

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077364.D
 Acq On : 17 Apr 2023 18:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 04:42:58 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	508230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	961970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	913580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	402741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	359177	51.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.172	113	320274	52.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.020%			
50) Toluene-d8	10.572	98	1279679	51.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.854	95	448801	54.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	280134	43.185	ug/l	100
3) Chloromethane	2.372	50	276360	34.379	ug/l	98
4) Vinyl Chloride	2.525	62	404039	37.071	ug/l	99
5) Bromomethane	2.943	94	301459	38.152	ug/l	93
6) Chloroethane	3.119	64	267454	34.385	ug/l	99
7) Trichlorofluoromethane	3.501	101	465918	49.301	ug/l	94
8) Diethyl Ether	3.972	74	180468	45.570	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	277101	47.911	ug/l	99
10) Methyl Iodide	4.601	142	346466	49.257	ug/l	92
11) Tert butyl alcohol	5.531	59	270573	190.898	ug/l	99
12) 1,1-Dichloroethene	4.343	96	271073	45.531	ug/l	94
13) Acrolein	4.190	56	245111	182.593	ug/l	98
14) Allyl chloride	5.031	41	333555	37.095	ug/l	91
15) Acrylonitrile	5.725	53	660663	210.841	ug/l	99
16) Acetone	4.437	43	509204	198.824	ug/l	94
17) Carbon Disulfide	4.725	76	660738	41.156	ug/l	99
18) Methyl Acetate	5.037	43	413129	42.355	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	978138	46.302	ug/l	98
20) Methylene Chloride	5.290	84	308907	42.708	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	301249	46.214	ug/l	97
22) Diisopropyl ether	6.684	45	794999	44.100	ug/l	98
23) Vinyl Acetate	6.607	43	3010248m	246.963	ug/l	
24) 1,1-Dichloroethane	6.578	63	530281	45.553	ug/l	98
25) 2-Butanone	7.489	43	848527	204.142	ug/l	98
26) 2,2-Dichloropropane	7.495	77	520712	48.781	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	375852	47.216	ug/l	98
28) Bromochloromethane	7.819	49	215294	45.977	ug/l	92
29) Tetrahydrofuran	7.842	42	538659	201.599	ug/l	94
30) Chloroform	7.972	83	594937	47.925	ug/l	98
31) Cyclohexane	8.260	56	445370	41.263	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	545121	48.284	ug/l	97
36) 1,1-Dichloropropene	8.378	75	429624	47.170	ug/l	98
37) Ethyl Acetate	7.566	43	345524	42.400	ug/l	99
38) Carbon Tetrachloride	8.366	117	478508	51.279	ug/l	97
39) Methylcyclohexane	9.607	83	574530	46.780	ug/l	96
40) Benzene	8.607	78	1310641	46.134	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	173653	39.644	ug/l	92
42) 1,2-Dichloroethane	8.672	62	434016	49.638	ug/l	99
43) Isopropyl Acetate	8.689	43	621532	41.334	ug/l	97
44) Trichloroethene	9.354	130	339732	49.979	ug/l	97
45) 1,2-Dichloropropane	9.625	63	321255	47.614	ug/l	100
46) Dibromomethane	9.713	93	253484	49.864	ug/l	99
47) Bromodichloromethane	9.889	83	504334	49.636	ug/l	96
48) Methyl methacrylate	9.683	41	279243	43.532	ug/l	96
49) 1,4-Dioxane	9.695	88	140765	905.128	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	1867581	214.869	ug/l	99
52) Toluene	10.630	92	906702	48.760	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	549210	49.777	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	571693	48.645	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	360621	49.404	ug/l	97
56) Ethyl methacrylate	10.877	69	534800	47.039	ug/l	98
57) 1,3-Dichloropropane	11.166	76	589460	48.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	848690	250.763	ug/l	96
59) 2-Hexanone	11.195	43	1361534	210.265	ug/l	99
60) Dibromochloromethane	11.360	129	394003	52.409	ug/l	98
61) 1,2-Dibromoethane	11.471	107	371981	51.056	ug/l	100
64) Tetrachloroethene	11.107	164	266219	47.171	ug/l	96
65) Chlorobenzene	11.895	112	978076	48.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	357744	47.007	ug/l	98
67) Ethyl Benzene	11.966	91	1758129	47.369	ug/l	99
68) m/p-Xylenes	12.071	106	1378494	94.524	ug/l	100
69) o-Xylene	12.401	106	697100	48.453	ug/l	97
70) Styrene	12.413	104	1127079	48.681	ug/l	100
71) Bromoform	12.577	173	260160	48.563	ug/l #	100
73) Isopropylbenzene	12.701	105	1806025	46.169	ug/l	100
74) N-amyl acetate	12.495	43	563838	38.034	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	536498	43.703	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	451085m	47.035	ug/l	
77) Bromobenzene	12.983	156	377746	47.492	ug/l	92
78) n-propylbenzene	13.036	91	2033273	47.042	ug/l	100
79) 2-Chlorotoluene	13.130	91	1192457	45.819	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1504361	48.149	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	173866	40.797	ug/l	97
82) 4-Chlorotoluene	13.224	91	1143741	46.611	ug/l	98
83) tert-Butylbenzene	13.442	119	1286199	46.249	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1474834	47.781	ug/l	100
85) sec-Butylbenzene	13.618	105	1858299	47.947	ug/l	100
86) p-Isopropyltoluene	13.730	119	1515827	49.764	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	713304	48.474	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	698857	48.159	ug/l	99
89) n-Butylbenzene	14.060	91	1252509	49.532	ug/l	99
90) Hexachloroethane	14.336	117	309629	46.491	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	692960	47.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	100184	43.062	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	264800	49.830	ug/l	98
94) Hexachlorobutadiene	15.465	225	140518	45.681	ug/l	98
95) Naphthalene	15.589	128	1006285	50.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	241548	47.521	ug/l	98

