 Resp: 35946
Ion Ratio Lower Upper
96 100
61 114.2 93.8 140.6
98 66.6 50.9 76.3

Manual Integrations
APPROVED

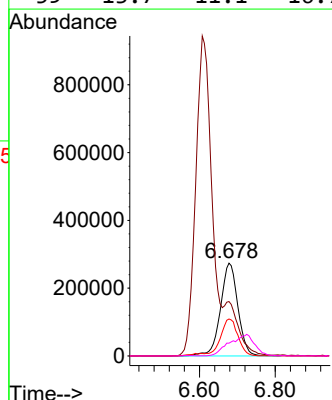
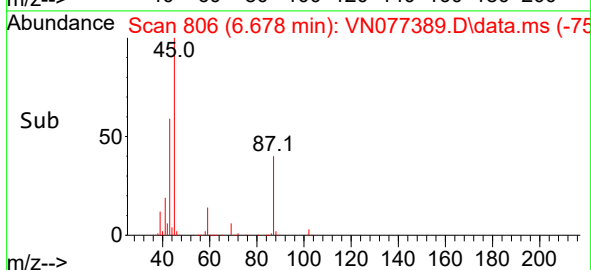
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

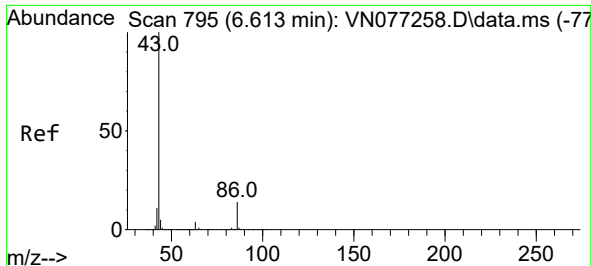


#22
Diisopropyl ether
Concen: 48.698 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



Tgt Ion: 45 Resp: 876980
Ion Ratio Lower Upper
45 100
43 57.8 44.6 66.8
87 39.7 28.4 42.6
59 13.7 11.1 16.7





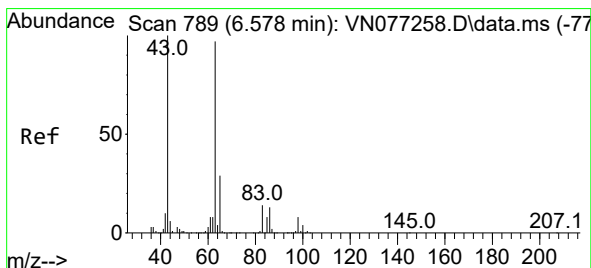
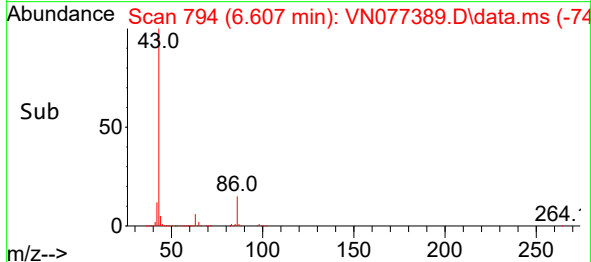
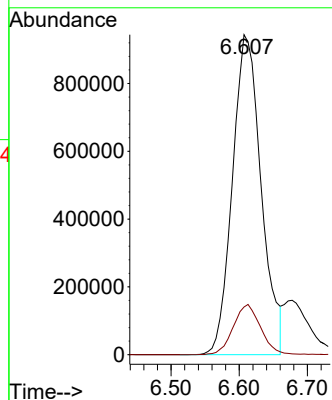
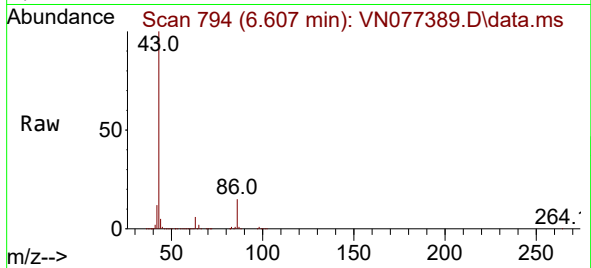
#23
 Vinyl Acetate
 Concen: 227.699 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077389.D
 Acq: 20 Apr 2023 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 277256
 Ion Ratio Lower Upper
 43 100
 86 14.9 11.2 16.8

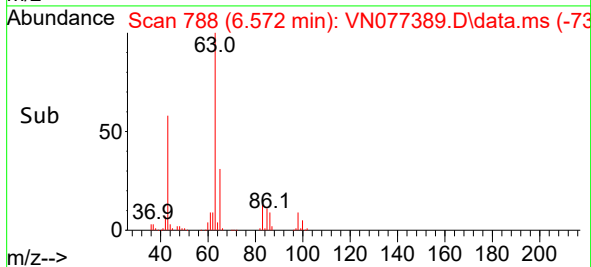
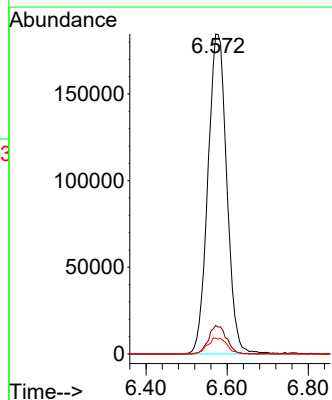
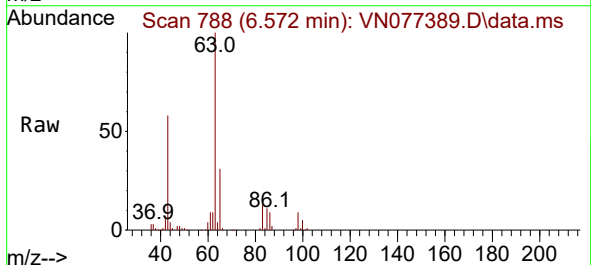
Manual Integrations
 APPROVED

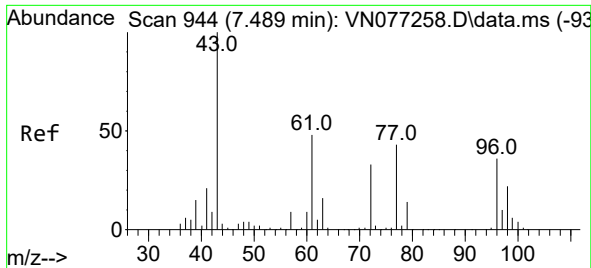
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 51.155 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077389.D
 Acq: 20 Apr 2023 10:21

Tgt Ion: 63 Resp: 594876
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.0
 100 4.9 2.3 6.9





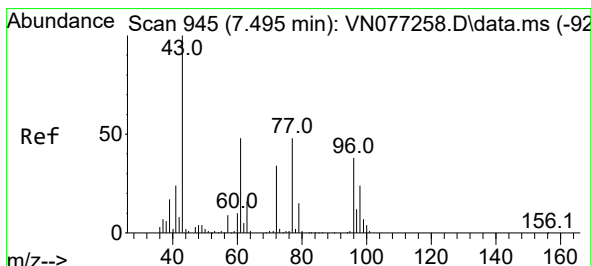
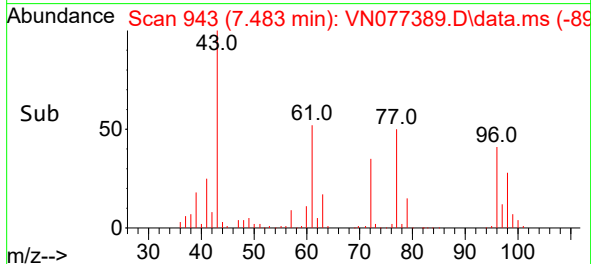
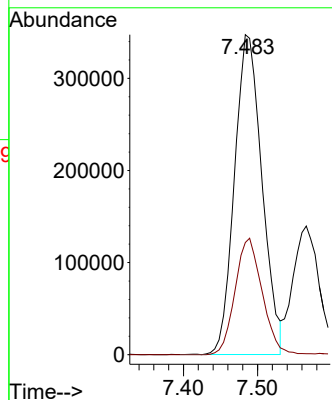
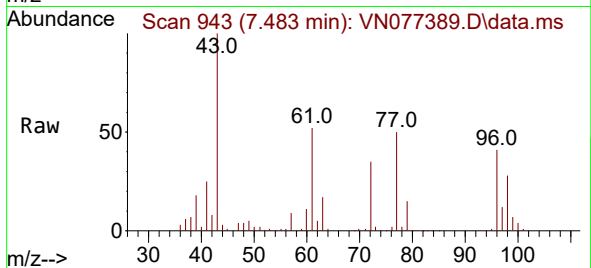
#25
2-Butanone
Concen: 215.618 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 895299
Ion Ratio Lower Upper
43 100
72 35.1 26.6 39.8

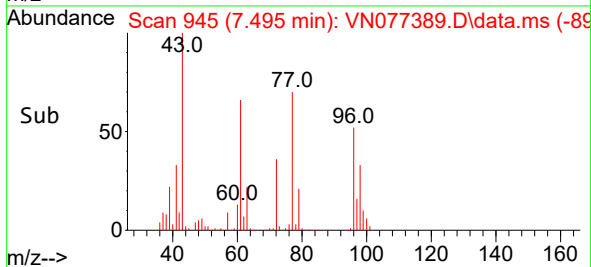
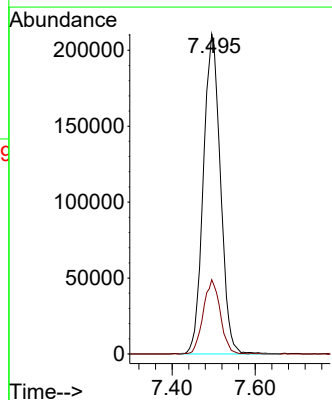
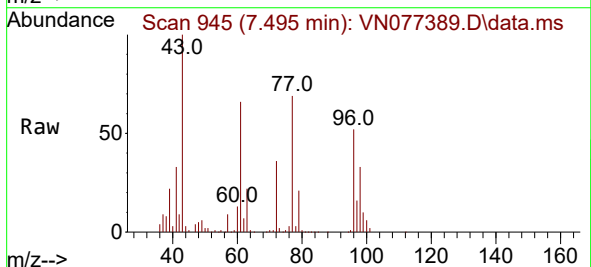
Manual Integrations
APPROVED

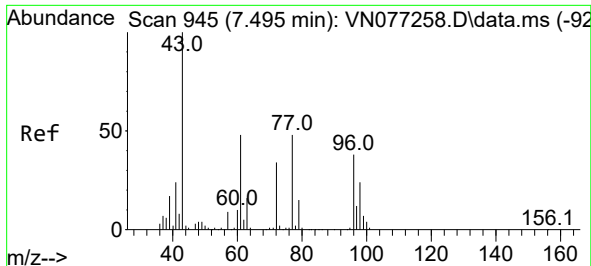
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#26
2,2-Dichloropropane
Concen: 56.504 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

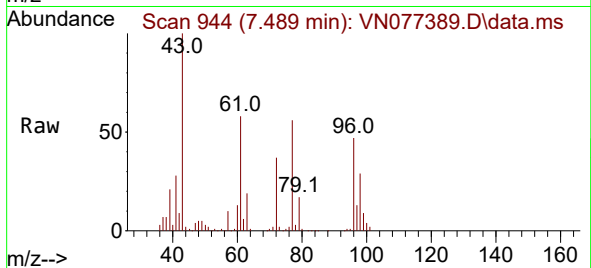
Tgt Ion: 77 Resp: 602529
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 53.929 ug/l
RT: 7.489 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

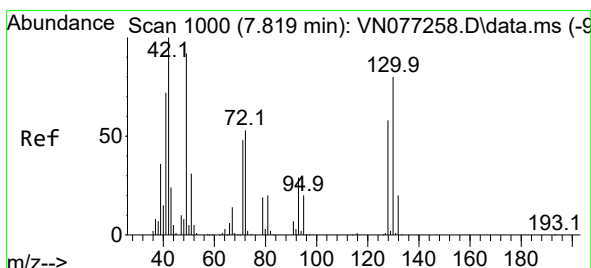
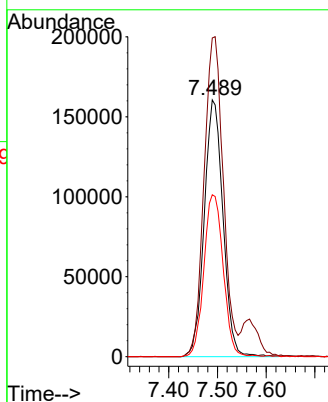
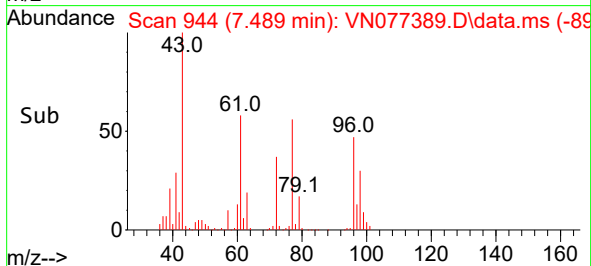
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 428848
Ion Ratio Lower Upper
96 100
61 127.5 0.0 261.0
98 64.7 0.0 128.0

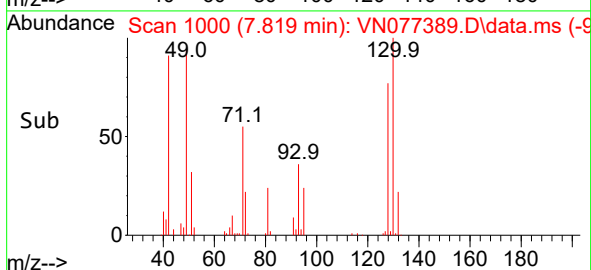
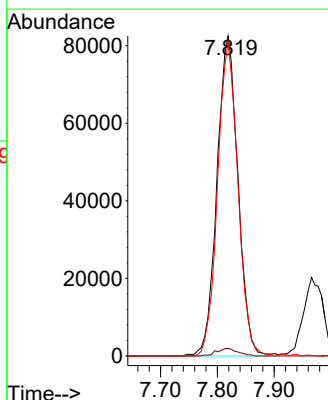
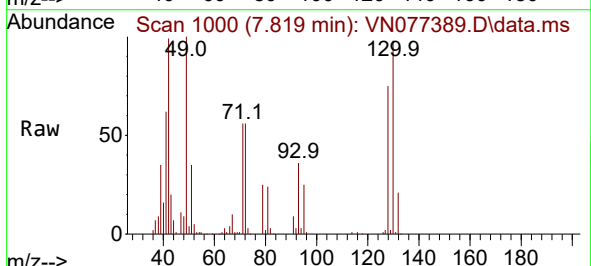
Manual Integrations
APPROVED

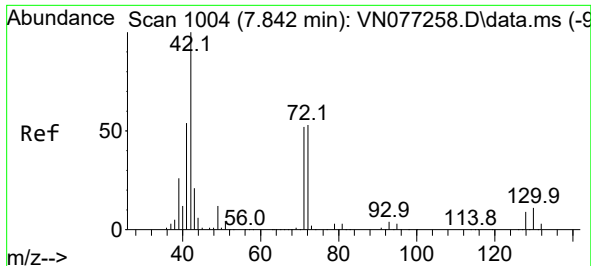
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#28
Bromochloromethane
Concen: 45.270 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion: 49 Resp: 211764
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.4
130 94.8 68.4 102.6





#29

Tetrahydrofuran

Concen: 201.990 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077389.D

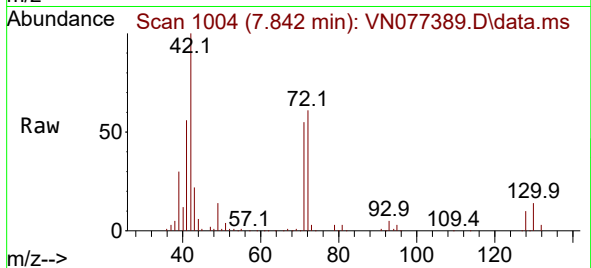
Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



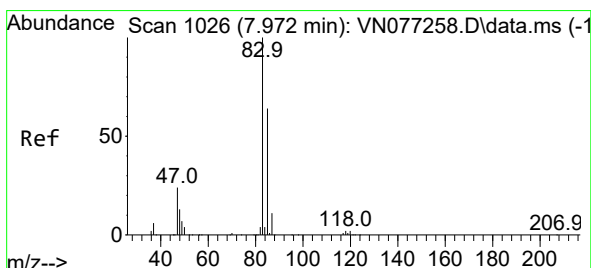
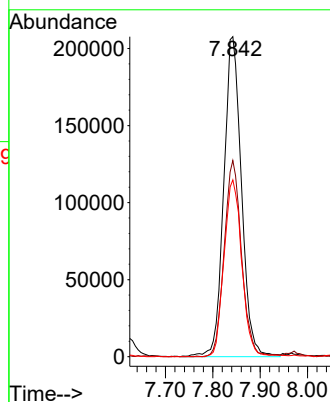
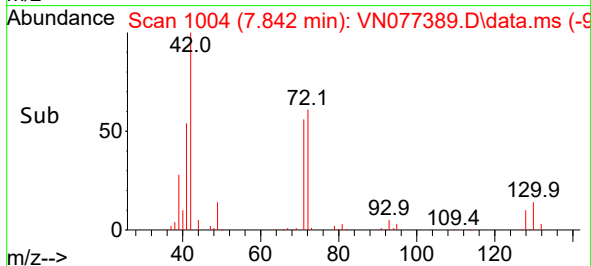
Tgt Ion:	42	Resp:	53914
Ion Ratio	Lower	Upper	
42	100		
72	60.0	44.6	66.8
71	55.6	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 55.159 ug/l

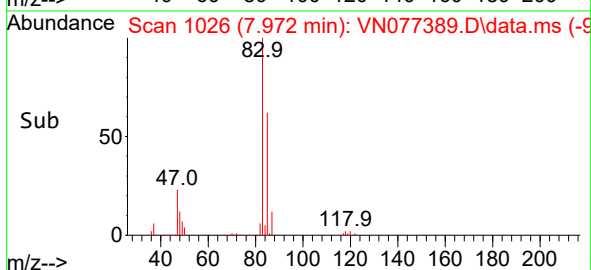
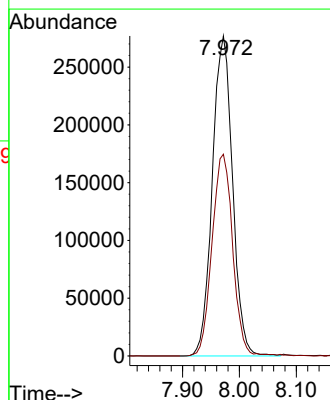
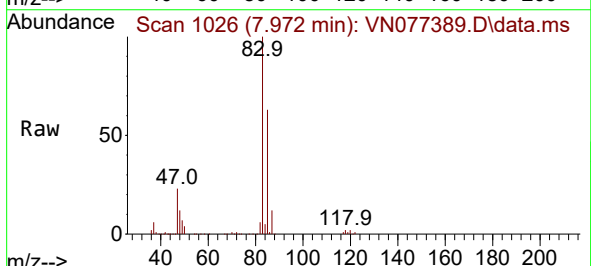
RT: 7.972 min Scan# 1026

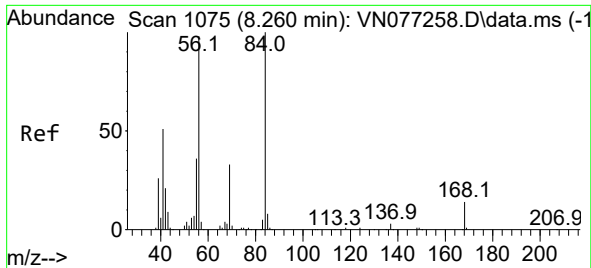
Delta R.T. -0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

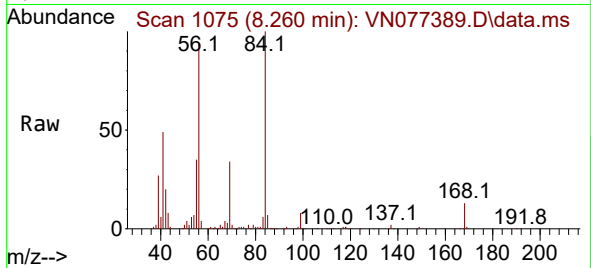
Tgt Ion:	83	Resp:	684030
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.9	76.3





#31
Cyclohexane
Concen: 48.076 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

