

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077415.D
 Acq On : 20 Apr 2023 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 02:42:48 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	8.231	168	494411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	924257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	847796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	371632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	338127	50.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.080%			
35) Dibromofluoromethane	8.172	113	295301	49.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	10.572	98	1122540	47.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.260%			
62) 4-Bromofluorobenzene	12.854	95	399380	50.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	380751	60.337	ug/l	99
3) Chloromethane	2.372	50	286200	36.598	ug/l	99
4) Vinyl Chloride	2.525	62	406628	38.351	ug/l	97
5) Bromomethane	2.949	94	310112	40.344	ug/l	95
6) Chloroethane	3.125	64	261057	34.501	ug/l	99
7) Trichlorofluoromethane	3.507	101	570421	62.046	ug/l	96
8) Diethyl Ether	3.966	74	214772	55.748	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	318879	56.676	ug/l	97
10) Methyl Iodide	4.602	142	424082	61.976	ug/l	97
11) Tert butyl alcohol	5.537	59	257330	186.629	ug/l	100
12) 1,1-Dichloroethene	4.354	96	319207	55.114	ug/l	92
13) Acrolein	4.190	56	266045	203.727	ug/l	99
14) Allyl chloride	5.037	41	357938	40.919	ug/l	90
15) Acrylonitrile	5.731	53	656817	215.473	ug/l	99
16) Acetone	4.437	43	479982	192.652	ug/l	98
17) Carbon Disulfide	4.725	76	781696	50.052	ug/l	98
18) Methyl Acetate	5.031	43	433289	45.663	ug/l	92
19) Methyl tert-butyl Ether	5.801	73	1103653	53.704	ug/l	94
20) Methylene Chloride	5.284	84	362825	51.565	ug/l	96
21) trans-1,2-Dichloroethene	5.796	96	346524	54.645	ug/l	97
22) Diisopropyl ether	6.684	45	839601	47.876	ug/l	96
23) Vinyl Acetate	6.613	43	2648588	223.366	ug/l	96
24) 1,1-Dichloroethane	6.578	63	578950	51.124	ug/l	99
25) 2-Butanone	7.490	43	760049	187.967	ug/l	90
26) 2,2-Dichloropropane	7.501	77	511384	49.246	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	418731	54.072	ug/l	96
28) Bromochloromethane	7.819	49	194317	42.657	ug/l	90
29) Tetrahydrofuran	7.842	42	503792	193.819	ug/l	92
30) Chloroform	7.972	83	660642	54.705	ug/l	100
31) Cyclohexane	8.266	56	483985	46.094	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	618122	56.280	ug/l	98
36) 1,1-Dichloropropene	8.378	75	470667	53.784	ug/l	97
37) Ethyl Acetate	7.566	43	346731	44.285	ug/l	96
38) Carbon Tetrachloride	8.366	117	519748	57.971	ug/l	98
39) Methylcyclohexane	9.607	83	623361	52.827	ug/l	96
40) Benzene	8.613	78	1449766	53.114	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	171001	40.632	ug/l	89
42) 1,2-Dichloroethane	8.672	62	488331	58.129	ug/l	99
43) Isopropyl Acetate	8.695	43	627178	43.411	ug/l	95
44) Trichloroethene	9.354	130	378094	57.892	ug/l	97
45) 1,2-Dichloropropane	9.625	63	340051	52.456	ug/l	93
46) Dibromomethane	9.713	93	264556	54.166	ug/l	98
47) Bromodichloromethane	9.889	83	535725	54.877	ug/l	96
48) Methyl methacrylate	9.684	41	275902	44.767	ug/l	94
49) 1,4-Dioxane	9.701	88	131668	881.180	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	1760961	210.869	ug/l	97
52) Toluene	10.636	92	991863	55.517	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	576957	54.426	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	608717	53.908	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	382758	54.577	ug/l	98
56) Ethyl methacrylate	10.878	69	551701	50.505	ug/l	96
57) 1,3-Dichloropropane	11.166	76	625318	53.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	892358	274.424	ug/l	94
59) 2-Hexanone	11.195	43	1258260	202.245	ug/l	98
60) Dibromochloromethane	11.360	129	419155	58.030	ug/l	100
61) 1,2-Dibromoethane	11.472	107	394135	56.304	ug/l	99
64) Tetrachloroethene	11.107	164	289925	55.357	ug/l	97
65) Chlorobenzene	11.895	112	1060621	56.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	372976	52.812	ug/l	98
67) Ethyl Benzene	11.966	91	1917008	55.657	ug/l	99
68) m/p-Xylenes	12.072	106	1490148	110.108	ug/l	99
69) o-Xylene	12.401	106	742644	55.624	ug/l	99
70) Styrene	12.413	104	1169809	54.448	ug/l	99
71) Bromoform	12.583	173	262709	52.844	ug/l	100
73) Isopropylbenzene	12.695	105	1888600	52.321	ug/l	99
74) N-amyl acetate	12.495	43	562218	41.100	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	534796	47.211	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	453253m	51.218	ug/l	
77) Bromobenzene	12.983	156	396985	54.089	ug/l	91
78) n-propylbenzene	13.036	91	2146807	53.827	ug/l	99
79) 2-Chlorotoluene	13.130	91	1277929	53.213	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1557664	54.029	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	164151	41.742	ug/l	95
82) 4-Chlorotoluene	13.224	91	1222061	53.972	ug/l	100
83) tert-Butylbenzene	13.442	119	1352938	52.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1566077	54.984	ug/l	99
85) sec-Butylbenzene	13.619	105	1950345	54.534	ug/l	100
86) p-Isopropyltoluene	13.730	119	1558020	55.431	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	742991	54.718	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	748988	55.934	ug/l	100
89) n-Butylbenzene	14.060	91	1326943	56.868	ug/l	99
90) Hexachloroethane	14.336	117	311842	50.743	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	758965	55.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99116	46.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	290725	59.288	ug/l	99
94) Hexachlorobutadiene	15.466	225	149738	52.753	ug/l	100
95) Naphthalene	15.589	128	1182745	64.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	268460	57.237	ug/l	99

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

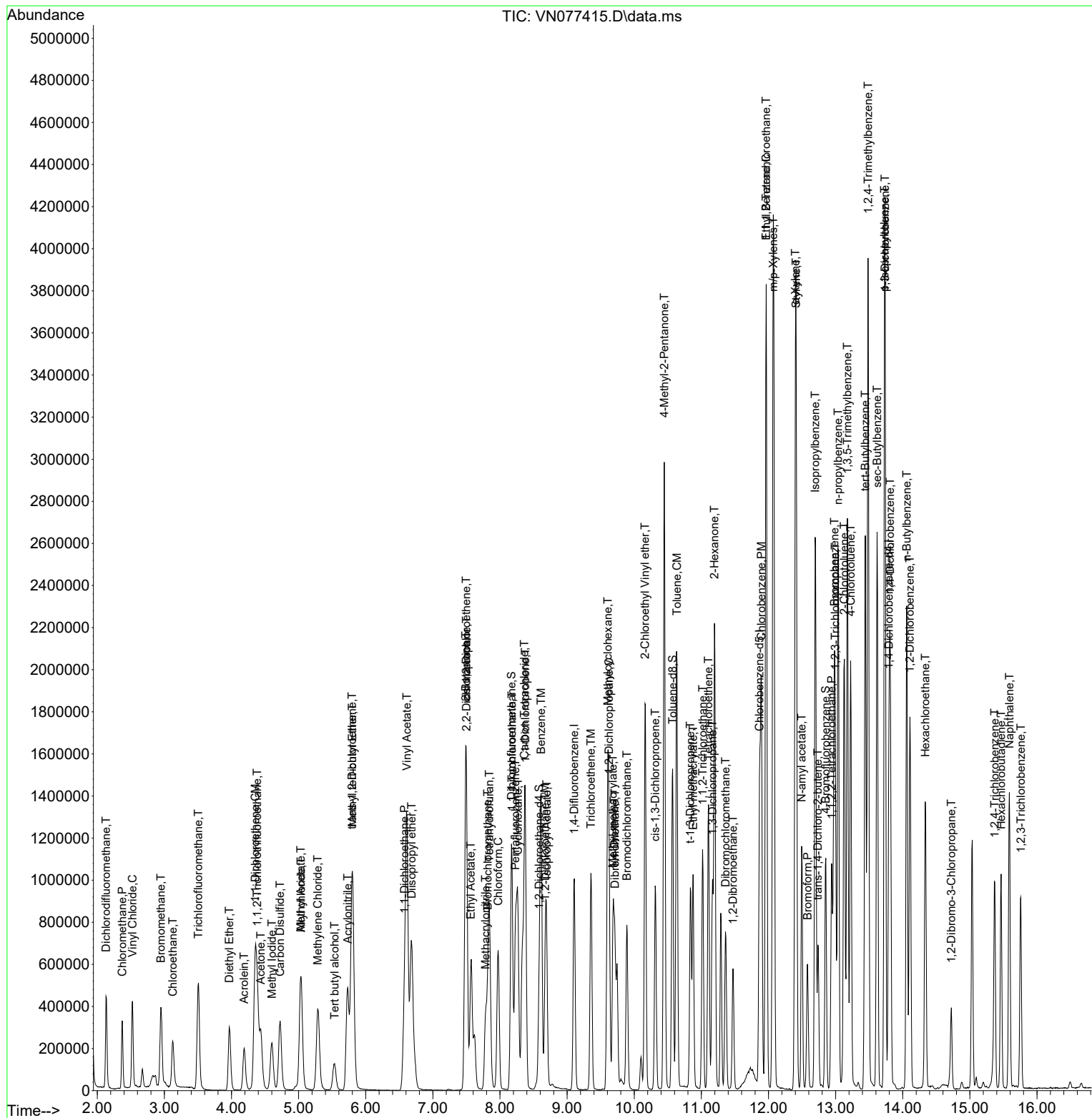
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
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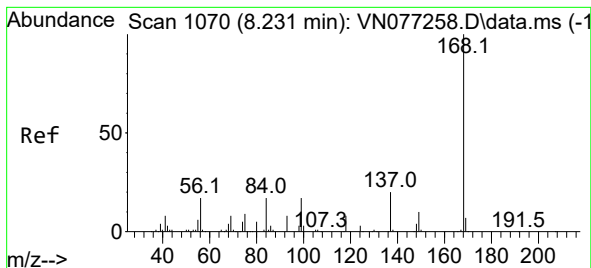
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 10

Delta R.T. -0.000 min

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Tgt Ion:168 Resp: 49441

Ion Ratio Lower Upper

168 100

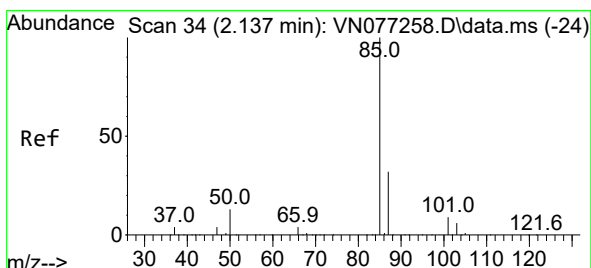
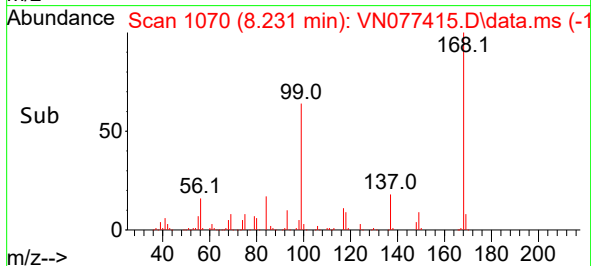
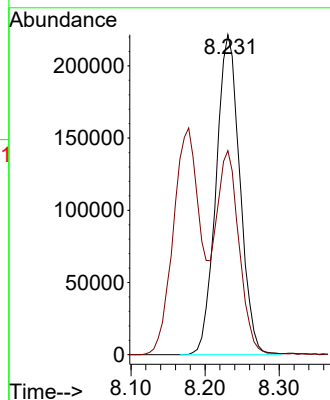
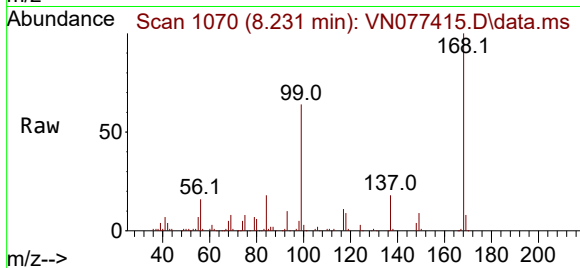
99 63.4 50.6 75.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 60.337 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN077415.D

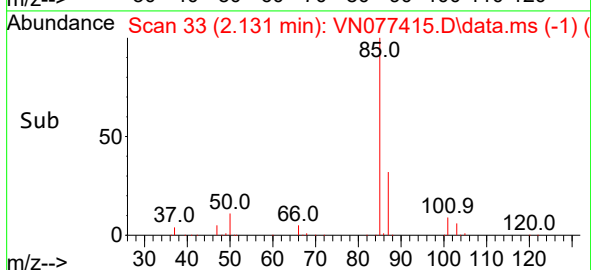
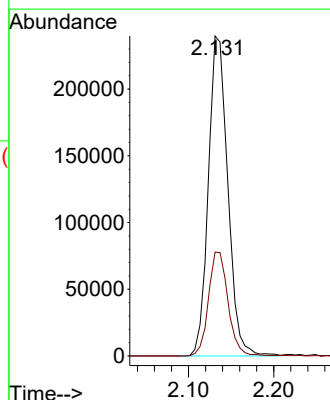
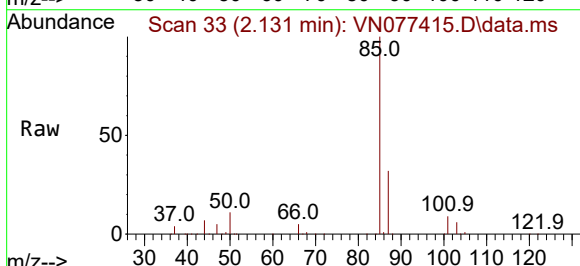
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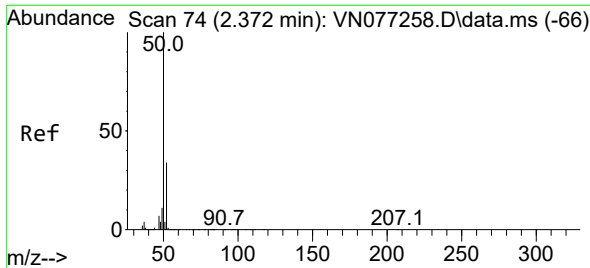
Tgt Ion: 85 Resp: 380751

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2





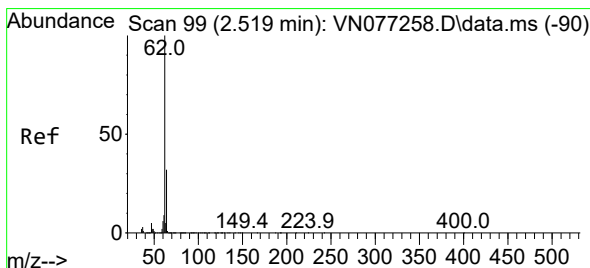
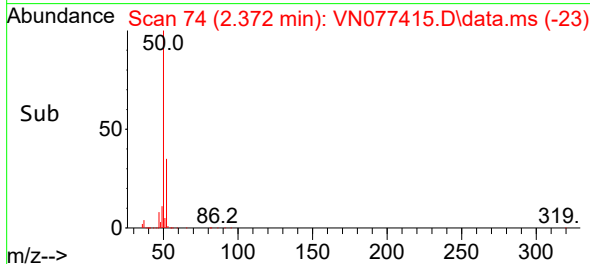
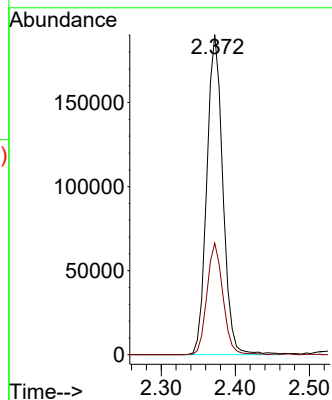
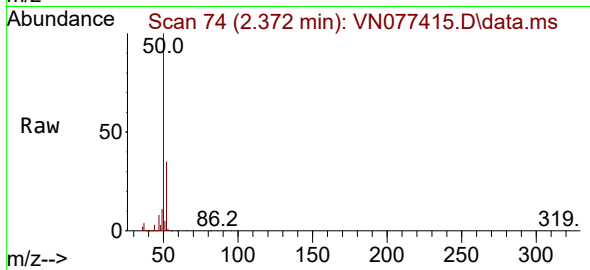
#3
Chloromethane
Concen: 36.598 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
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Tgt Ion: 50 Resp: 286200
Ion Ratio Lower Upper
50 100
52 34.8 27.3 40.9

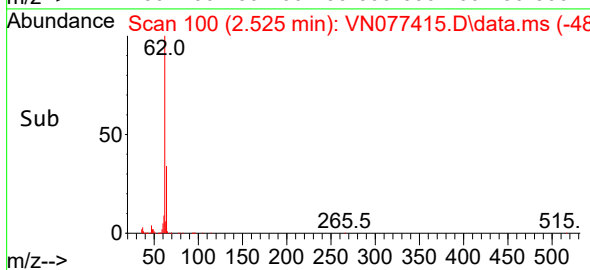
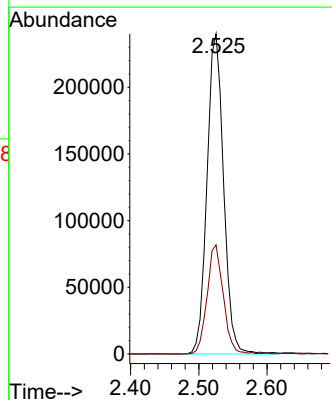
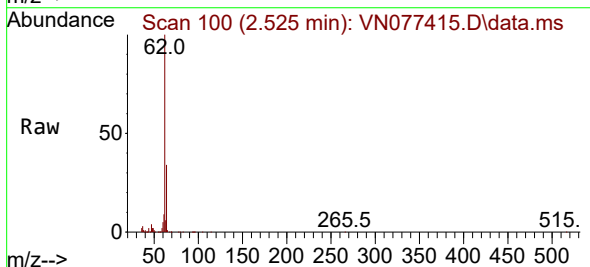
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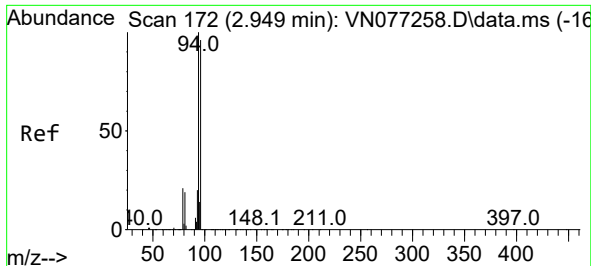
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Vinyl Chloride
Concen: 38.351 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077415.D
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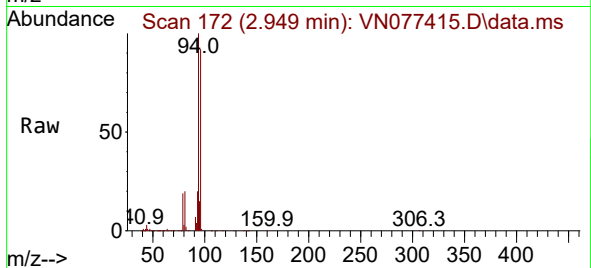
Tgt Ion: 62 Resp: 406628
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.8





#5
Bromomethane
Concen: 40.344 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

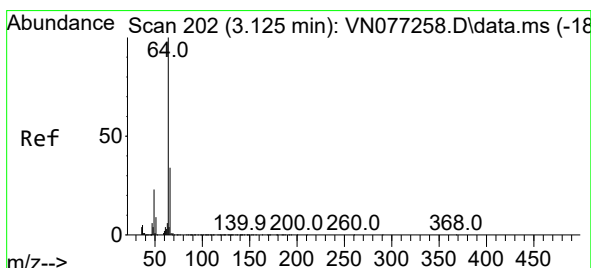
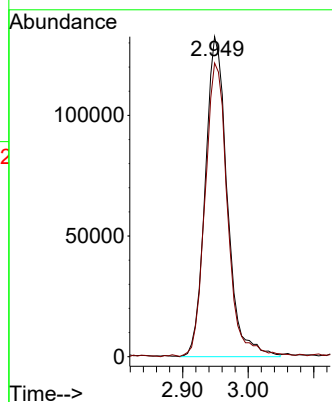
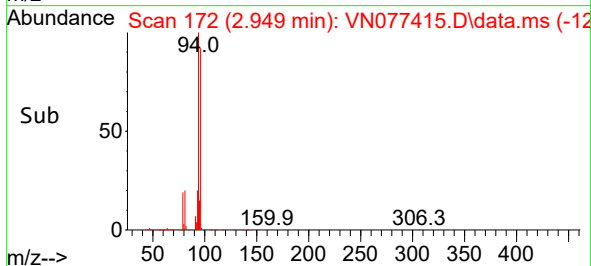
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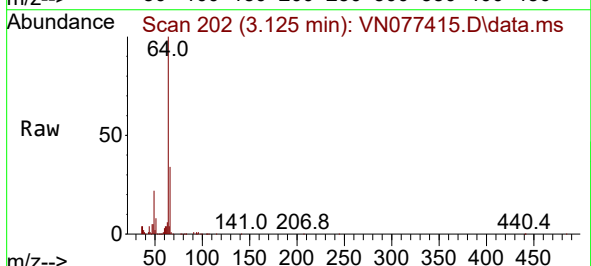
Tgt Ion: 94 Resp: 31011
Ion Ratio Lower Upper
94 100
96 91.7 77.0 115.4

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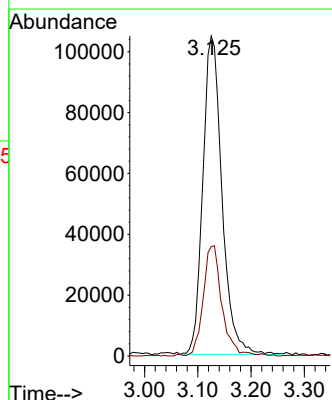
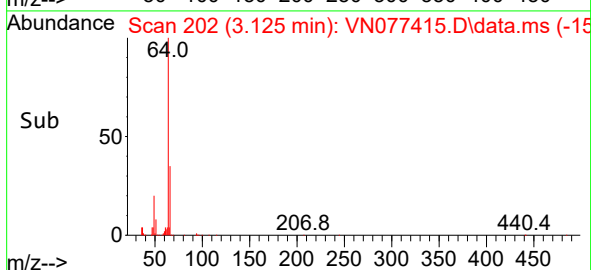
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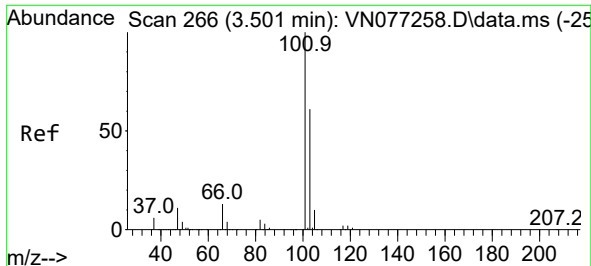


#6
Chloroethane
Concen: 34.501 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077415.D
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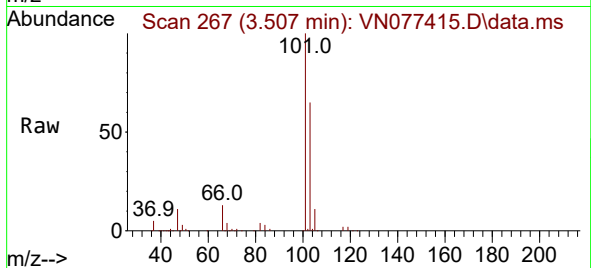
Tgt Ion: 64 Resp: 261057
Ion Ratio Lower Upper
64 100
66 34.4 26.9 40.3





#7
Trichlorofluoromethane
Concen: 62.046 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077415.D
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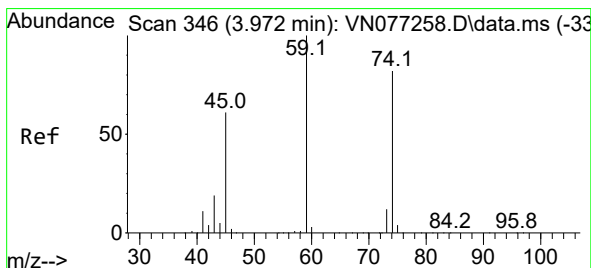
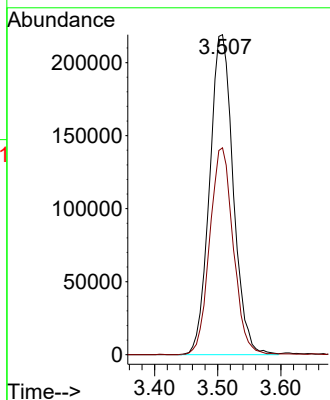
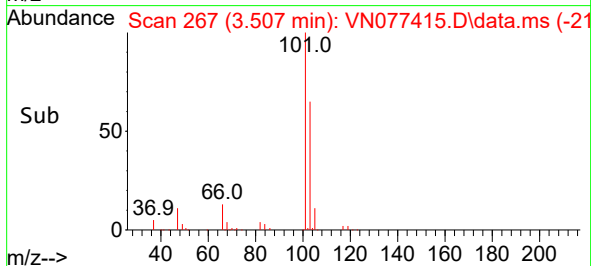
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Tgt Ion:101 Resp: 57042
Ion Ratio Lower Upper
101 100
103 64.6 49.0 73.4

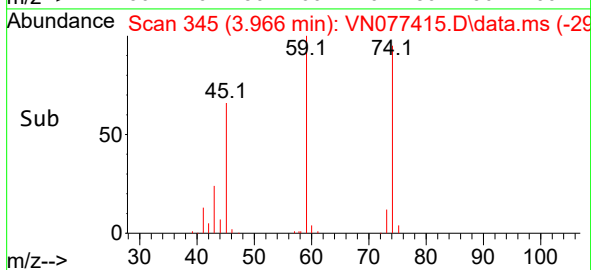
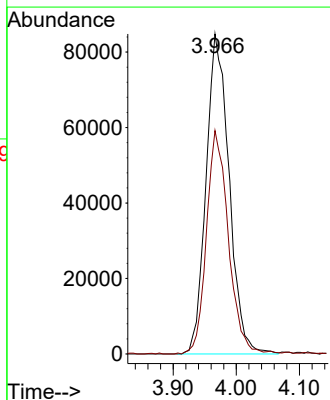
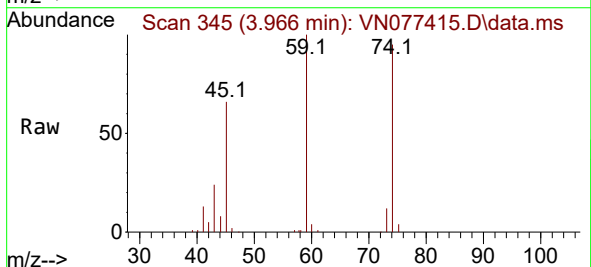
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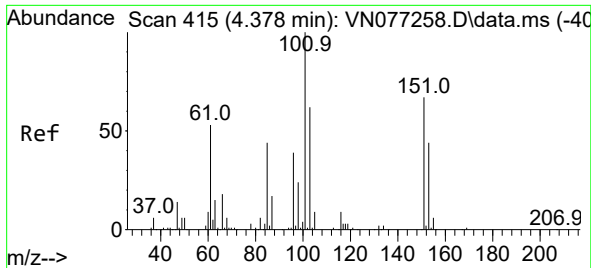
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 55.748 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