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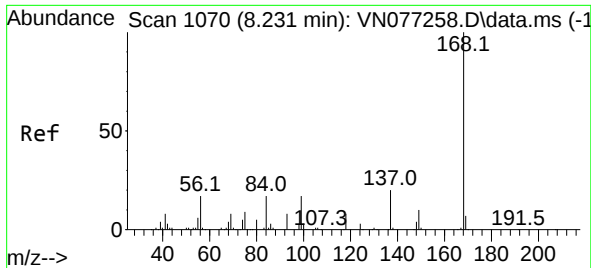
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/18/2023

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Quant Title : SW846 8260
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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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

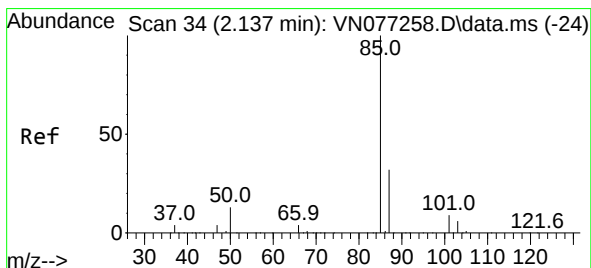
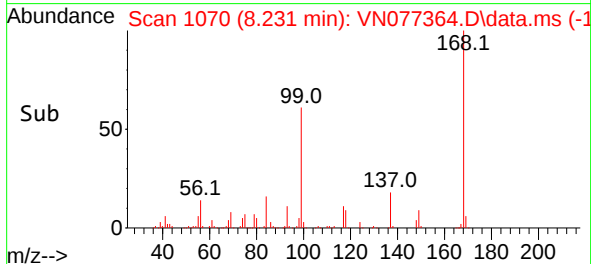
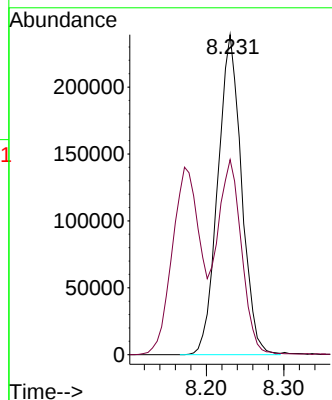
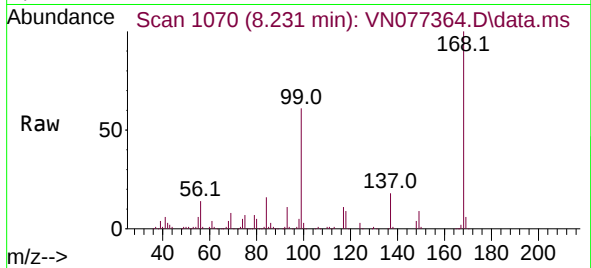
VSTDCCC050EC

Tgt Ion:168 Resp: 508230
Ion Ratio Lower Upper
168 100
99 60.5 50.6 75.8

Manual Integrations

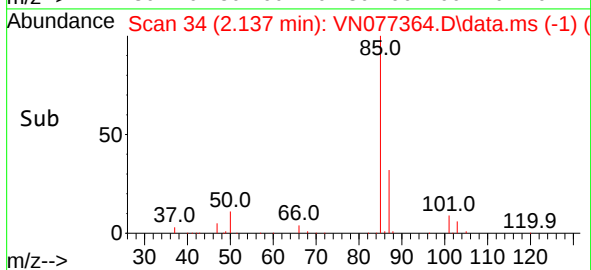
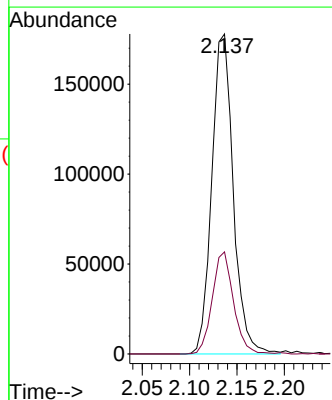
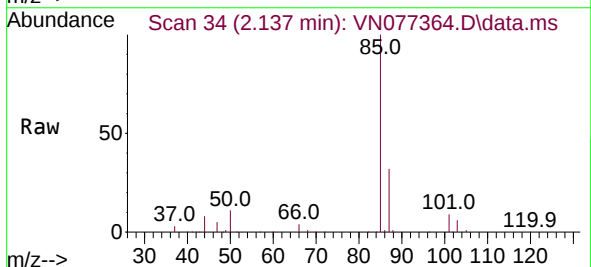
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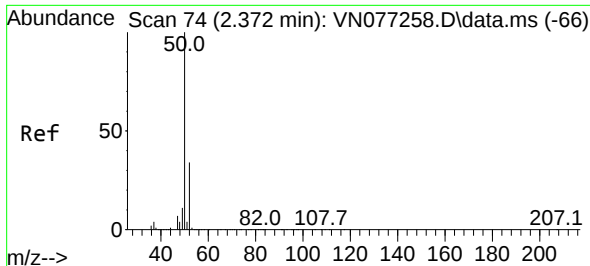
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#2
Dichlorodifluoromethane
Concen: 43.185 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

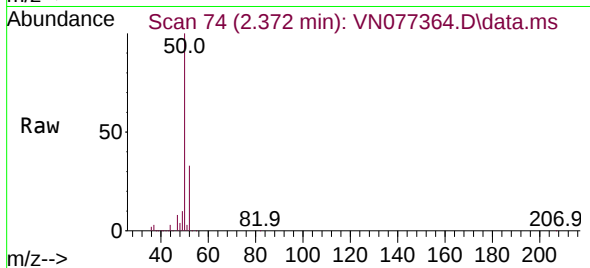
Tgt Ion: 85 Resp: 280134
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2