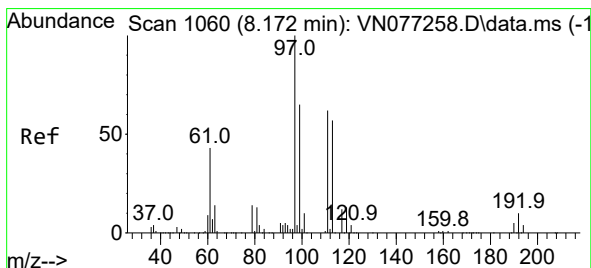
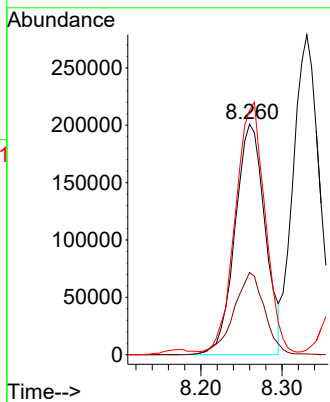
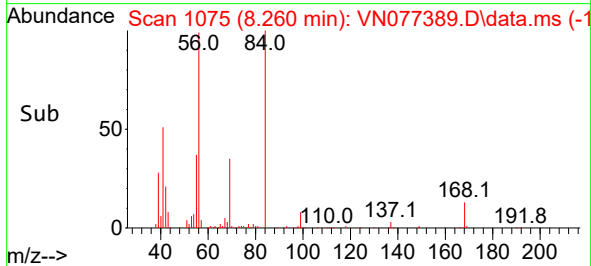
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 518369
Ion Ratio Lower Upper
56 100
69 35.7 26.6 40.0
84 103.8 81.8 122.8

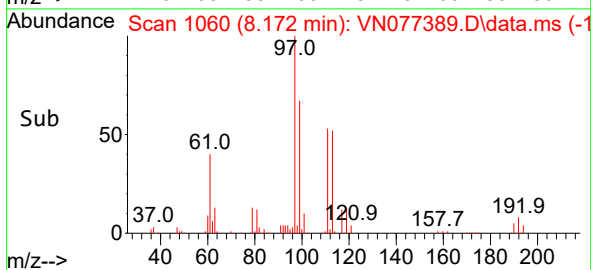
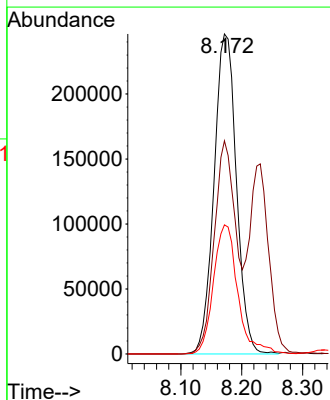
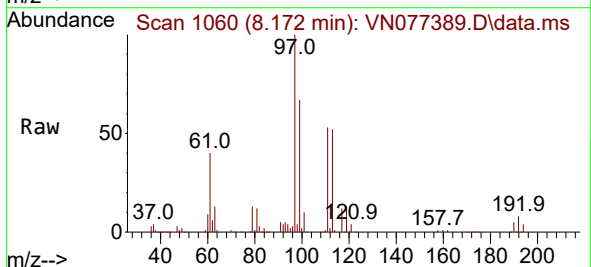
Manual Integrations
APPROVED

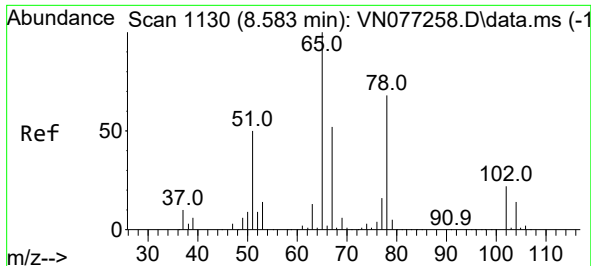
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 55.752 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion: 97 Resp: 628787
Ion Ratio Lower Upper
97 100
99 64.3 54.2 81.4
61 43.8 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 33730

Ion Ratio Lower Upper

65 100

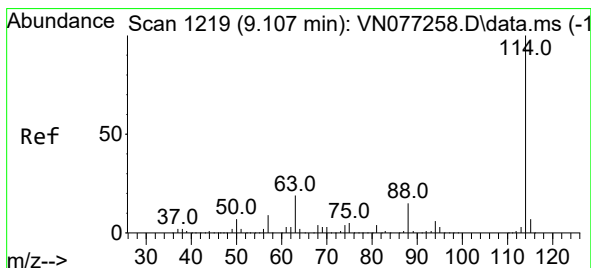
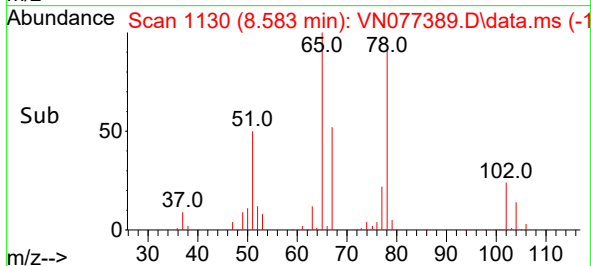
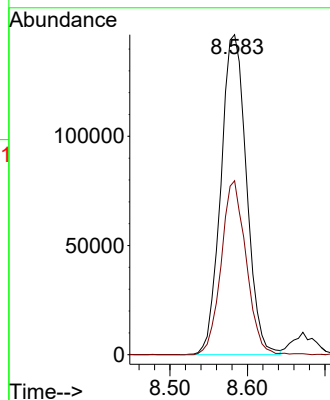
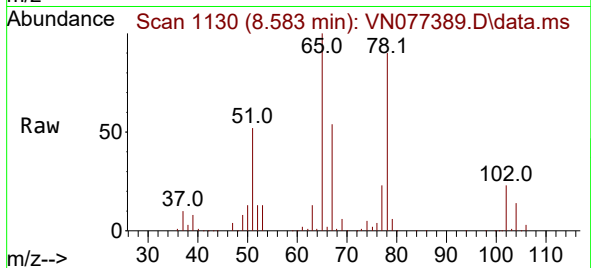
67 52.8 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

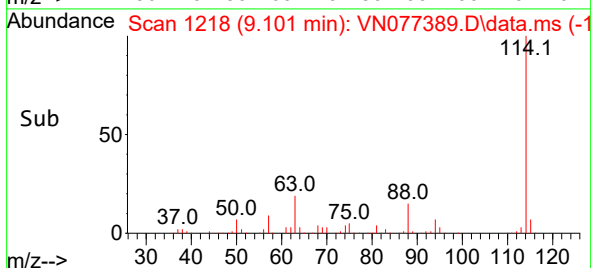
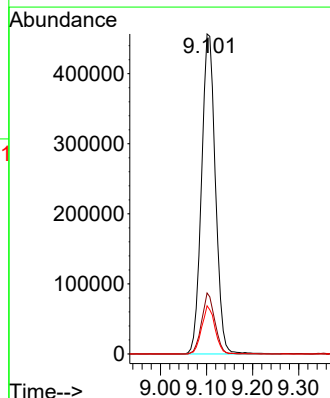
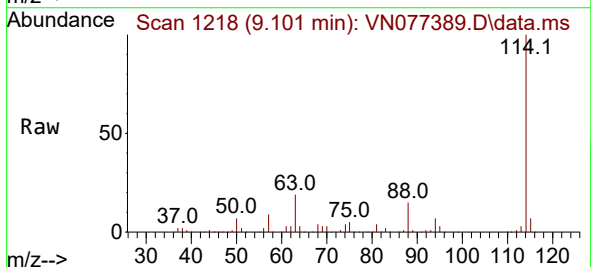
Tgt Ion:114 Resp: 962007

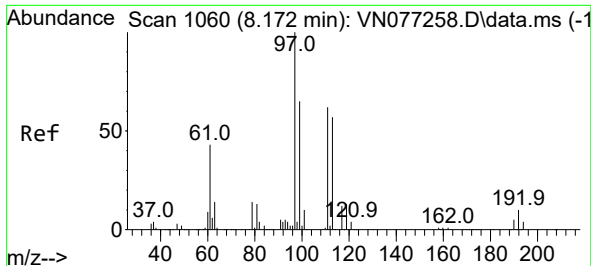
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

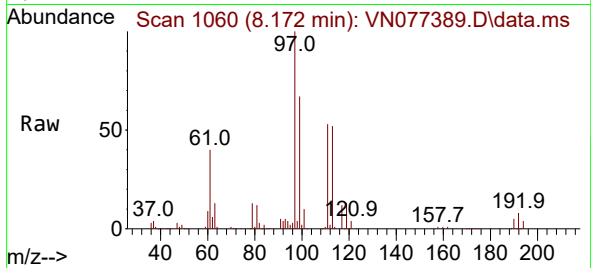
88 15.1 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.353 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

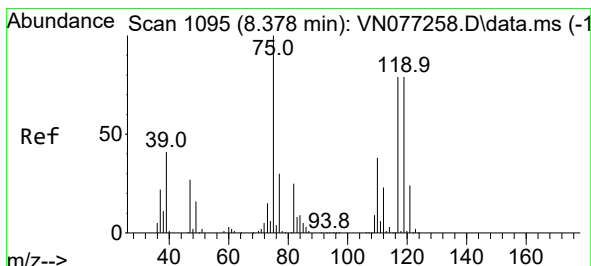
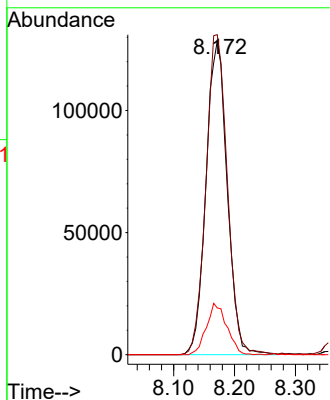
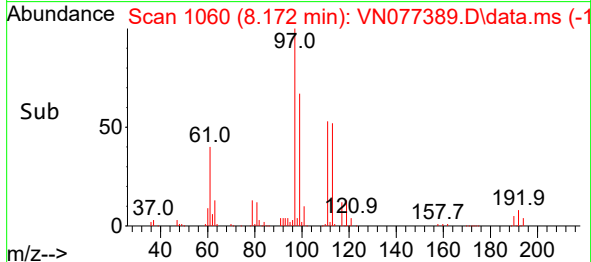
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 310090
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 15.8 13.5 20.3

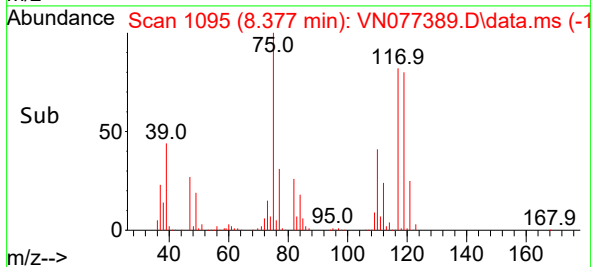
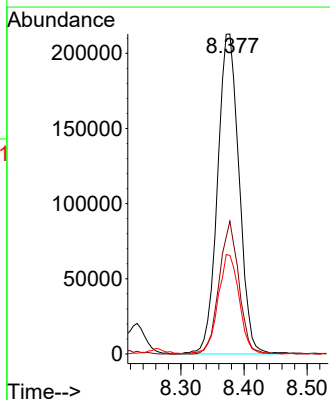
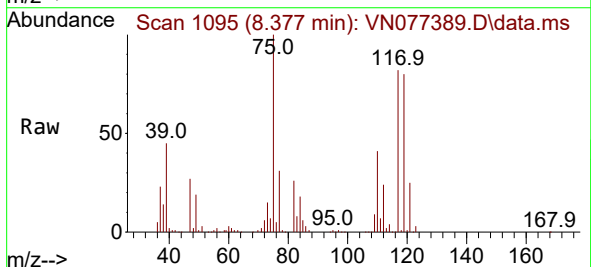
Manual Integrations
APPROVED

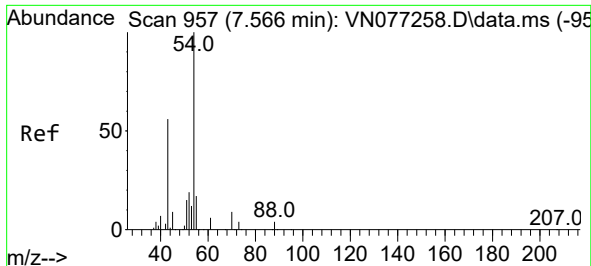
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
1,1-Dichloropropene
Concen: 55.347 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

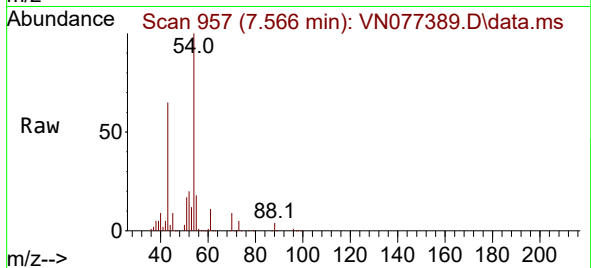
Tgt Ion: 75 Resp: 504128
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 43.379 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

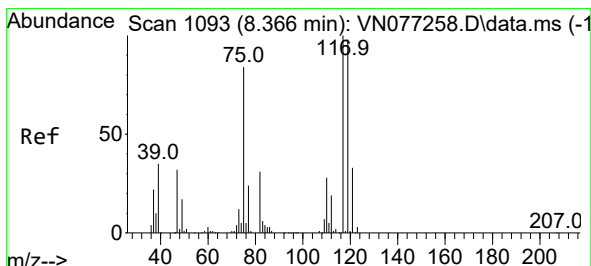
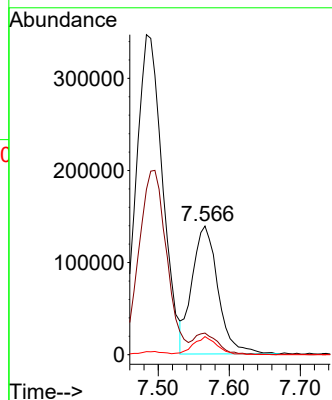
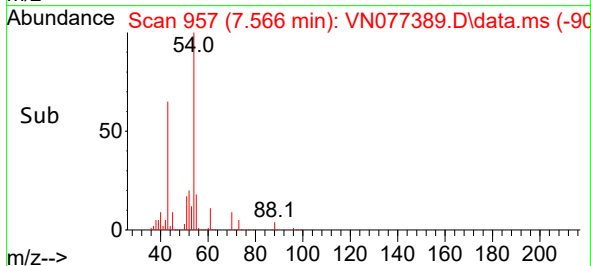
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 35351
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.2
70 13.1 10.0 15.0

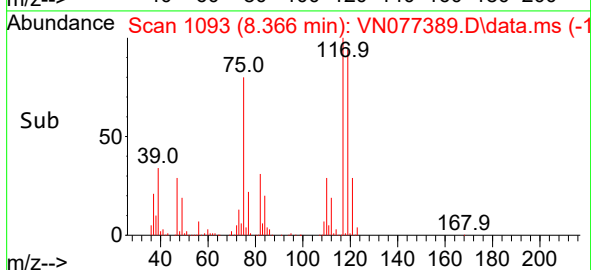
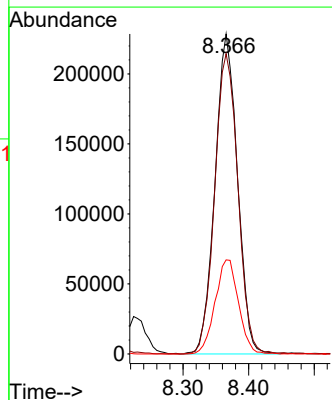
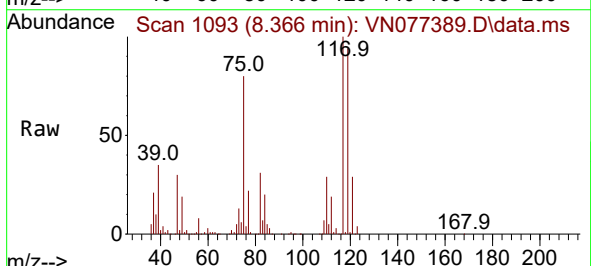
Manual Integrations
APPROVED

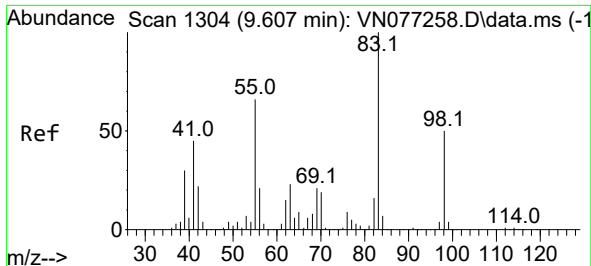
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 58.129 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion:117 Resp: 542452
Ion Ratio Lower Upper
117 100
119 93.8 78.5 117.7
121 29.4 26.6 40.0





#39

Methylcyclohexane

Concen: 55.776 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

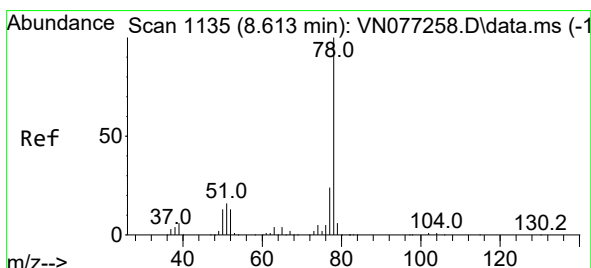
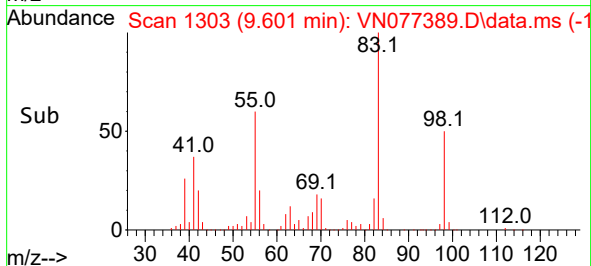
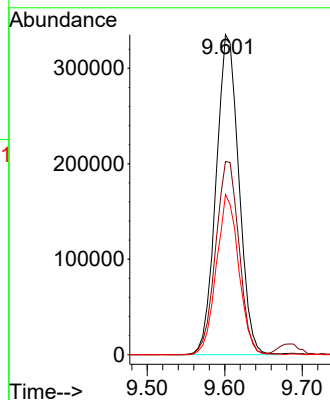
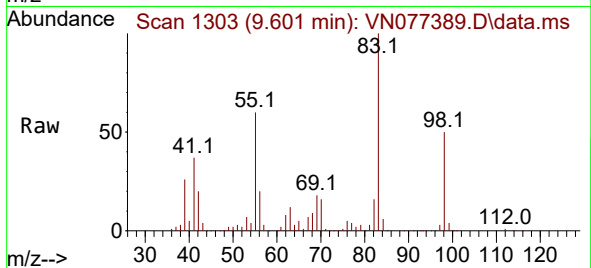
Tgt Ion: 83 Resp: 685044
 Ion Ratio Lower Upper
 83 100
 55 60.4 52.4 78.6
 98 50.0 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 52.624 ug/l

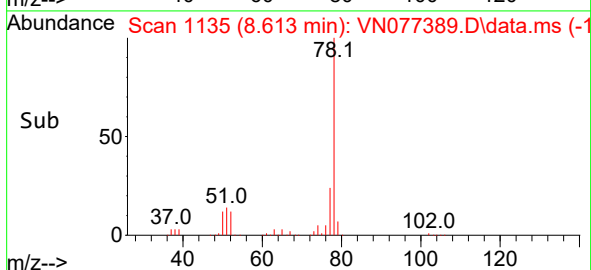
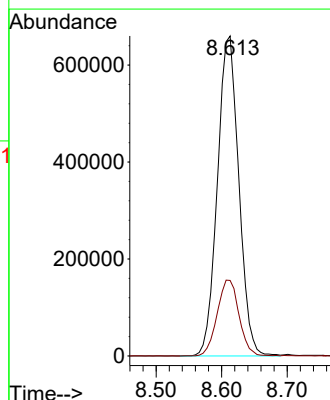
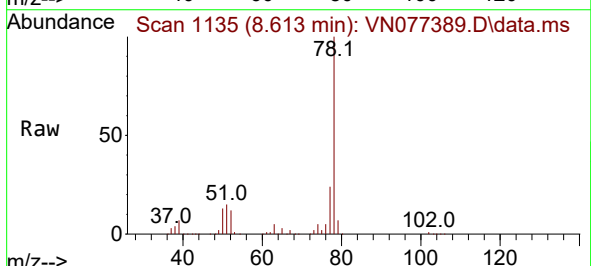
RT: 8.613 min Scan# 1135