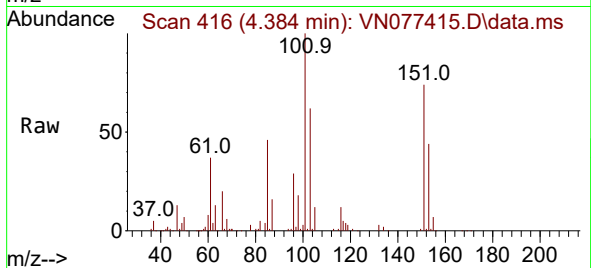
Tgt Ion: 74 Resp: 214772
Ion Ratio Lower Upper
74 100
45 66.5 37.8 113.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.676 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

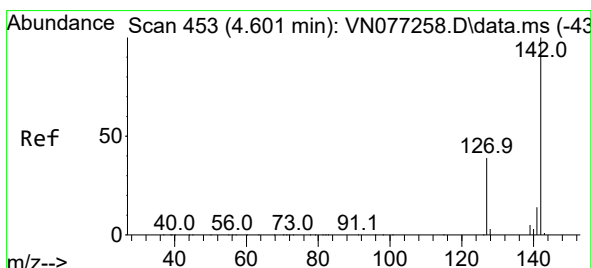
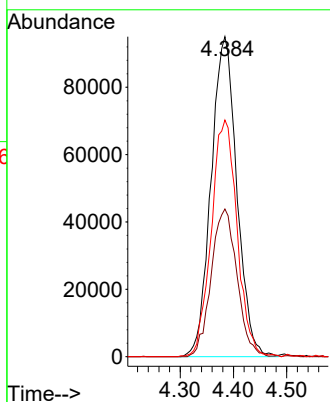
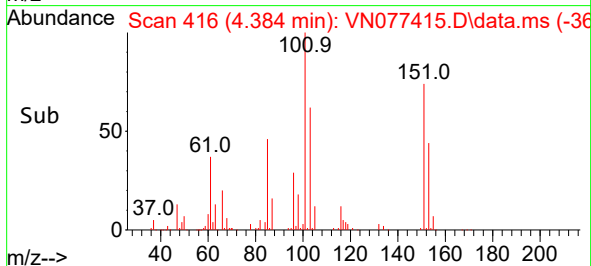
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



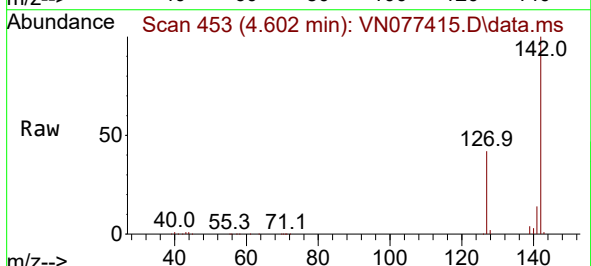
Tgt Ion:101 Resp: 318879
Ion Ratio Lower Upper
101 100
85 46.2 37.3 55.9
151 74.1 56.3 84.5

Manual Integrations
APPROVED

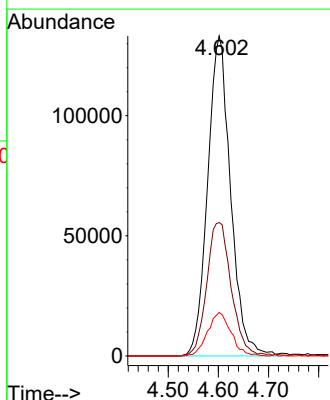
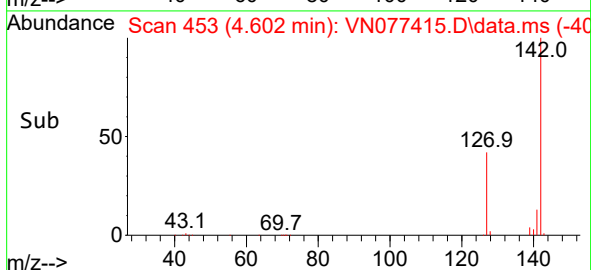
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

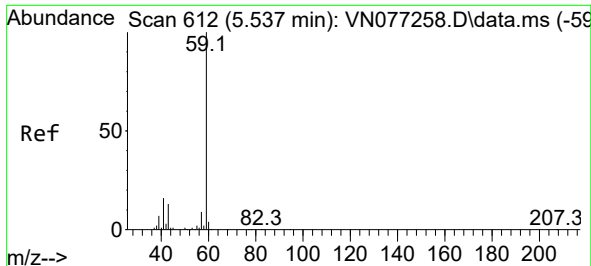


#10
Methyl Iodide
Concen: 61.976 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



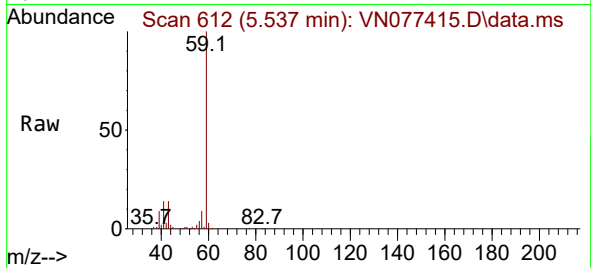
Tgt Ion:142 Resp: 424082
Ion Ratio Lower Upper
142 100
127 41.7 31.5 47.3
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 186.629 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

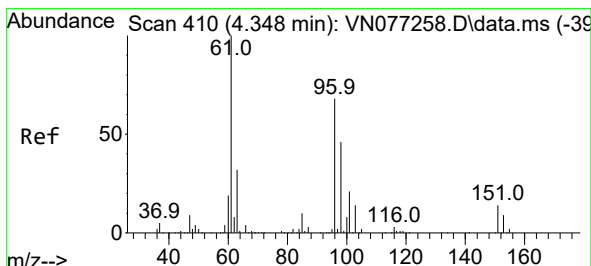
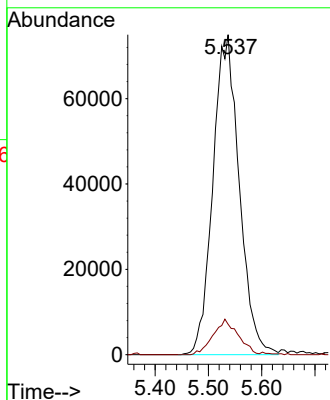
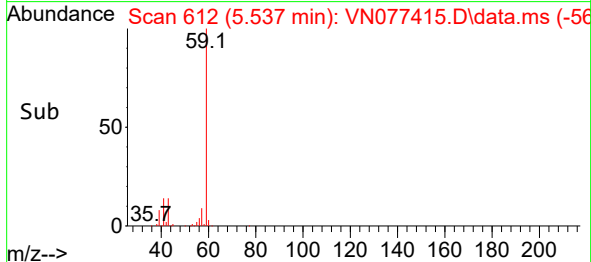
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 257330
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

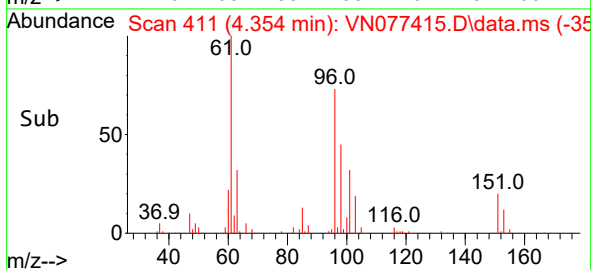
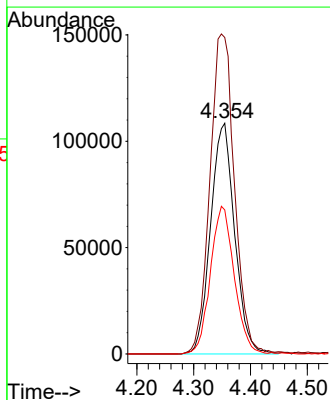
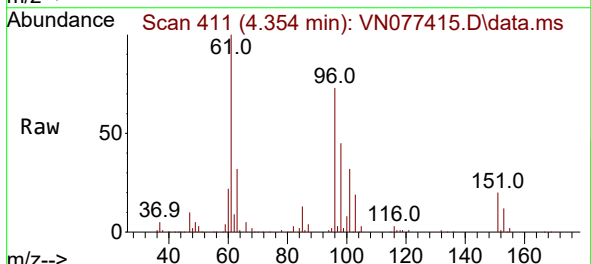
Manual Integrations
APPROVED

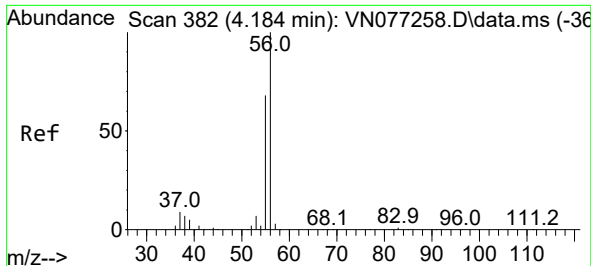
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 55.114 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

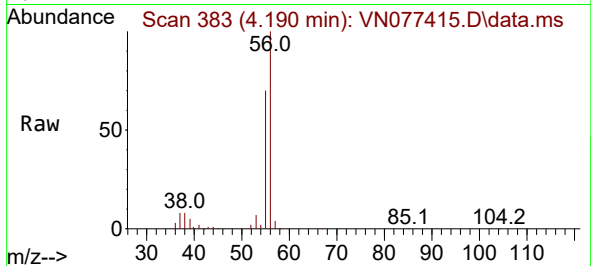
Tgt Ion: 96 Resp: 319207
Ion Ratio Lower Upper
96 100
61 137.2 118.3 177.5
98 62.4 54.5 81.7





#13
Acrolein
Concen: 203.727 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

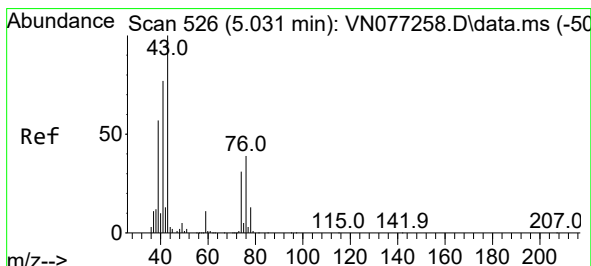
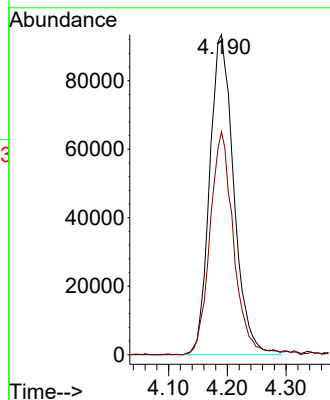
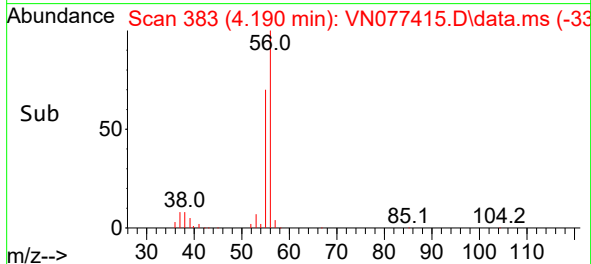
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 266045
Ion Ratio Lower Upper
56 100
55 68.2 54.2 81.2

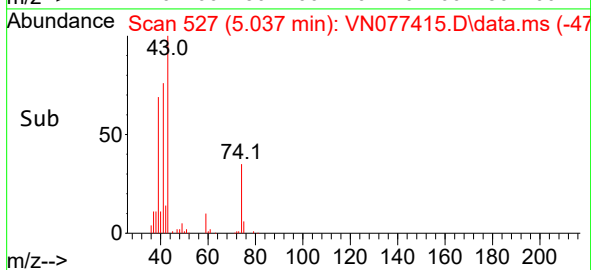
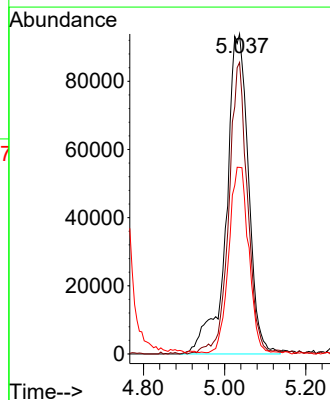
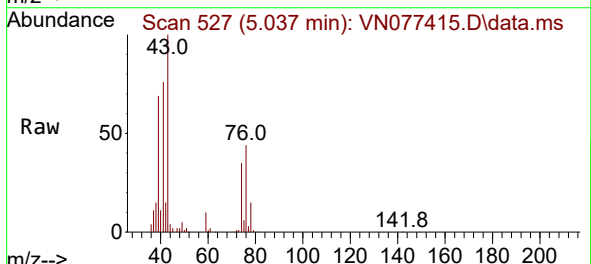
Manual Integrations
APPROVED

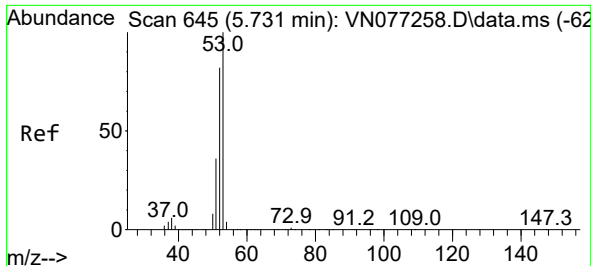
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 40.919 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

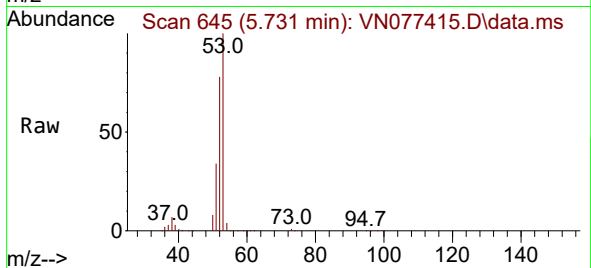
Tgt Ion: 41 Resp: 357938
Ion Ratio Lower Upper
41 100
39 76.2 55.0 82.4
76 51.2 35.4 53.2





#15
Acrylonitrile
Concen: 215.473 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

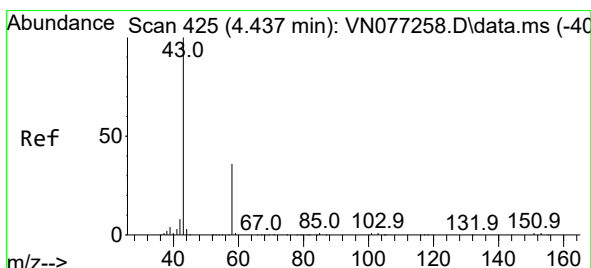
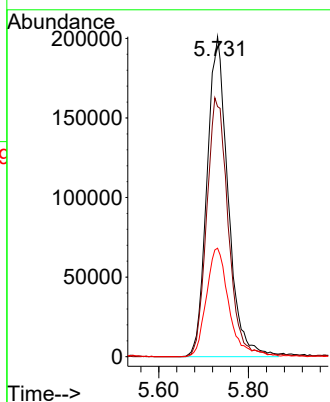
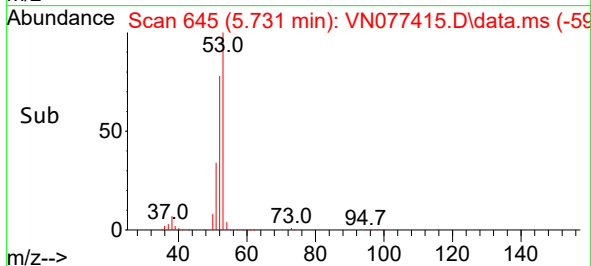
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



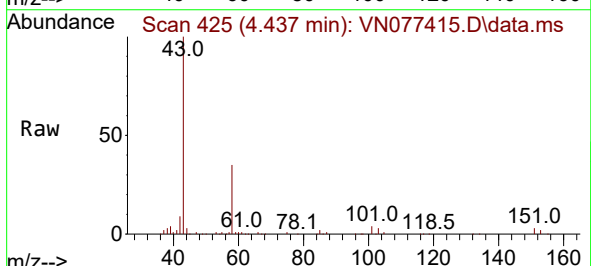
Tgt Ion: 53 Resp: 65681
Ion Ratio Lower Upper
53 100
52 81.9 65.2 97.8
51 36.5 28.1 42.1

Manual Integrations
APPROVED

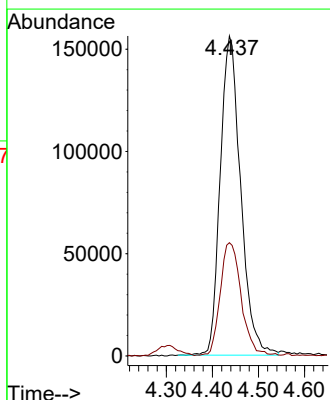
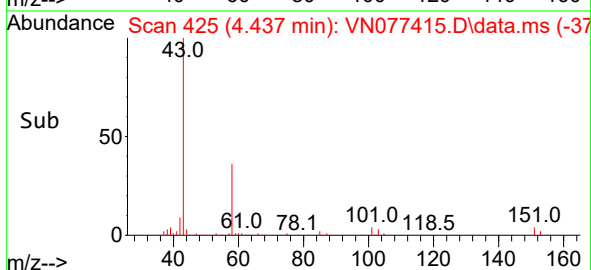
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

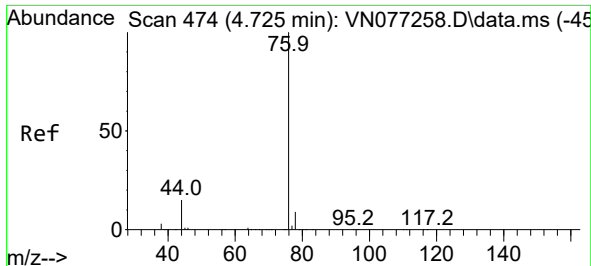


#16
Acetone
Concen: 192.652 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



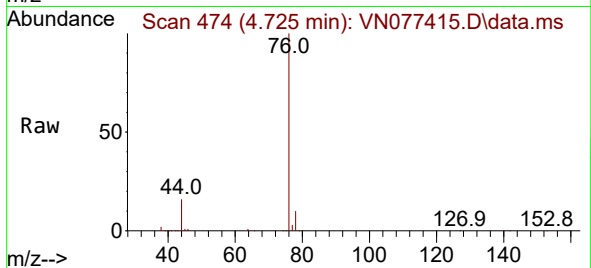
Tgt Ion: 43 Resp: 479982
Ion Ratio Lower Upper
43 100
58 35.2 29.0 43.6





#17
Carbon Disulfide
Concen: 50.052 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

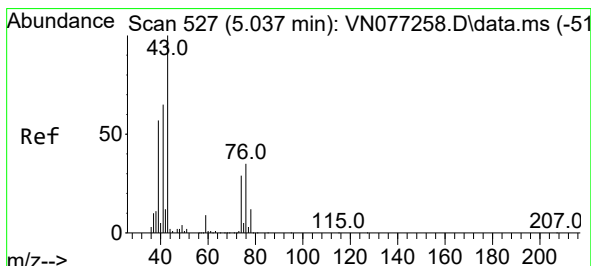
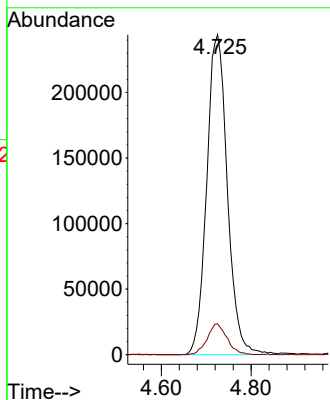
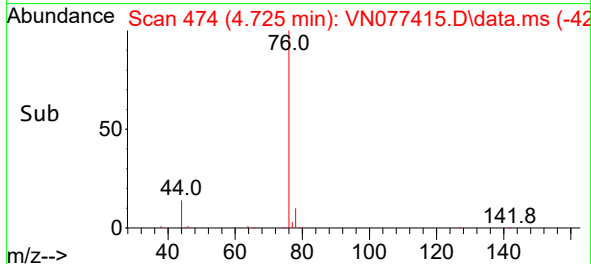
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



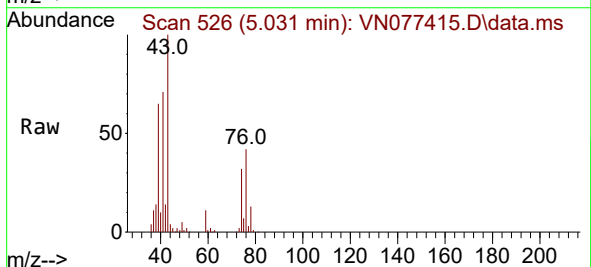
Tgt Ion: 76 Resp: 781690
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

Manual Integrations
APPROVED

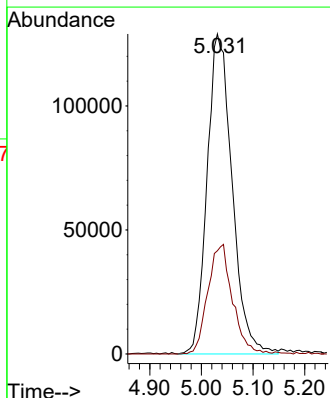
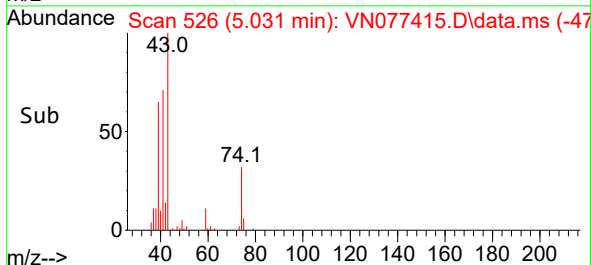
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

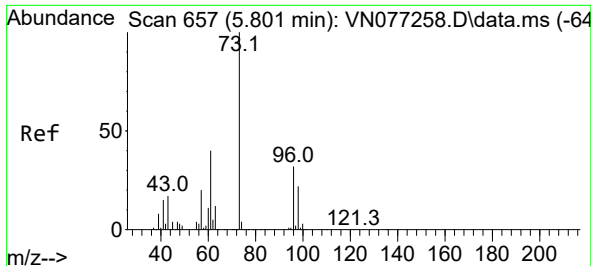


#18
Methyl Acetate
Concen: 45.663 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



Tgt Ion: 43 Resp: 433289
Ion Ratio Lower Upper
43 100
74 33.7 23.4 35.2





#19

Methyl tert-butyl Ether

Concen: 53.704 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 110365

Ion Ratio Lower Upper

73 100

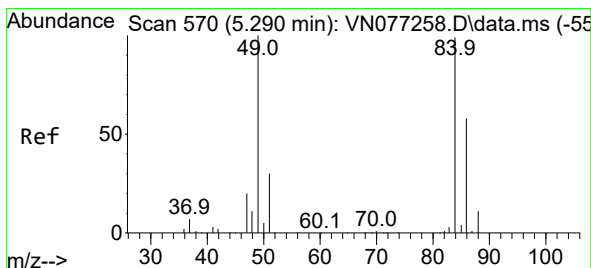
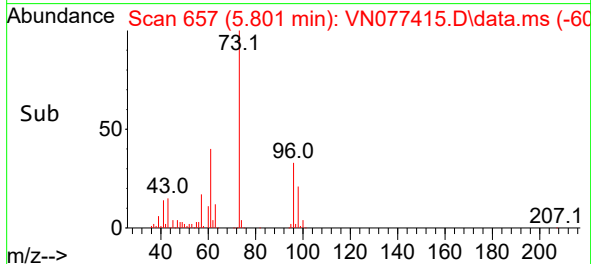
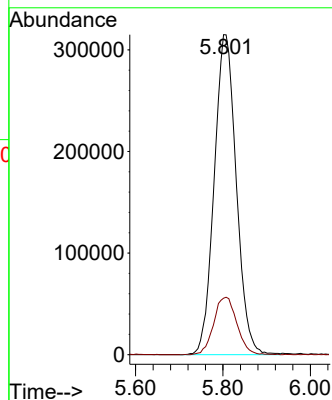
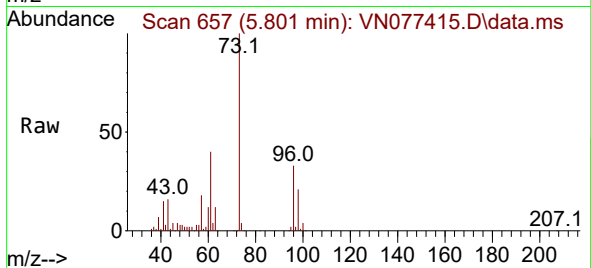
57 17.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#20

Methylene Chloride

Concen: 51.565 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Tgt Ion: 84 Resp: 362825

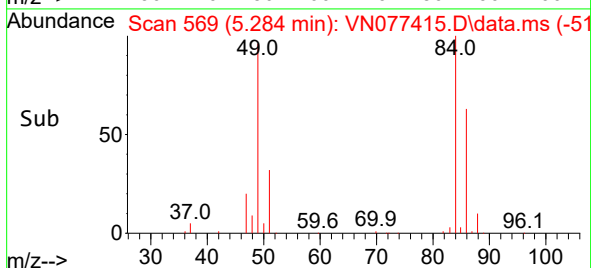
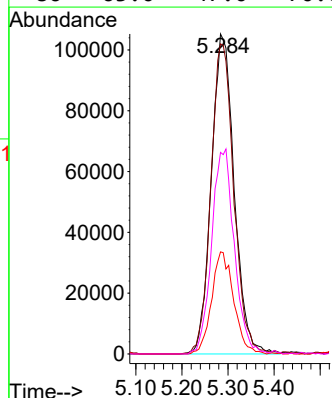
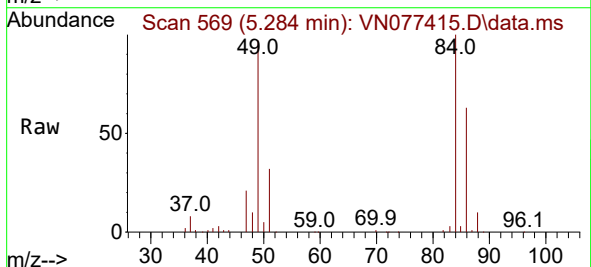
Ion Ratio Lower Upper

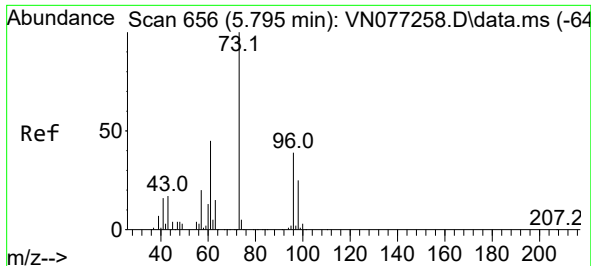
84 100

49 96.9 80.6 121.0

51 31.9 24.4 36.6

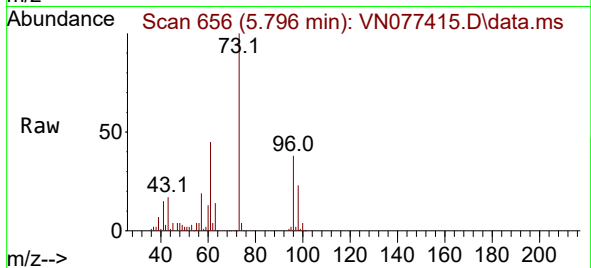
86 63.0 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 54.645 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