#3
Chloromethane
Concen: 34.379 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

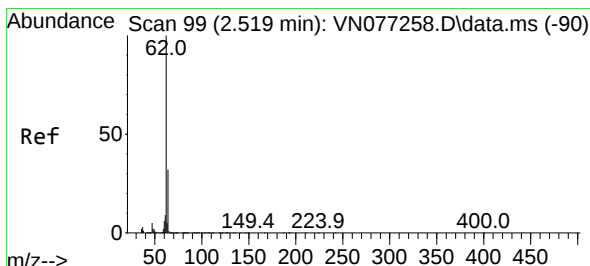
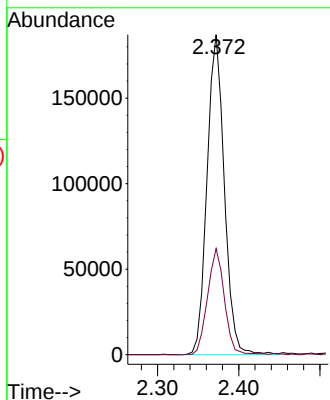
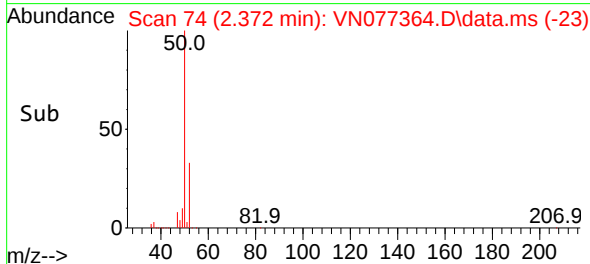
Instrument :
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Tgt Ion: 50 Resp: 276360
Ion Ratio Lower Upper
50 100
52 33.2 27.3 40.9

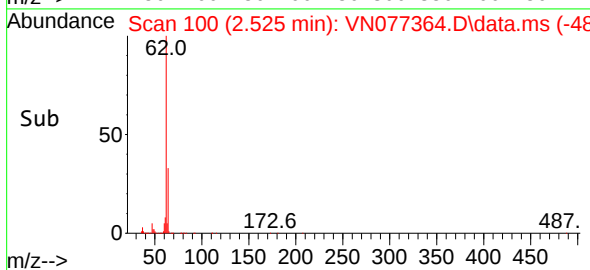
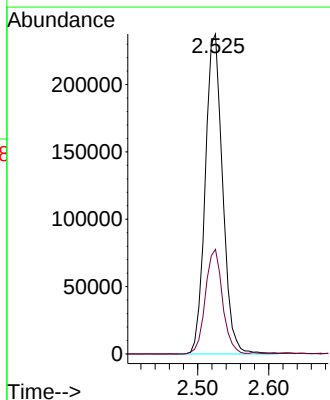
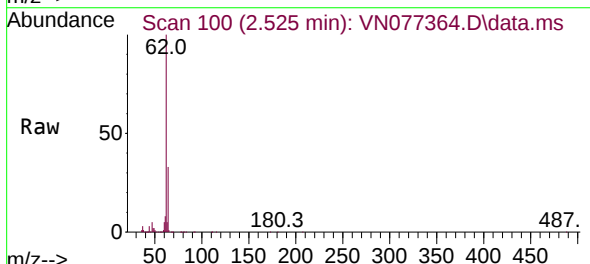
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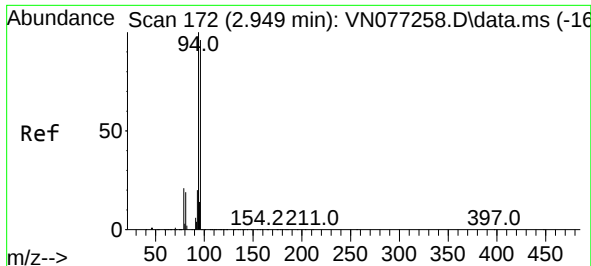
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#4
Vinyl Chloride
Concen: 37.071 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 62 Resp: 404039
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





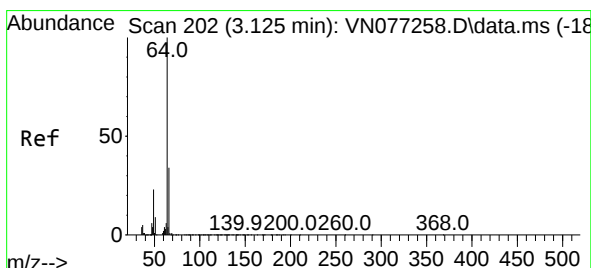
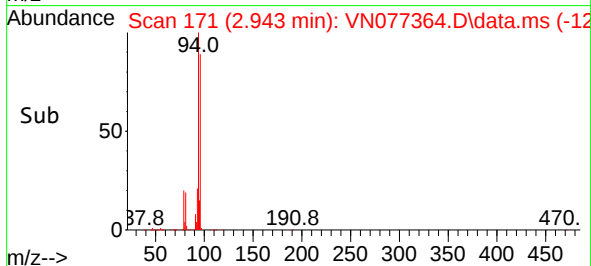
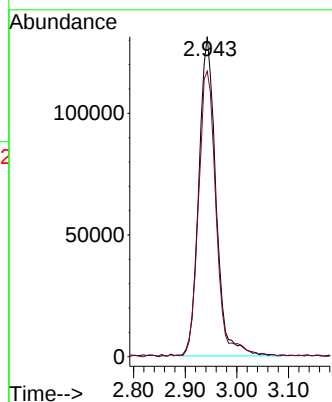
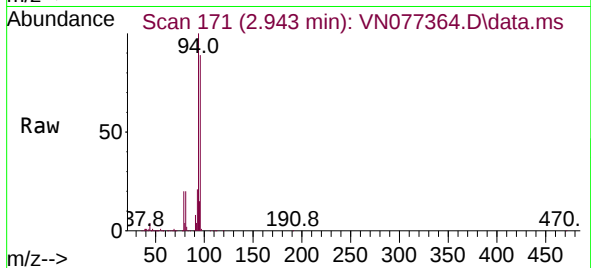
#5
Bromomethane
Concen: 38.152 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
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Tgt Ion: 94 Resp: 301459
Ion Ratio Lower Upper
94 100
96 88.9 77.0 115.4