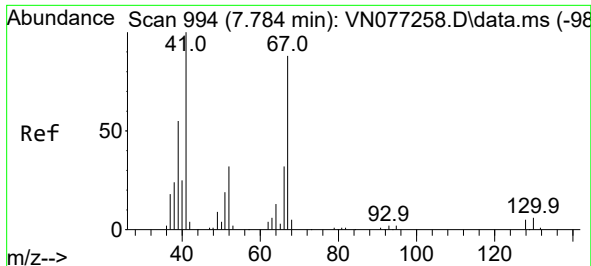
Delta R.T. -0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

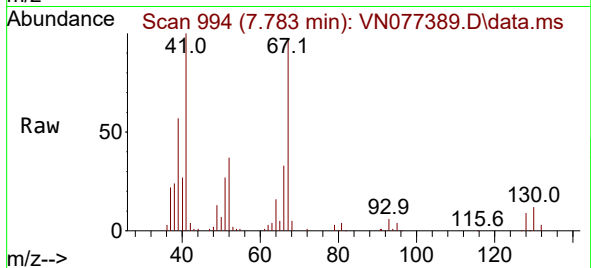
Tgt Ion: 78 Resp: 1495068
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.5 29.3





#41
Methacrylonitrile
Concen: 41.895 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

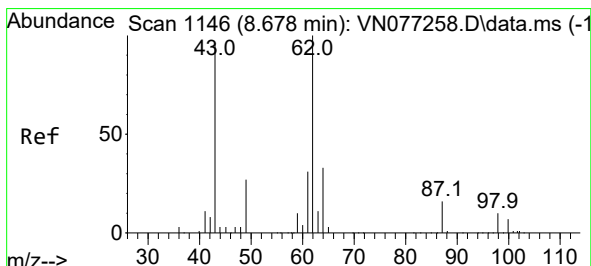
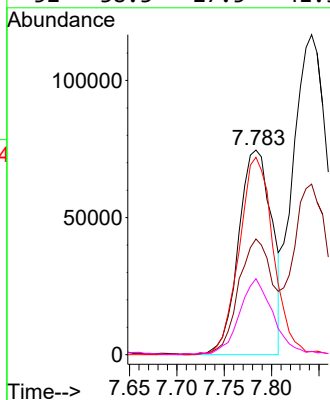
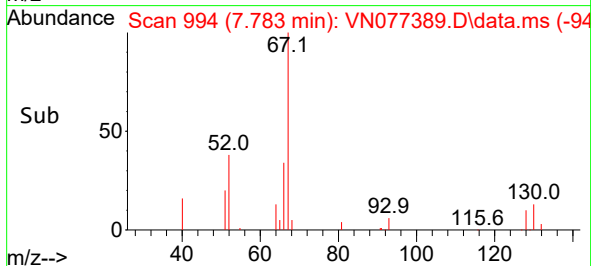
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



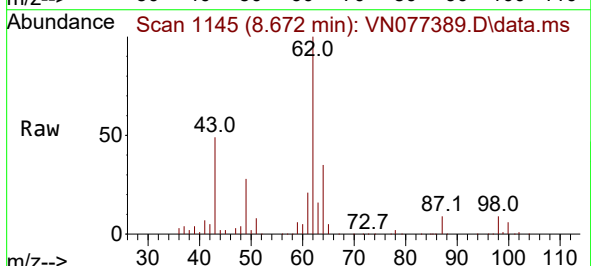
Tgt Ion: 41 Resp: 18352
Ion Ratio Lower Upper
41 100
39 57.1 44.1 66.1
67 98.9 71.4 107.2
52 38.3 27.5 41.3

Manual Integrations
APPROVED

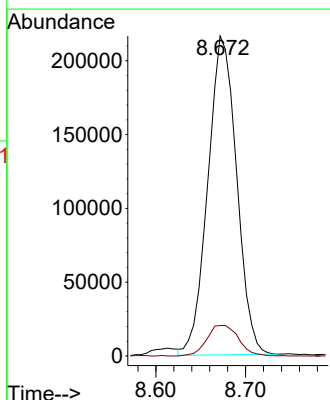
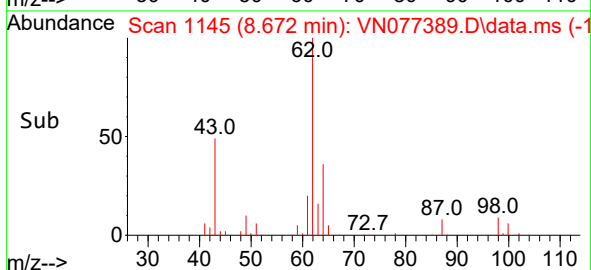
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

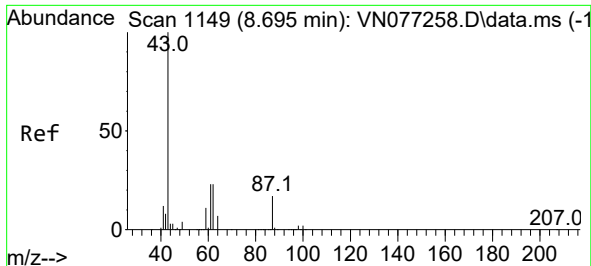


#42
1,2-Dichloroethane
Concen: 55.046 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



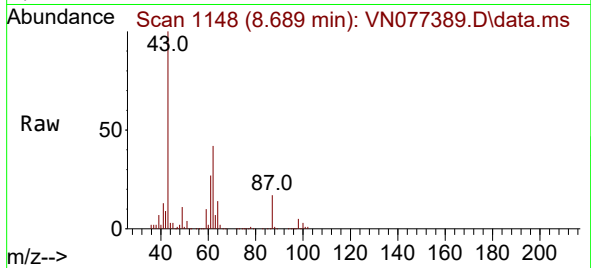
Tgt Ion: 62 Resp: 481317
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 43.281 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

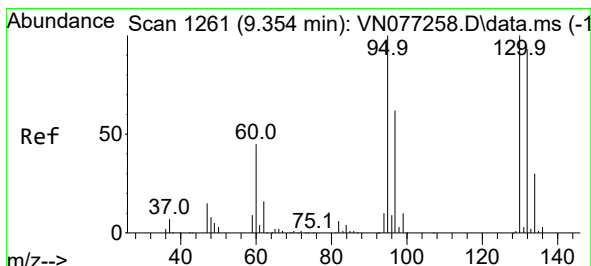
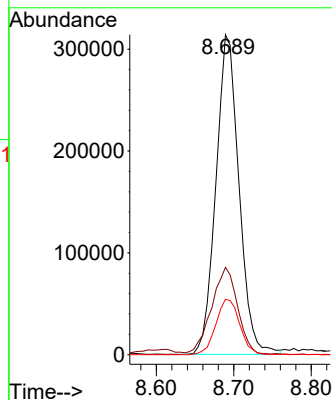
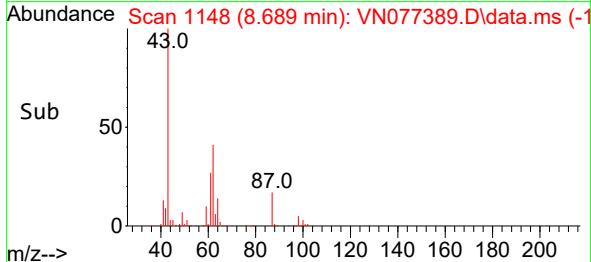
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 65084
Ion Ratio Lower Upper
43 100
61 31.1 22.7 34.1
87 18.0 13.6 20.4

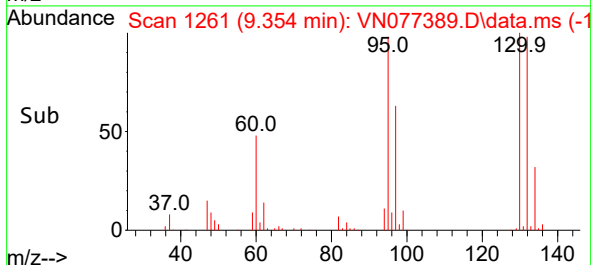
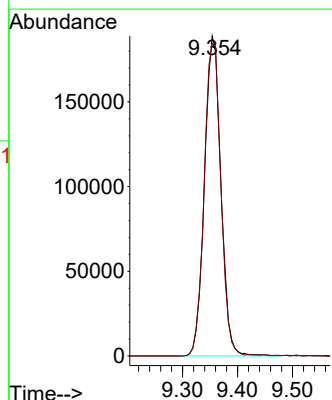
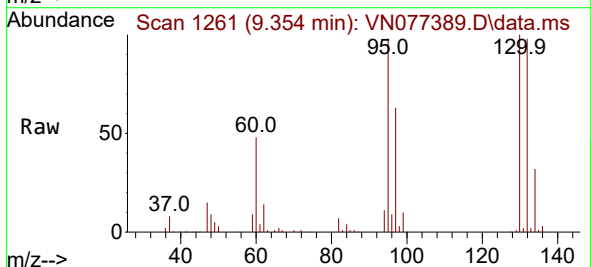
Manual Integrations
APPROVED

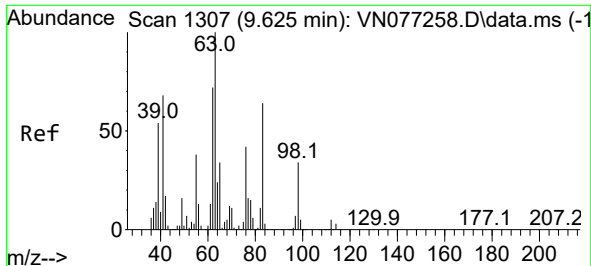
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 57.593 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion:130 Resp: 391509
Ion Ratio Lower Upper
130 100
95 97.8 0.0 200.2





#45

1,2-Dichloropropane

Concen: 53.352 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 35998

Ion Ratio Lower Upper

63 100

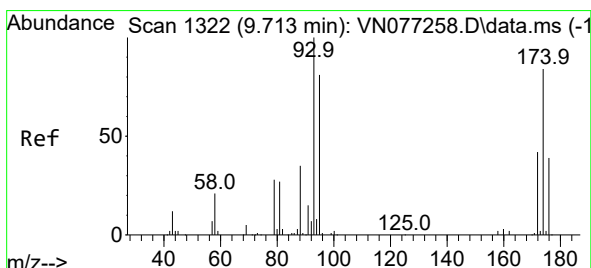
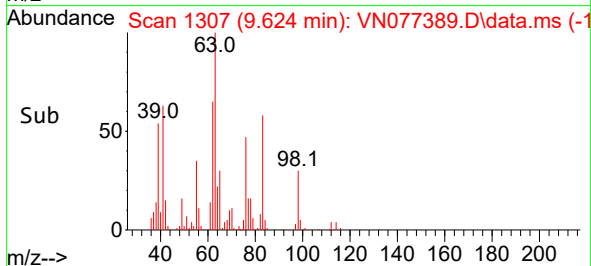
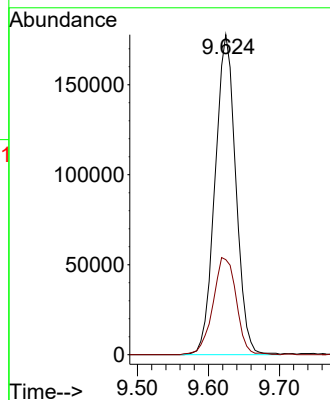
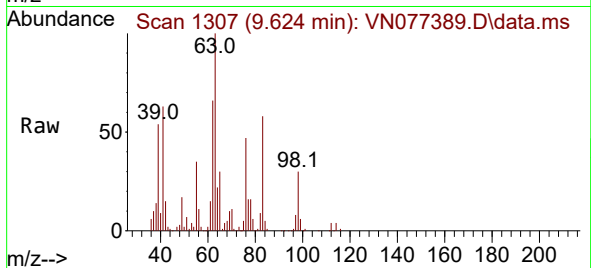
65 29.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 53.603 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

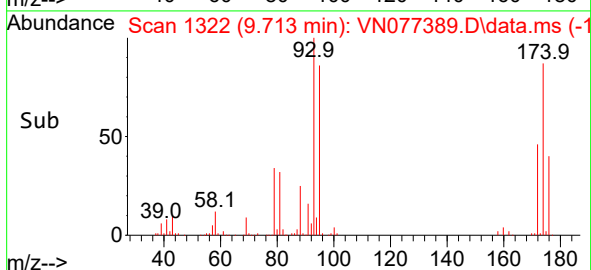
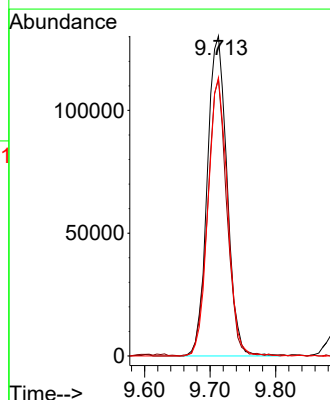
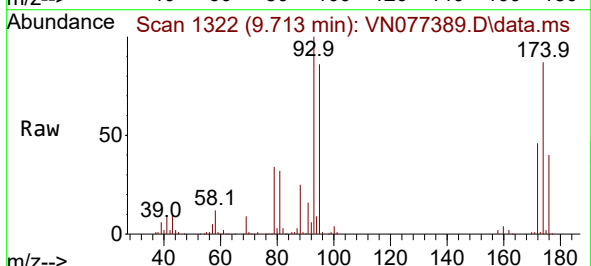
Tgt Ion: 93 Resp: 272499

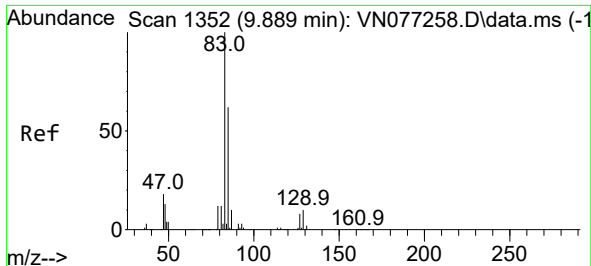
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.6

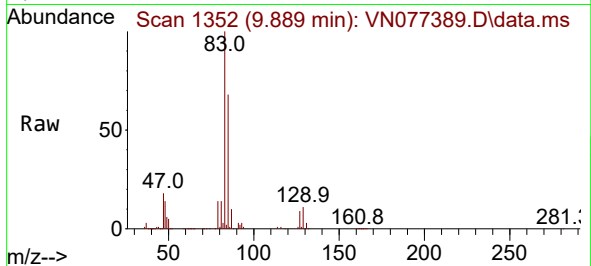
174 85.4 66.0 99.0





#47
Bromodichloromethane
Concen: 54.264 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

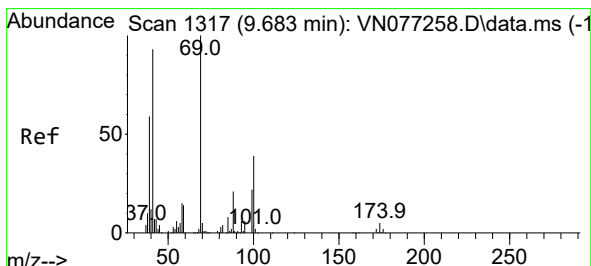
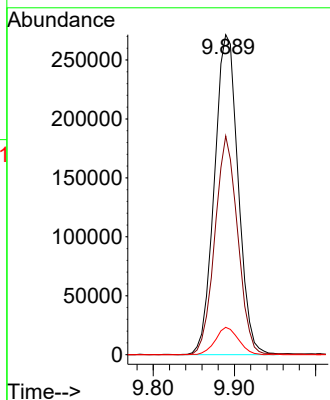
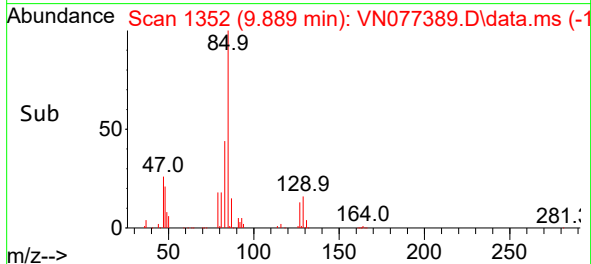
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 55138
Ion Ratio Lower Upper
83 100
85 68.3 49.8 74.8
127 8.6 6.2 9.2

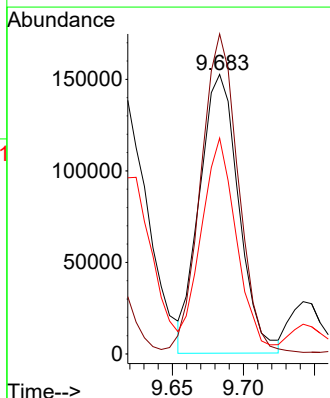
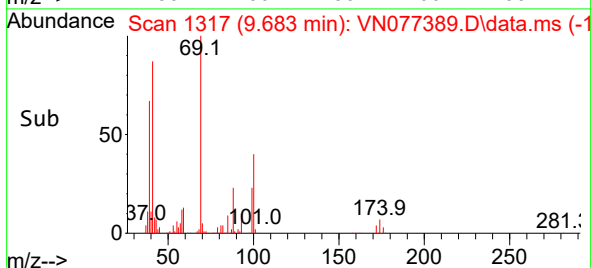
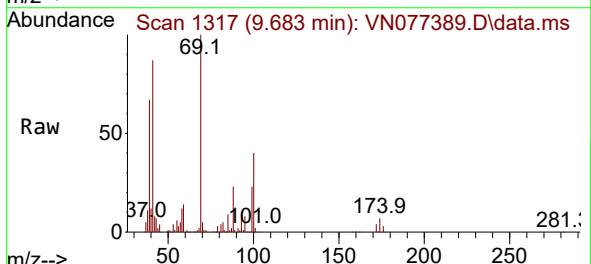
Manual Integrations
APPROVED

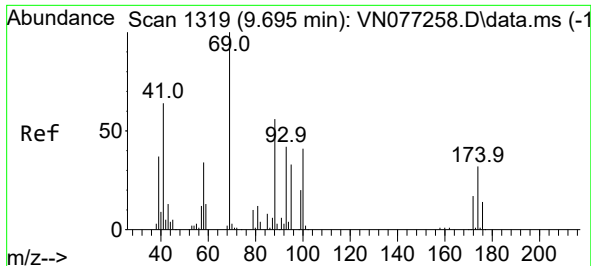
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 45.556 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

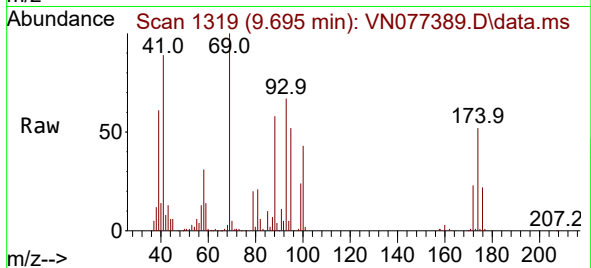
Tgt Ion: 41 Resp: 292233
Ion Ratio Lower Upper
41 100
69 109.3 85.0 127.6
39 70.2 53.5 80.3





#49
1,4-Dioxane
Concen: 815.578 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

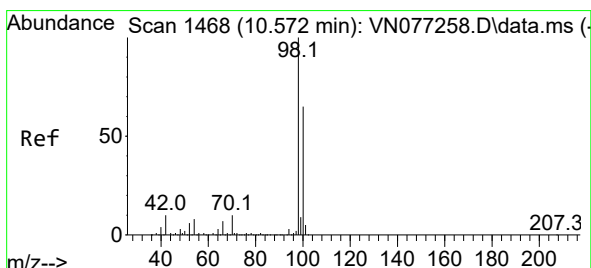
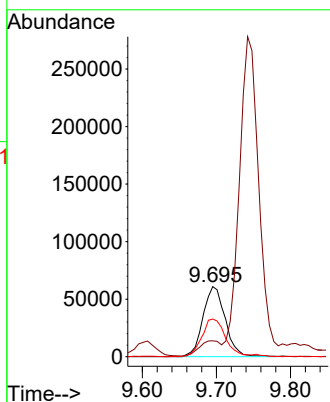
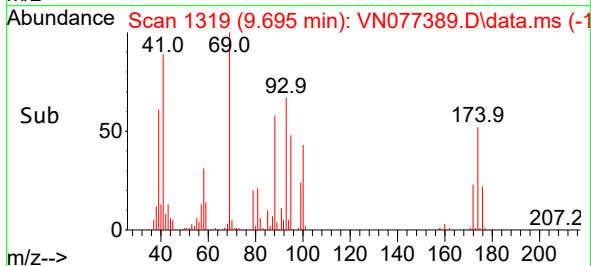
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 12684
Ion Ratio Lower Upper
88 100
43 20.9 17.0 25.6
58 58.4 49.8 74.6