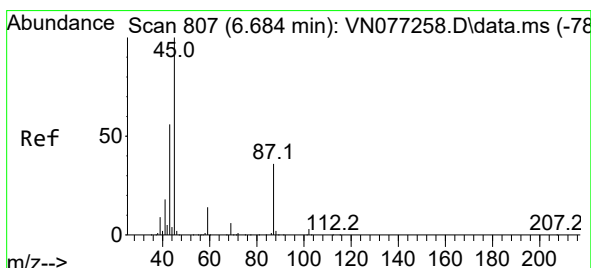
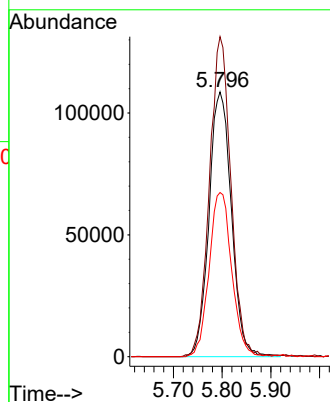
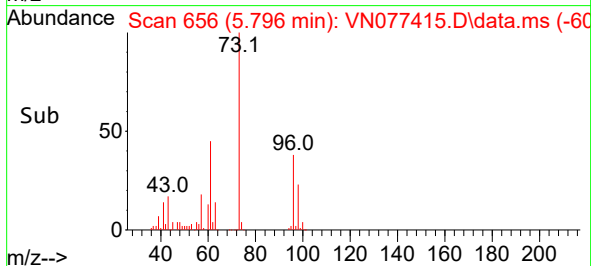
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 346524
Ion Ratio Lower Upper
96 100
61 120.9 93.8 140.6
98 62.0 50.9 76.3

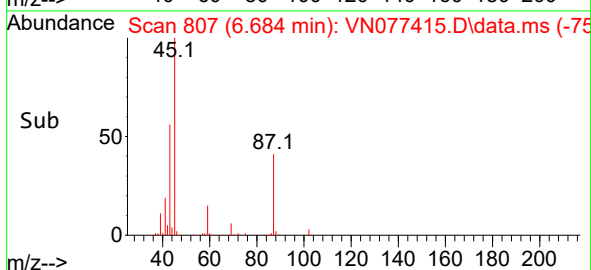
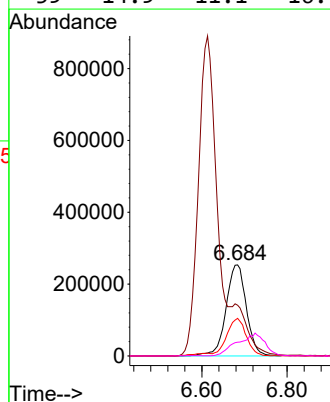
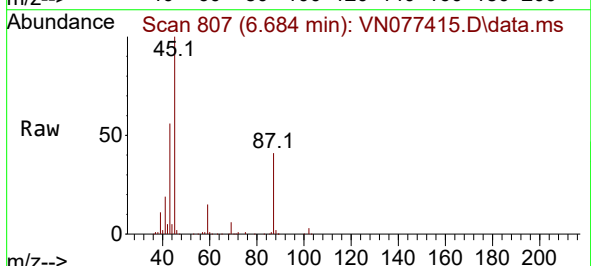
Manual Integrations
APPROVED

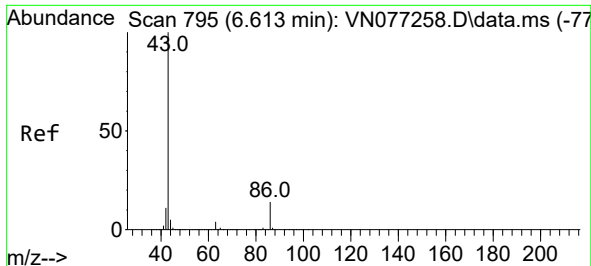
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 47.876 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

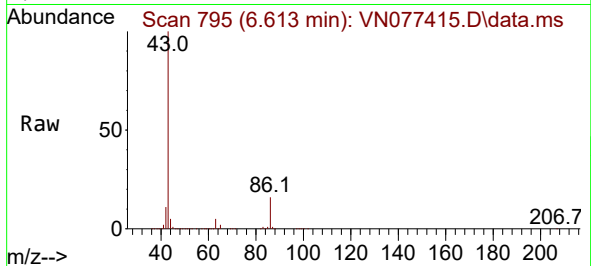
Tgt Ion: 45 Resp: 839601
Ion Ratio Lower Upper
45 100
43 54.9 44.6 66.8
87 41.1 28.4 42.6
59 14.9 11.1 16.7





#23
 Vinyl Acetate
 Concen: 223.366 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13

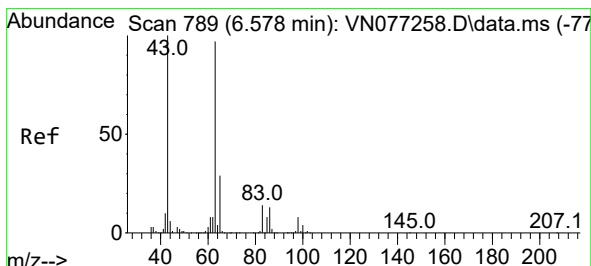
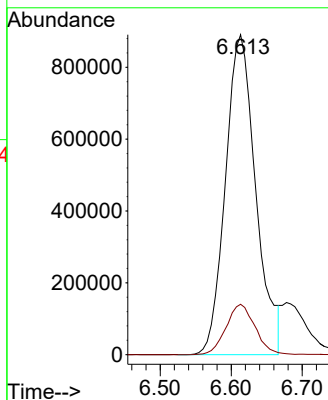
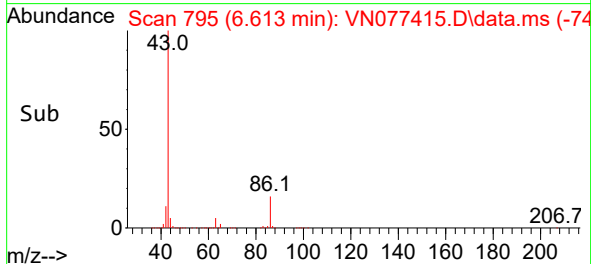
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



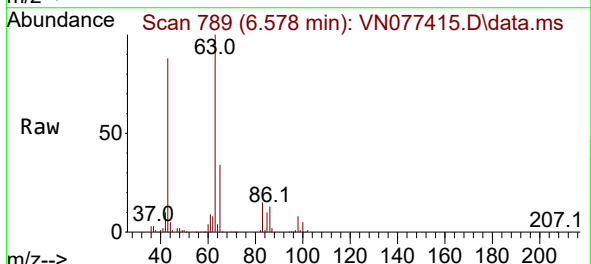
Tgt Ion: 43 Resp: 264858
 Ion Ratio Lower Upper
 43 100
 86 15.7 11.2 16.8

Manual Integrations
 APPROVED

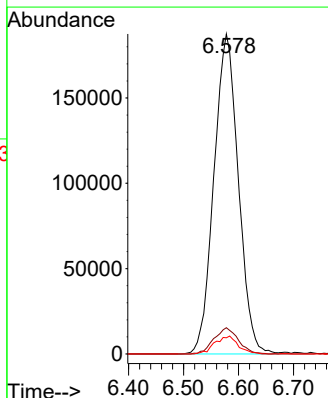
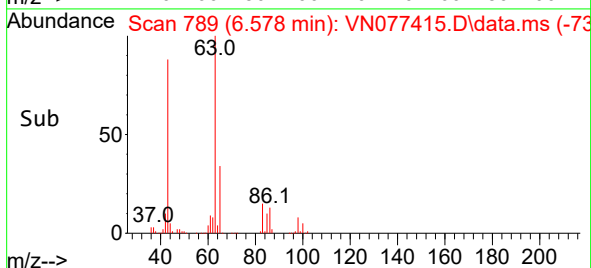
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

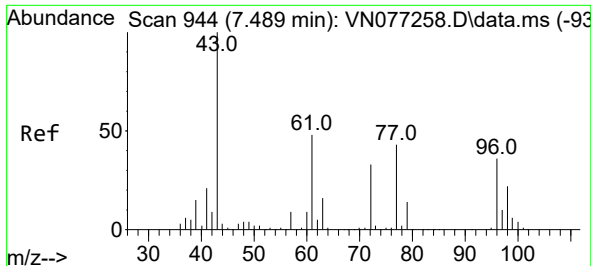


#24
 1,1-Dichloroethane
 Concen: 51.124 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13



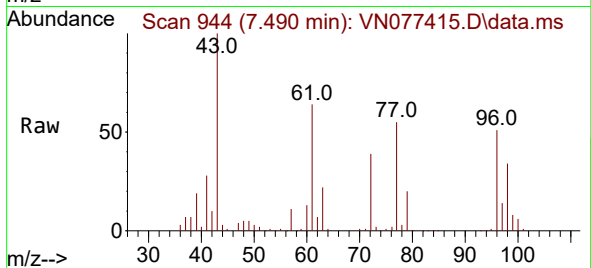
Tgt Ion: 63 Resp: 578950
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.0
 100 5.1 2.3 6.9





#25
2-Butanone
Concen: 187.967 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

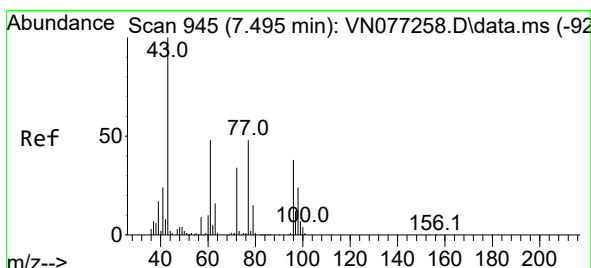
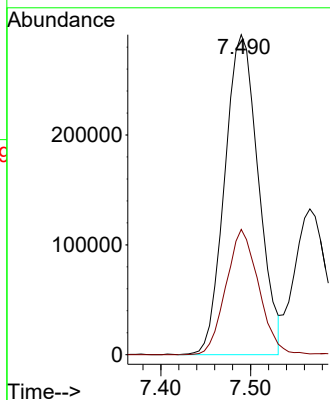
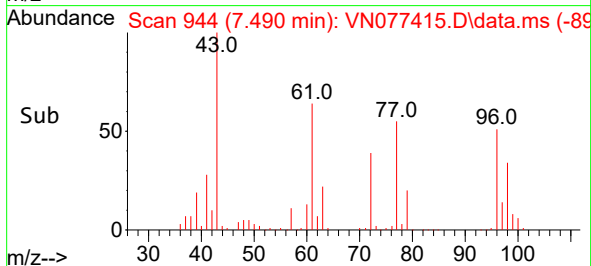
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



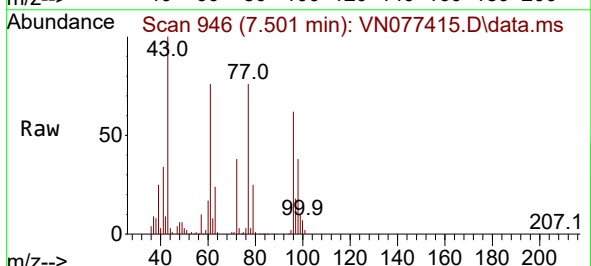
Tgt Ion: 43 Resp: 760049
Ion Ratio Lower Upper
43 100
72 39.1 26.6 39.8

Manual Integrations
APPROVED

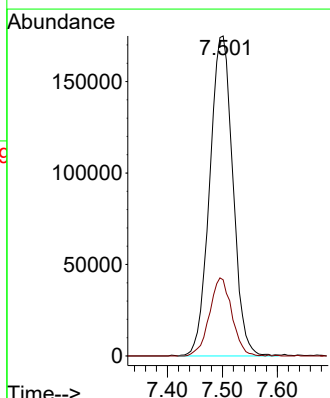
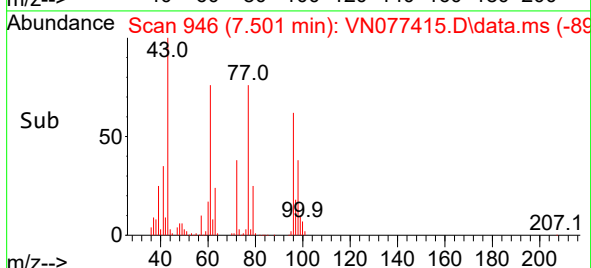
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

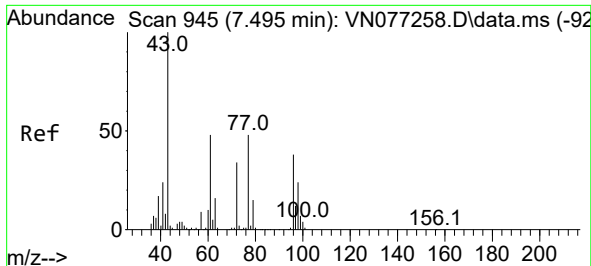


#26
2,2-Dichloropropane
Concen: 49.246 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



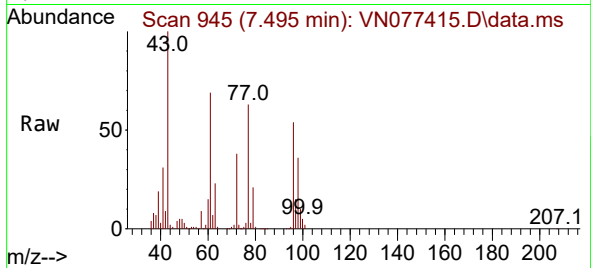
Tgt Ion: 77 Resp: 511384
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 54.072 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13

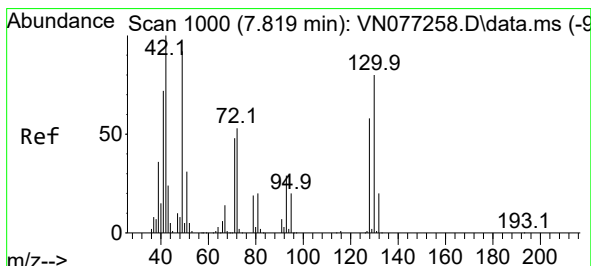
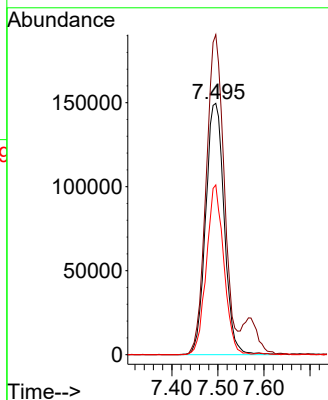
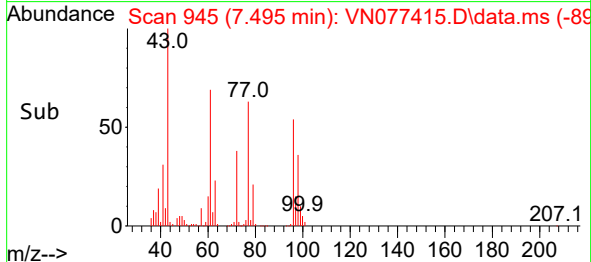
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



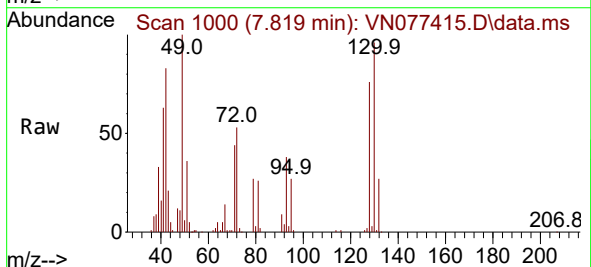
Tgt Ion: 96 Resp: 41873
 Ion Ratio Lower Upper
 96 100
 61 123.2 0.0 261.0
 98 63.5 0.0 128.0

Manual Integrations
 APPROVED

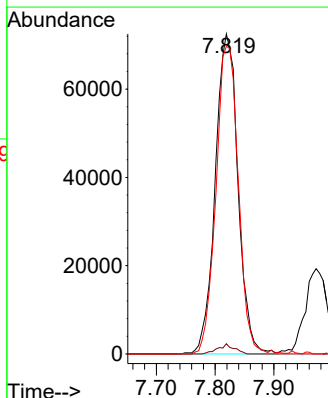
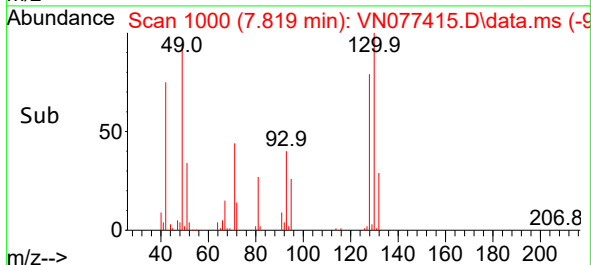
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

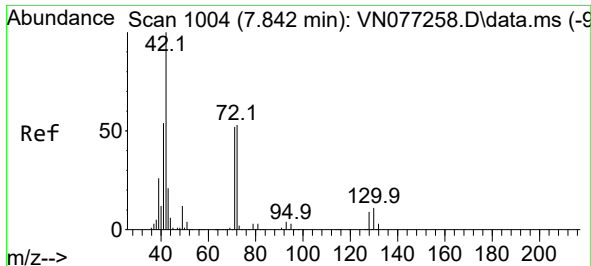


#28
 Bromochloromethane
 Concen: 42.657 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13



Tgt Ion: 49 Resp: 194317
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 94.7 68.4 102.6





#29

Tetrahydrofuran

Concen: 193.819 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 503792

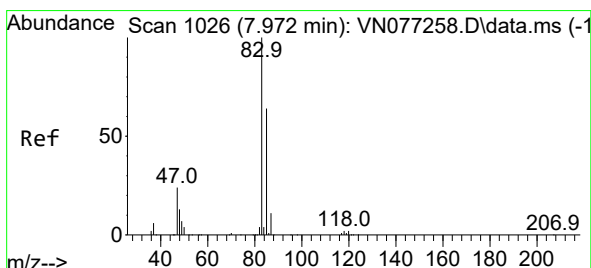
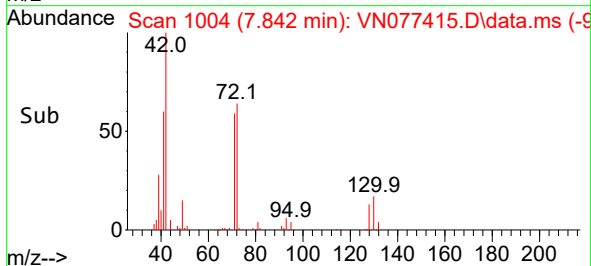
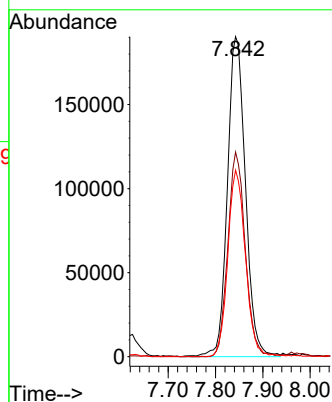
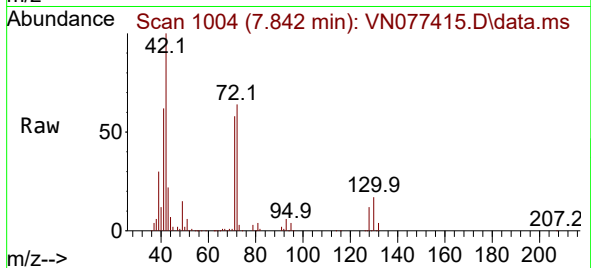
Ion	Ratio	Lower	Upper
42	100		
72	61.7	44.6	66.8
71	56.9	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 54.705 ug/l

RT: 7.972 min Scan# 1026

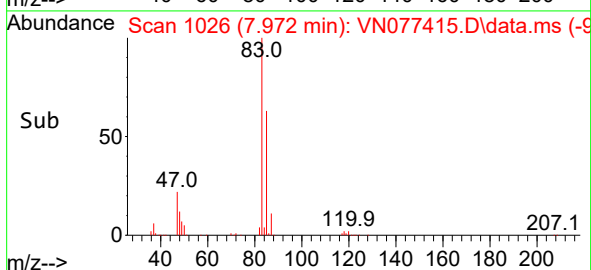
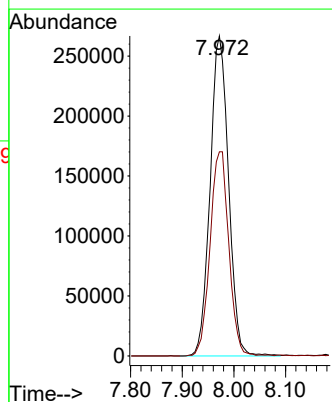
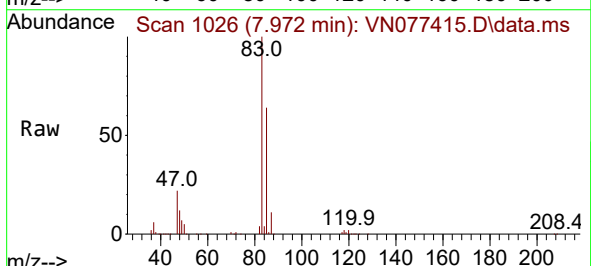
Delta R.T. -0.000 min

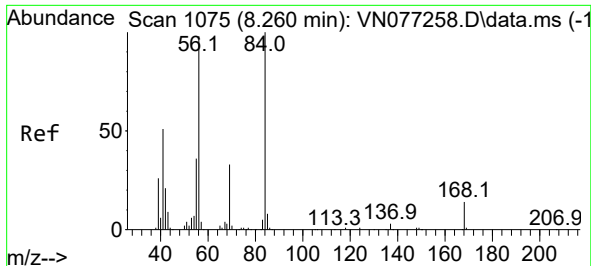
Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Tgt Ion: 83 Resp: 660642

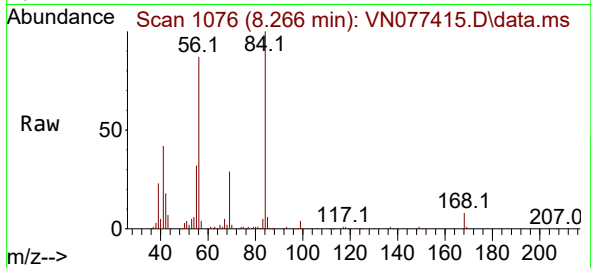
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3





#31
Cyclohexane
Concen: 46.094 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

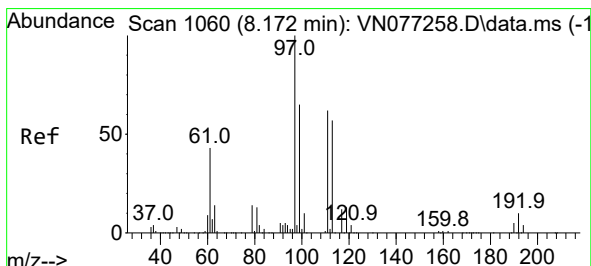
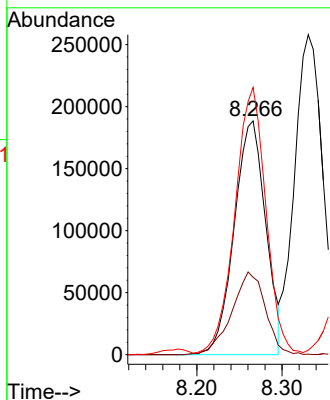
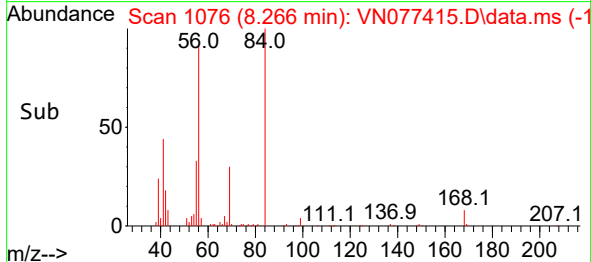
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



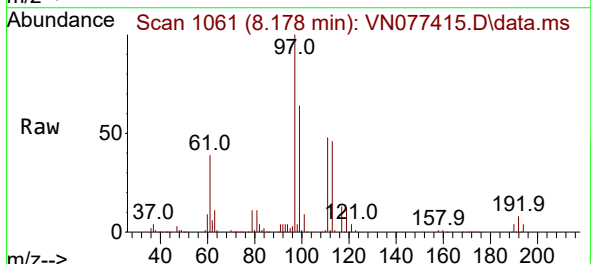
Tgt Ion: 56 Resp: 48398
Ion Ratio Lower Upper
56 100
69 33.1 26.6 40.0
84 111.9 81.8 122.8

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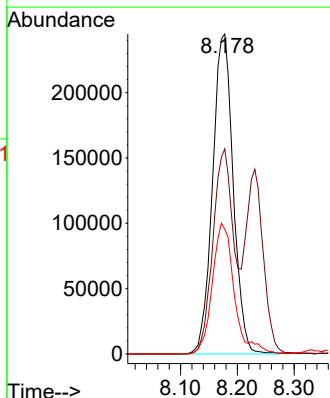
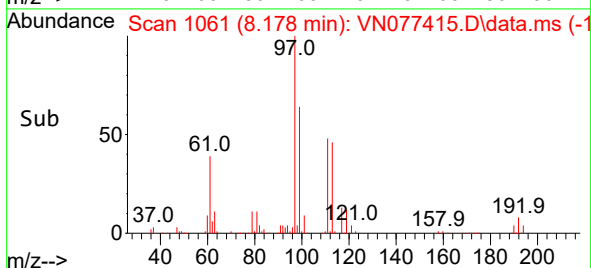
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

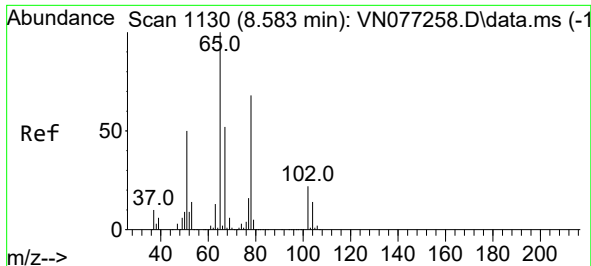


#32
1,1,1-Trichloroethane
Concen: 56.280 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



Tgt Ion: 97 Resp: 618122
Ion Ratio Lower Upper
97 100
99 66.1 54.2 81.4
61 43.4 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 50.039 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 33812

Ion Ratio Lower Upper

65 100

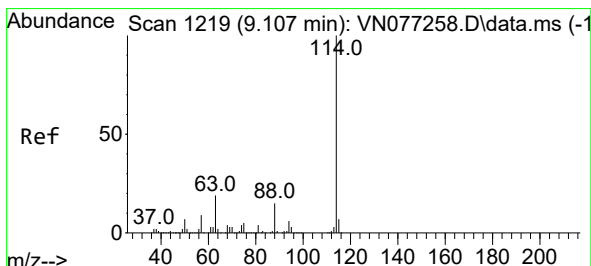
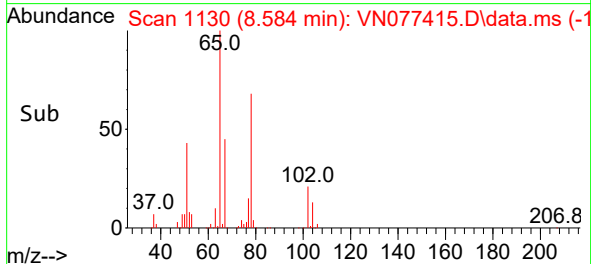
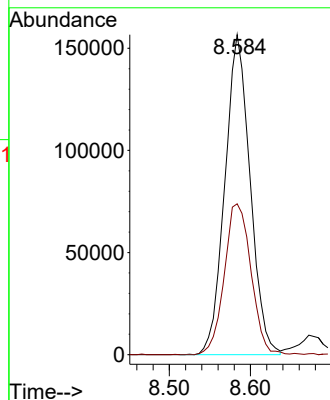
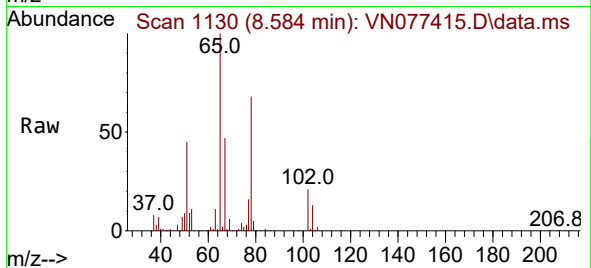
67 49.9 0.0 108.8