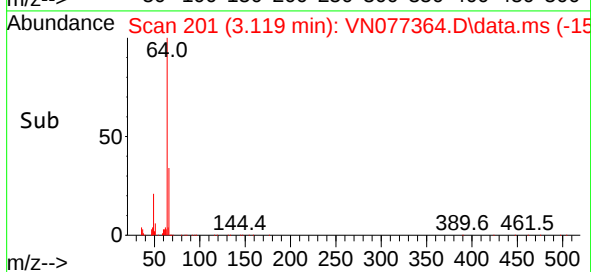
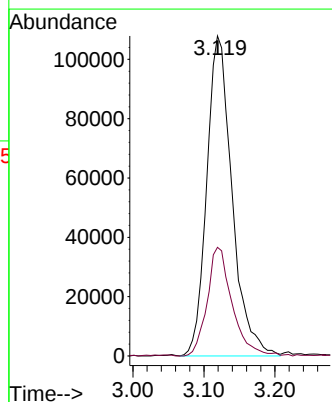
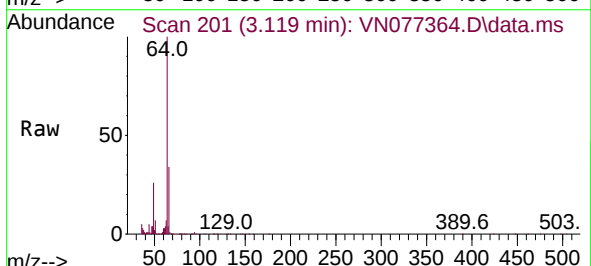
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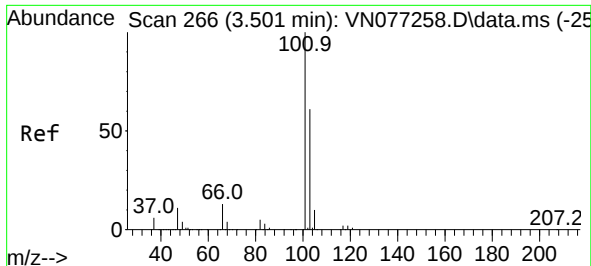
Reviewed By :John Carlone 04/18/2023
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#6
Chloroethane
Concen: 34.385 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 64 Resp: 267454
Ion Ratio Lower Upper
64 100
66 34.0 26.9 40.3





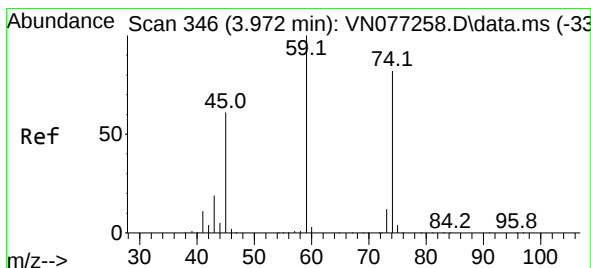
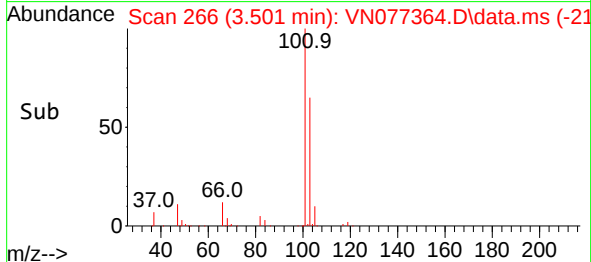
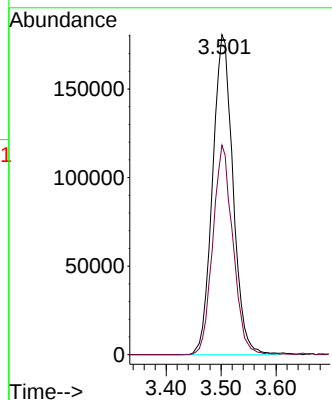
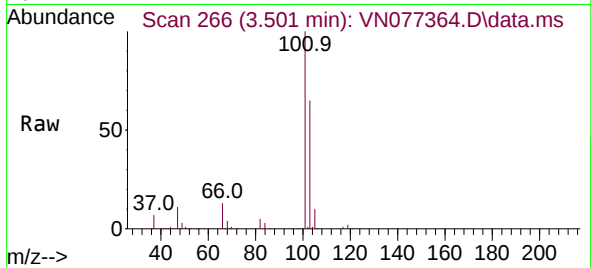
#7
Trichlorofluoromethane
Concen: 49.301 ug/l
RT: 3.501 min Scan# 207
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 465918
Ion Ratio Lower Upper
101 100
103 65.4 49.0 73.4