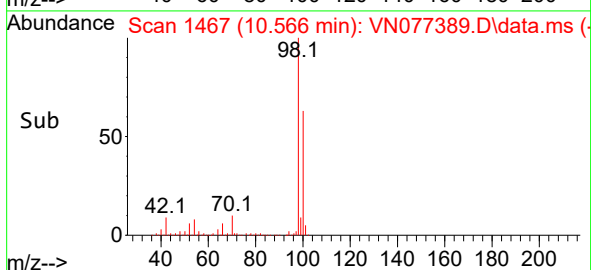
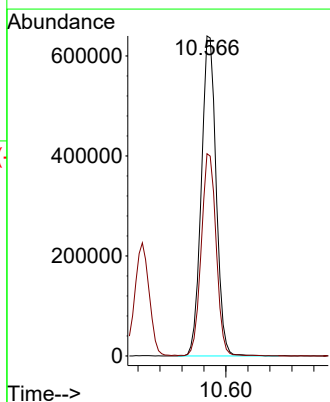
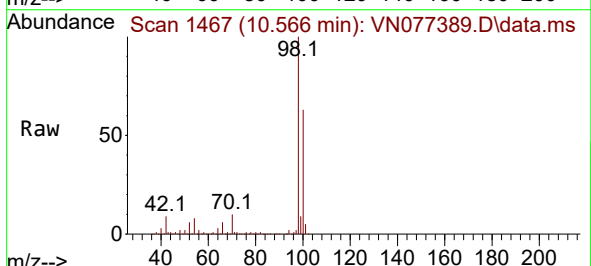
Manual Integrations
APPROVED

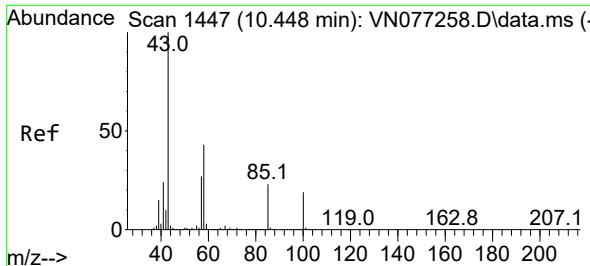
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#50
Toluene-d8
Concen: 48.190 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

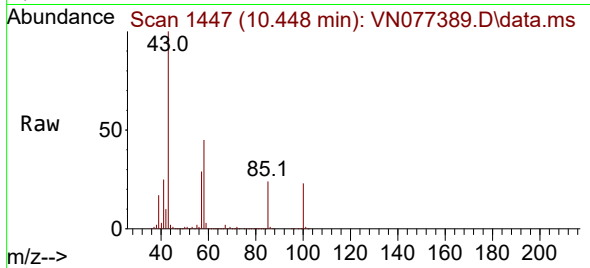
Tgt Ion: 98 Resp: 1194731
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 212.461 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

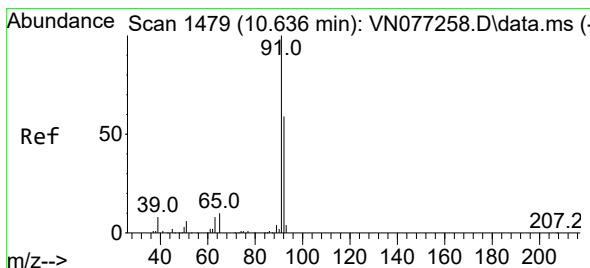
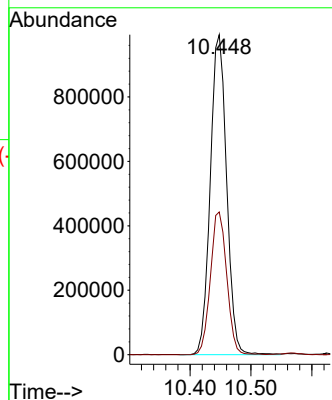
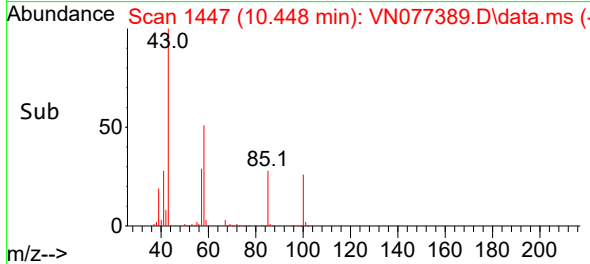
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



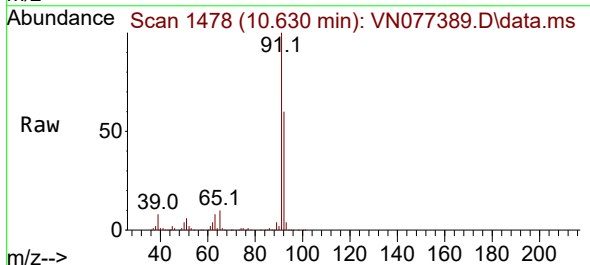
Tgt Ion: 43 Resp: 1846718
Ion Ratio Lower Upper
43 100
58 44.6 34.6 52.0

Manual Integrations
APPROVED

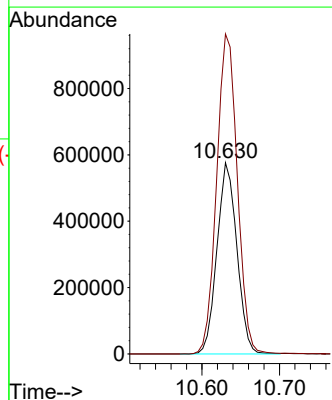
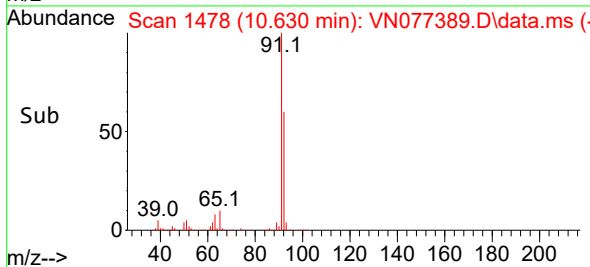
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

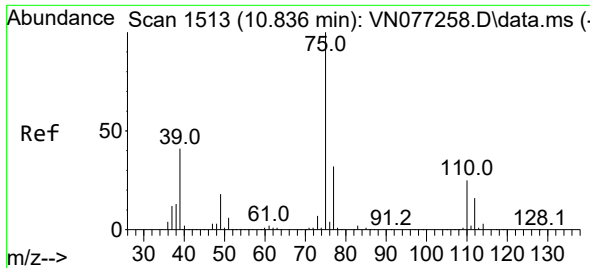


#52
Toluene
Concen: 55.445 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



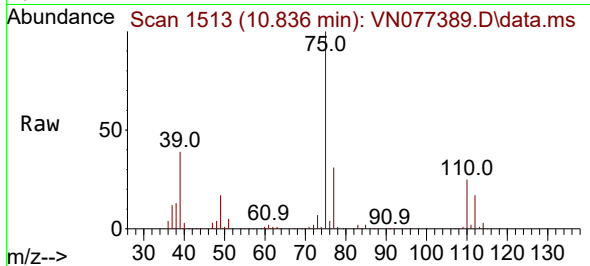
Tgt Ion: 92 Resp: 1031038
Ion Ratio Lower Upper
92 100
91 173.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 54.584 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

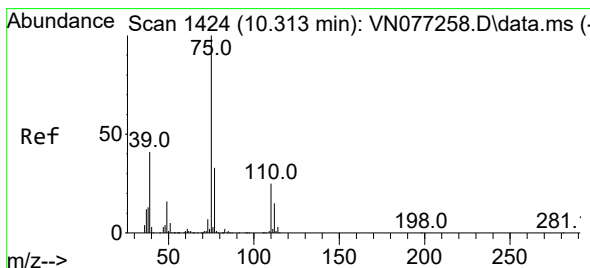
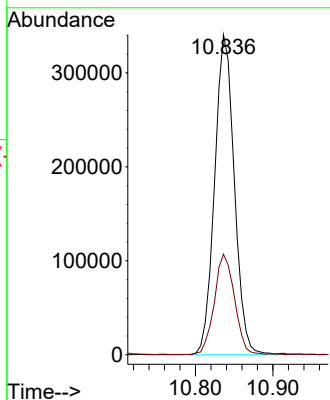
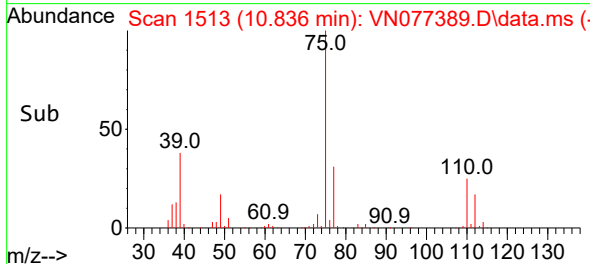
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 602272
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

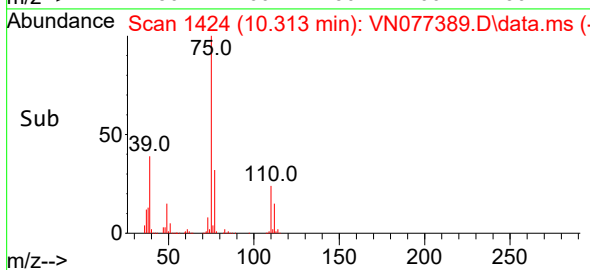
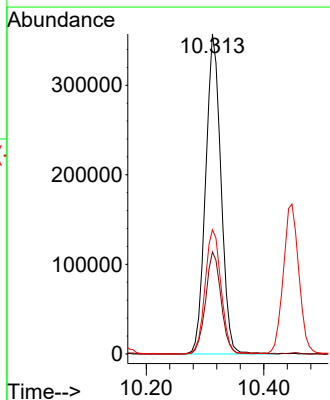
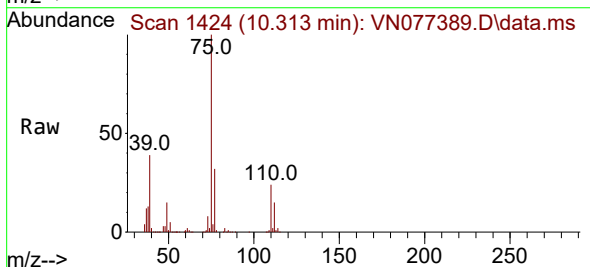
Manual Integrations
APPROVED

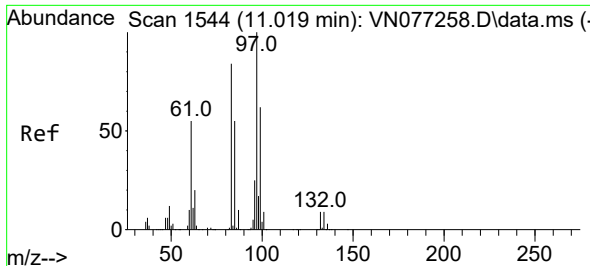
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
cis-1,3-Dichloropropene
Concen: 54.966 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

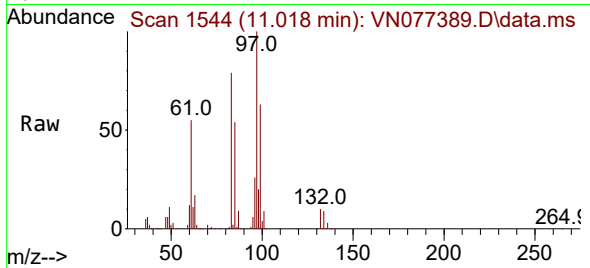
Tgt Ion: 75 Resp: 646014
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
39 38.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 53.885 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

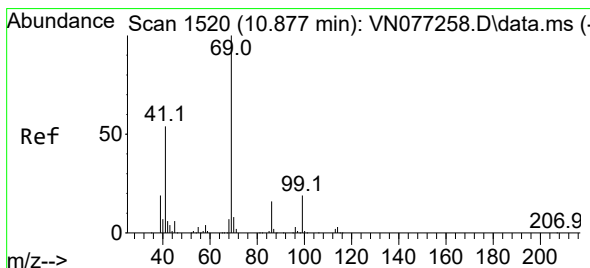
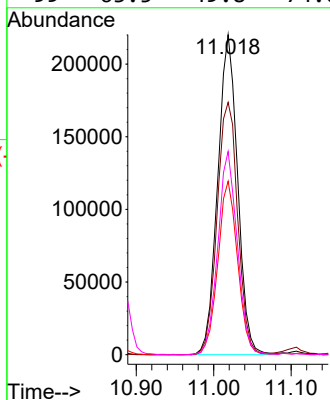
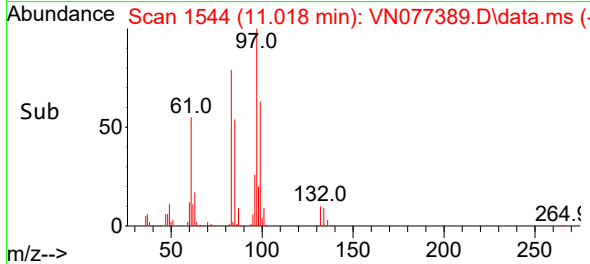
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 39334
Ion Ratio Lower Upper
97 100
83 78.9 67.4 101.2
85 54.2 44.1 66.1
99 63.5 49.8 74.6

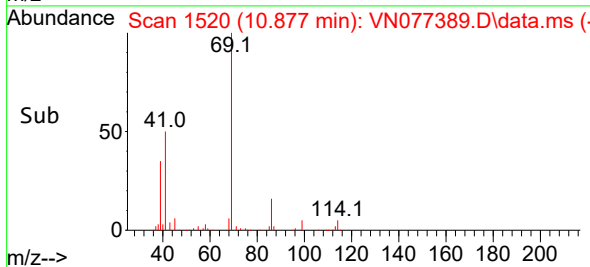
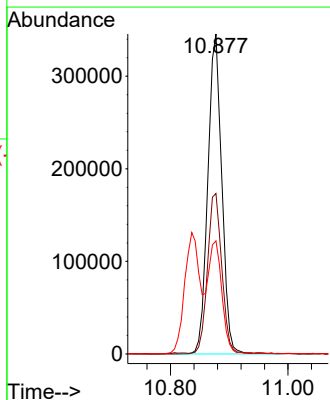
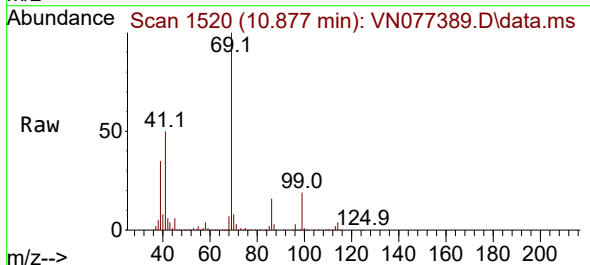
Manual Integrations
APPROVED

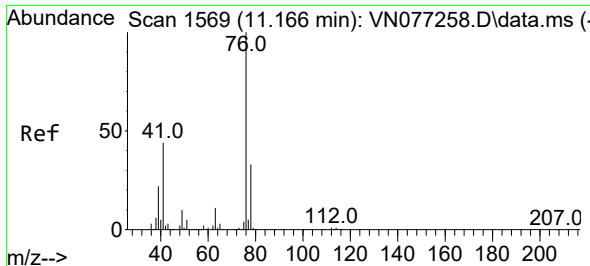
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#56
Ethyl methacrylate
Concen: 50.222 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion: 69 Resp: 571018
Ion Ratio Lower Upper
69 100
41 51.0 42.8 64.2
39 36.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 54.101 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077389.D

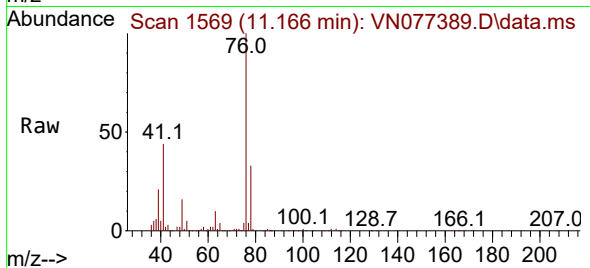
Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 652450

Ion Ratio Lower Upper

76 100

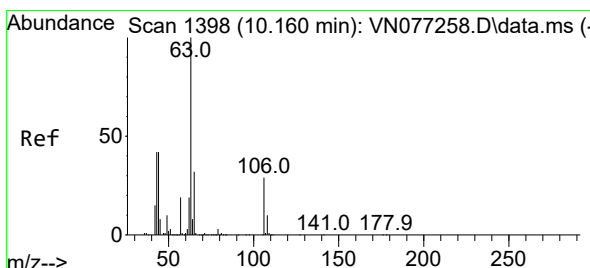
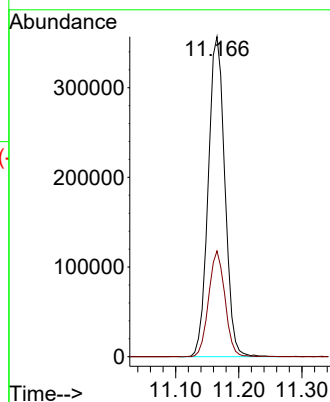
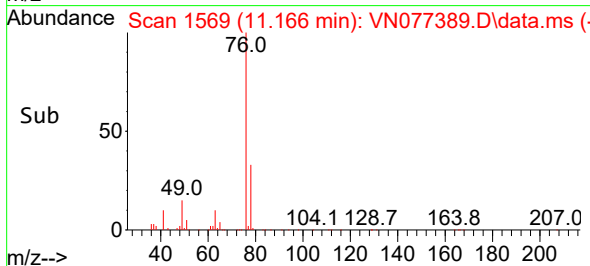
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.452 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077389.D

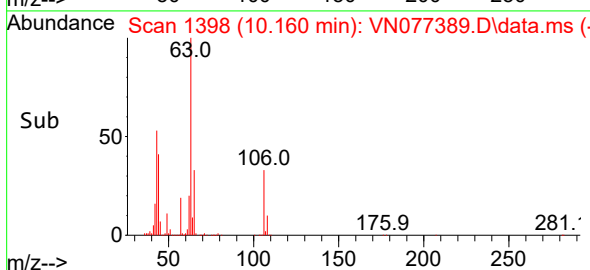
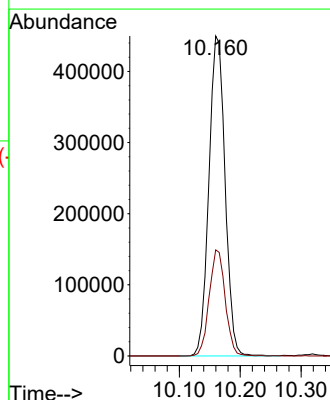
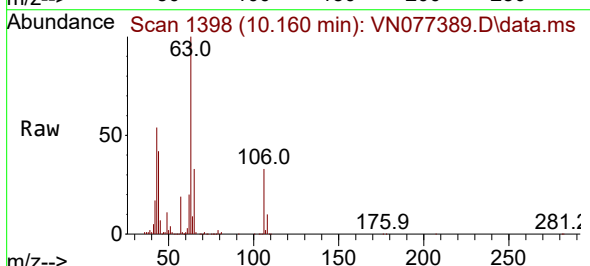
Acq: 20 Apr 2023 10:21