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: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

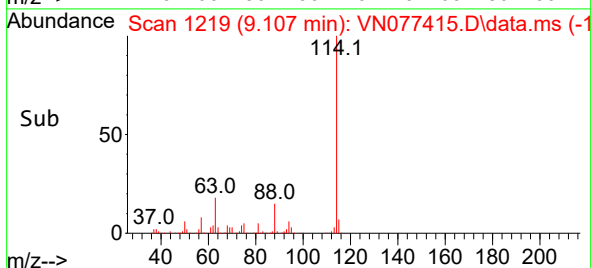
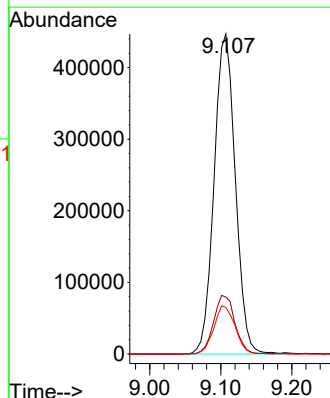
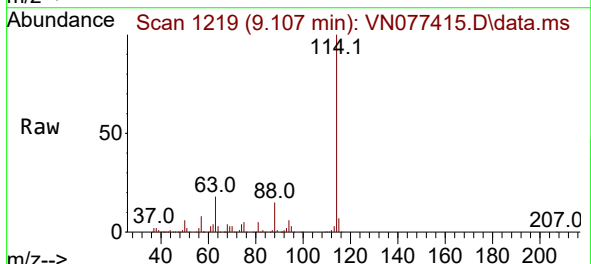
Tgt Ion:114 Resp: 924257

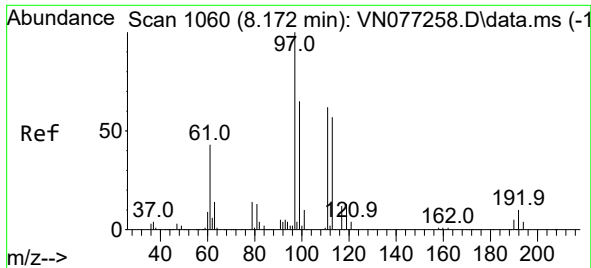
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

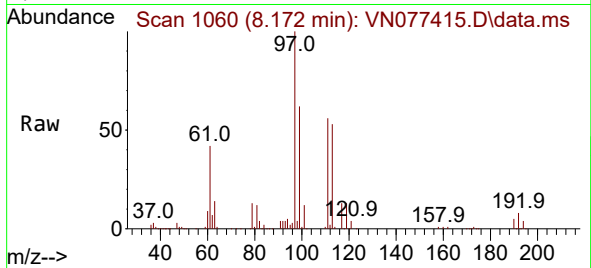
88 14.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 49.909 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

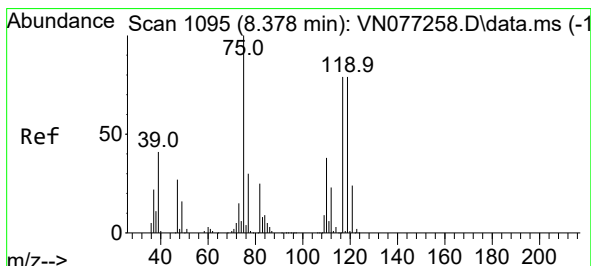
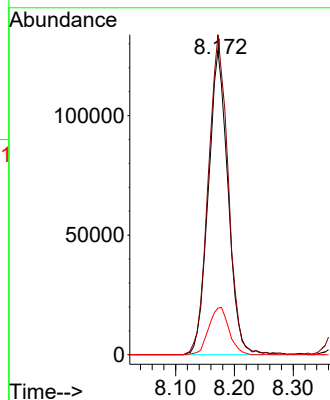
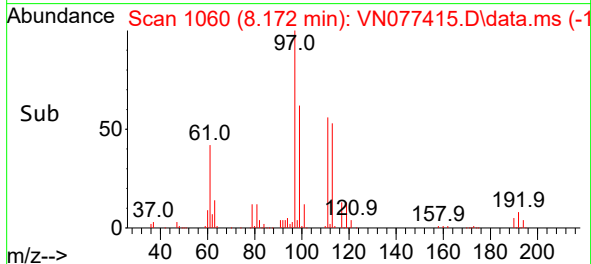
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 29530
Ion Ratio Lower Upper
113 100
111 106.3 83.4 125.0
192 15.9 13.5 20.3

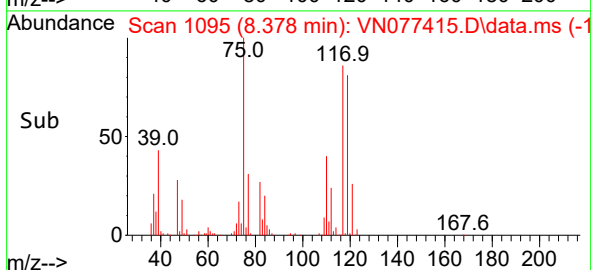
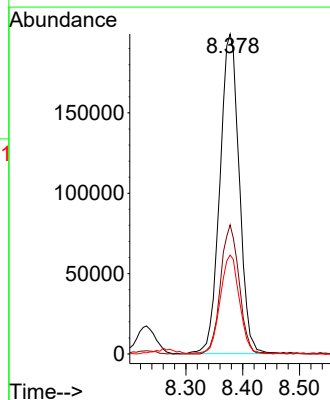
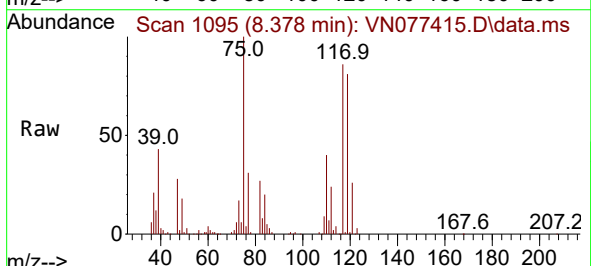
Manual Integrations
APPROVED

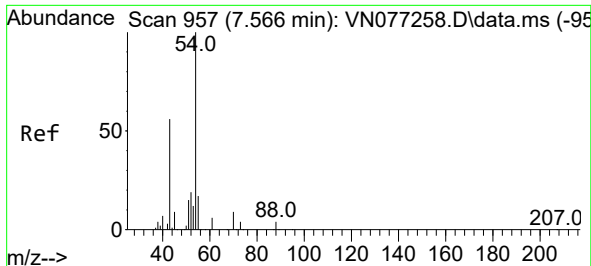
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
1,1-Dichloropropene
Concen: 53.784 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

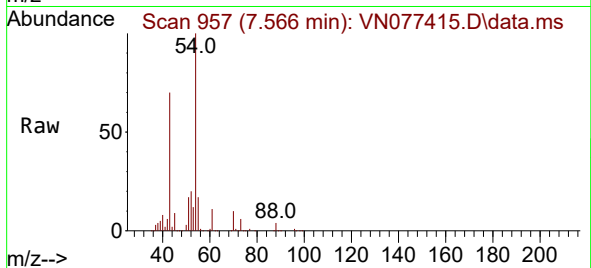
Tgt Ion: 75 Resp: 470667
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 44.285 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

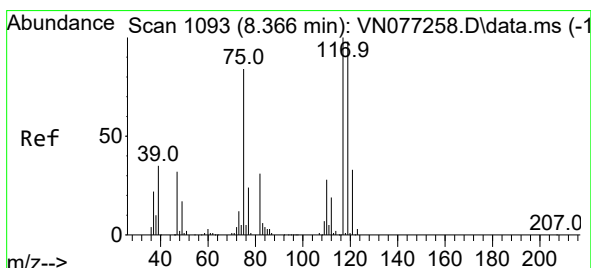
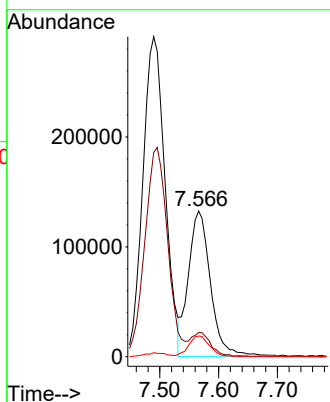
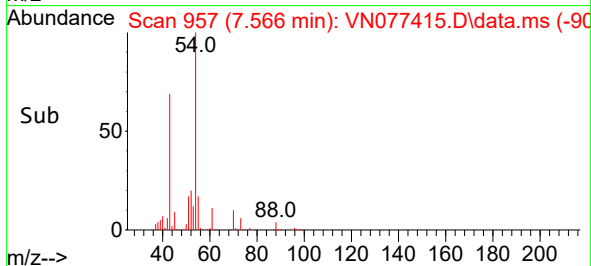
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 34673
Ion Ratio Lower Upper
43 100
61 13.3 12.2 18.2
70 13.5 10.0 15.0

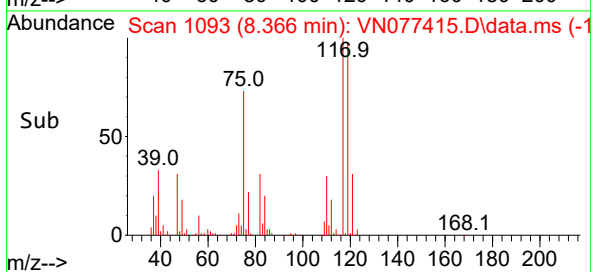
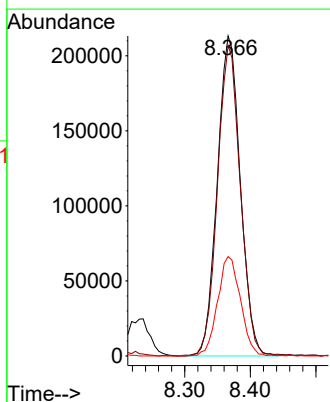
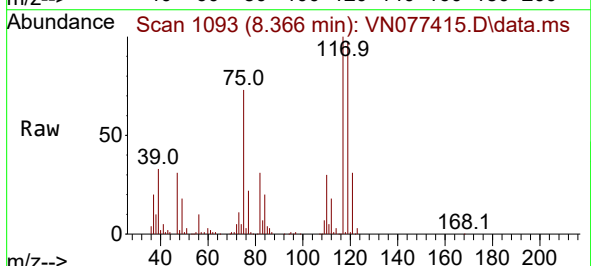
Manual Integrations
APPROVED

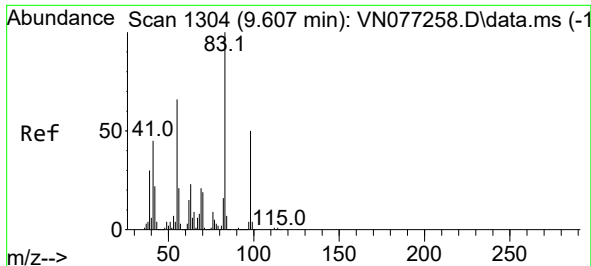
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 57.971 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Tgt Ion:117 Resp: 519748
Ion Ratio Lower Upper
117 100
119 97.0 78.5 117.7
121 31.1 26.6 40.0





#39

Methylcyclohexane

Concen: 52.827 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077415.D

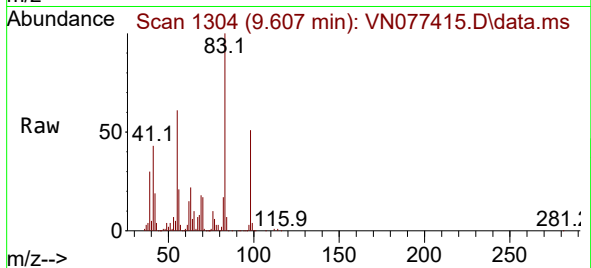
Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 62336

Ion Ratio Lower Upper

83 100

55 61.0 52.4 78.6

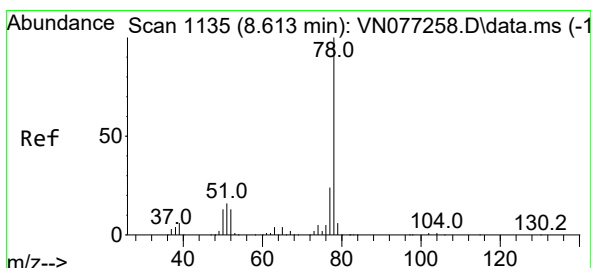
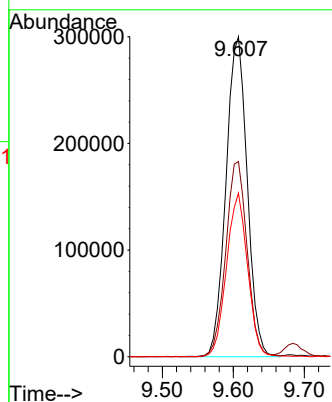
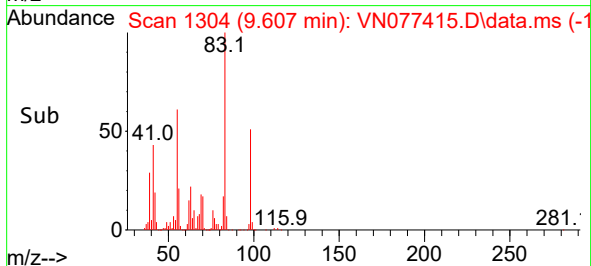
98 51.1 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 53.114 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077415.D

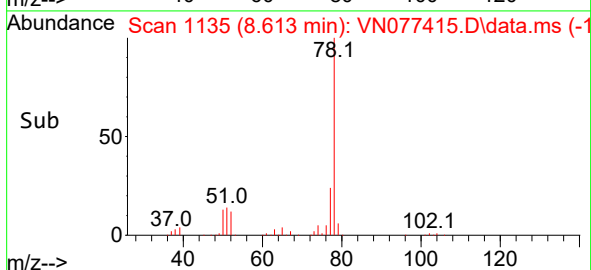
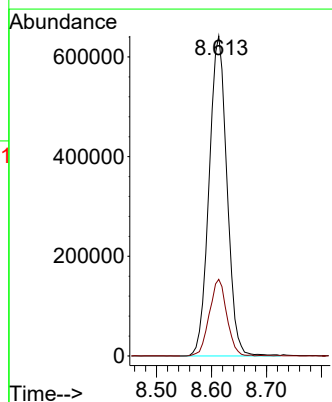
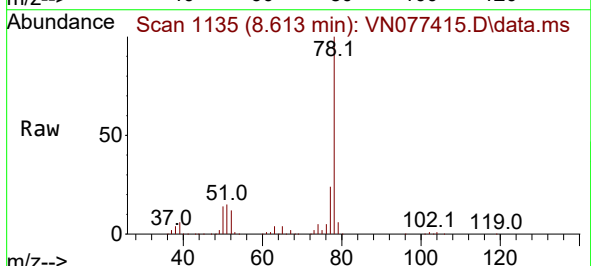
Acq: 20 Apr 2023 21:13

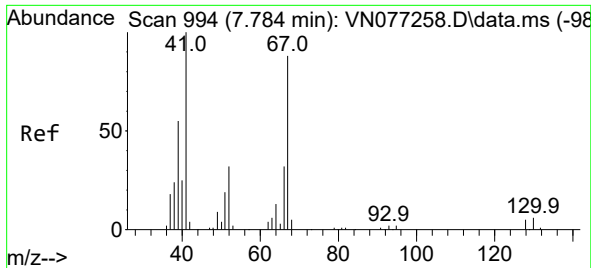
Tgt Ion: 78 Resp: 1449766

Ion Ratio Lower Upper

78 100

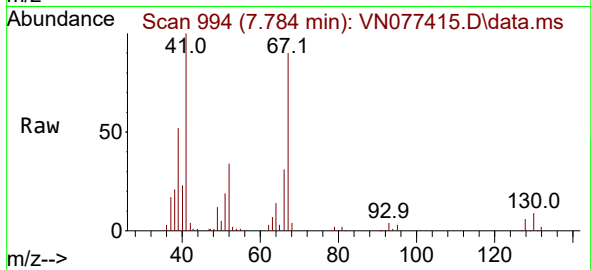
77 23.9 19.5 29.3





#41
Methacrylonitrile
Concen: 40.632 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

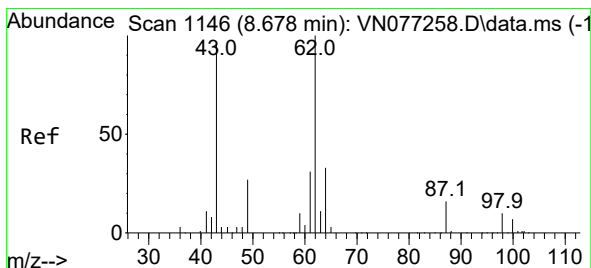
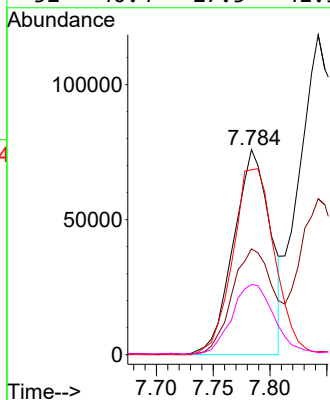
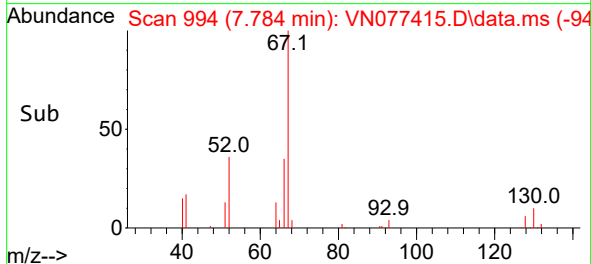
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



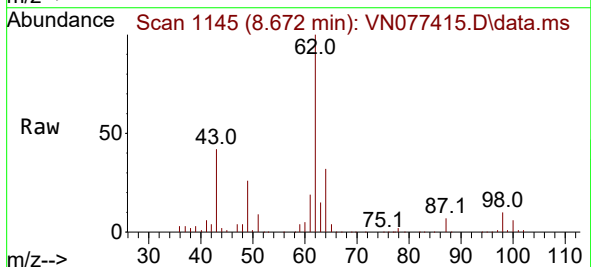
Tgt Ion: 41 Resp: 17100
Ion Ratio Lower Upper
41 100
39 59.3 44.1 66.1
67 103.6 71.4 107.2
52 40.4 27.5 41.3

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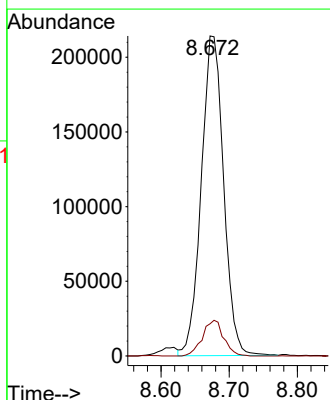
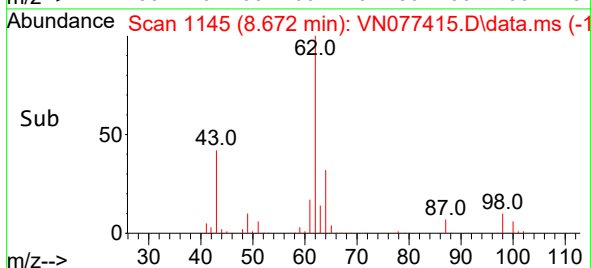
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

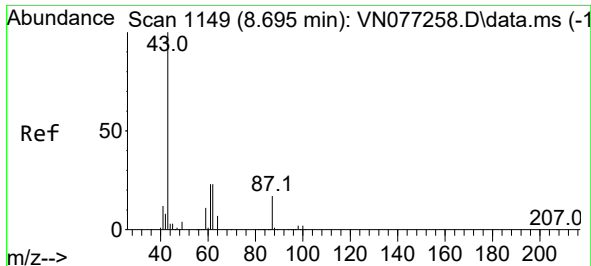


#42
1,2-Dichloroethane
Concen: 58.129 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



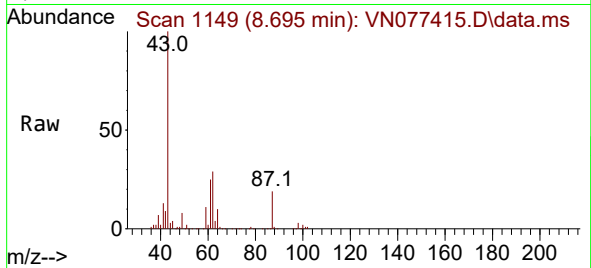
Tgt Ion: 62 Resp: 488331
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 43.411 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

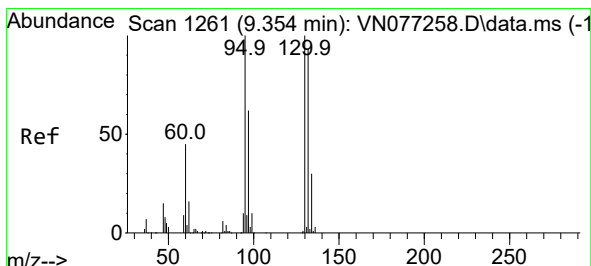
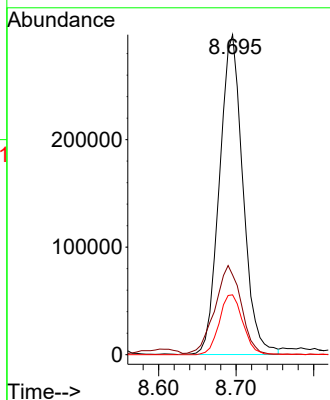
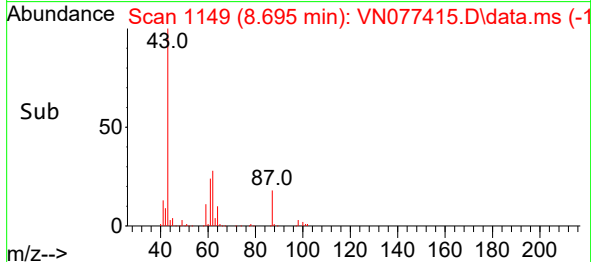
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 627178
Ion Ratio Lower Upper
43 100
61 31.3 22.7 34.1
87 18.8 13.6 20.4

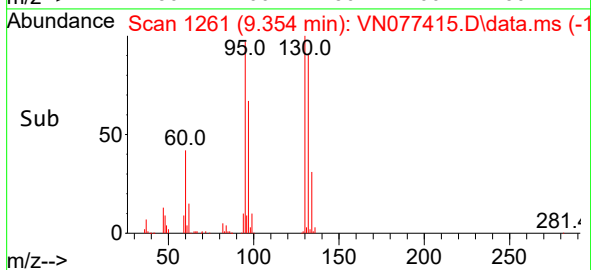
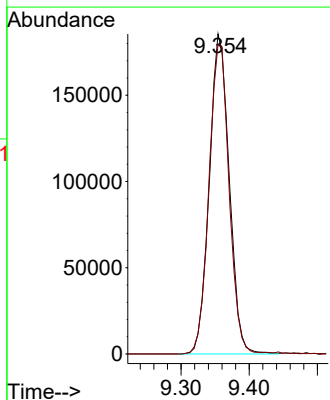
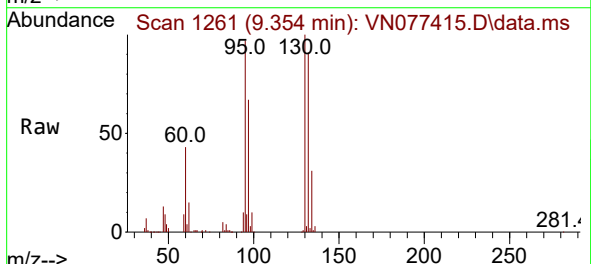
Manual Integrations
APPROVED

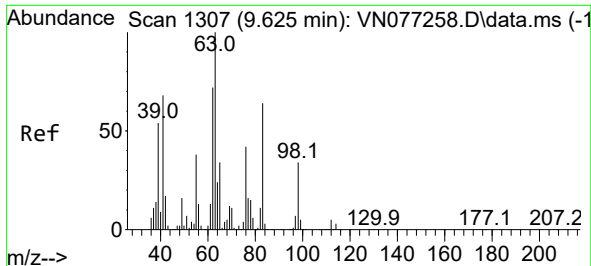
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 57.892 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Tgt Ion:130 Resp: 378094
Ion Ratio Lower Upper
130 100
95 96.7 0.0 200.2





#45

1,2-Dichloropropane

Concen: 52.456 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 34005

Ion Ratio Lower Upper

63 100

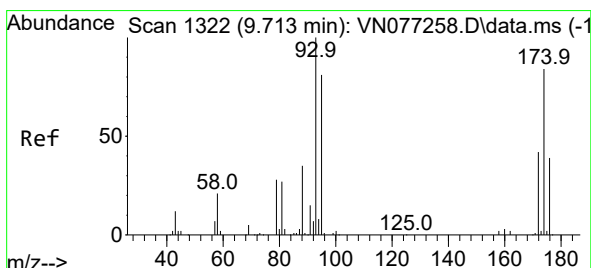
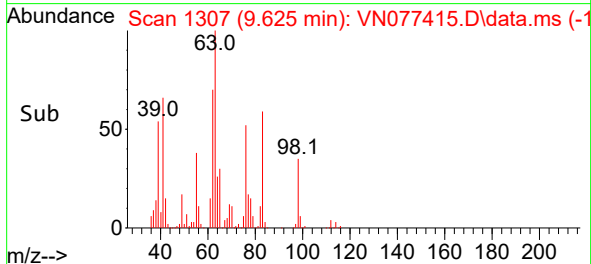
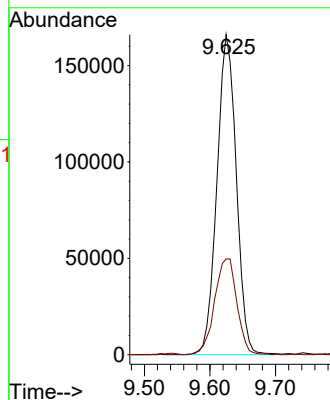
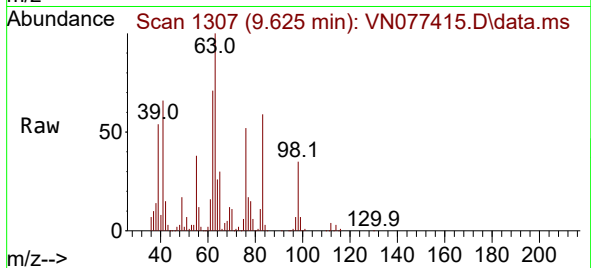
65 30.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 54.166 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