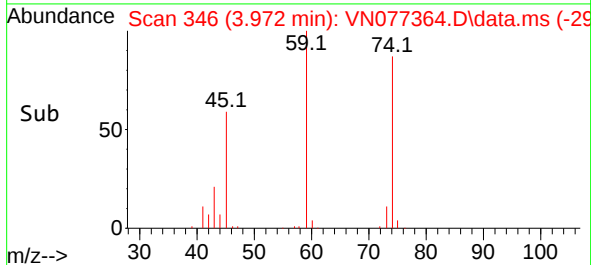
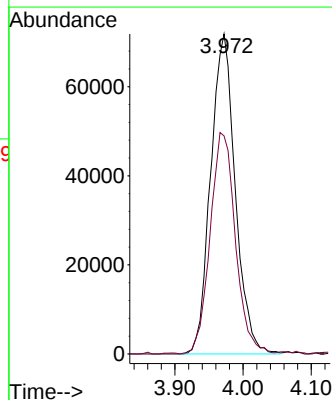
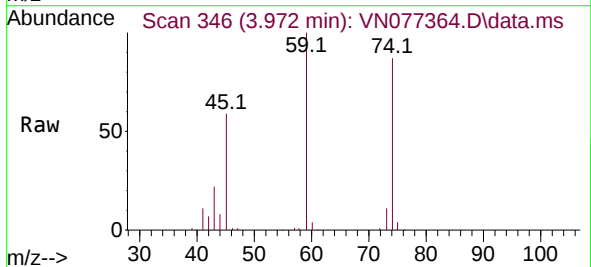
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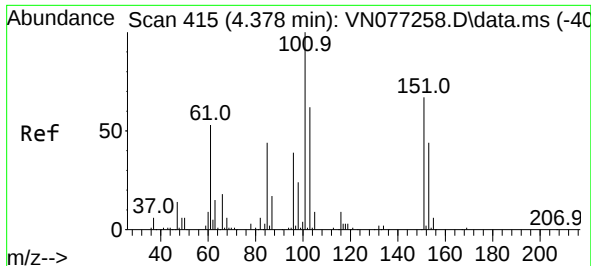
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#8
Diethyl Ether
Concen: 45.570 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 74 Resp: 180468
Ion Ratio Lower Upper
74 100
45 71.0 37.8 113.4





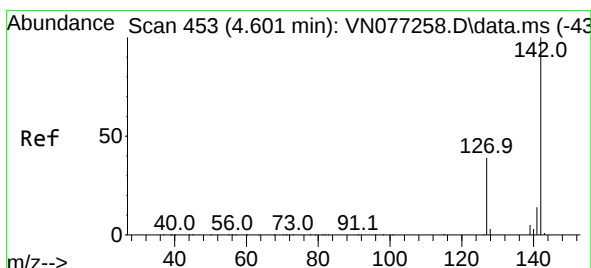
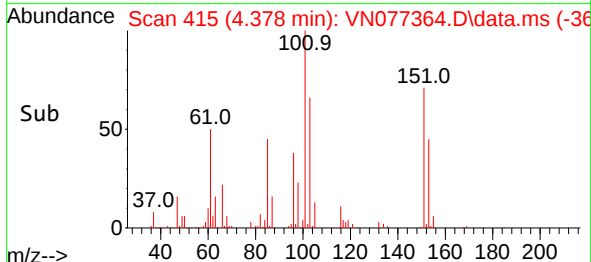
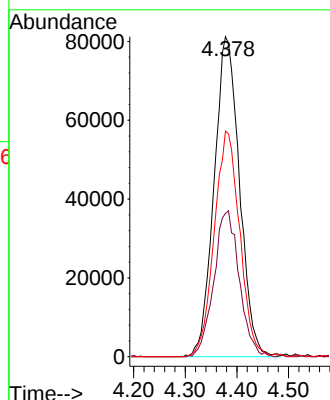
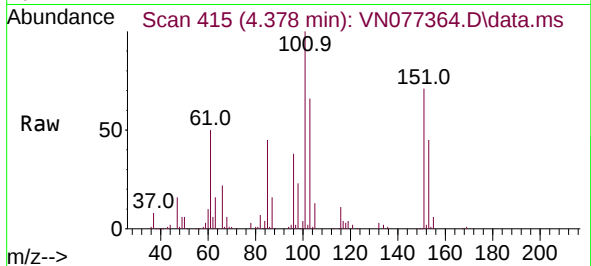
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.911 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 27710
Ion Ratio Lower Upper
101 100
85 45.5 37.3 55.9
151 70.5 56.3 84.5

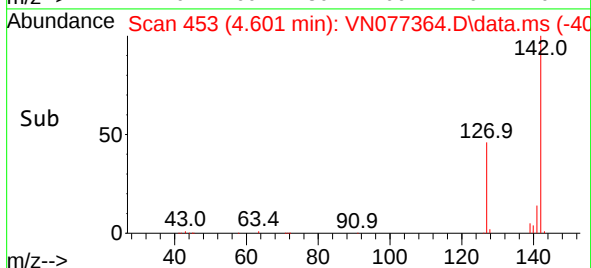
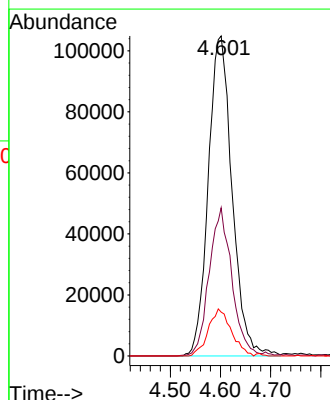
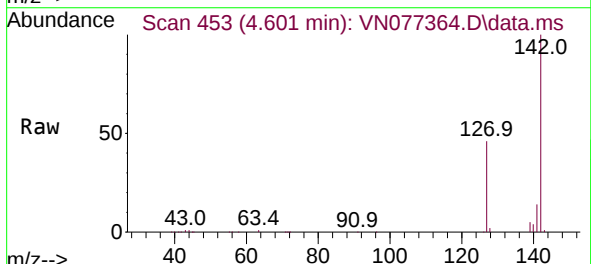
Manual Integrations
APPROVED

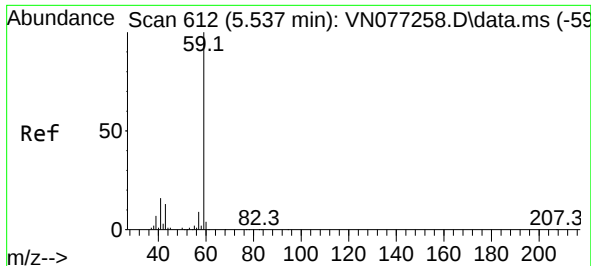
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 49.257 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