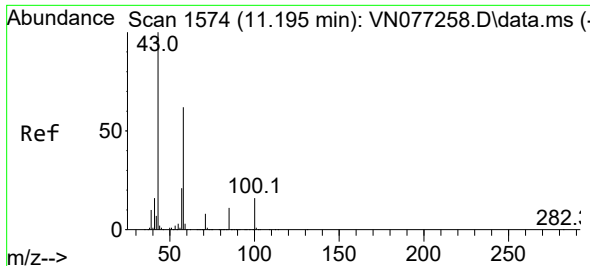
Tgt Ion: 63 Resp: 830746

Ion Ratio Lower Upper

63 100

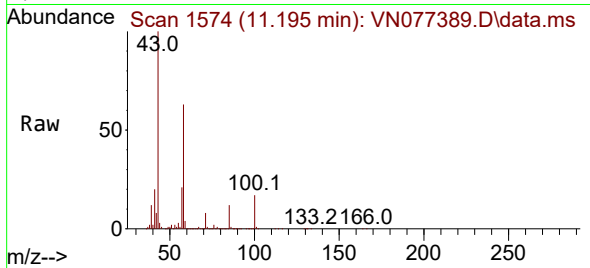
106 32.8 24.1 36.1





#59
2-Hexanone
Concen: 214.762 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

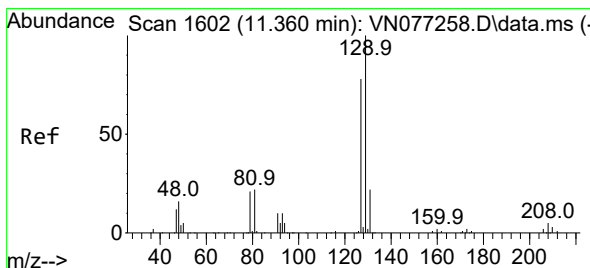
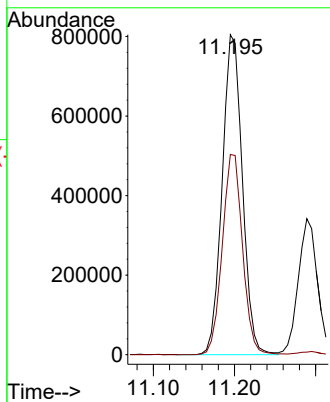
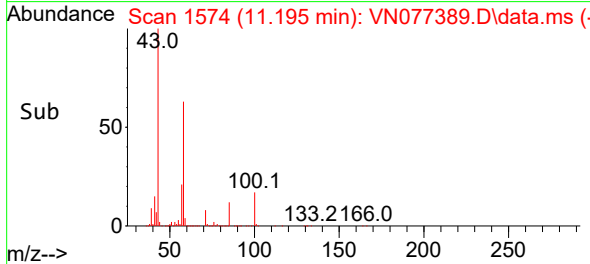
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 139070
Ion Ratio Lower Upper
43 100
58 62.9 30.9 92.5

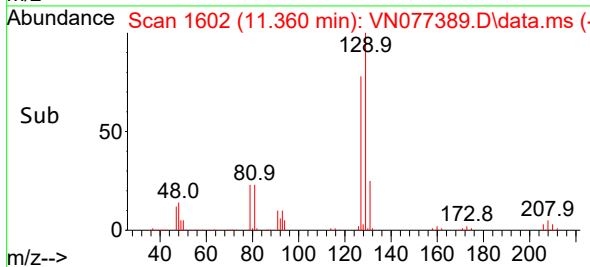
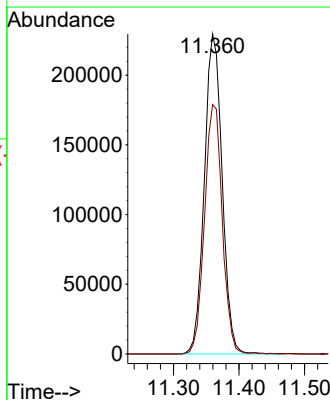
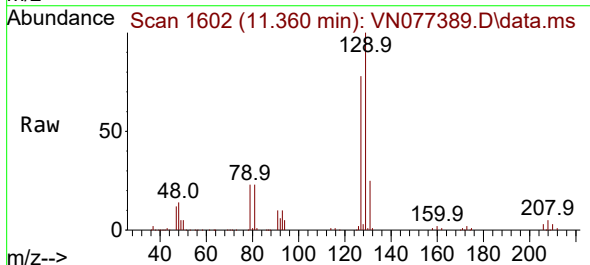
Manual Integrations
APPROVED

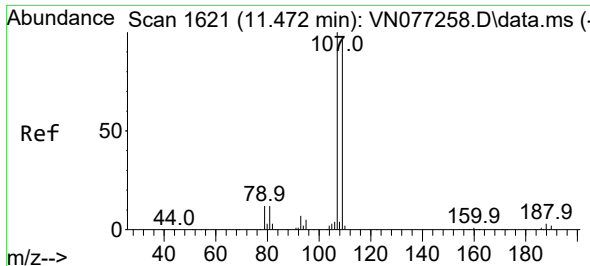
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 57.683 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

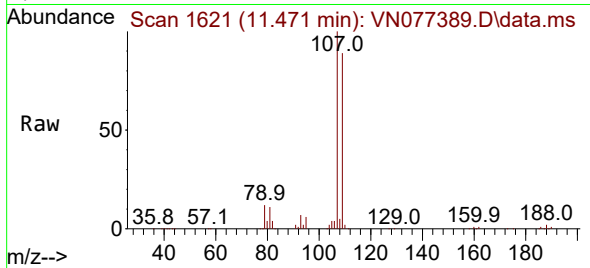
Tgt Ion:129 Resp: 433669
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5





#61
1,2-Dibromoethane
Concen: 56.793 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

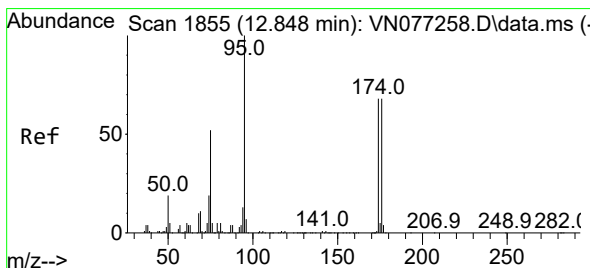
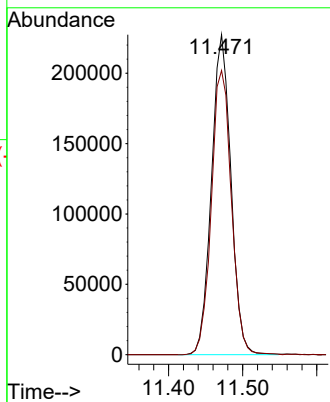
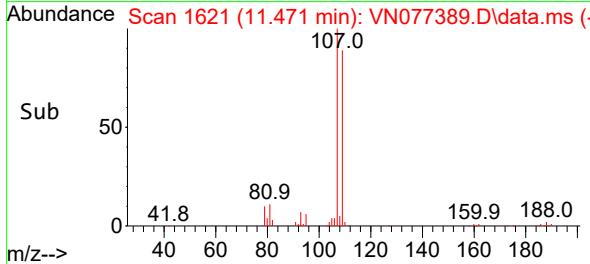
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



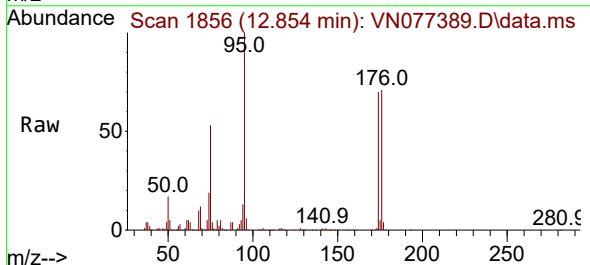
Tgt Ion:107 Resp: 413790
Ion Ratio Lower Upper
107 100
109 91.7 75.2 112.8

Manual Integrations
APPROVED

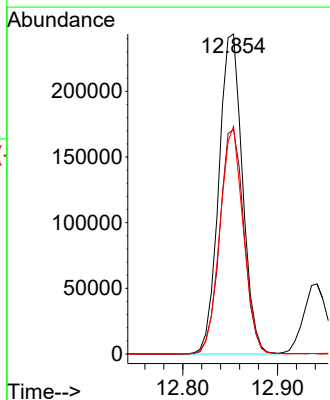
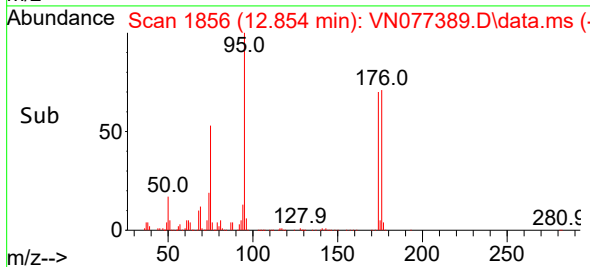
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

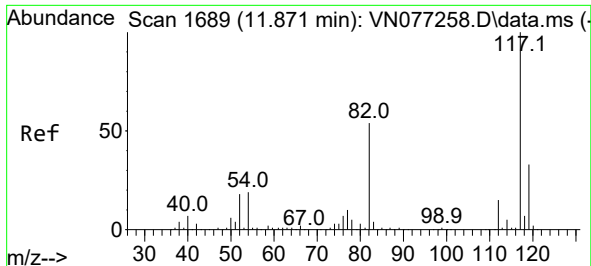


#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



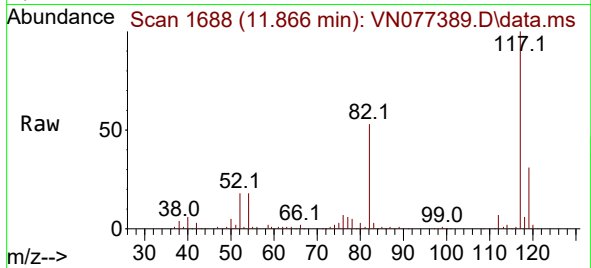
Tgt Ion: 95 Resp: 422933
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.8
176 70.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

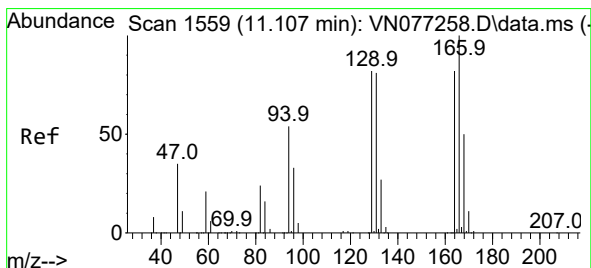
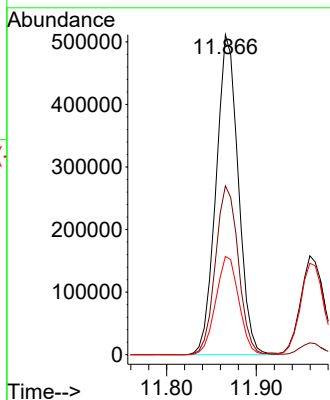
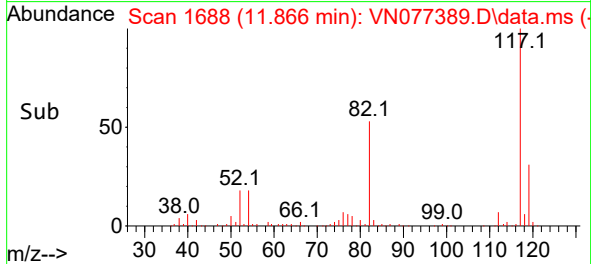
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 87964
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 30.7 26.2 39.4

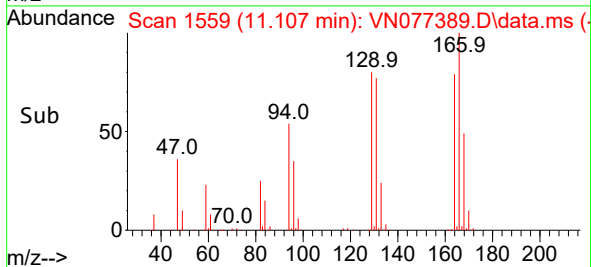
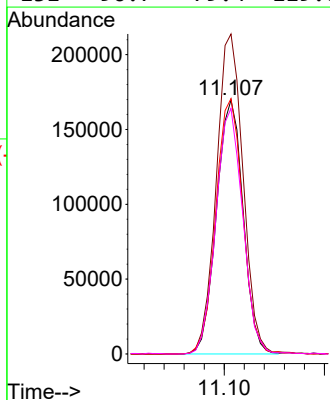
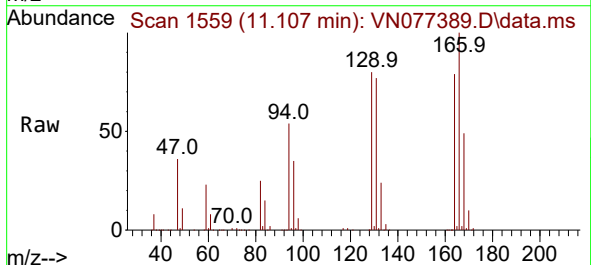
Manual Integrations
APPROVED

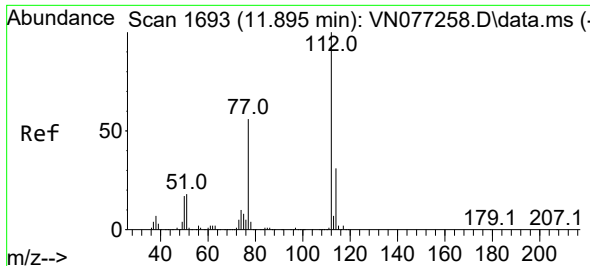
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 57.325 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

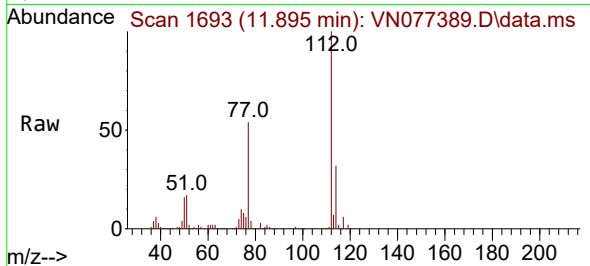
Tgt Ion:164 Resp: 311506
Ion Ratio Lower Upper
164 100
166 126.0 97.8 146.6
129 100.6 80.1 120.1
131 96.7 79.4 119.0





#65
Chlorobenzene
Concen: 56.753 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

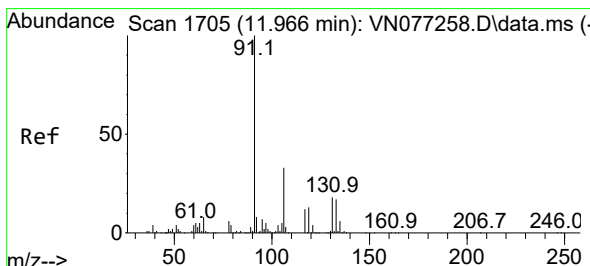
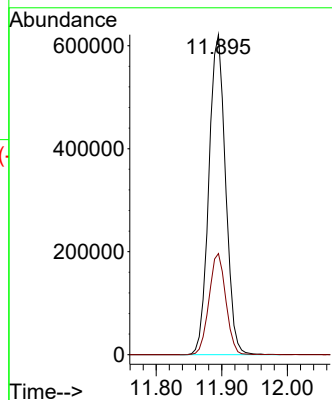
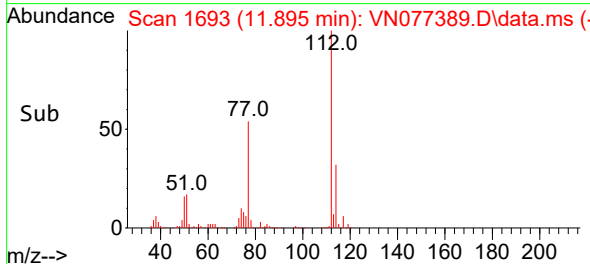
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



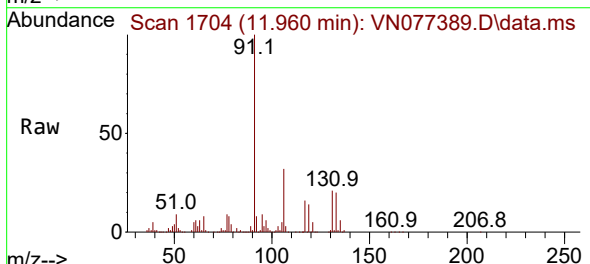
Tgt Ion:112 Resp: 1099094
Ion Ratio Lower Upper
112 100
114 31.6 24.6 36.8

Manual Integrations
APPROVED

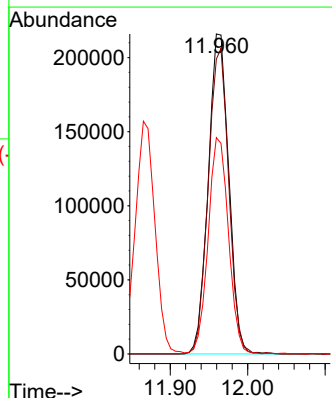
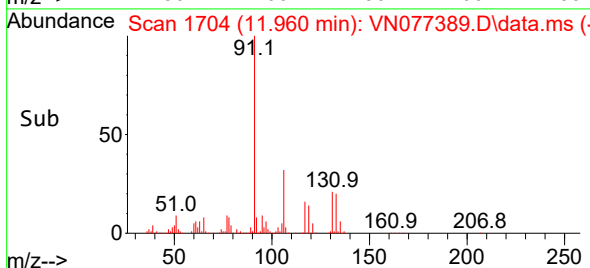
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

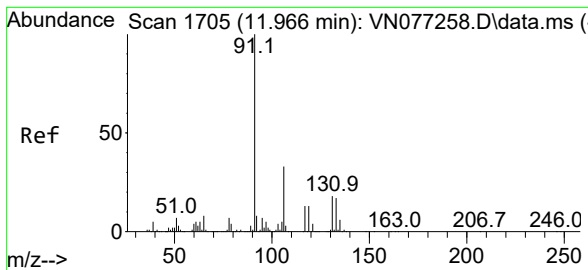


#66
1,1,1,2-Tetrachloroethane
Concen: 54.327 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



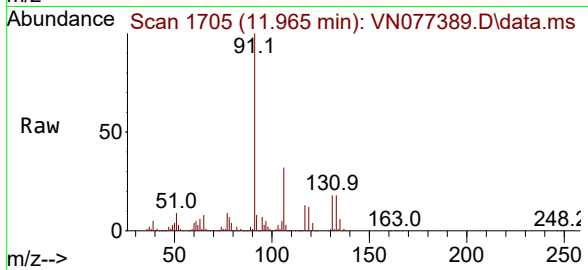
Tgt Ion:131 Resp: 398092
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.6
119 66.6 34.0 102.0





#67
Ethyl Benzene
Concen: 55.448 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

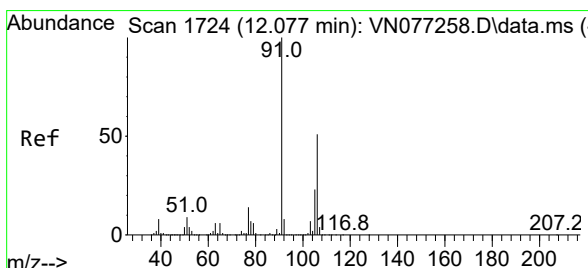
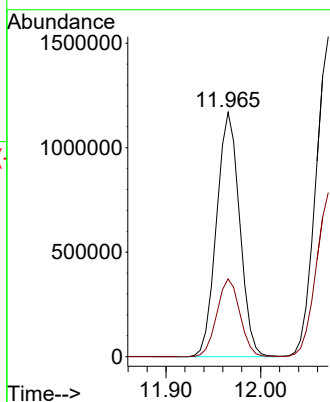
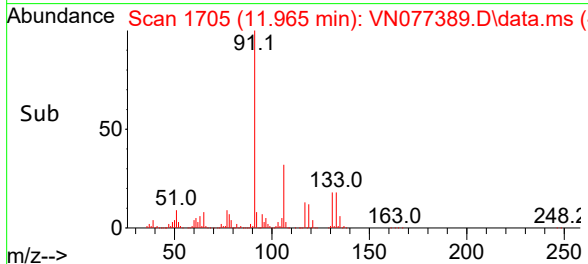
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



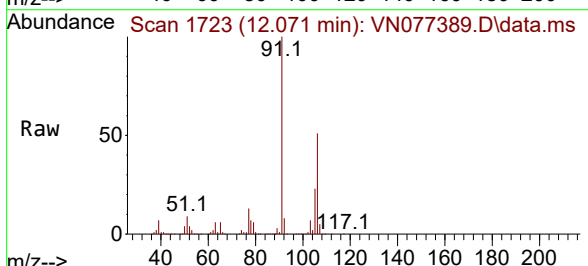
Tgt Ion: 91 Resp: 1981529
Ion Ratio Lower Upper
91 100
106 31.8 26.2 39.2