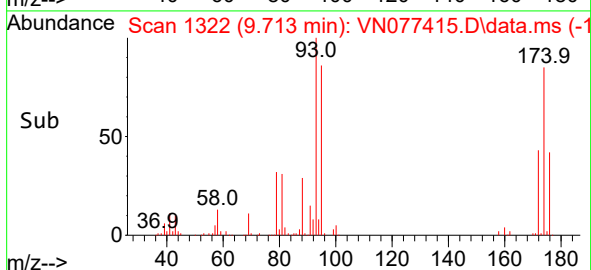
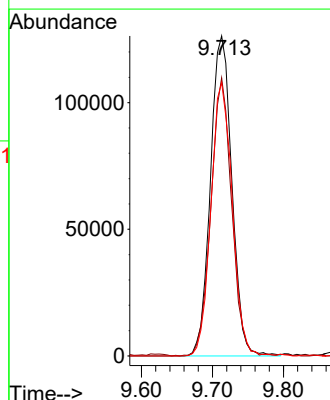
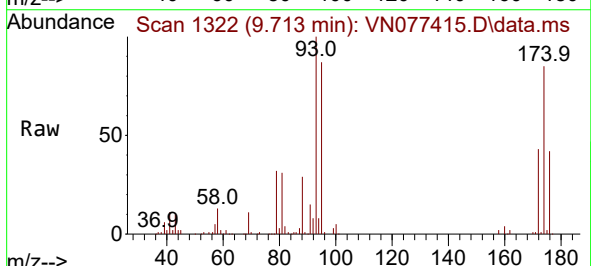
Tgt Ion: 93 Resp: 264556

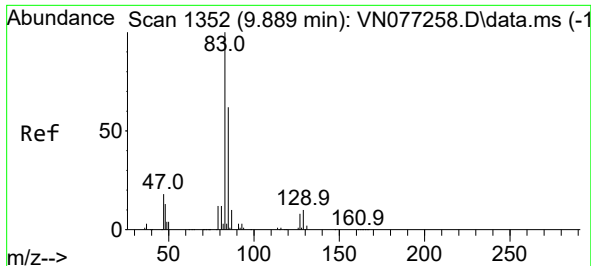
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.6

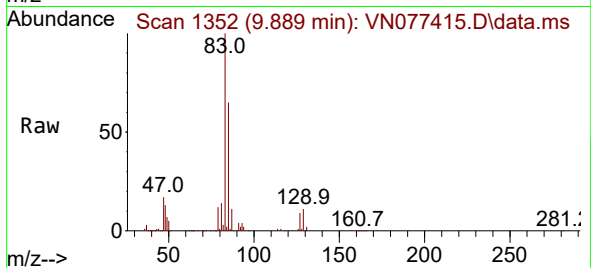
174 85.0 66.0 99.0





#47
Bromodichloromethane
Concen: 54.877 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

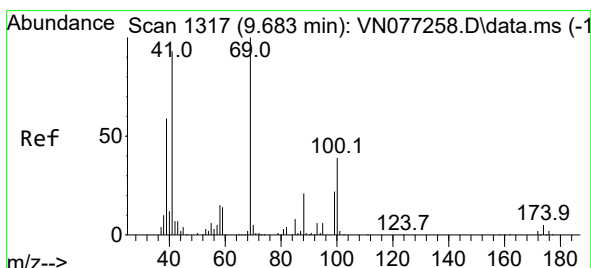
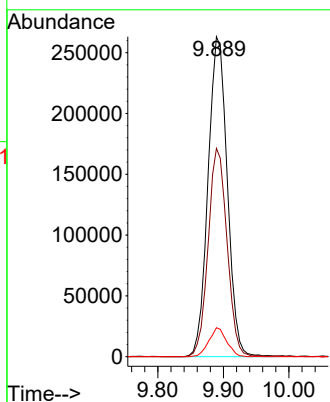
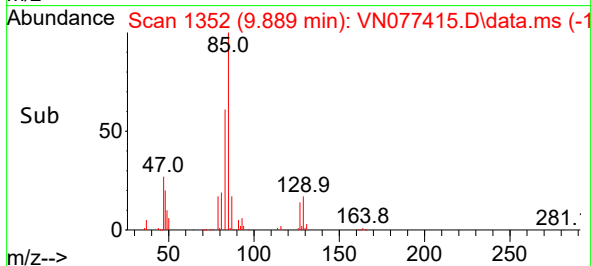
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 535729
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.8
127 9.1 6.2 9.2

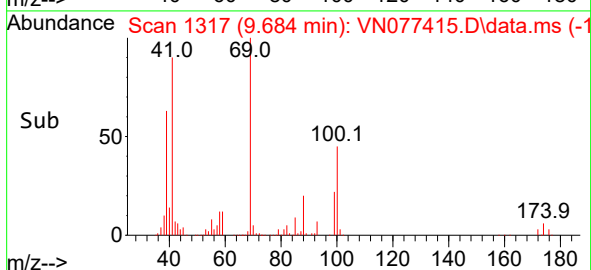
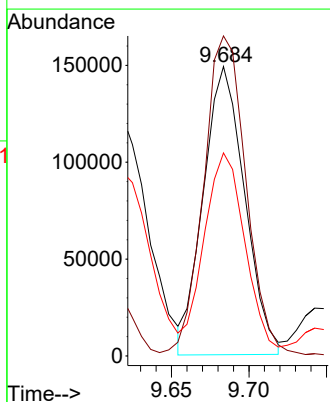
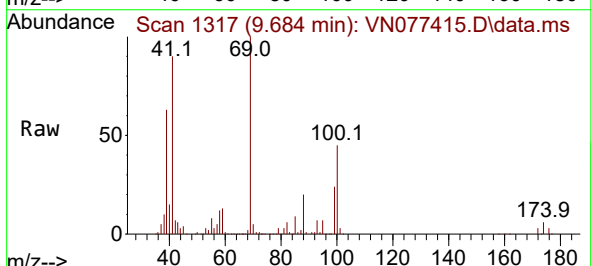
Manual Integrations
APPROVED

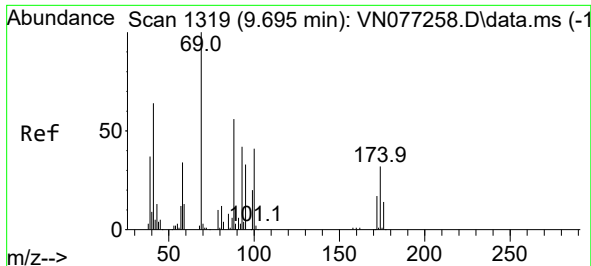
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 44.767 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Tgt Ion: 41 Resp: 275902
Ion Ratio Lower Upper
41 100
69 113.6 85.0 127.6
39 70.3 53.5 80.3





#49

1,4-Dioxane

Concen: 881.180 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 131668

Ion Ratio Lower Upper

88 100

43 18.7 17.0 25.6

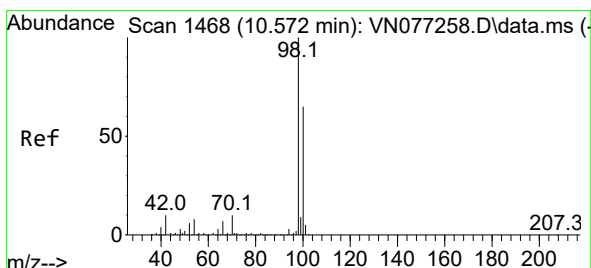
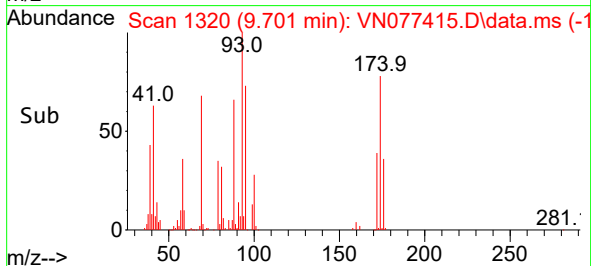
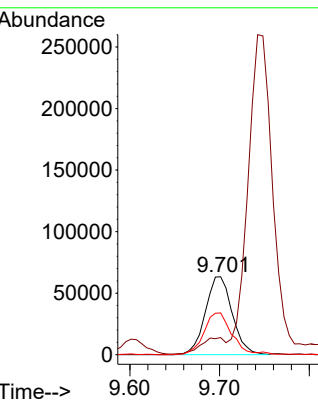
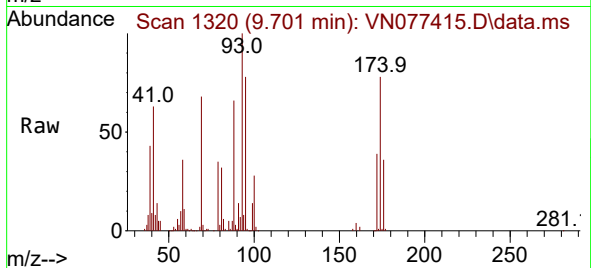
58 56.6 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#50

Toluene-d8

Concen: 47.128 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077415.D

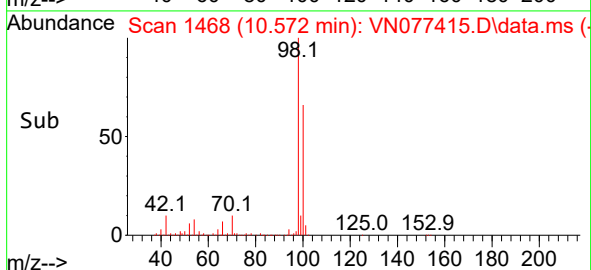
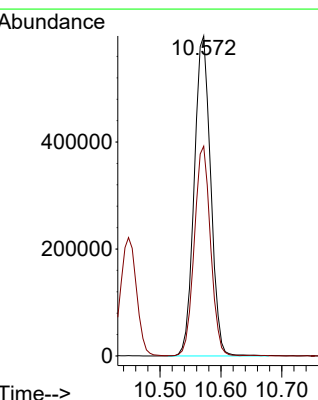
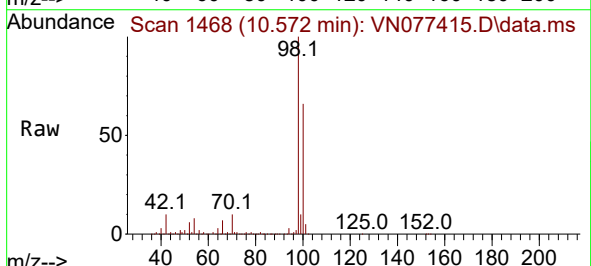
Acq: 20 Apr 2023 21:13

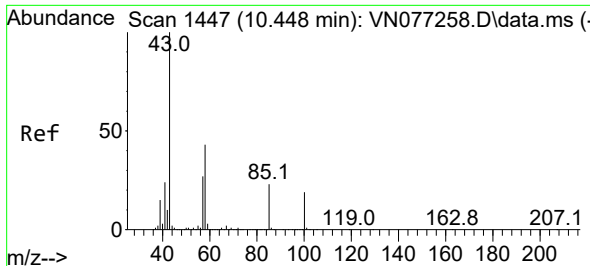
Tgt Ion: 98 Resp: 1122540

Ion Ratio Lower Upper

98 100

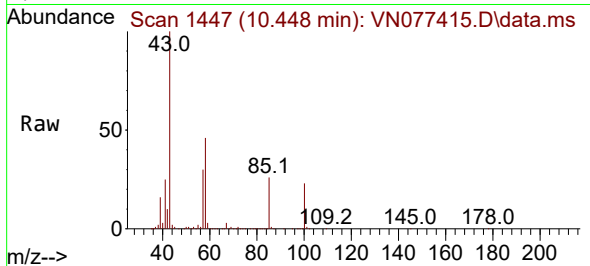
100 64.4 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 210.869 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

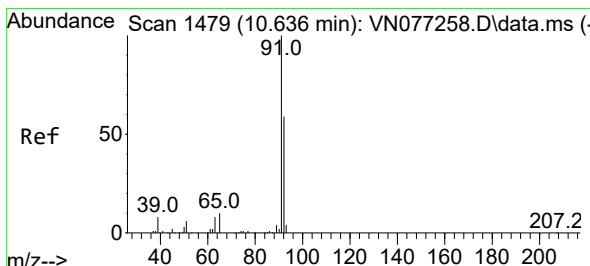
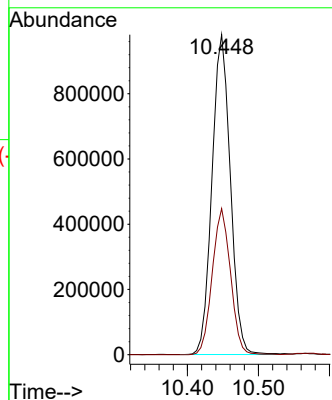
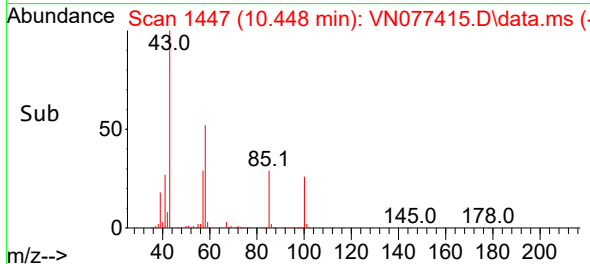
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 176096
Ion Ratio Lower Upper
43 100
58 45.4 34.6 52.0

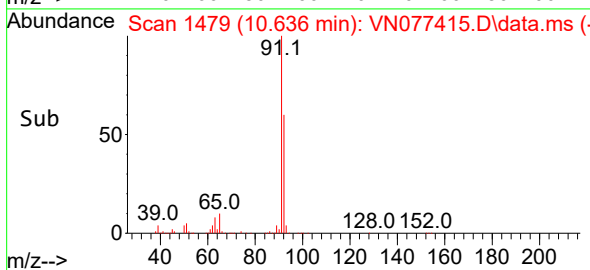
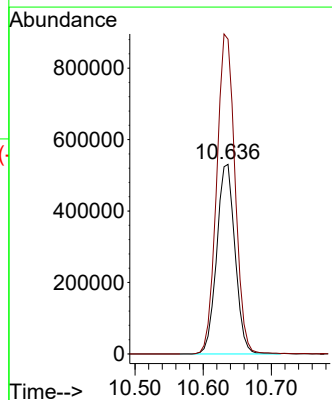
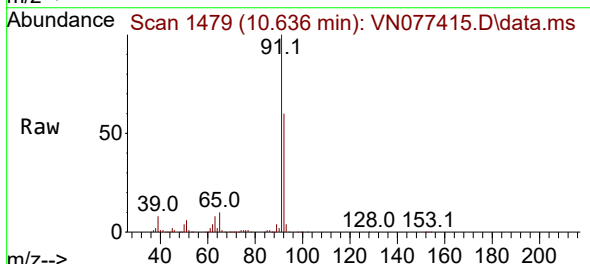
Manual Integrations
APPROVED

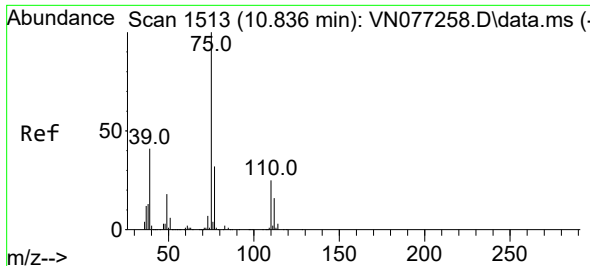
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 55.517 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

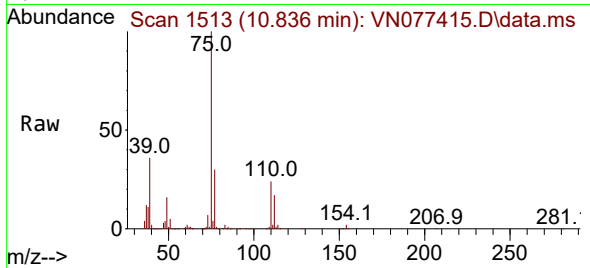
Tgt Ion: 92 Resp: 991863
Ion Ratio Lower Upper
92 100
91 169.1 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 54.426 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

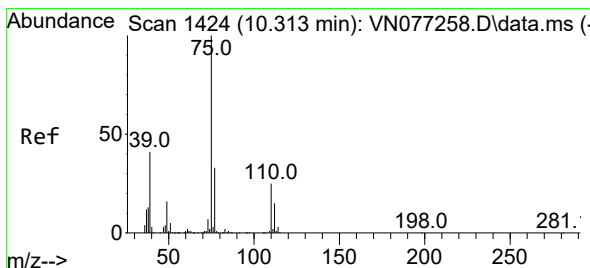
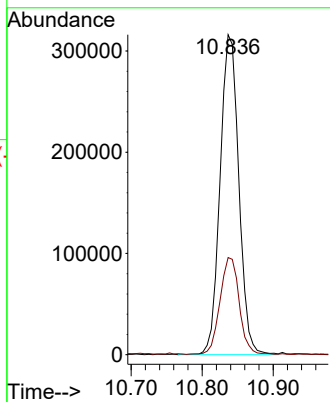
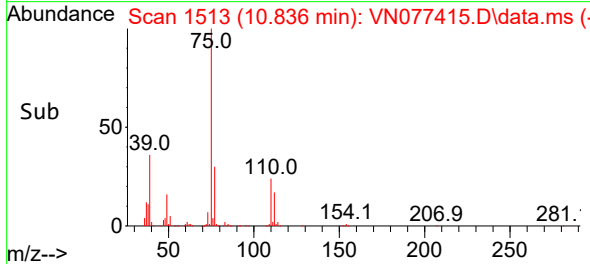
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 57695
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

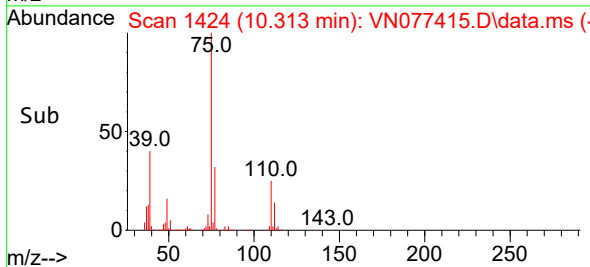
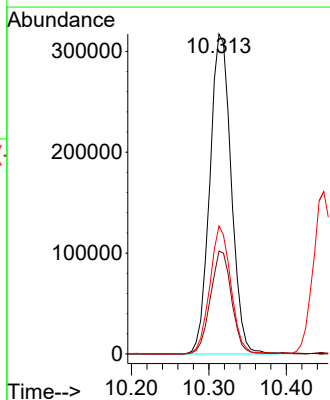
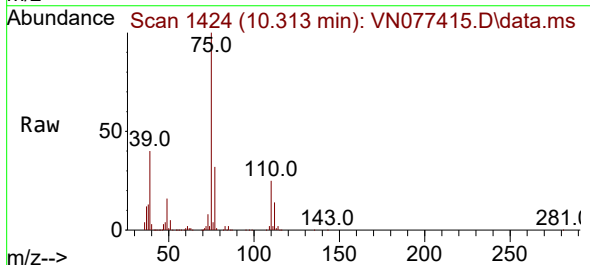
Manual Integrations
APPROVED

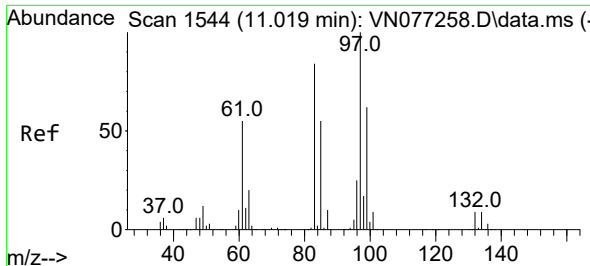
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
cis-1,3-Dichloropropene
Concen: 53.908 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

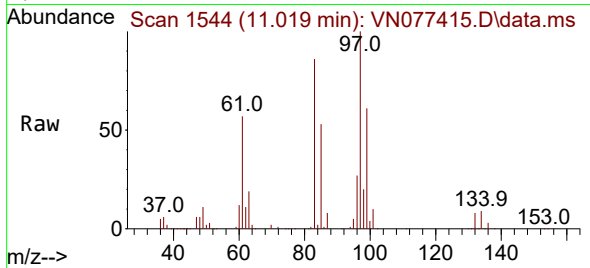
Tgt Ion: 75 Resp: 608717
Ion Ratio Lower Upper
75 100
77 32.2 26.7 40.1
39 39.9 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 54.577 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

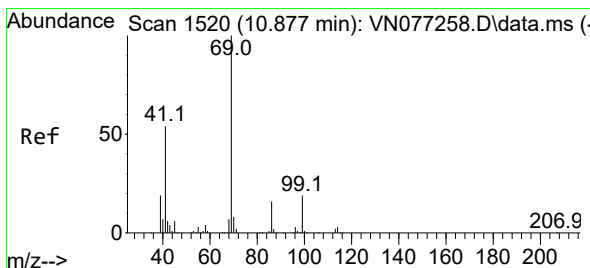
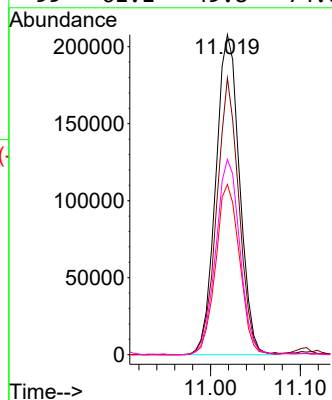
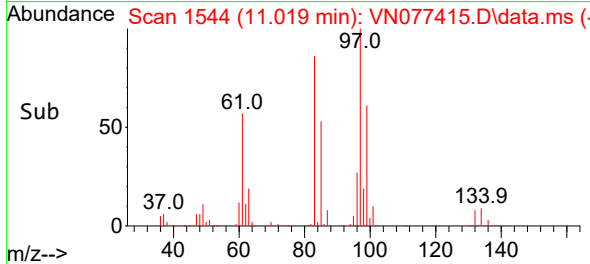


Tgt Ion: 97 Resp: 382758

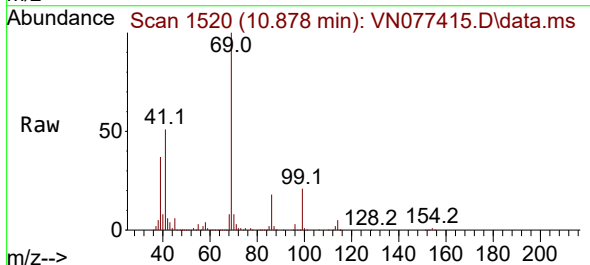
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	53.2	44.1	66.1
99	61.1	49.8	74.6

Manual Integrations
APPROVED

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

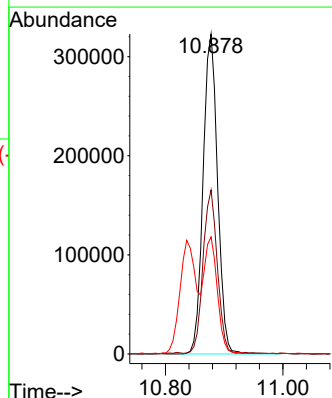
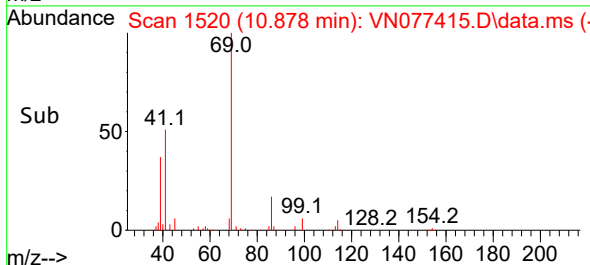


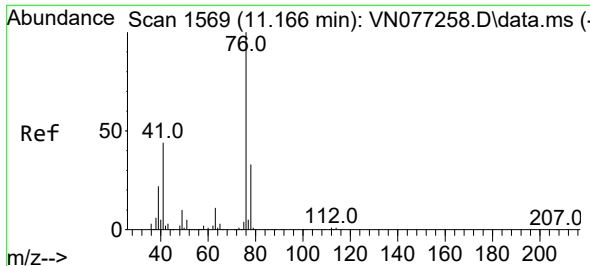
#56
Ethyl methacrylate
Concen: 50.505 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



Tgt Ion: 69 Resp: 551701

Ion	Ratio	Lower	Upper
69	100		
41	49.9	42.8	64.2
39	32.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 53.969 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 625318

Ion Ratio Lower Upper

76 100

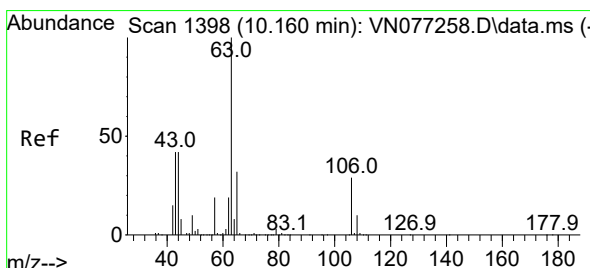
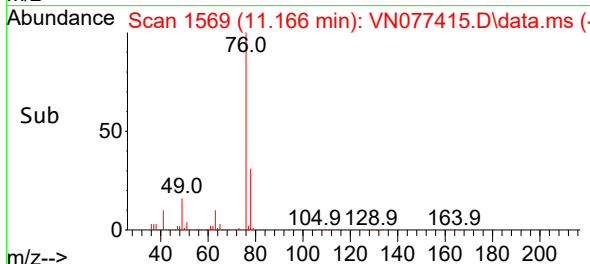
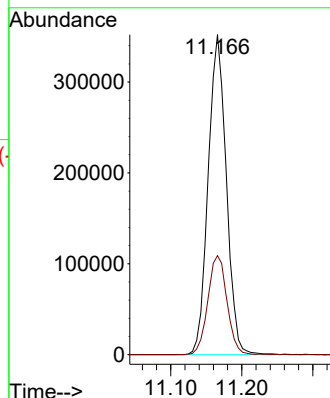
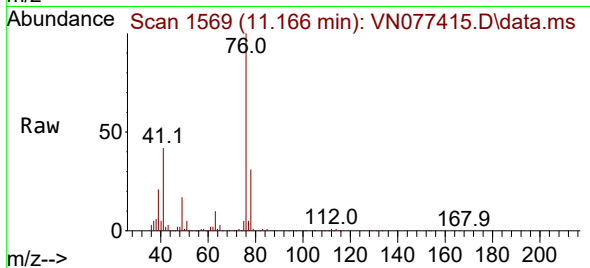
78 32.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.424 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077415.D

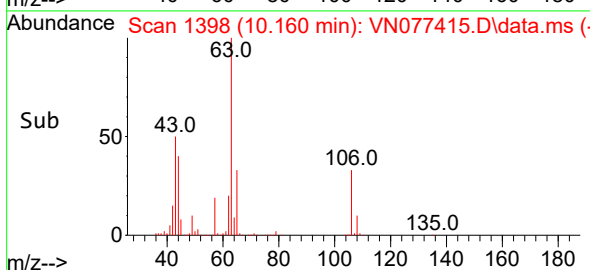
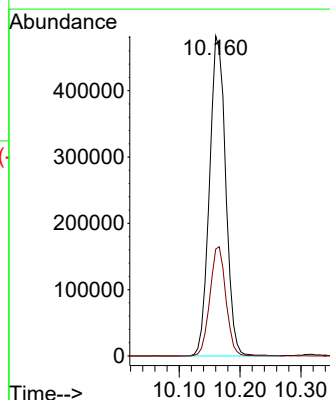
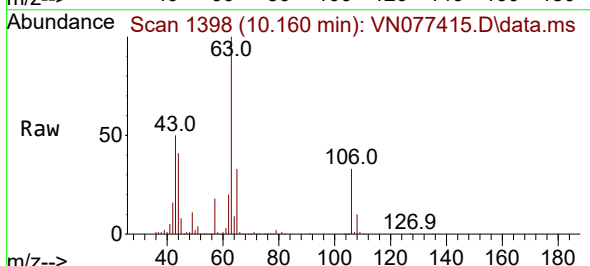
Acq: 20 Apr 2023 21:13