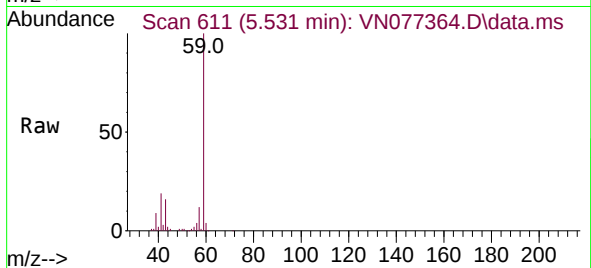
Tgt Ion:142 Resp: 346466
Ion Ratio Lower Upper
142 100
127 46.2 31.5 47.3
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 190.898 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

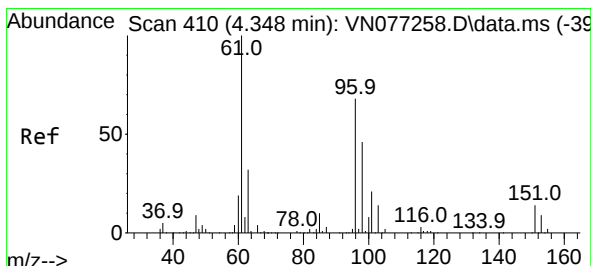
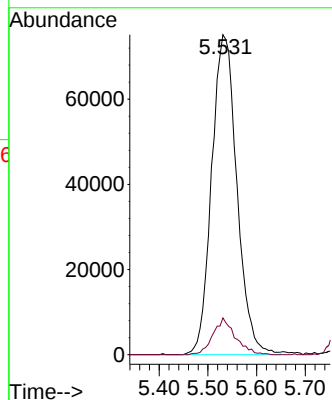
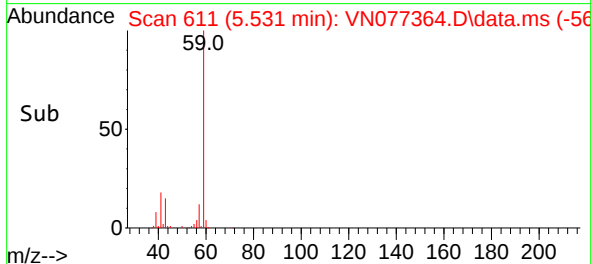
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



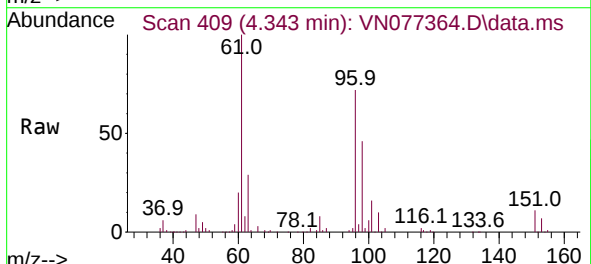
Tgt Ion: 59 Resp: 270573
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

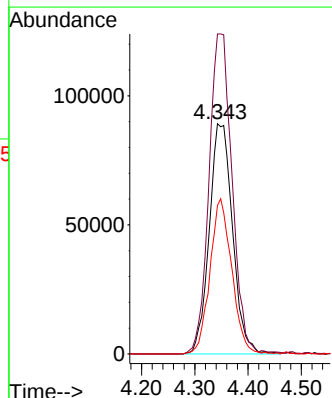
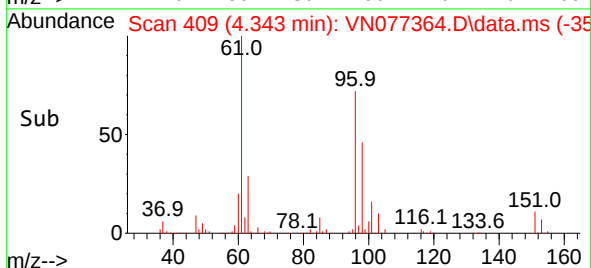
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

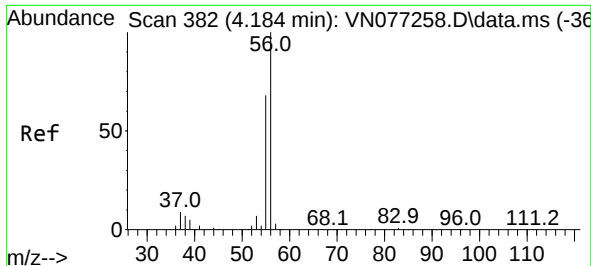


#12
1,1-Dichloroethene
Concen: 45.531 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.005 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



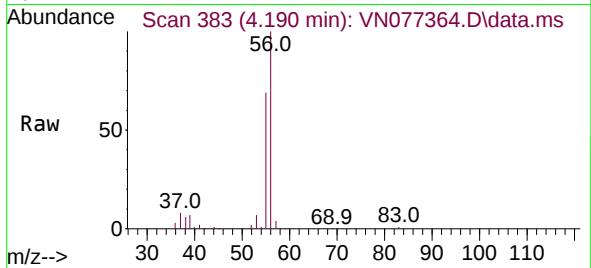
Tgt Ion: 96 Resp: 271073
Ion Ratio Lower Upper
96 100
61 139.0 118.3 177.5
98 64.5 54.5 81.7





#13
Acrolein
Concen: 182.593 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