Manual Integrations
APPROVED

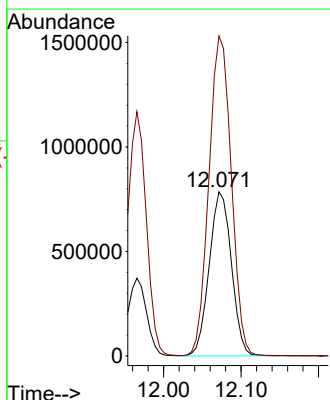
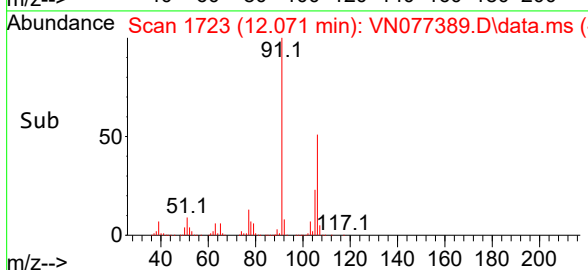
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

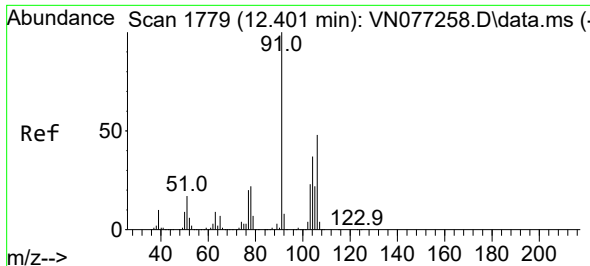


#68
m/p-Xylenes
Concen: 111.191 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



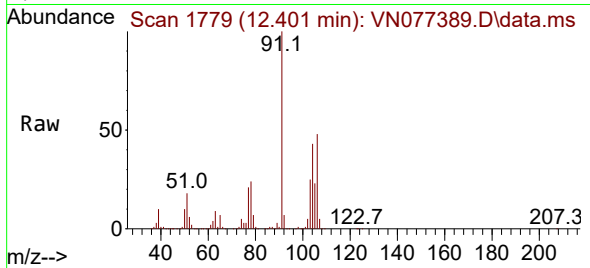
Tgt Ion:106 Resp: 1561329
Ion Ratio Lower Upper
106 100
91 197.2 158.7 238.1





#69
o-Xylene
Concen: 55.573 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

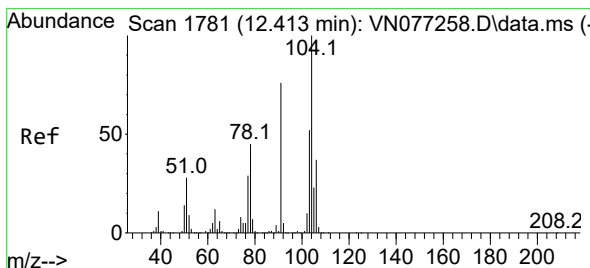
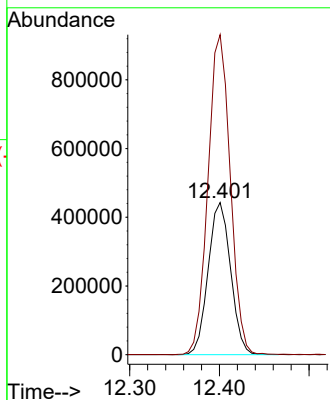
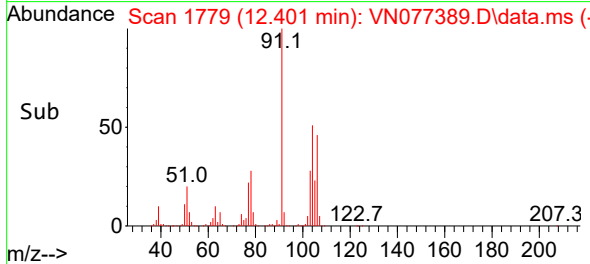
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 769830
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0

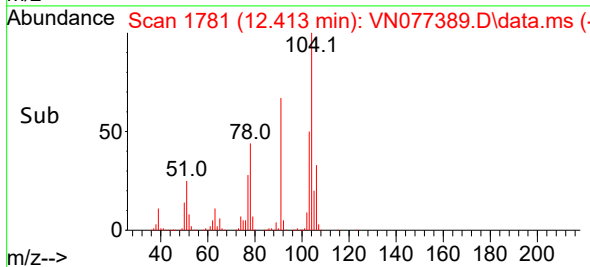
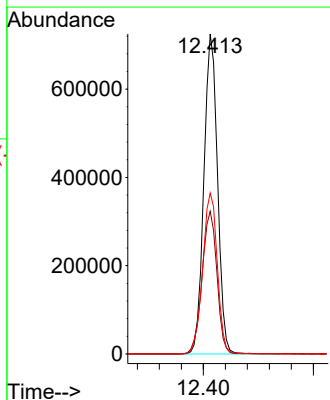
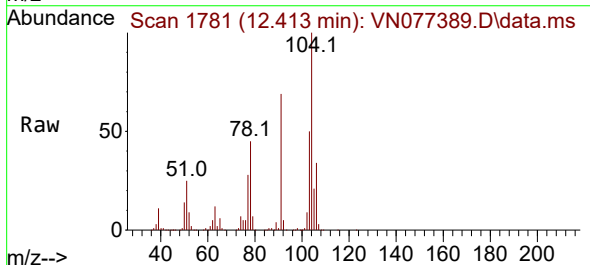
Manual Integrations
APPROVED

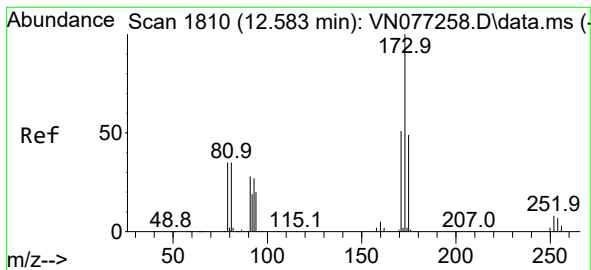
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 55.971 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Tgt Ion:104 Resp: 1247718
Ion Ratio Lower Upper
104 100
78 48.3 38.0 57.0
103 53.9 43.1 64.7





#71

Bromoform

Concen: 54.616 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 281720

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

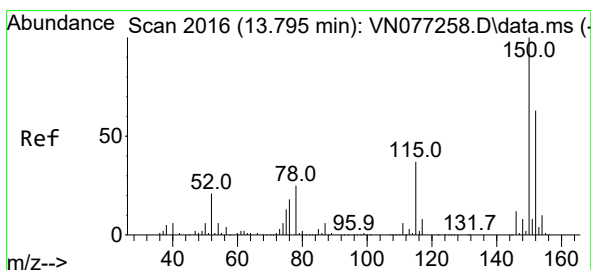
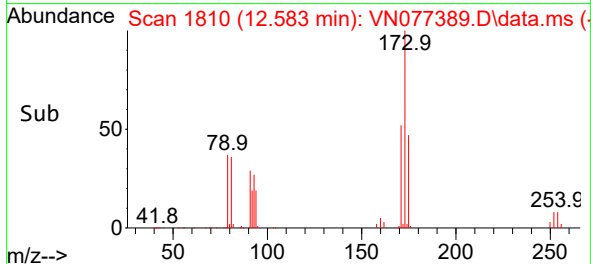
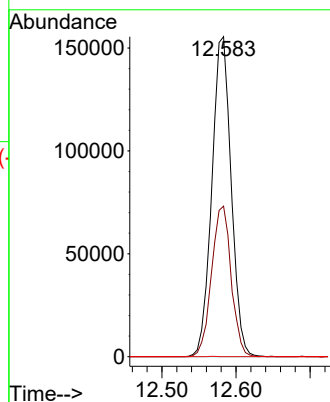
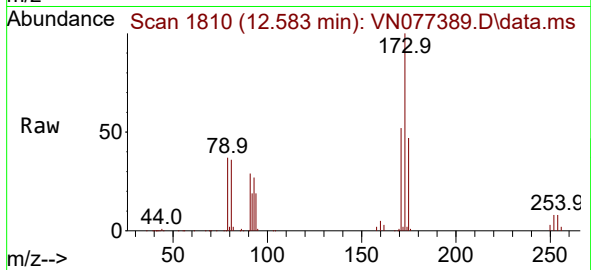
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

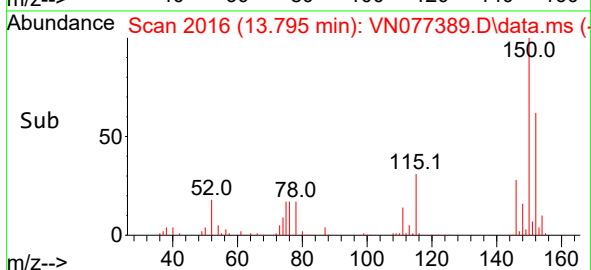
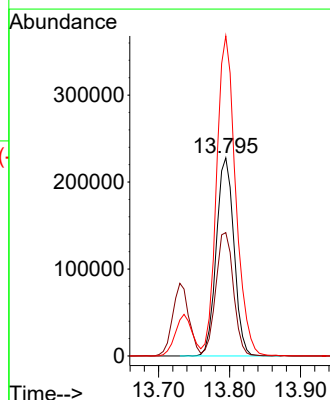
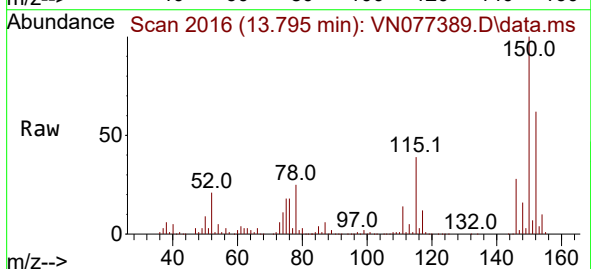
Tgt Ion:152 Resp: 391361

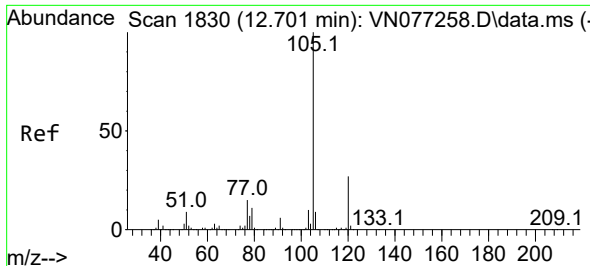
Ion Ratio Lower Upper

152 100

115 62.5 32.1 96.3

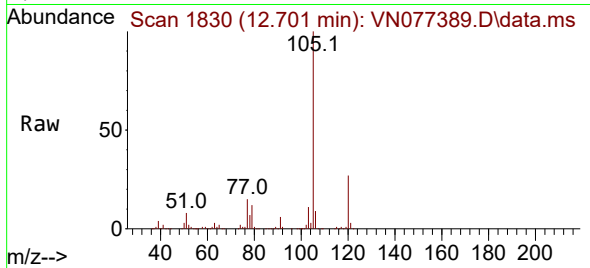
150 174.9 0.0 354.8





#73
Isopropylbenzene
Concen: 52.608 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

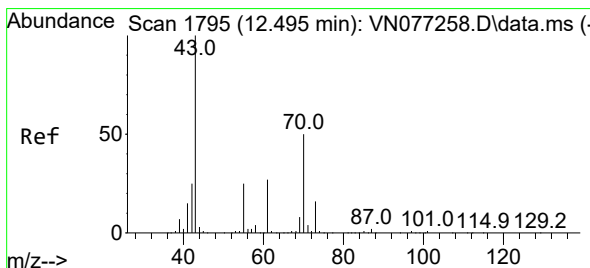
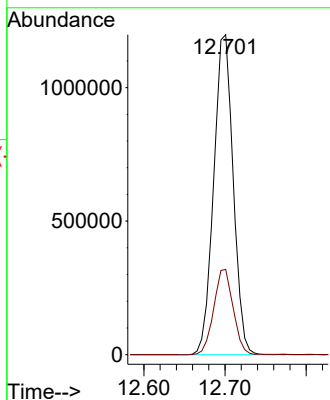
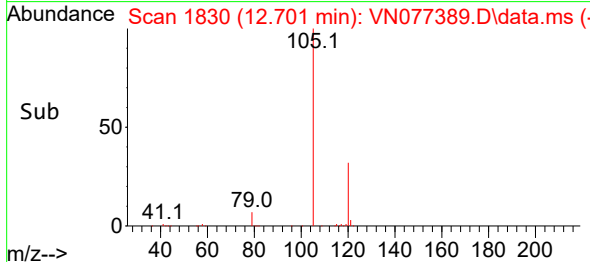
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



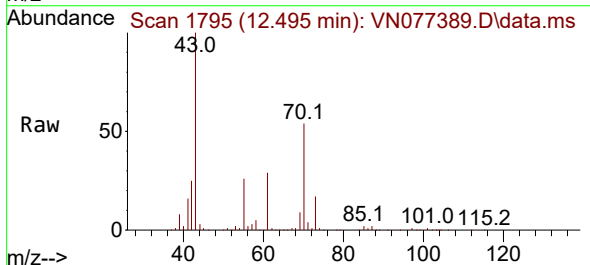
Tgt Ion: 105 Resp: 199975
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

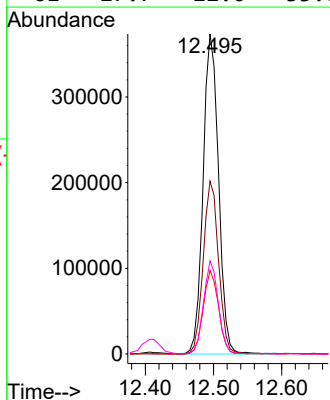
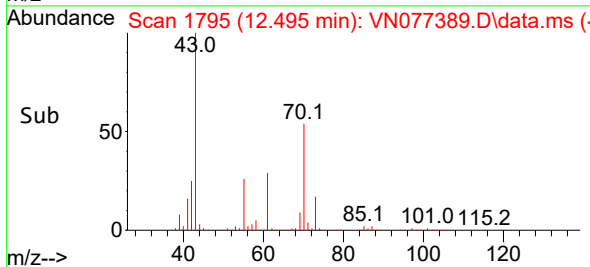
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

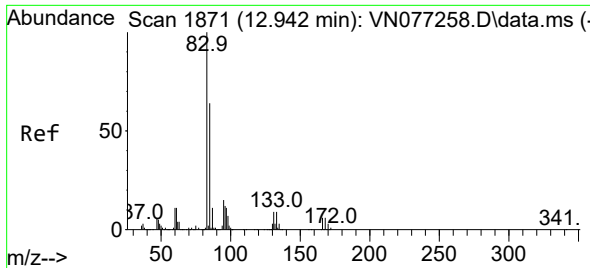


#74
N-ethyl acetate
Concen: 40.883 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



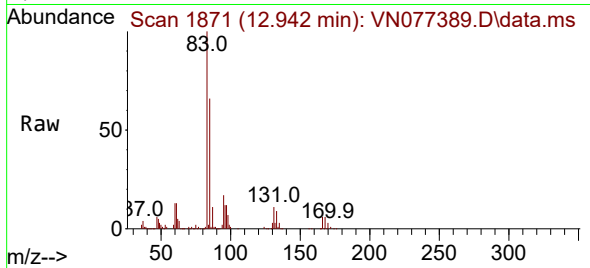
Tgt Ion: 43 Resp: 588938
Ion Ratio Lower Upper
43 100
70 53.8 41.0 61.6
55 25.8 19.3 28.9
61 27.7 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 46.826 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

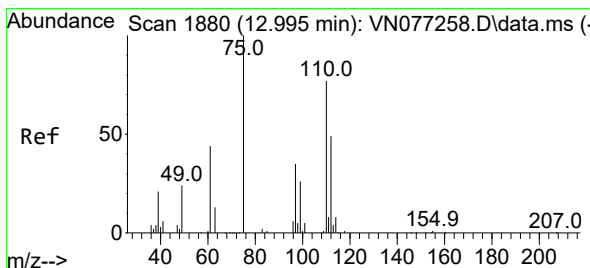
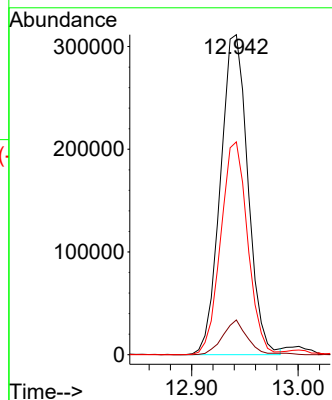
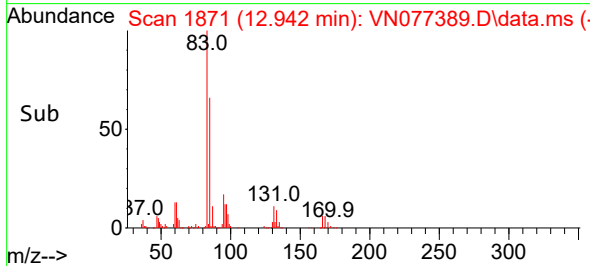
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 55860
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 65.2 32.1 96.3

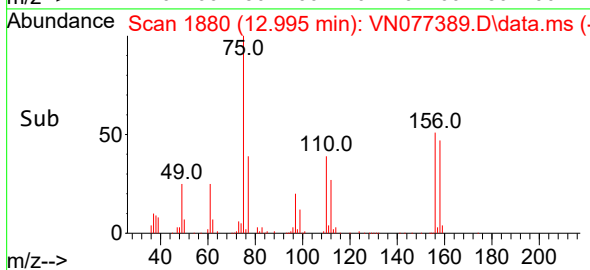
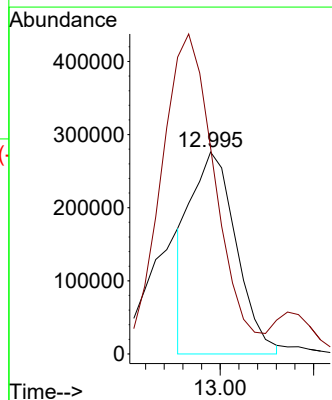
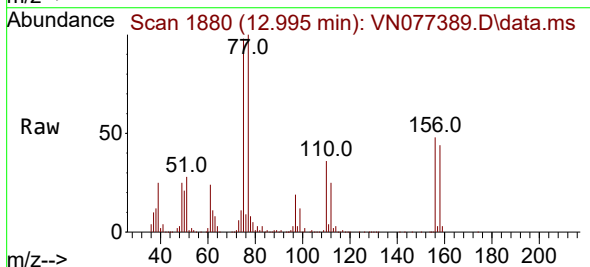
Manual Integrations
APPROVED

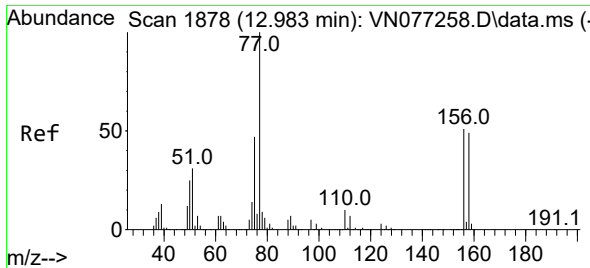
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 50.374 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

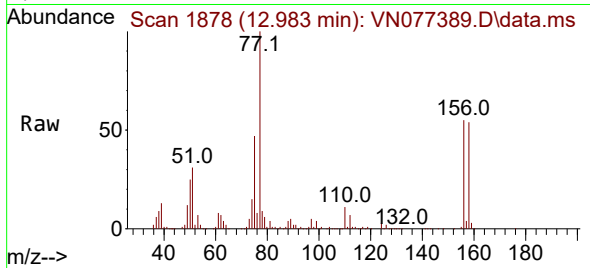
Tgt Ion: 75 Resp: 469458
Ion Ratio Lower Upper
75 100
77 189.7 88.3 264.9





#77
Bromobenzene
Concen: 54.769 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