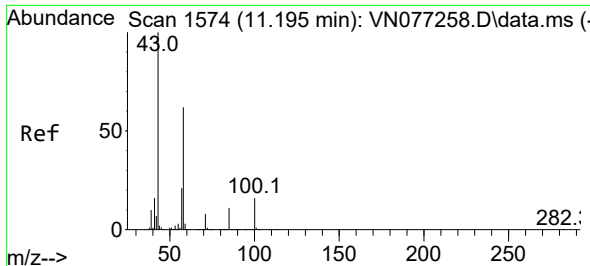
Tgt Ion: 63 Resp: 892358

Ion Ratio Lower Upper

63 100

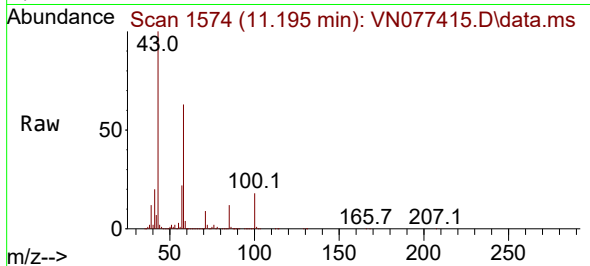
106 33.6 24.1 36.1





#59
2-Hexanone
Concen: 202.245 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

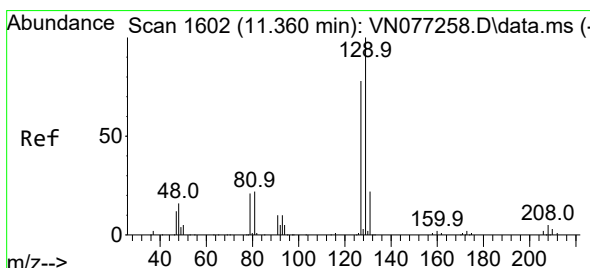
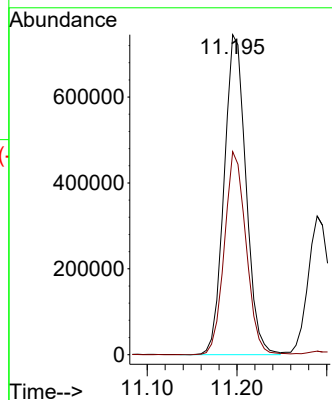
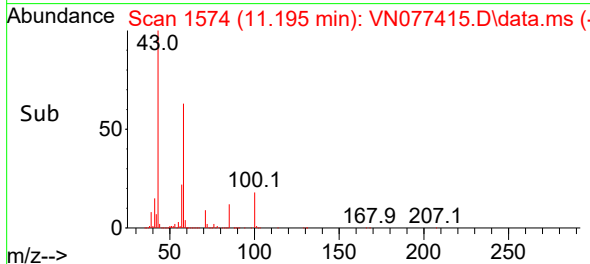
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1258260
Ion Ratio Lower Upper
43 100
58 63.1 30.9 92.5

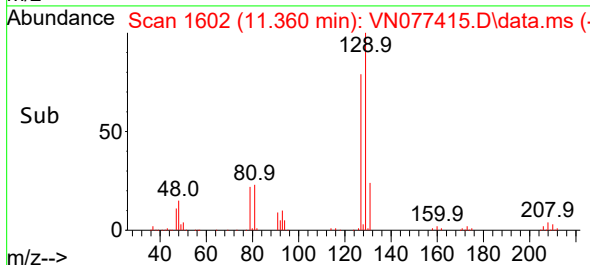
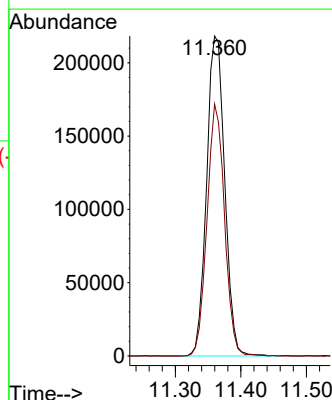
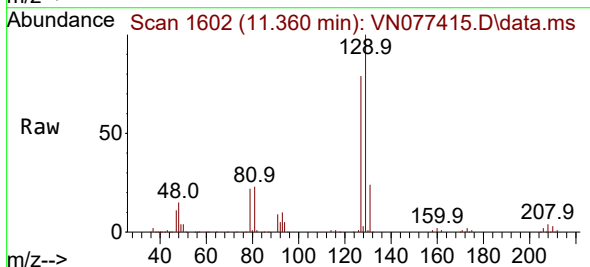
Manual Integrations
APPROVED

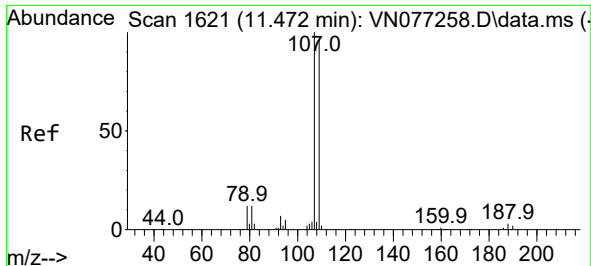
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 58.030 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

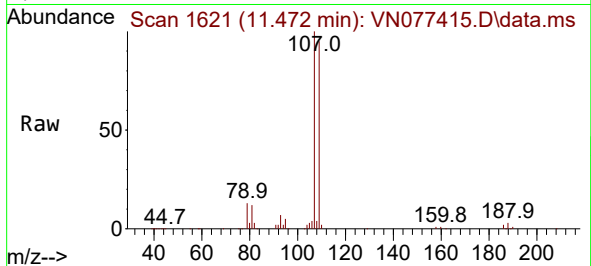
Tgt Ion:129 Resp: 419155
Ion Ratio Lower Upper
129 100
127 76.1 38.1 114.5





#61
1,2-Dibromoethane
Concen: 56.304 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

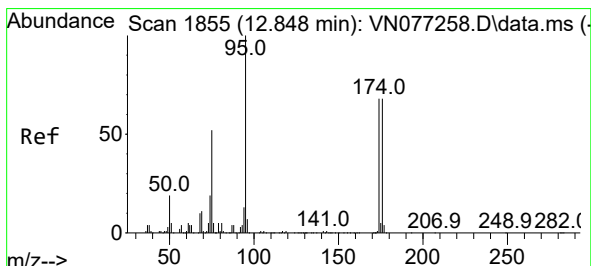
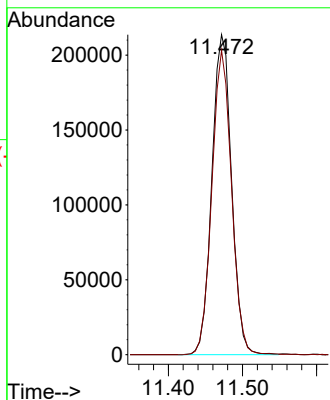
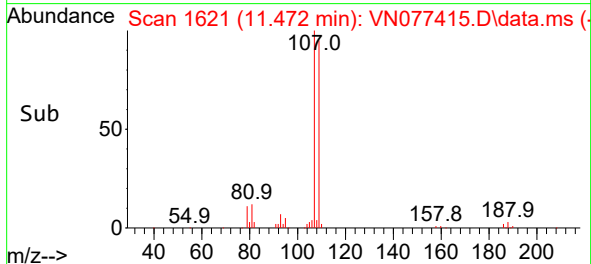
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



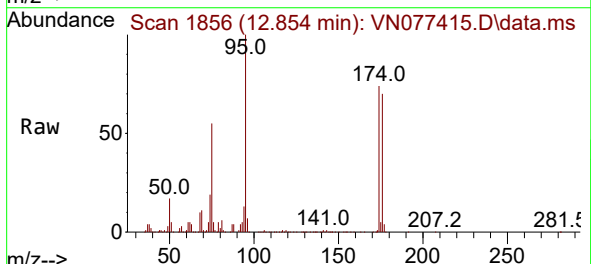
Tgt Ion:107 Resp: 394135
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

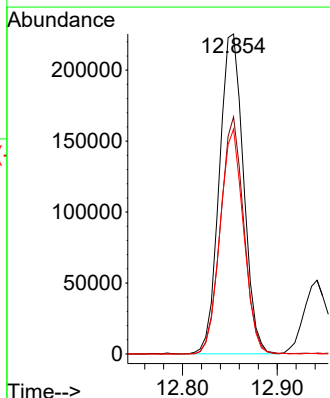
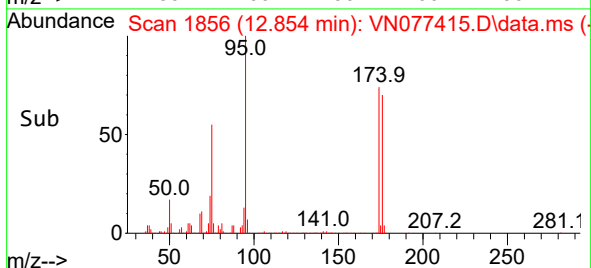
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

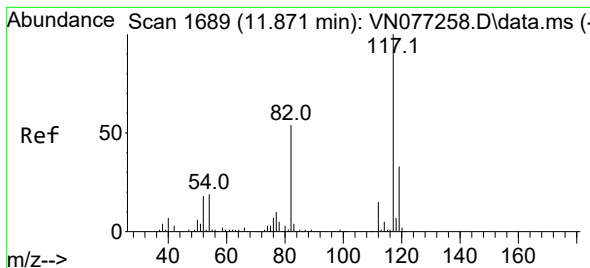


#62
4-Bromofluorobenzene
Concen: 50.415 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



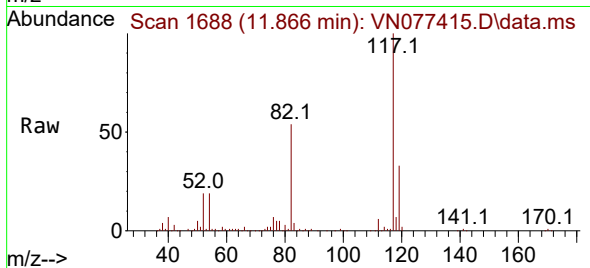
Tgt Ion: 95 Resp: 399380
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.8
176 68.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

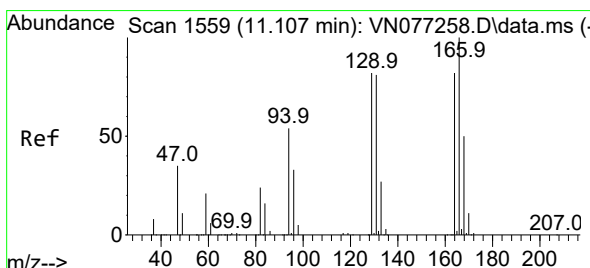
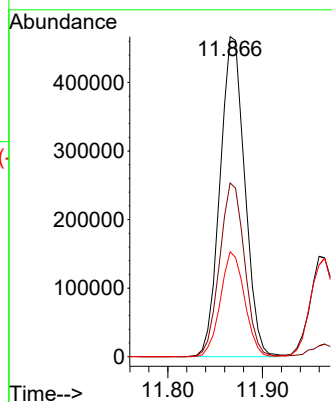
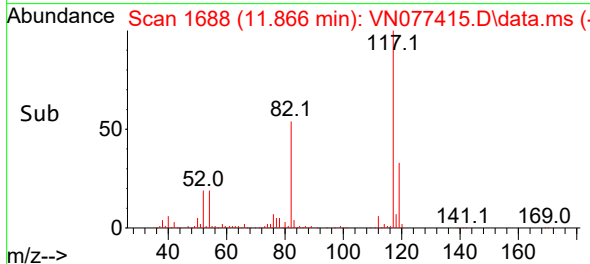
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 847790
Ion Ratio Lower Upper
117 100
82 54.3 42.9 64.3
119 32.8 26.2 39.4

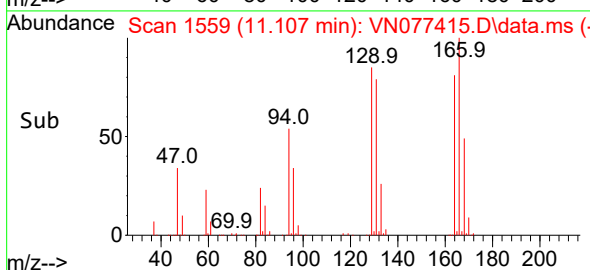
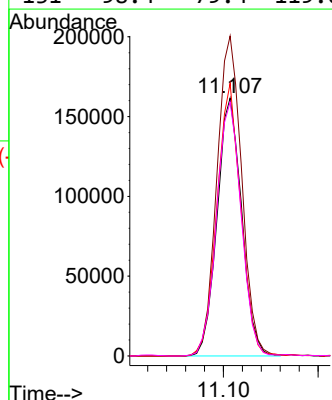
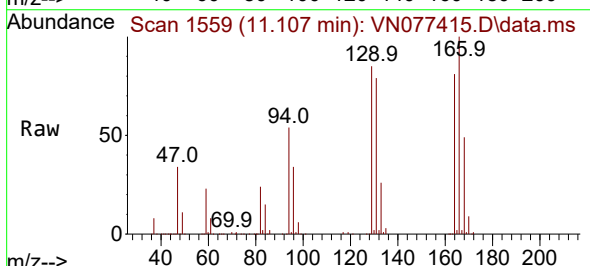
Manual Integrations
APPROVED

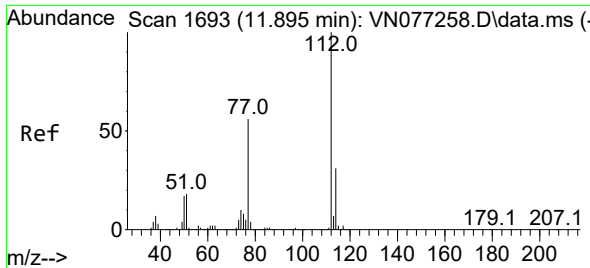
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 55.357 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

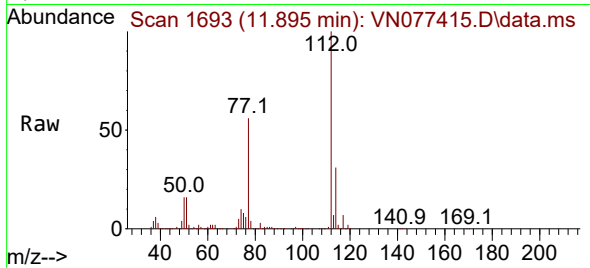
Tgt Ion:164 Resp: 289925
Ion Ratio Lower Upper
164 100
166 124.0 97.8 146.6
129 105.7 80.1 120.1
131 98.4 79.4 119.0





#65
Chlorobenzene
Concen: 56.823 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

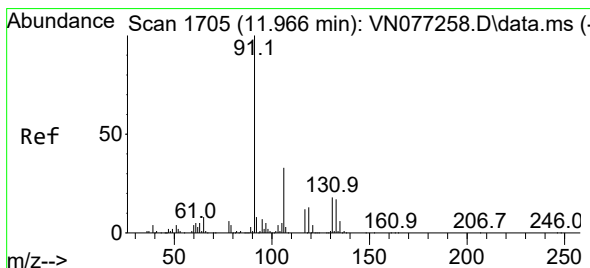
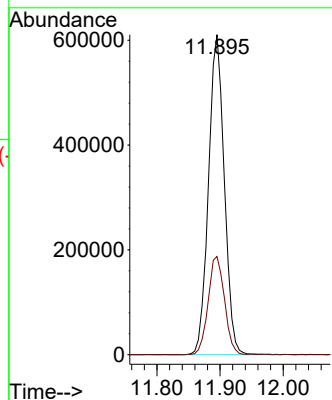
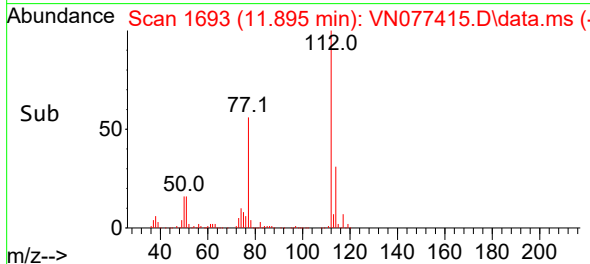
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



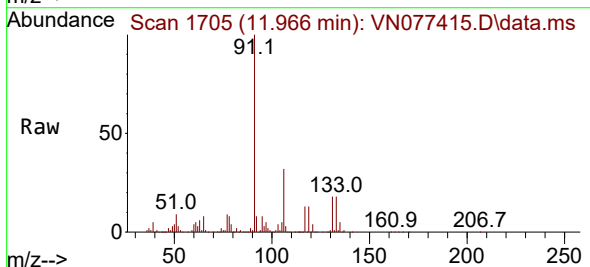
Tgt Ion:112 Resp: 106062
Ion Ratio Lower Upper
112 100
114 30.7 24.6 36.8

Manual Integrations
APPROVED

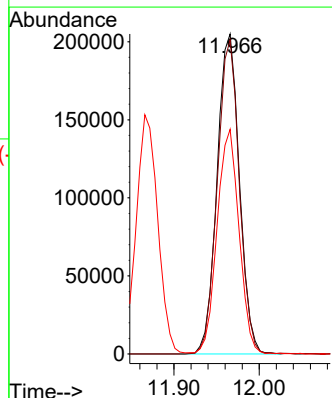
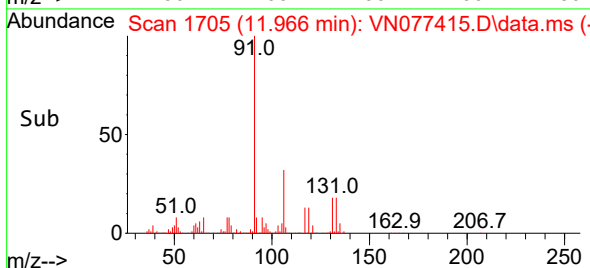
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

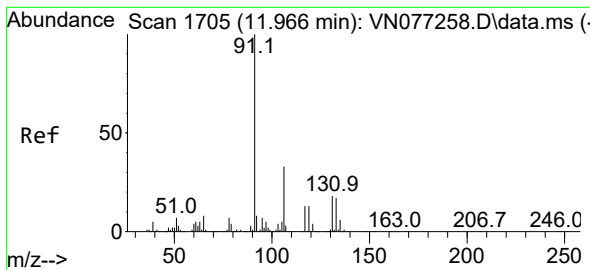


#66
1,1,1,2-Tetrachloroethane
Concen: 52.812 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



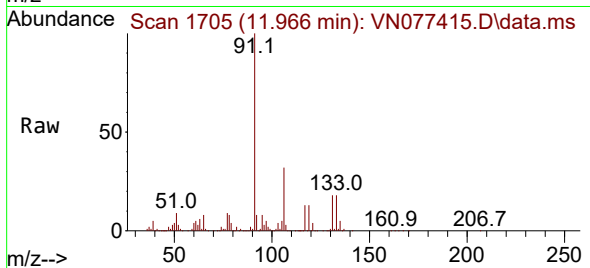
Tgt Ion:131 Resp: 372976
Ion Ratio Lower Upper
131 100
133 96.4 46.9 140.6
119 69.1 34.0 102.0





#67
Ethyl Benzene
Concen: 55.657 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

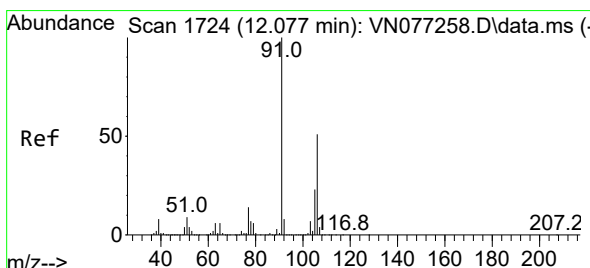
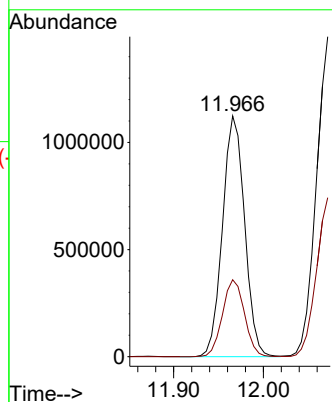
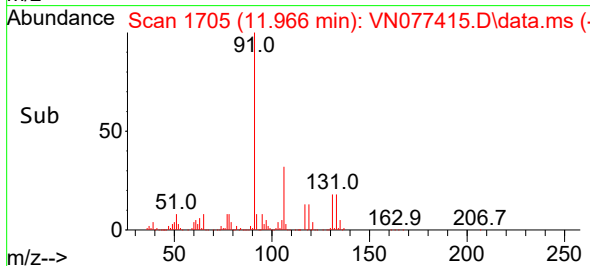
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



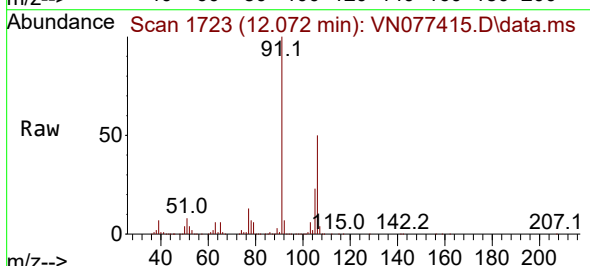
Tgt Ion: 91 Resp: 1917008
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2

Manual Integrations
APPROVED

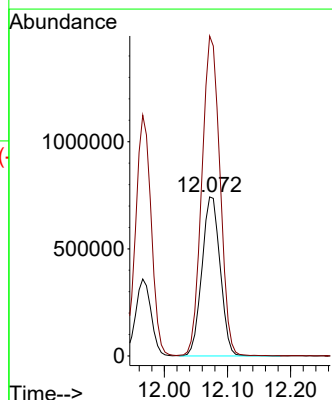
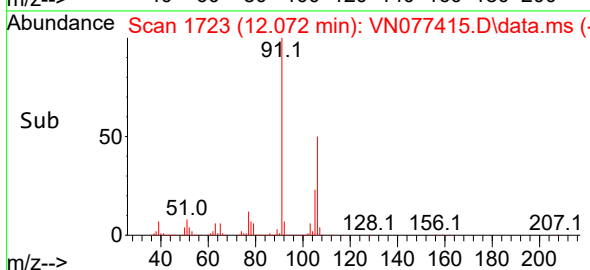
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

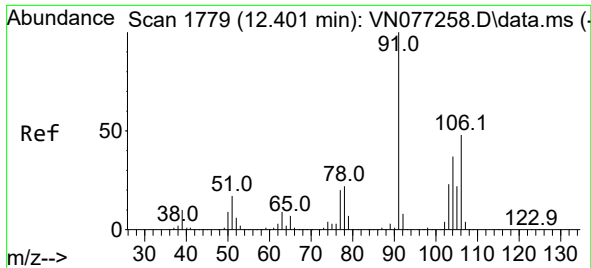


#68
m/p-Xylenes
Concen: 110.108 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



Tgt Ion:106 Resp: 1490148
Ion Ratio Lower Upper
106 100
91 199.7 158.7 238.1





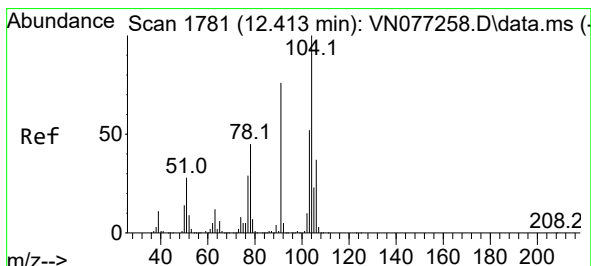
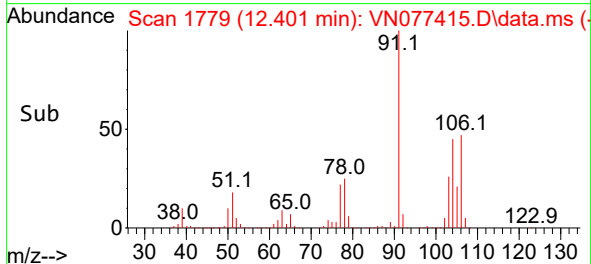
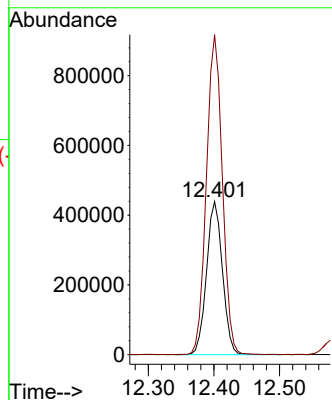
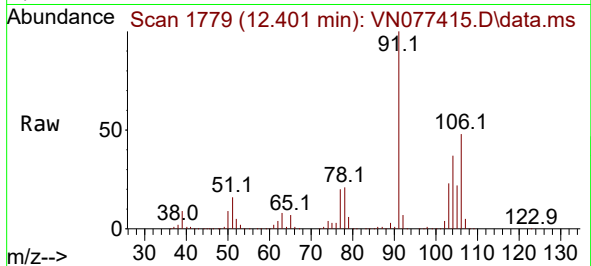
#69
o-Xylene
Concen: 55.624 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 742644
Ion Ratio Lower Upper
106 100
91 208.9 104.0 312.0

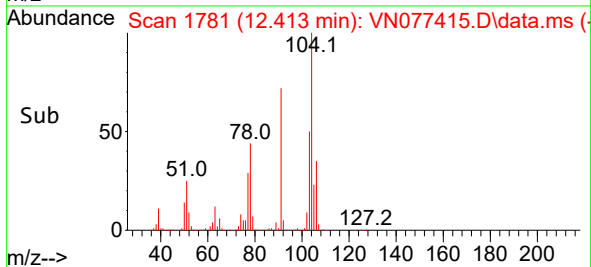
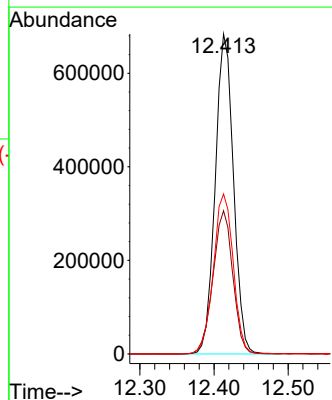
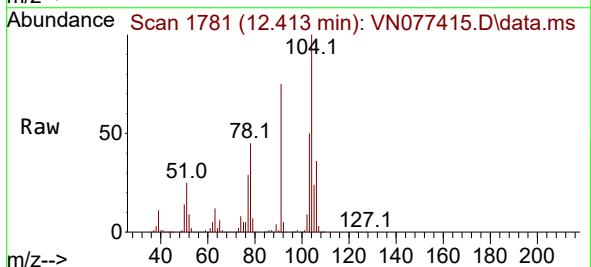
Manual Integrations
APPROVED

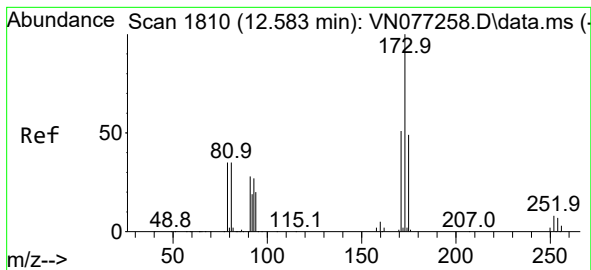
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 54.448 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Tgt Ion:104 Resp: 1169809
Ion Ratio Lower Upper
104 100
78 48.6 38.0 57.0
103 54.4 43.1 64.7