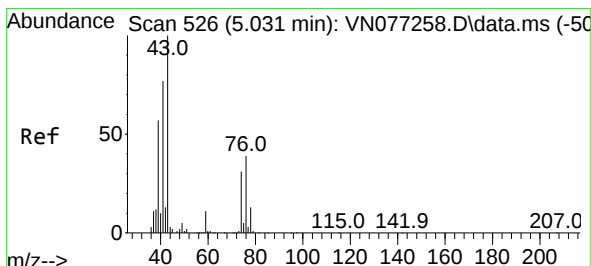
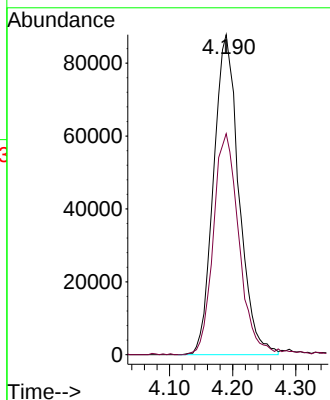
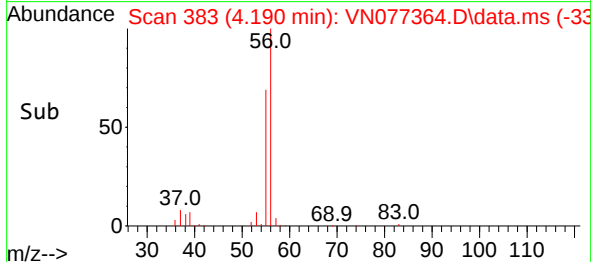
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



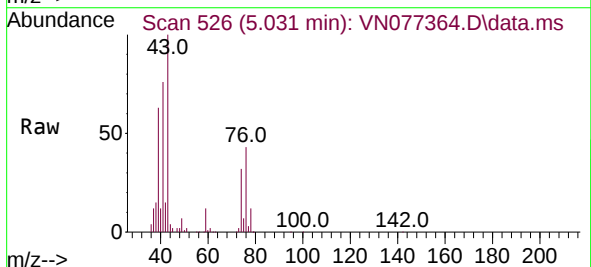
Tgt Ion: 56 Resp: 24511
Ion Ratio Lower Upper
56 100
55 69.4 54.2 81.2

Manual Integrations
APPROVED

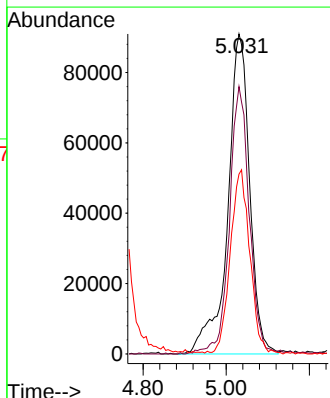
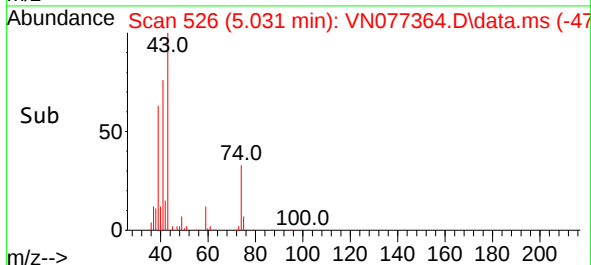
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

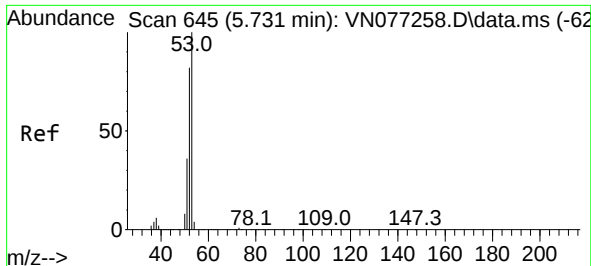


#14
Allyl chloride
Concen: 37.095 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



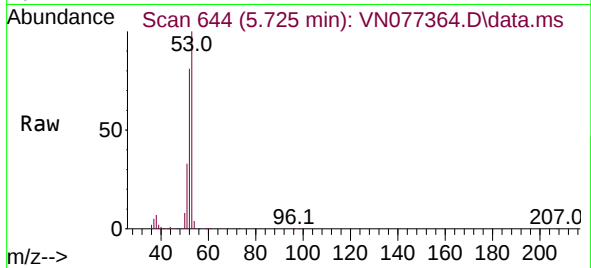
Tgt Ion: 41 Resp: 333555
Ion Ratio Lower Upper
41 100
39 75.3 55.0 82.4
76 51.4 35.4 53.2





#15
Acrylonitrile
Concen: 210.841 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

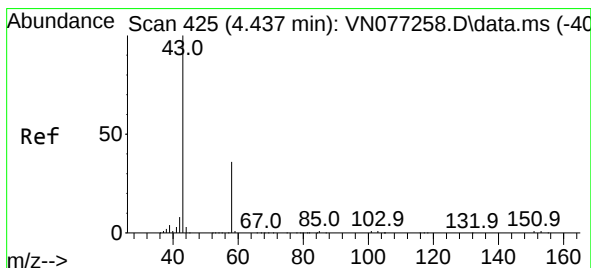
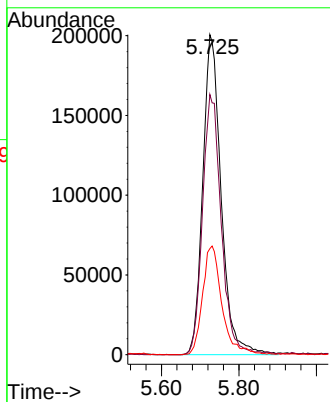
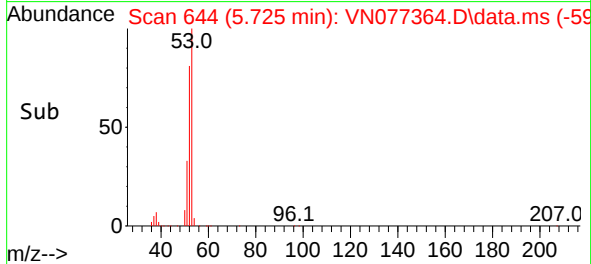
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 660663
Ion Ratio Lower Upper
53 100
52 82.8 65.2 97.8
51 35.7 28.1 42.1