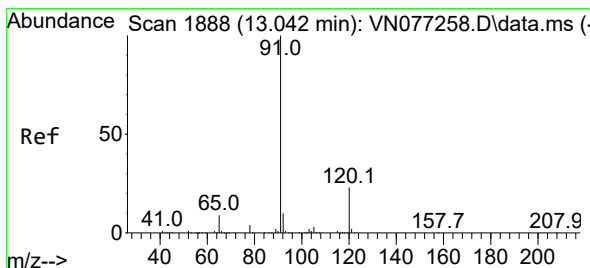
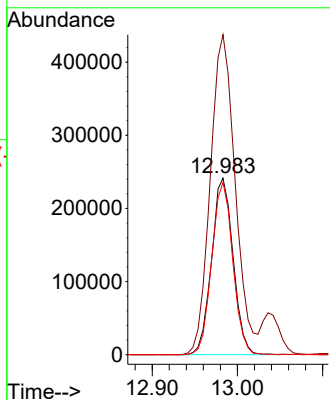
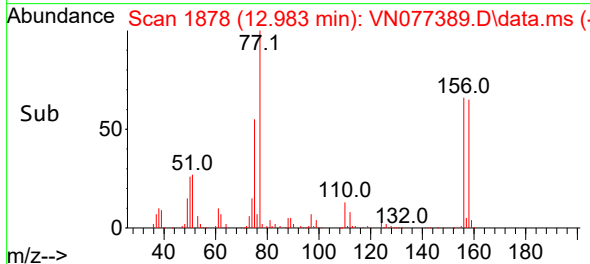
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



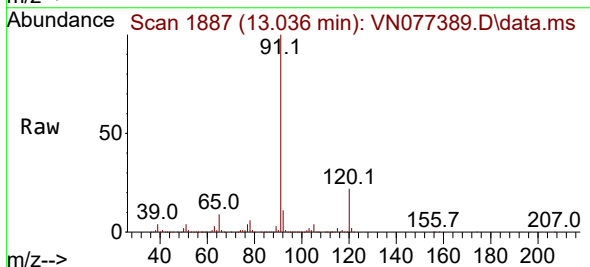
Tgt Ion: 156 Resp: 423319
Ion Ratio Lower Upper
156 100
77 210.4 115.3 345.8
158 95.3 49.3 147.8

Manual Integrations
APPROVED

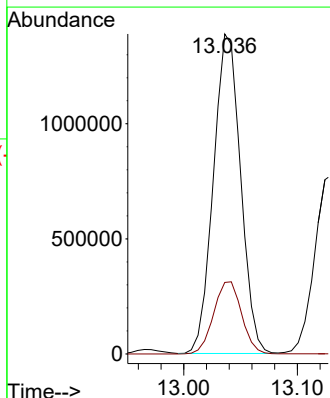
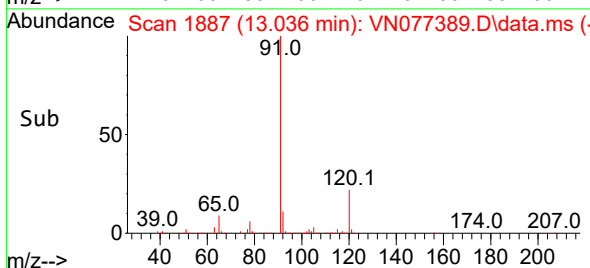
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

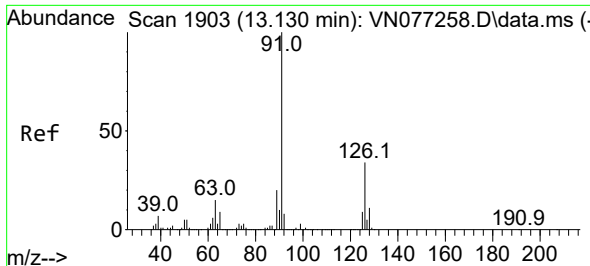


#78
n-propylbenzene
Concen: 55.042 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



Tgt Ion: 91 Resp: 2311817
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





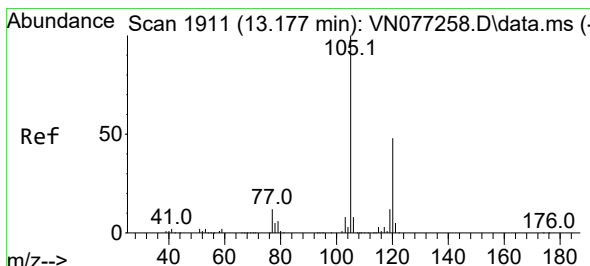
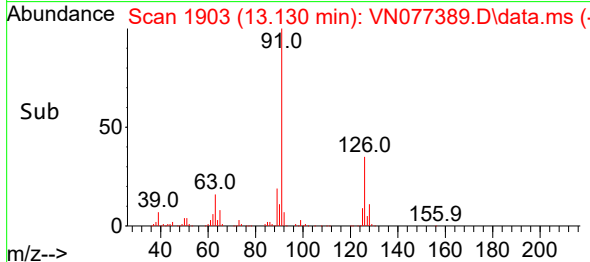
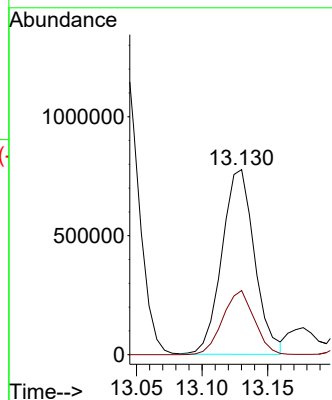
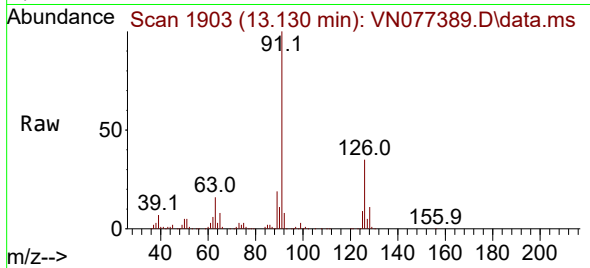
#79
2-Chlorotoluene
Concen: 53.187 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 134511
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

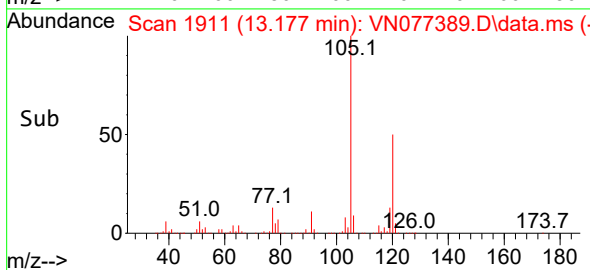
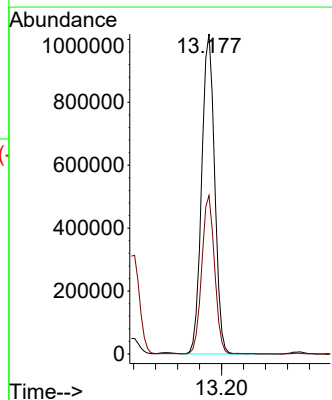
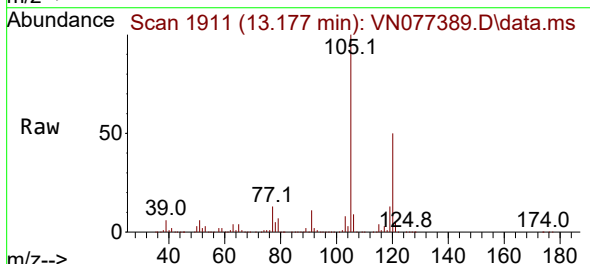
Manual Integrations
APPROVED

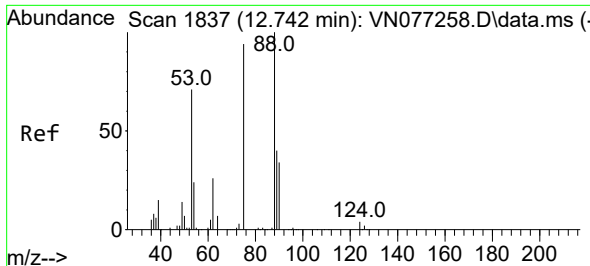
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.034 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

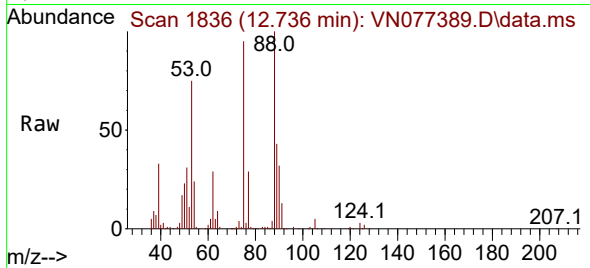
Tgt Ion:105 Resp: 1670889
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.520 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

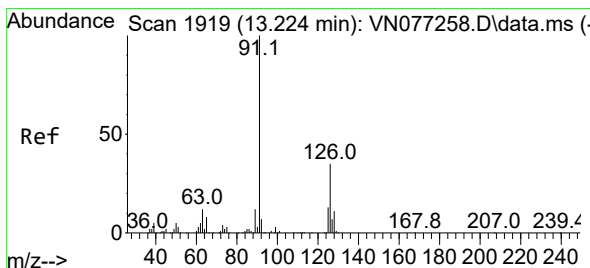
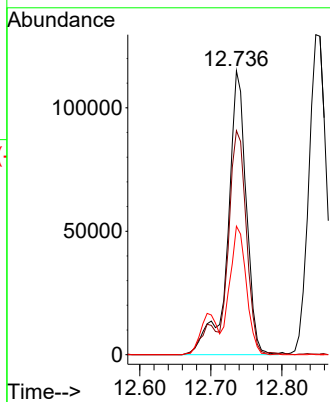
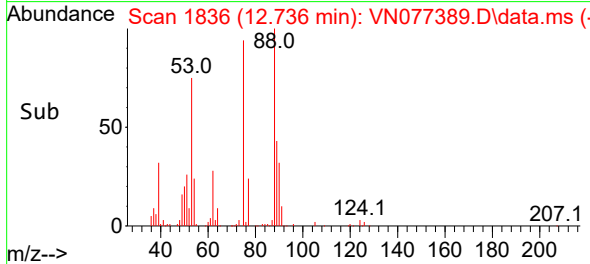
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 209219
Ion Ratio Lower Upper
75 100
53 73.6 72.8 109.2
89 40.7 37.4 56.2

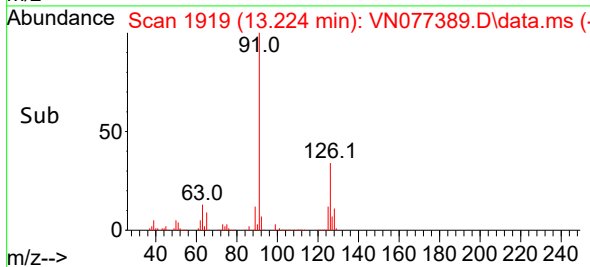
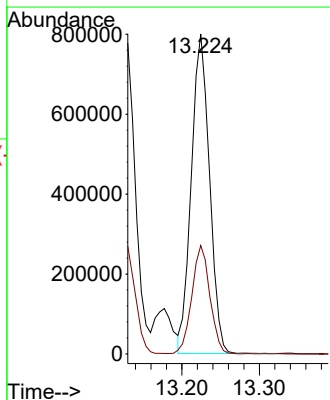
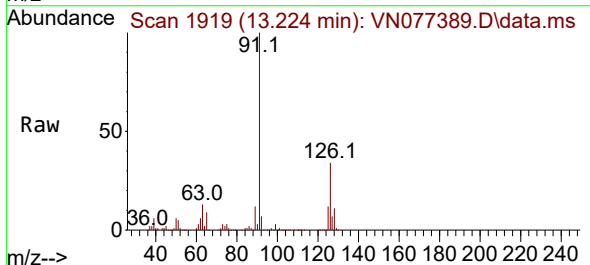
Manual Integrations
APPROVED

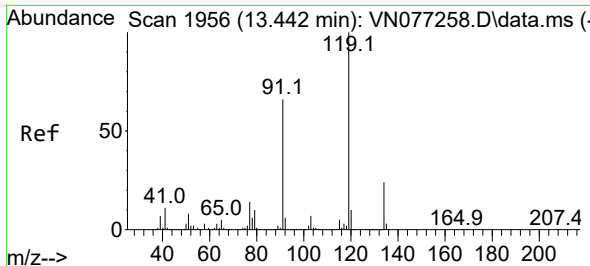
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 54.528 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

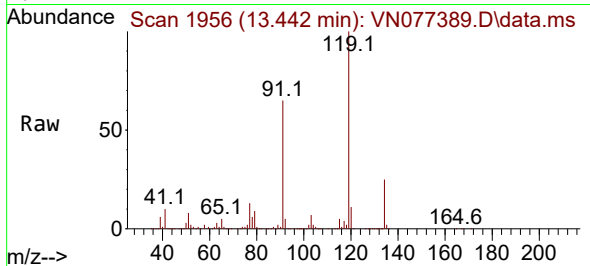
Tgt Ion: 91 Resp: 1300206
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 53.269 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

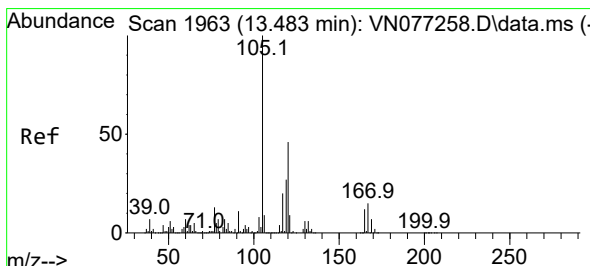
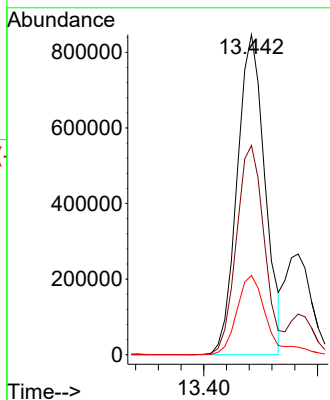
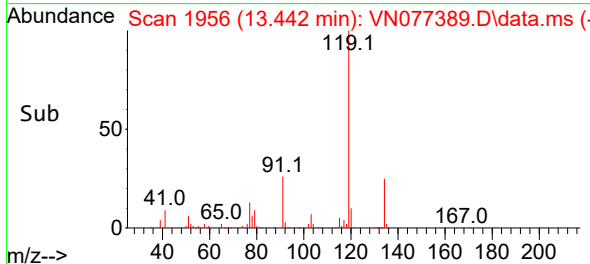
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



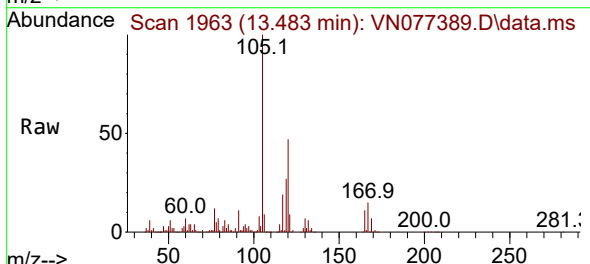
Tgt Ion:119 Resp: 1439564
Ion Ratio Lower Upper
119 100
91 66.3 33.5 100.4
134 26.6 13.3 39.9

Manual Integrations
APPROVED

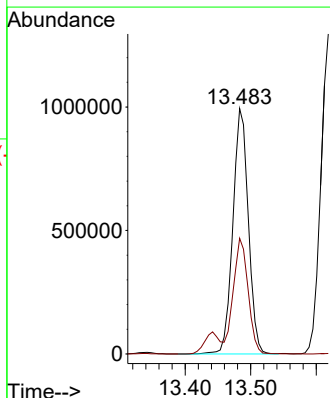
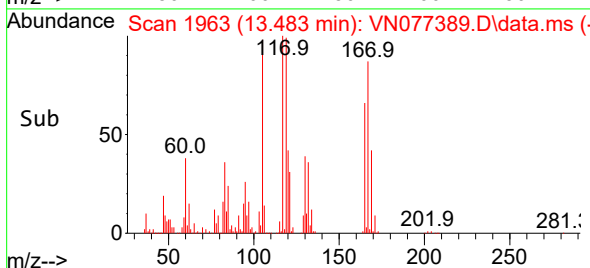
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

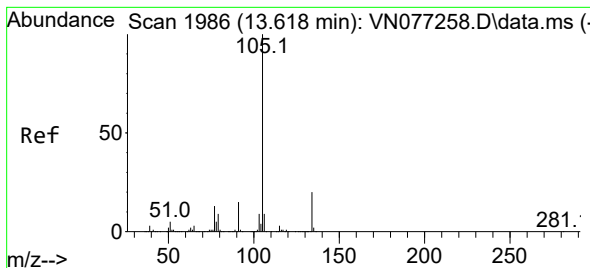


#84
1,2,4-Trimethylbenzene
Concen: 54.345 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



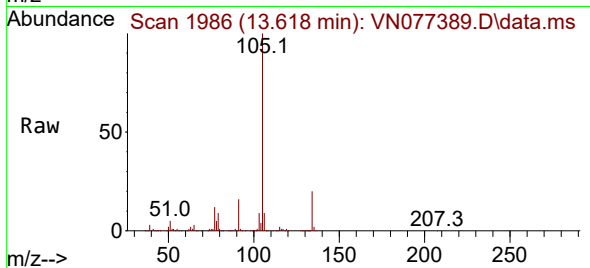
Tgt Ion:105 Resp: 1630058
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 55.611 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077389.D
 Acq: 20 Apr 2023 10:21

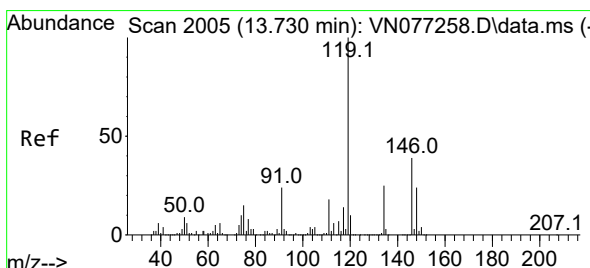
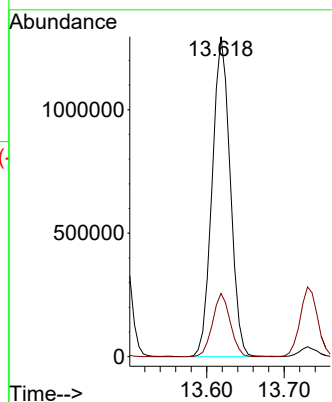
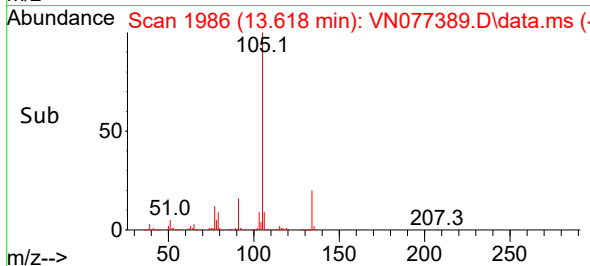
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



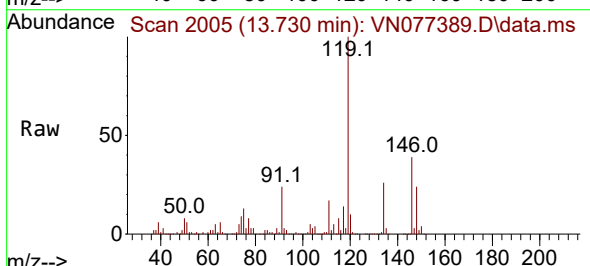
Tgt Ion:105 Resp: 2094435
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

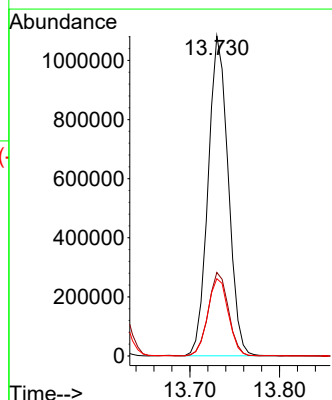
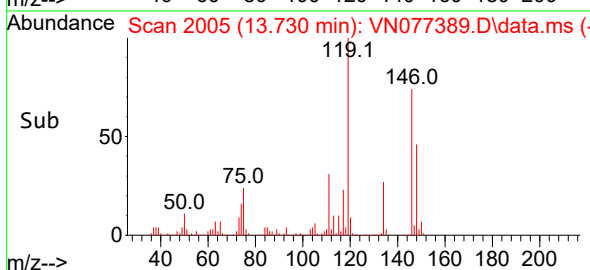
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