#71

Bromoform

Concen: 52.844 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 262709

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

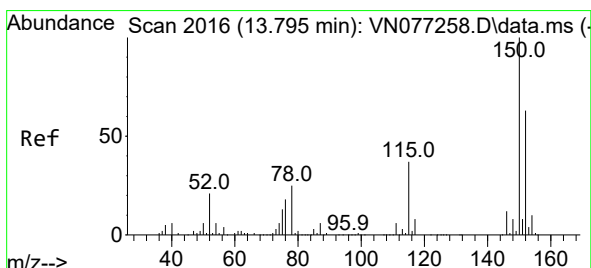
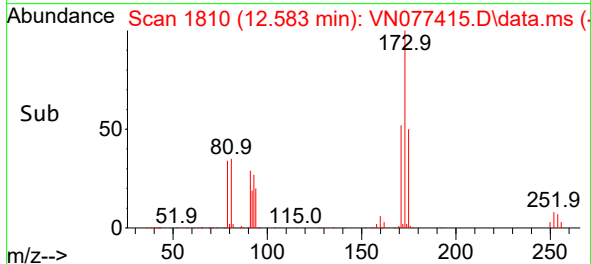
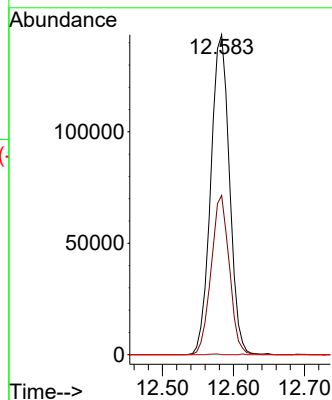
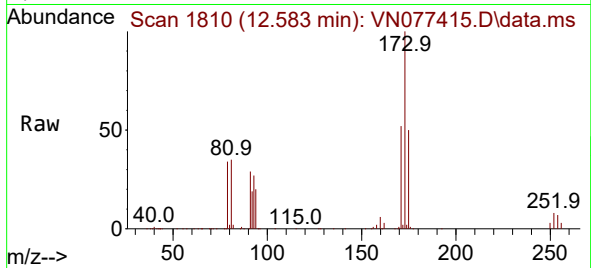
254 0.1 0.1 0.1

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: VN077415.D

Acq: 20 Apr 2023 21:13

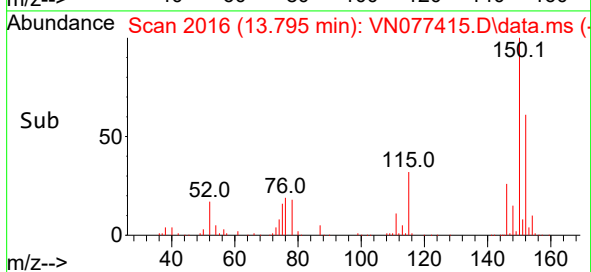
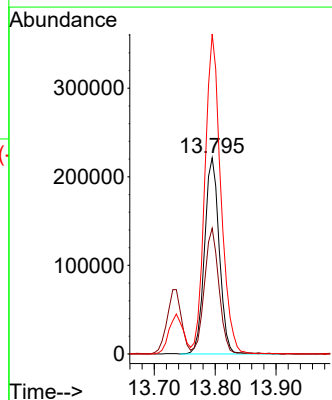
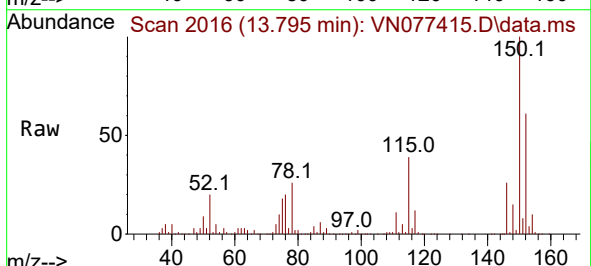
Tgt Ion:152 Resp: 371632

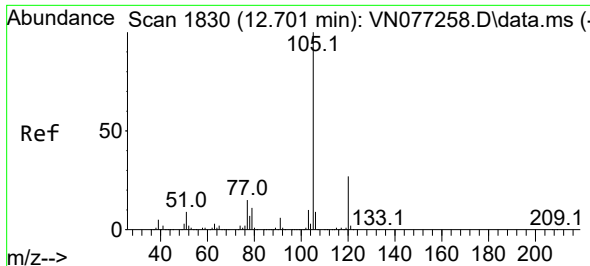
Ion Ratio Lower Upper

152 100

115 62.5 32.1 96.3

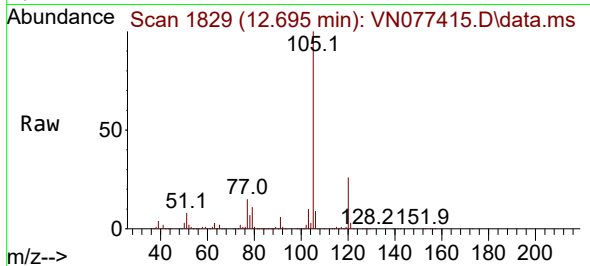
150 176.4 0.0 354.8





#73
Isopropylbenzene
Concen: 52.321 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

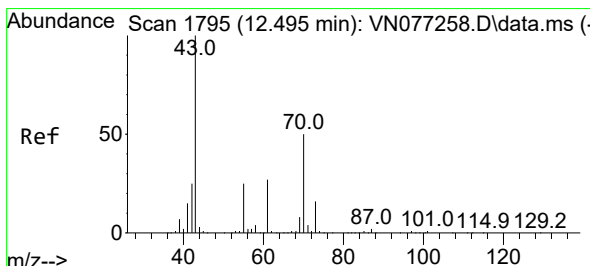
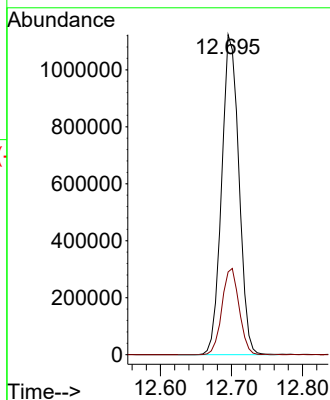
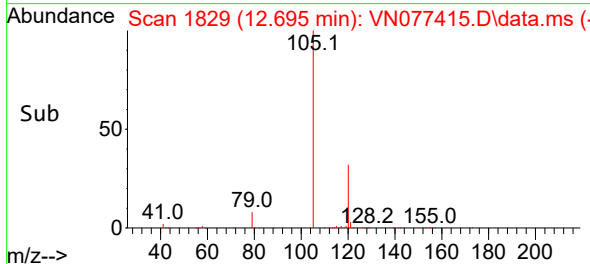
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 1888600
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

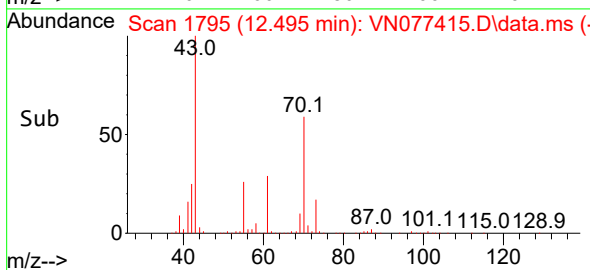
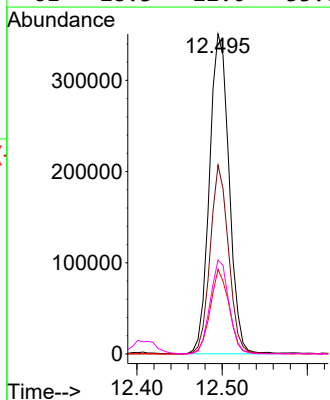
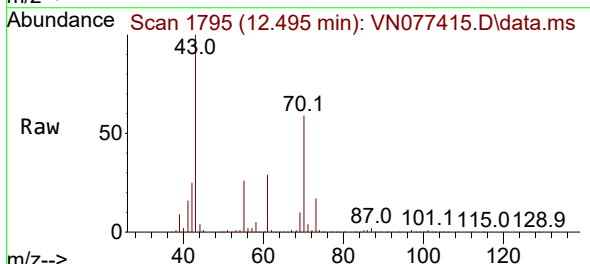
Manual Integrations
APPROVED

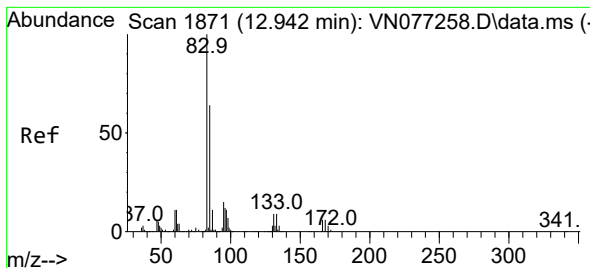
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 41.100 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

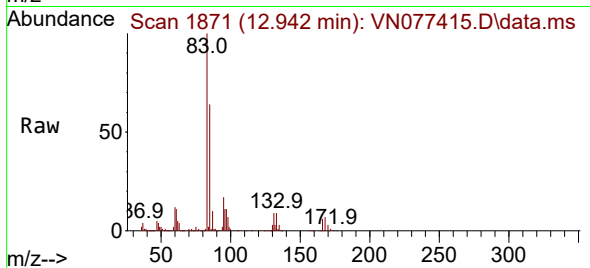
Tgt Ion: 43 Resp: 562218
Ion Ratio Lower Upper
43 100
70 55.4 41.0 61.6
55 25.5 19.3 28.9
61 28.3 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.211 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

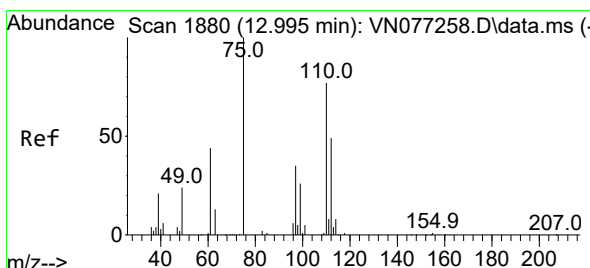
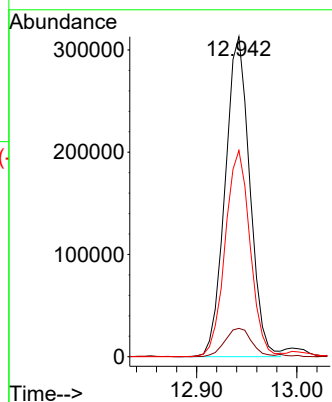
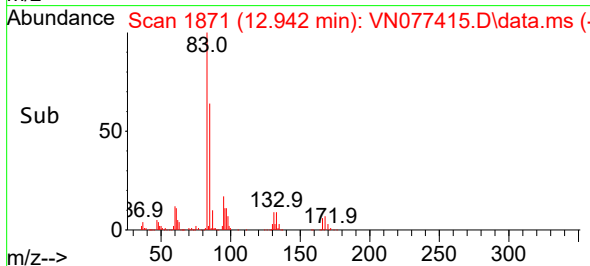
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



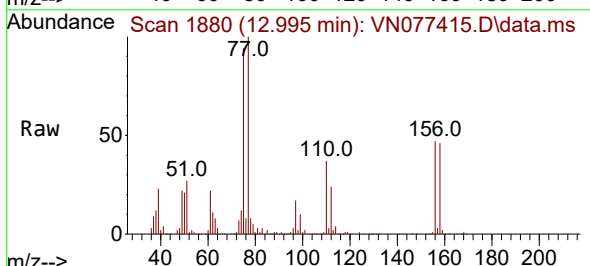
Tgt Ion: 83 Resp: 534790
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 65.1 32.1 96.3

Manual Integrations
APPROVED

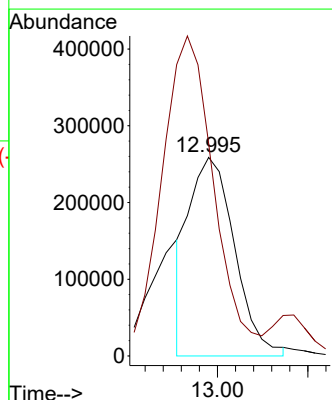
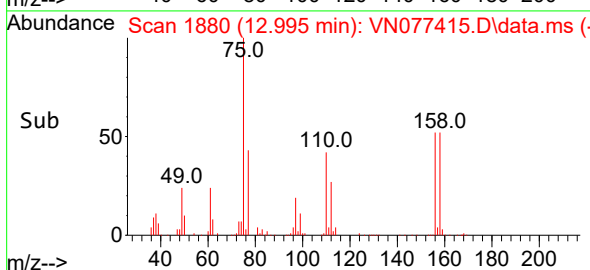
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

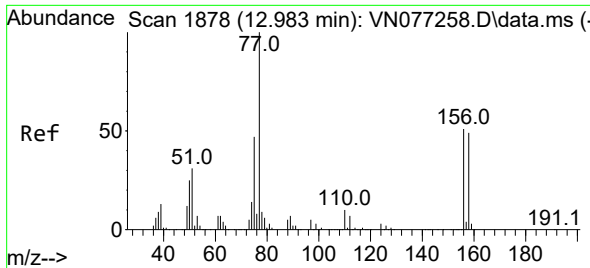


#76
1,2,3-Trichloropropane
Concen: 51.218 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



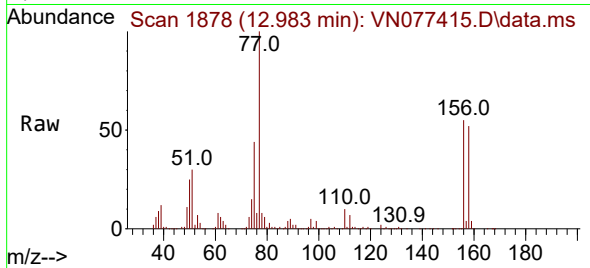
Tgt Ion: 75 Resp: 453253
Ion Ratio Lower Upper
75 100
77 185.5 88.3 264.9





#77
Bromobenzene
Concen: 54.089 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

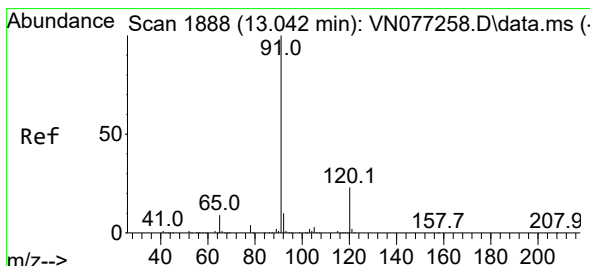
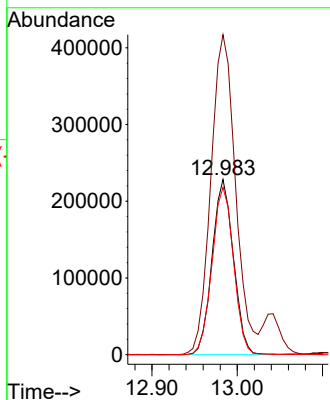
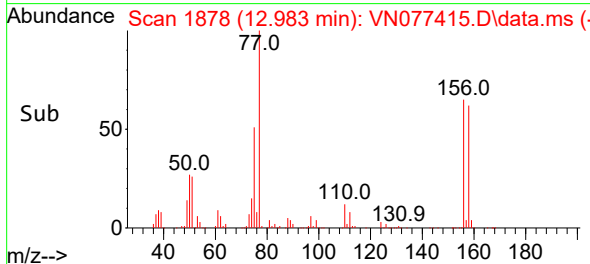
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



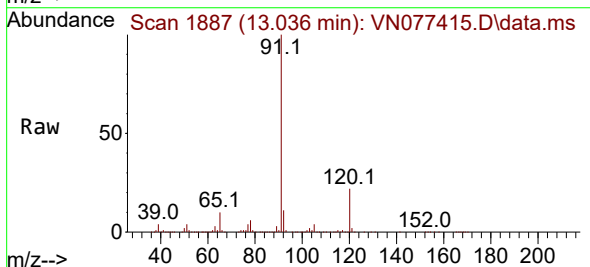
Tgt Ion:156 Resp: 396985
Ion Ratio Lower Upper
156 100
77 211.7 115.3 345.8
158 96.4 49.3 147.8

Manual Integrations
APPROVED

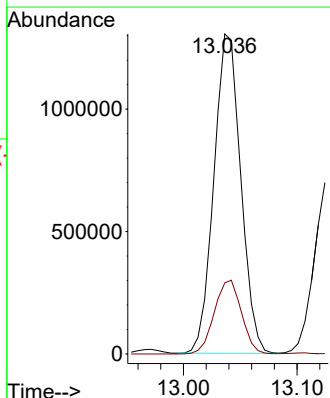
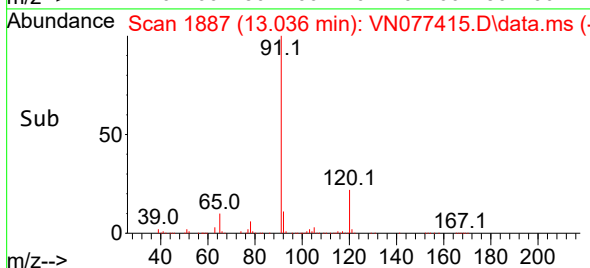
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

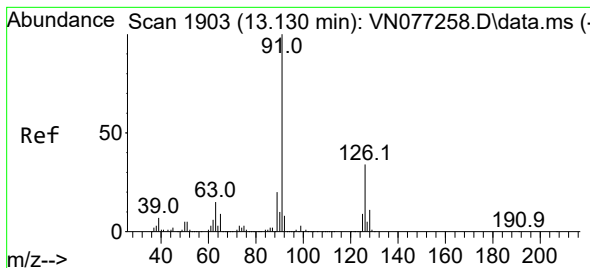


#78
n-propylbenzene
Concen: 53.827 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



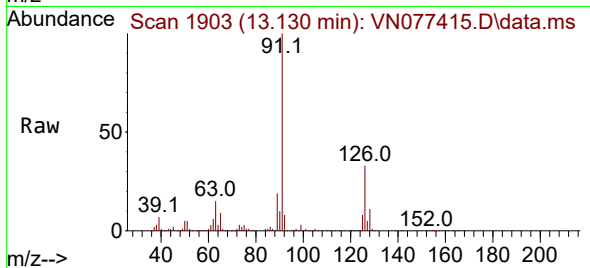
Tgt Ion: 91 Resp: 2146807
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5





#79
2-Chlorotoluene
Concen: 53.213 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

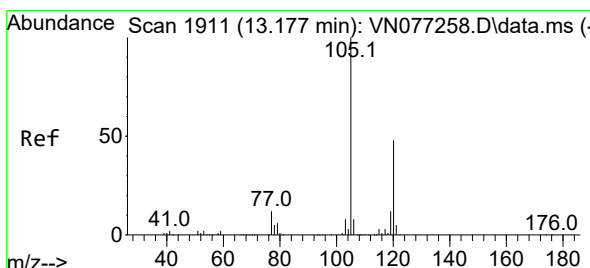
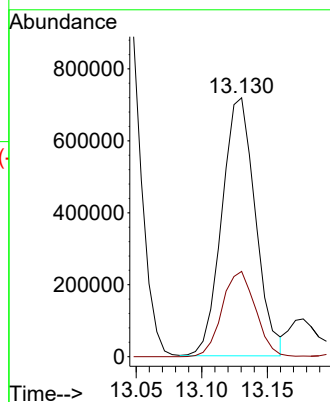
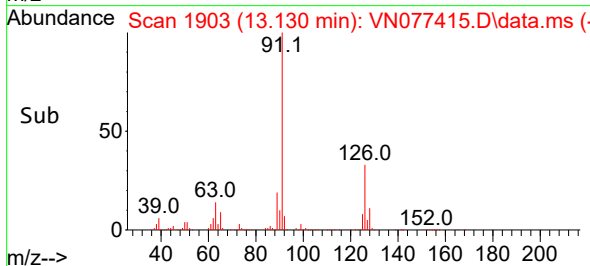
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



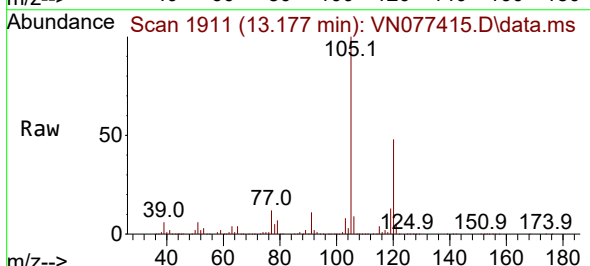
Tgt Ion: 91 Resp: 1277929
Ion Ratio Lower Upper
91 100
126 32.9 16.8 50.4

Manual Integrations
APPROVED

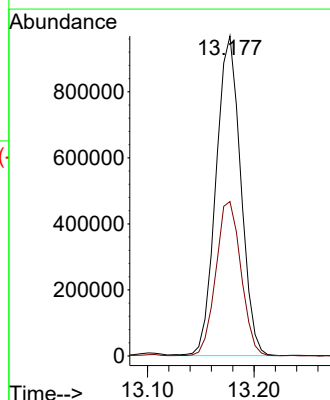
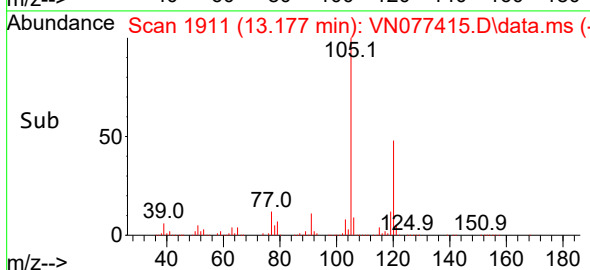
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

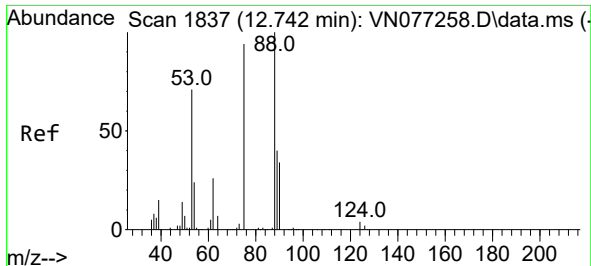


#80
1,3,5-Trimethylbenzene
Concen: 54.029 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



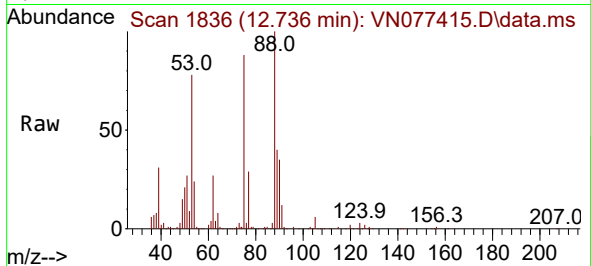
Tgt Ion:105 Resp: 1557664
Ion Ratio Lower Upper
105 100
120 48.9 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 41.742 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

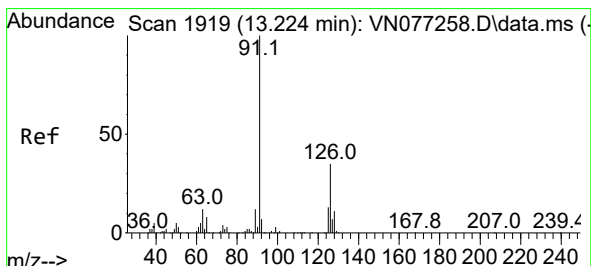
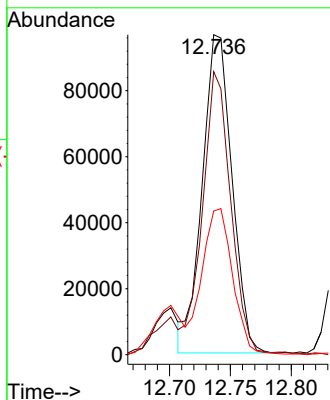
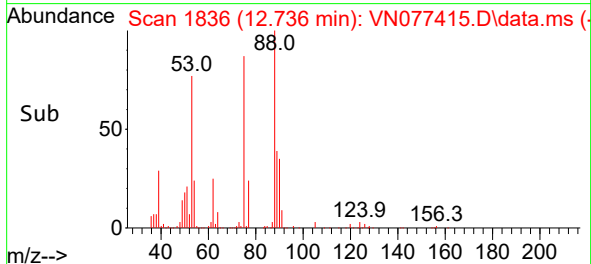
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 16415
Ion Ratio Lower Upper
75 100
53 85.1 72.8 109.2
89 47.7 37.4 56.2

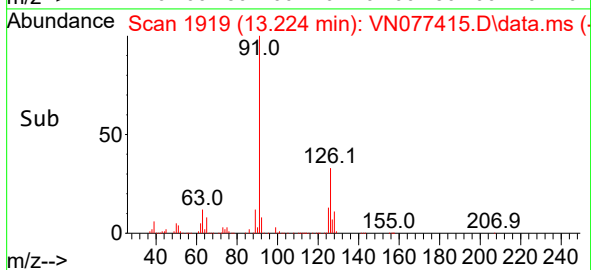
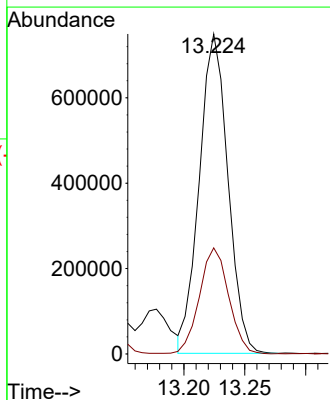
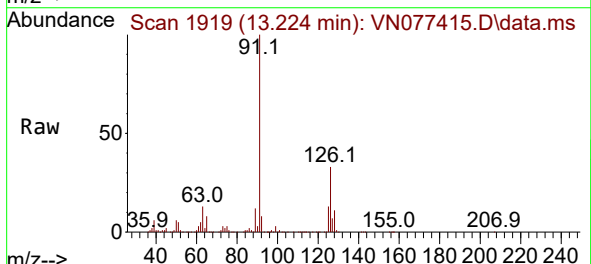
Manual Integrations
APPROVED

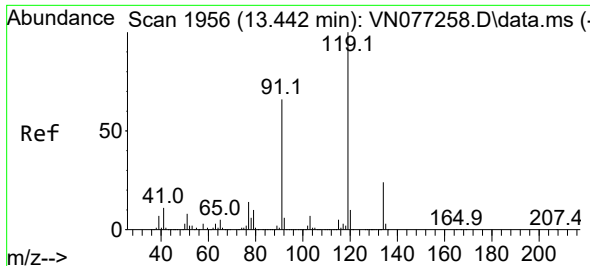
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 53.972 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

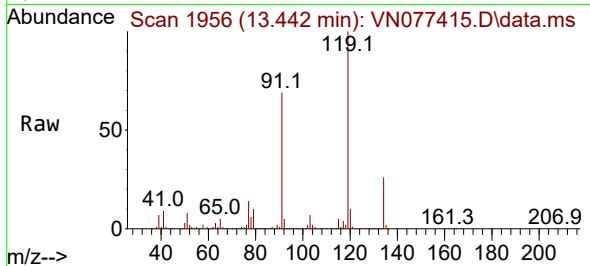
Tgt Ion: 91 Resp: 1222061
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 52.721 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

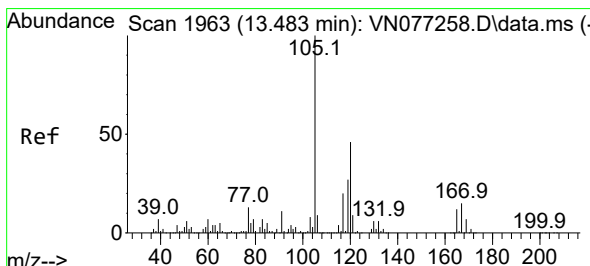
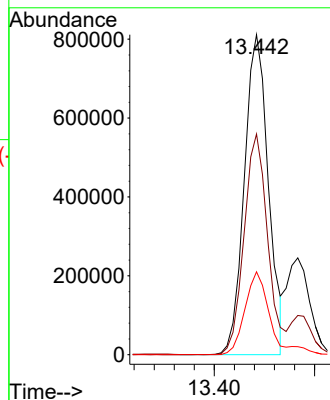
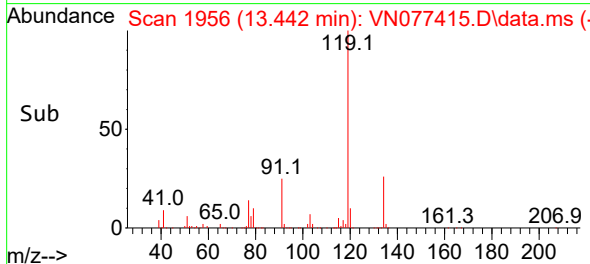
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



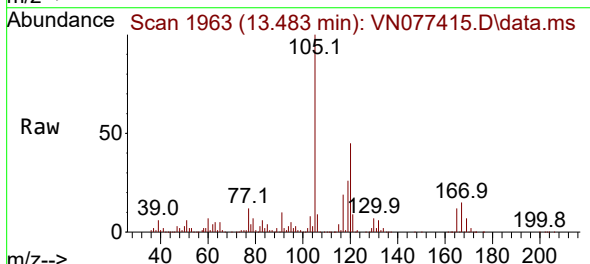
Tgt Ion:119 Resp: 1352938
Ion Ratio Lower Upper
119 100
91 68.2 33.5 100.4
134 27.2 13.3 39.9

Manual Integrations
APPROVED

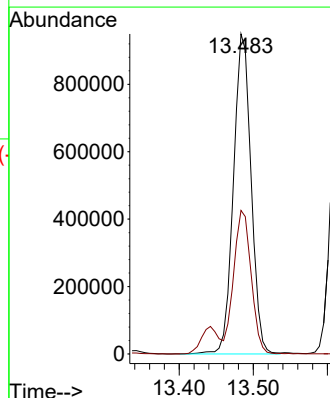
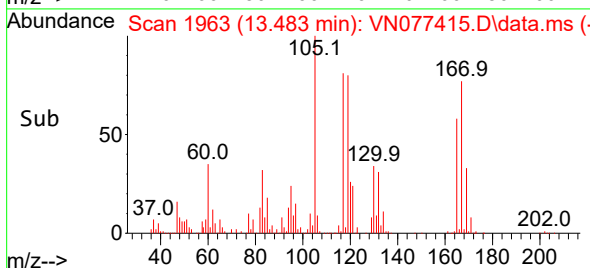
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023

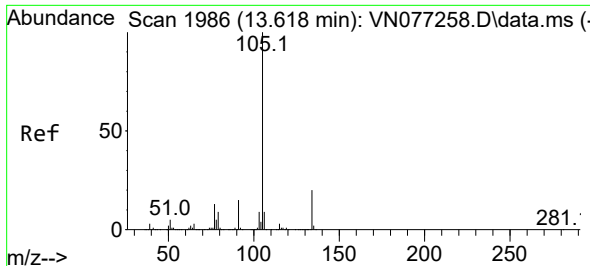


#84
1,2,4-Trimethylbenzene
Concen: 54.984 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13



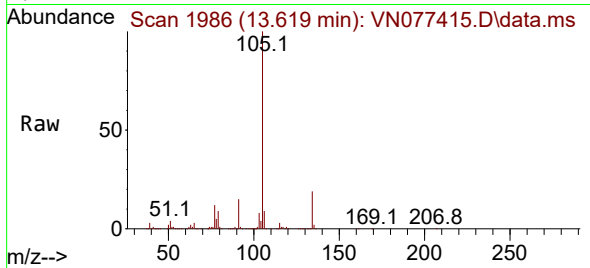
Tgt Ion:105 Resp: 1566077
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 54.534 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13

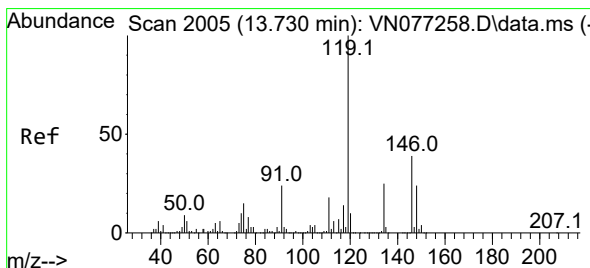
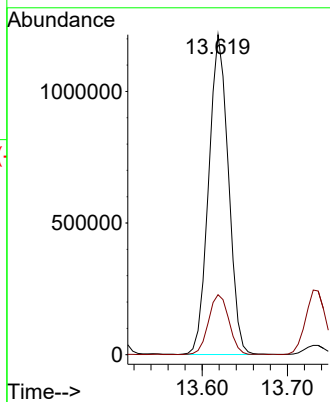
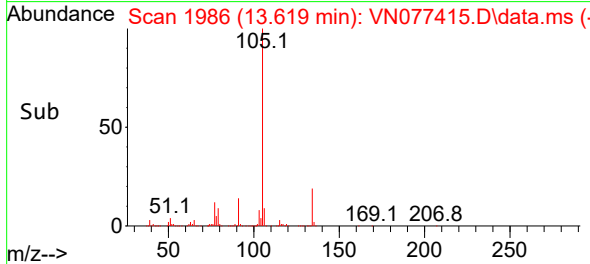
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



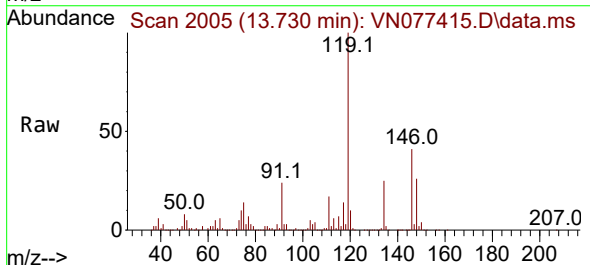
Tgt Ion:105 Resp: 1950349
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

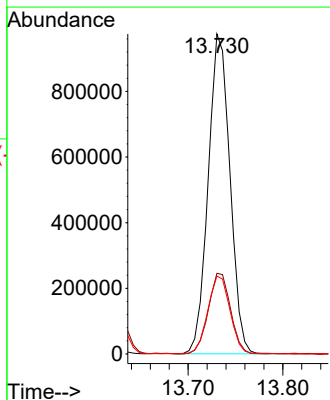
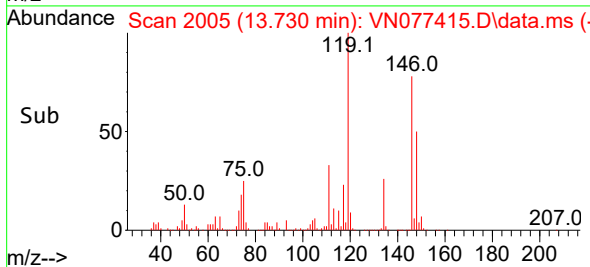
Reviewed By :John Carlone 04/21/2023
 Supervised By :Mahesh Dadoda 04/22/2023

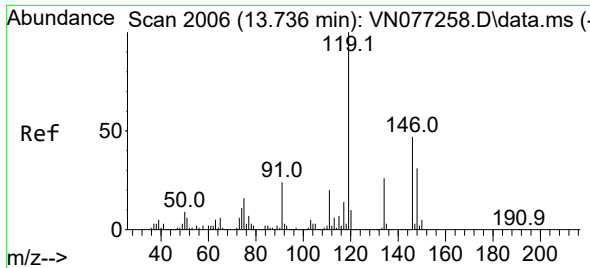


#86
 p-Isopropyltoluene
 Concen: 55.431 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13



Tgt Ion:119 Resp: 1558020
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.7 12.3 36.8





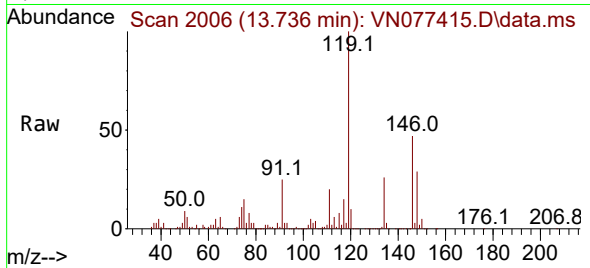
#87
 1,3-Dichlorobenzene
 Concen: 54.718 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



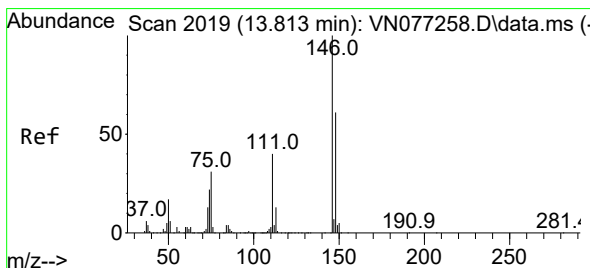
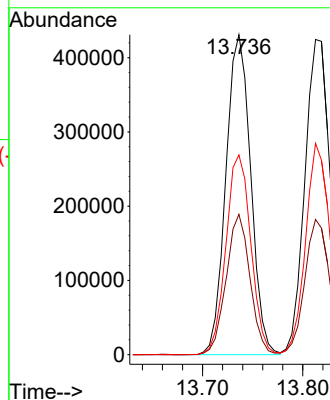
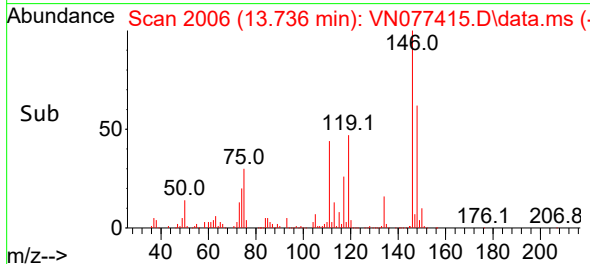
Tgt Ion:146 Resp: 74299
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.4
 148 62.8 31.7 95.1

Manual Integrations

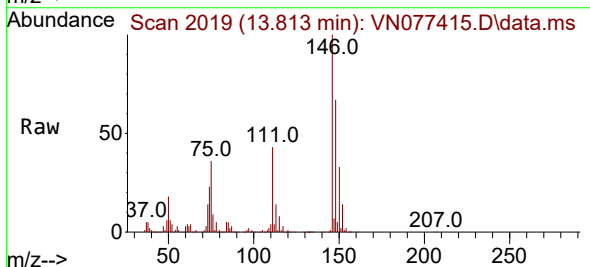
APPROVED

Reviewed By :John Carlone 04/21/2023

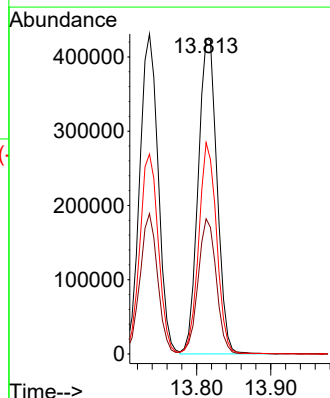
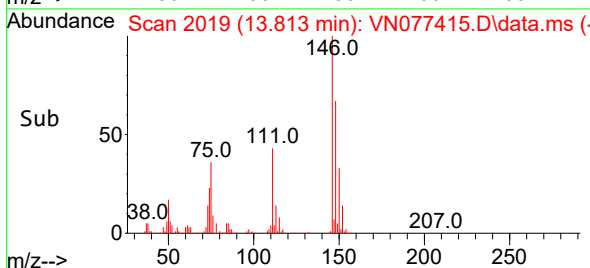
Supervised By :Mahesh Dadoda 04/22/2023

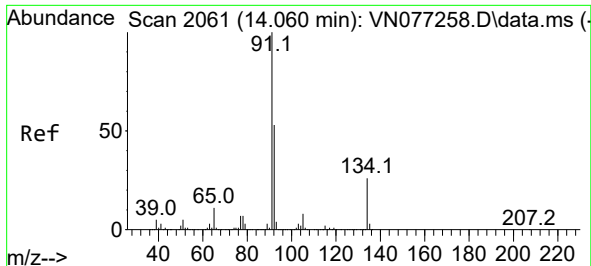


#88
 1,4-Dichlorobenzene
 Concen: 55.934 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077415.D
 Acq: 20 Apr 2023 21:13



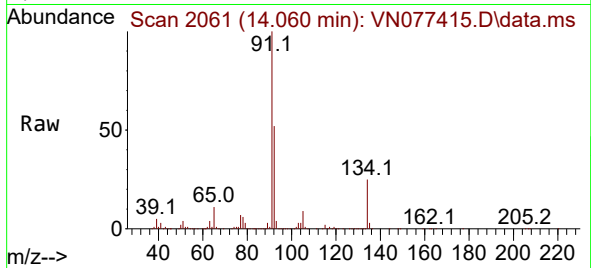
Tgt Ion:146 Resp: 748988
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.2
 148 63.4 31.6 95.0





#89
n-Butylbenzene
Concen: 56.868 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

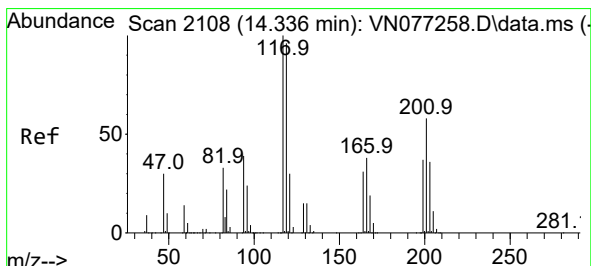
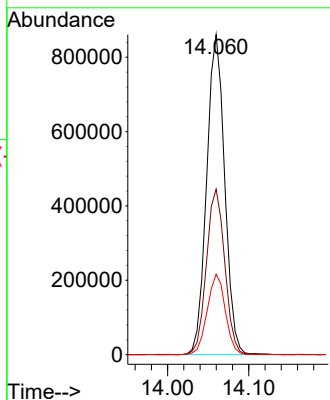
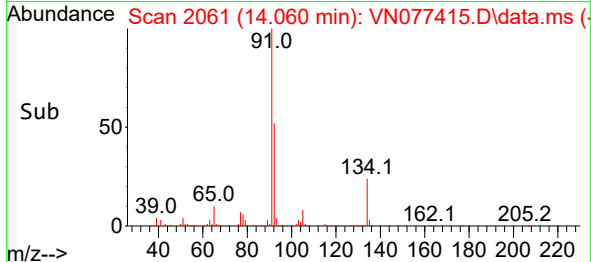
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 132694
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 25.3 12.8 38.3

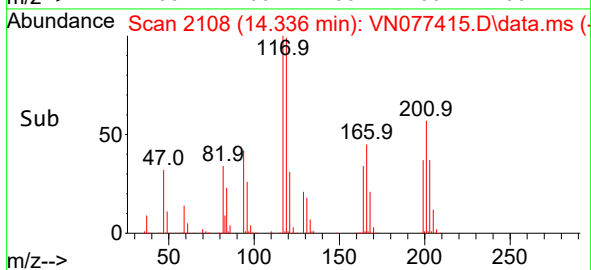
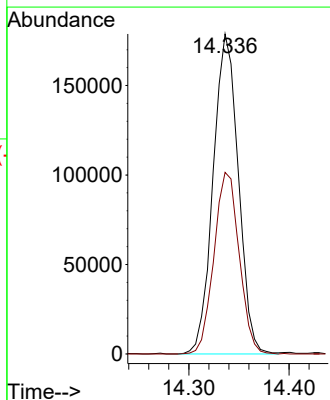
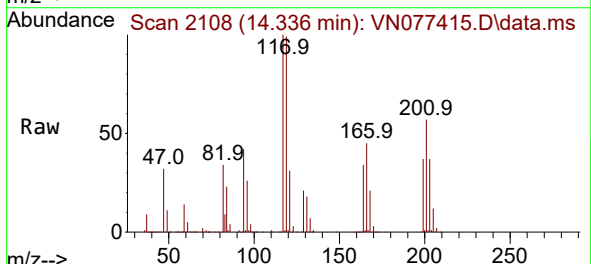
Manual Integrations
APPROVED

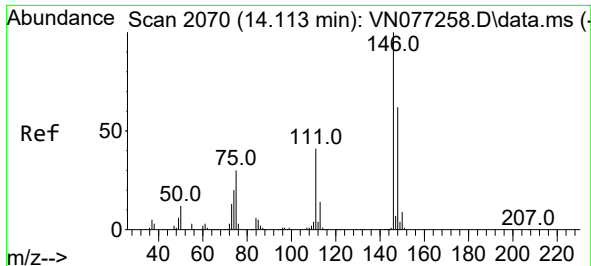
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 50.743 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

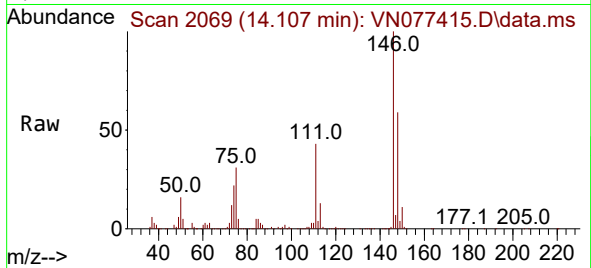
Tgt Ion:117 Resp: 311842
Ion Ratio Lower Upper
117 100
201 56.8 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 55.873 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

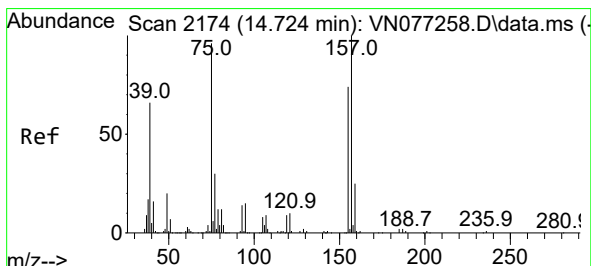
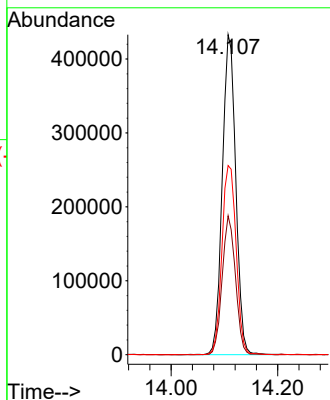
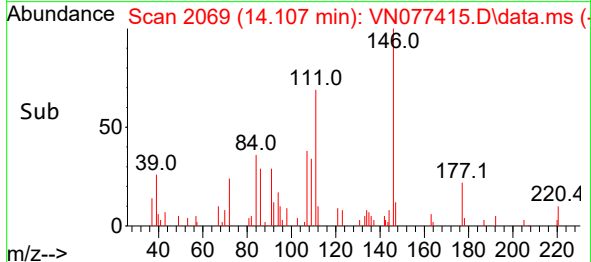
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 75896
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.5
148 62.4 31.9 95.5

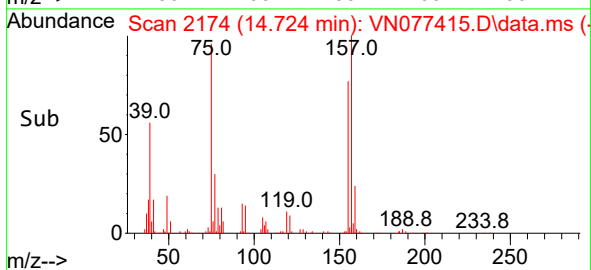
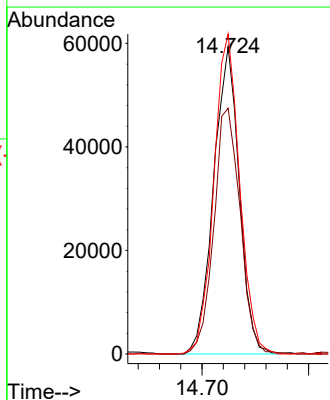
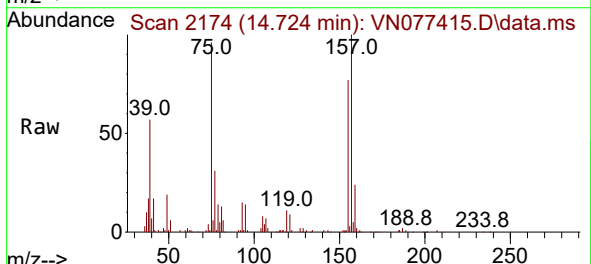
Manual Integrations
APPROVED

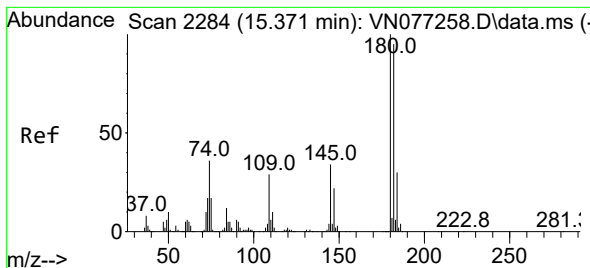
Reviewed By :John Carlone 04/21/2023
Supervised By :Mahesh Dadoda 04/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.169 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077415.D
Acq: 20 Apr 2023 21:13

Tgt Ion: 75 Resp: 99116
Ion Ratio Lower Upper
75 100
155 82.0 41.0 123.2
157 104.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 59.288 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077415.D

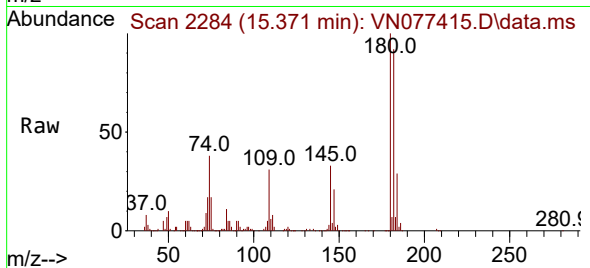
Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 290725

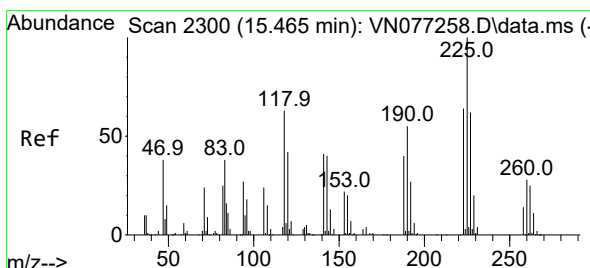
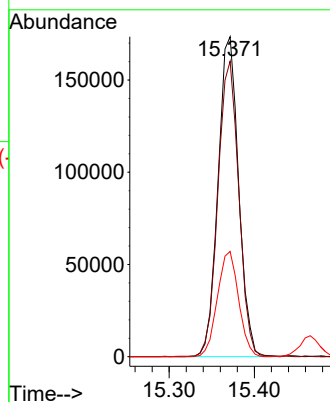
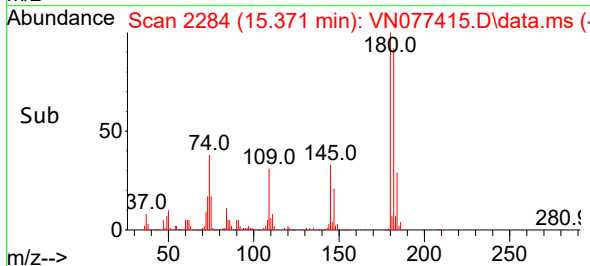
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.7	140.0
145	34.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 52.753 ug/l

RT: 15.466 min Scan# 2300

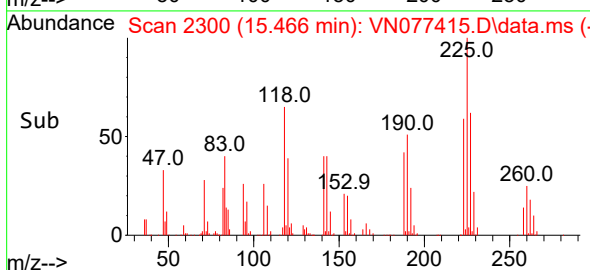
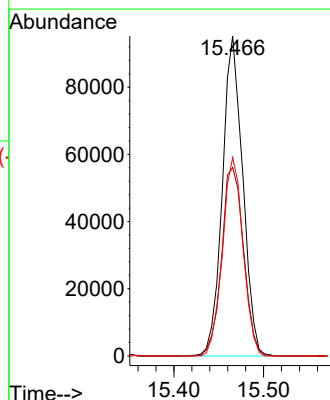
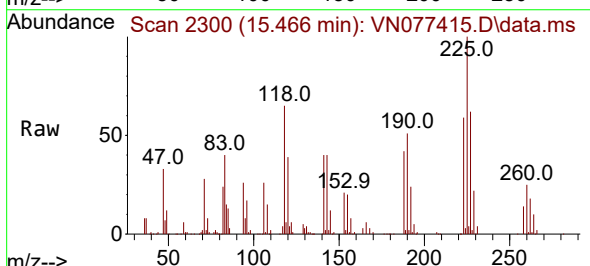
Delta R.T. 0.001 min

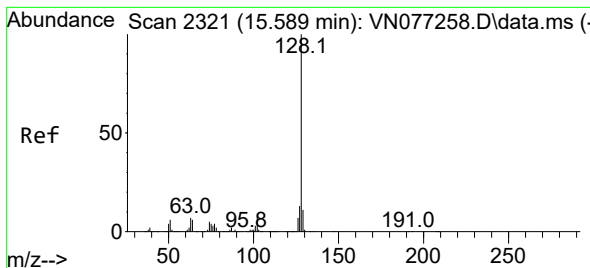
Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Tgt Ion:225 Resp: 149738

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.7	95.1
227	62.7	31.2	93.6





#95

Naphthalene

Concen: 64.207 ug/l

RT: 15.589 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 118274

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

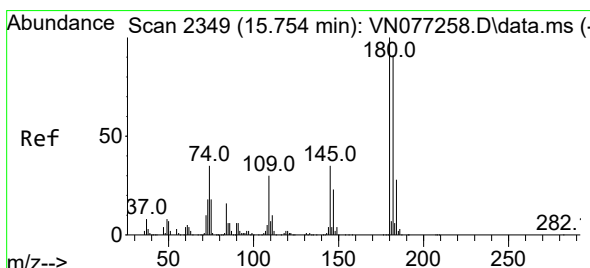
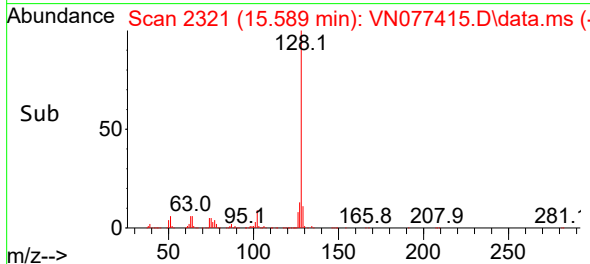
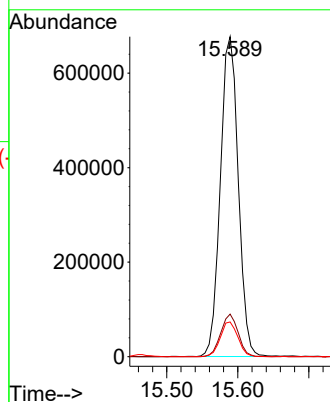
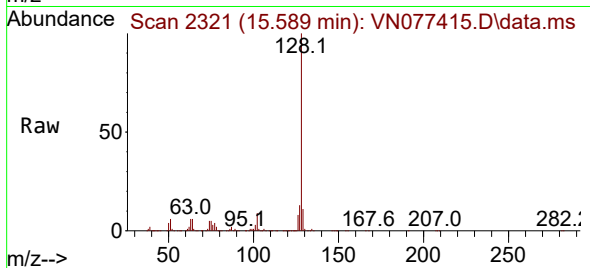
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 57.237 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077415.D

Acq: 20 Apr 2023 21:13

Tgt Ion:180 Resp: 268460

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.8

145 35.7 17.6 52.8