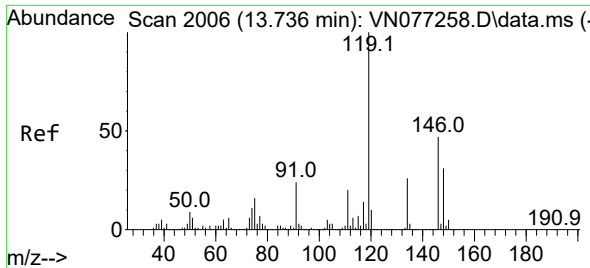


#86
 p-Isopropyltoluene
 Concen: 56.846 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077389.D
 Acq: 20 Apr 2023 10:21



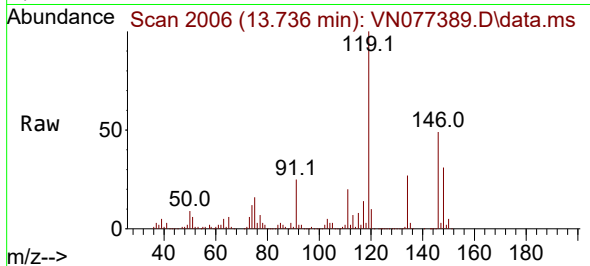
Tgt Ion:119 Resp: 1682600
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.7 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 55.946 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

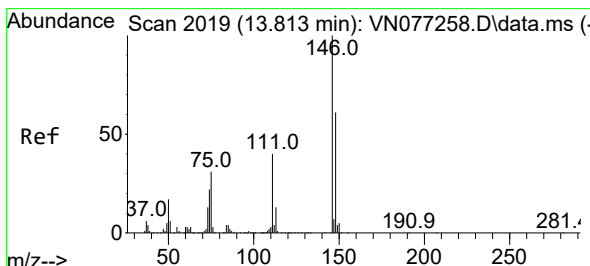
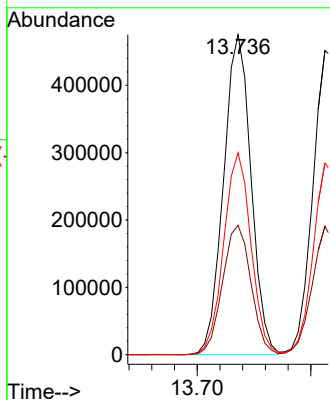
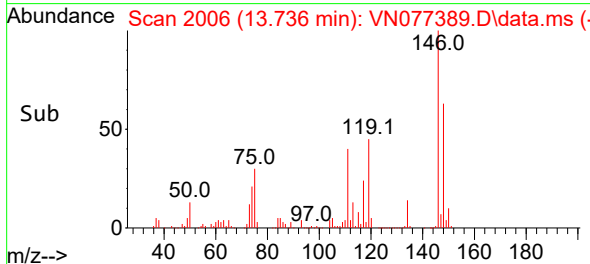
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 799999
Ion Ratio Lower Upper
146 100
111 41.8 21.8 65.4
148 62.7 31.7 95.1

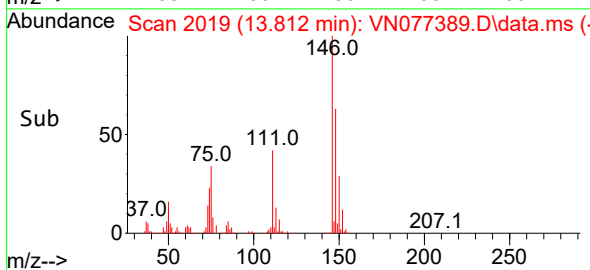
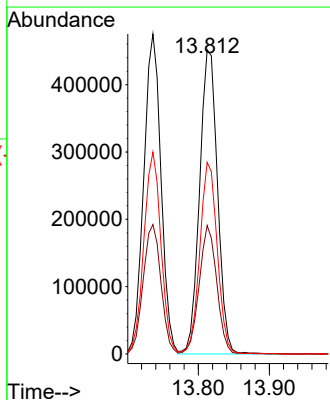
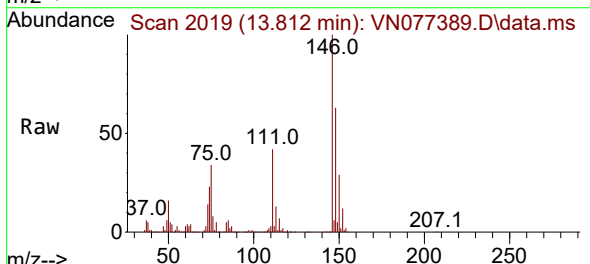
Manual Integrations
APPROVED

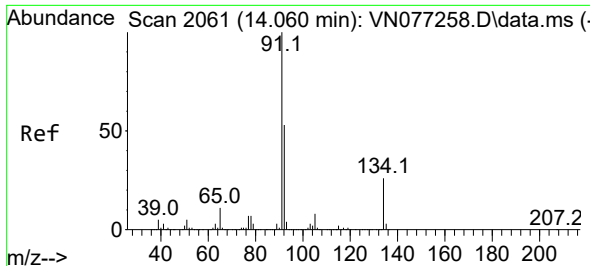
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#88
1,4-Dichlorobenzene
Concen: 56.307 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

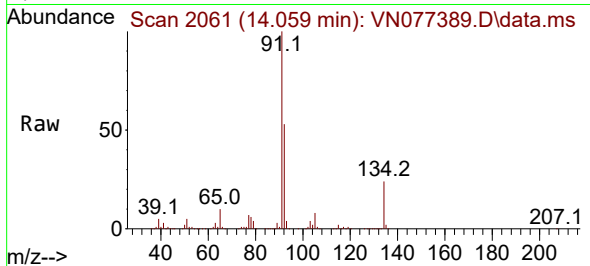
Tgt Ion:146 Resp: 794000
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.2
148 61.2 31.6 95.0





#89
n-Butylbenzene
Concen: 59.761 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

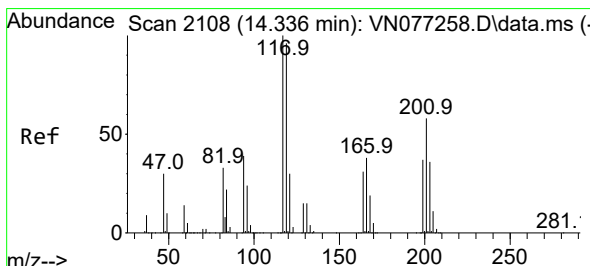
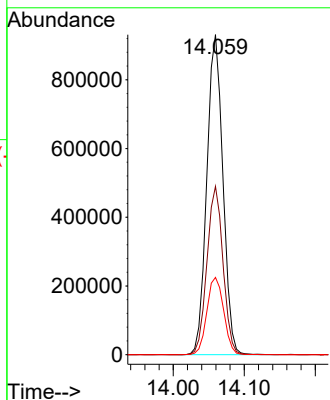
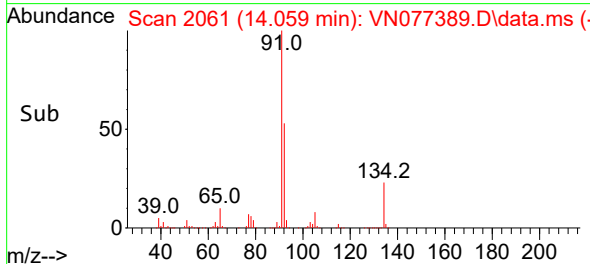
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1468460
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.0
134 25.2 12.8 38.3

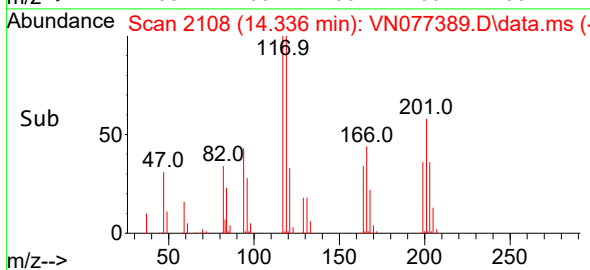
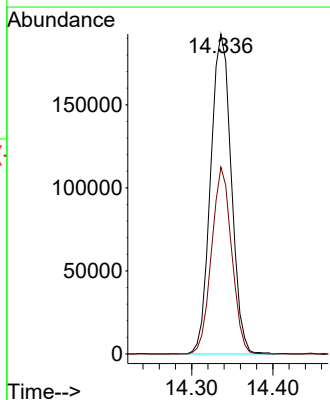
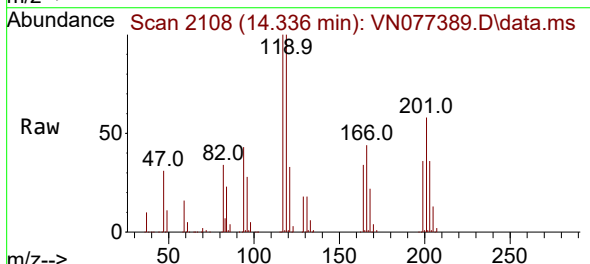
Manual Integrations
APPROVED

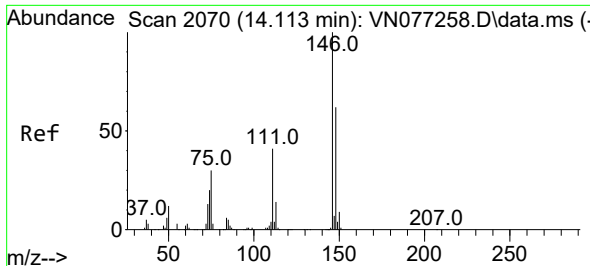
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 52.584 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

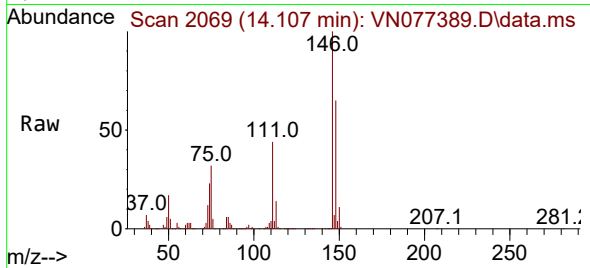
Tgt Ion:117 Resp: 340315
Ion Ratio Lower Upper
117 100
201 56.9 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 54.418 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21

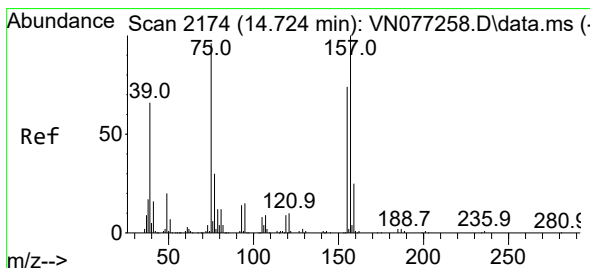
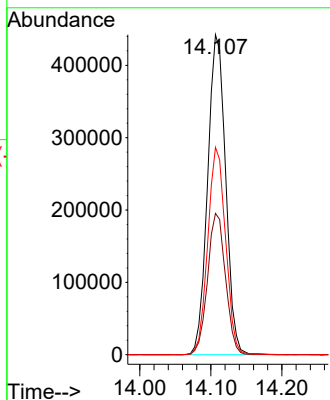
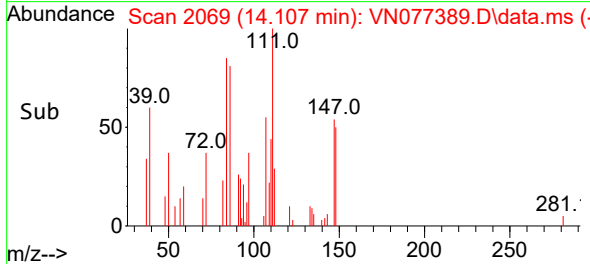
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



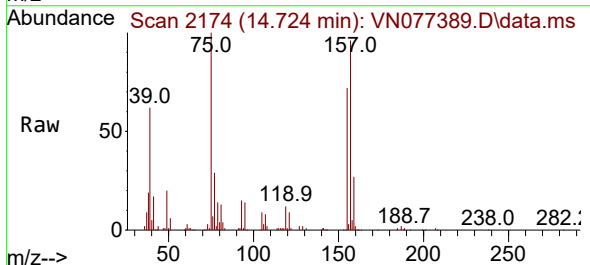
Tgt Ion:146 Resp: 778454
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.5
148 64.2 31.9 95.5

Manual Integrations
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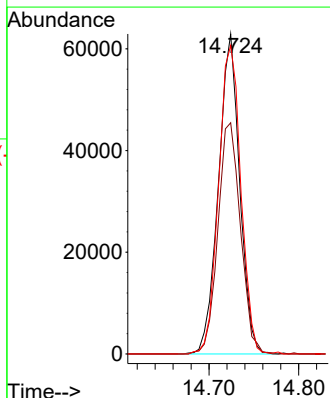
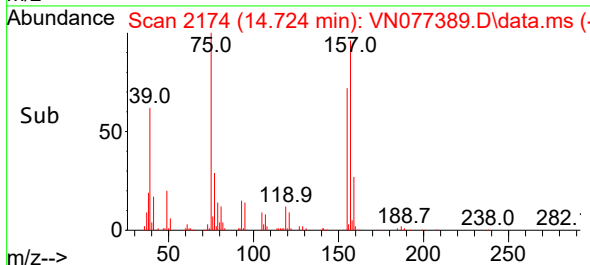
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

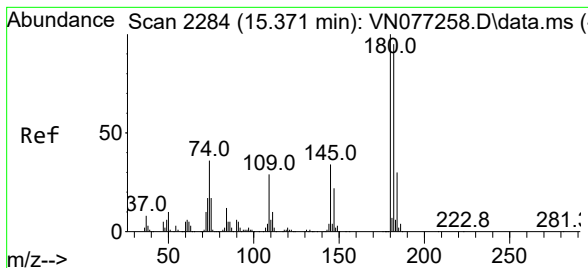


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.720 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077389.D
Acq: 20 Apr 2023 10:21



Tgt Ion: 75 Resp: 103363
Ion Ratio Lower Upper
75 100
155 76.7 41.0 123.2
157 101.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 56.208 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 290250

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.0

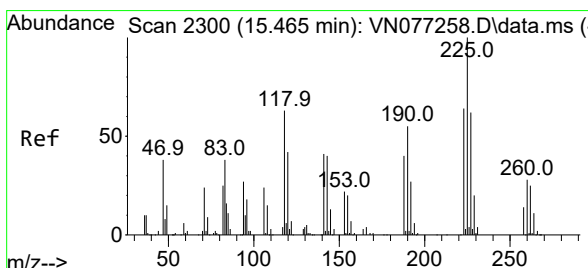
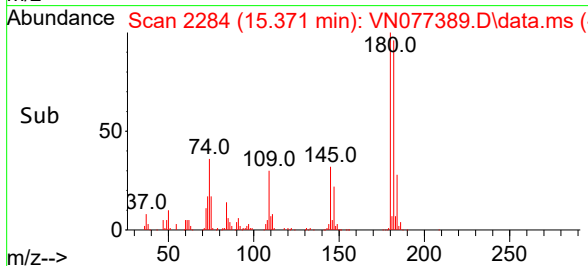
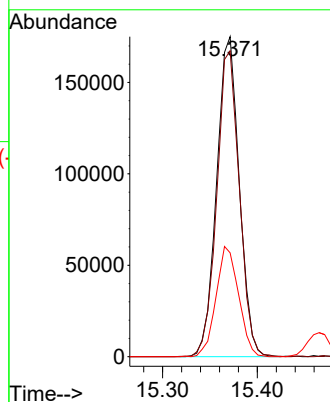
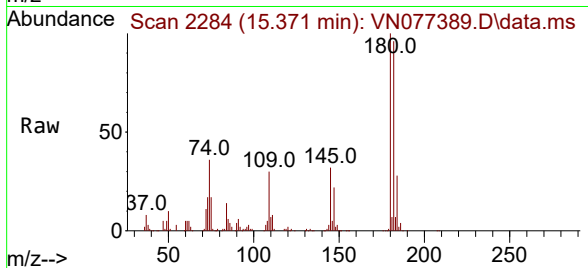
145 34.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 54.896 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

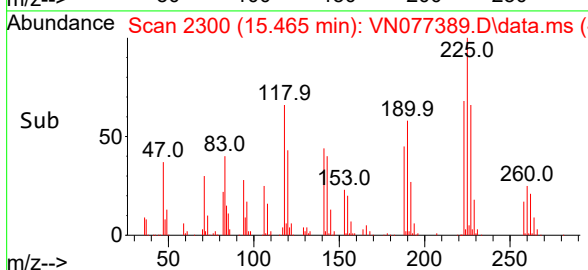
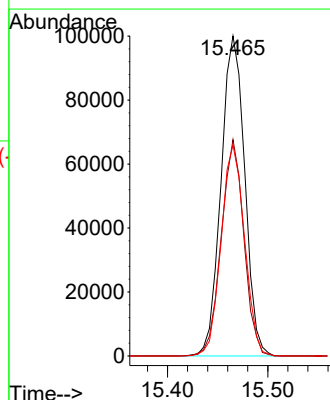
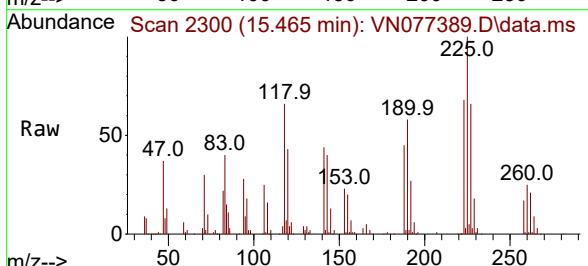
Tgt Ion:225 Resp: 164093

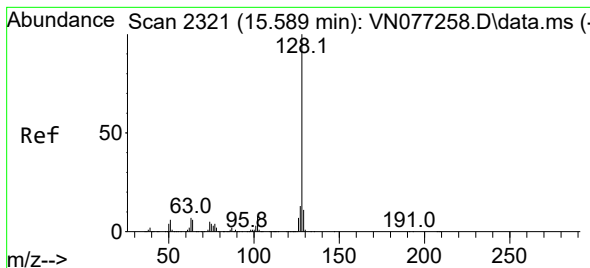
Ion Ratio Lower Upper

225 100

223 64.5 31.7 95.1

227 64.9 31.2 93.6





#95

Naphthalene

Concen: 53.970 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 104693

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

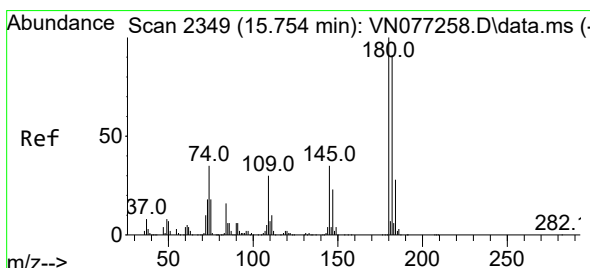
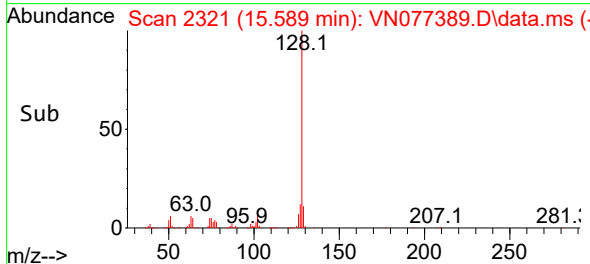
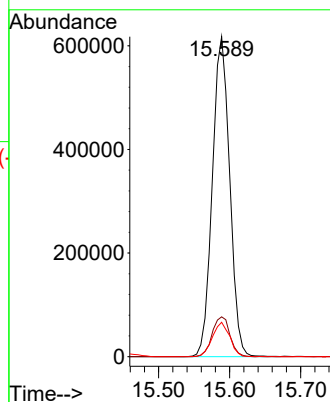
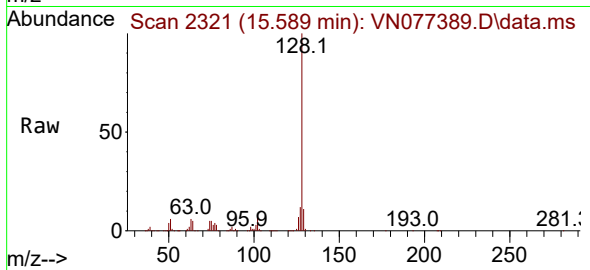
129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.125 ug/l

RT: 15.753 min Scan# 2349

Delta R.T. -0.001 min

Lab File: VN077389.D

Acq: 20 Apr 2023 10:21

Tgt Ion:180 Resp: 262405

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.8

145 36.4 17.6 52.8