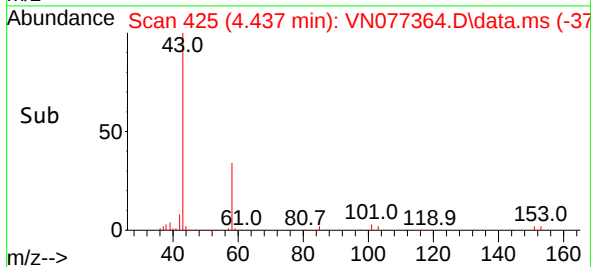
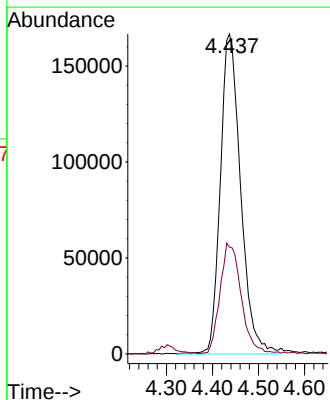
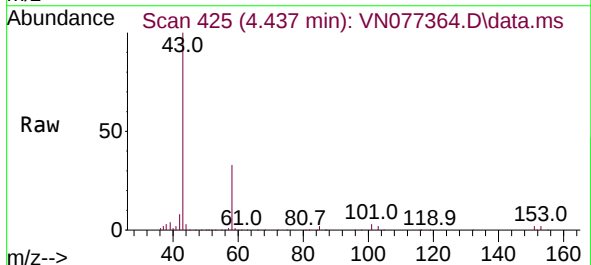
Manual Integrations
APPROVED

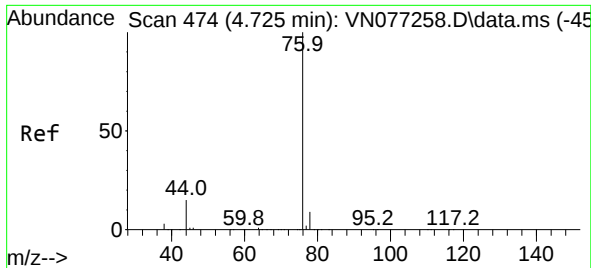
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#16
Acetone
Concen: 198.824 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 43 Resp: 509204
Ion Ratio Lower Upper
43 100
58 32.7 29.0 43.6





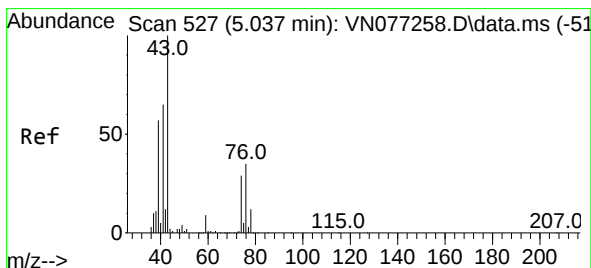
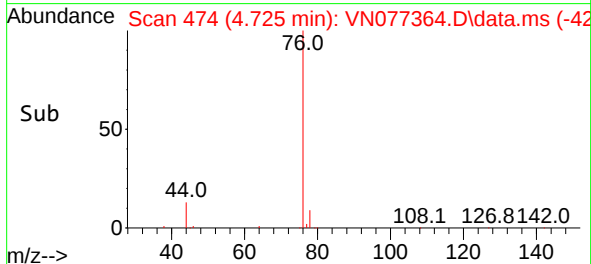
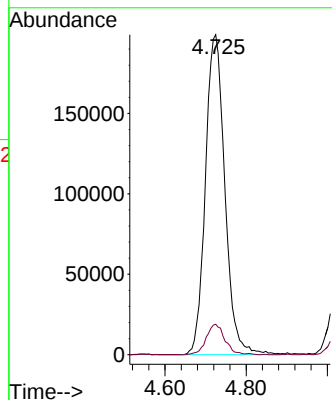
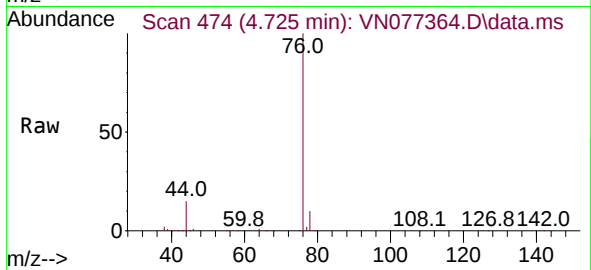
#17
Carbon Disulfide
Concen: 41.156 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 660738
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

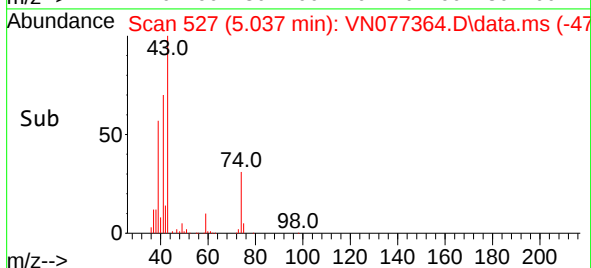
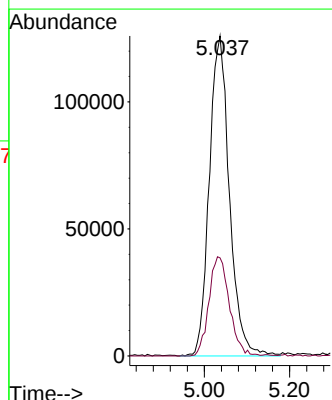
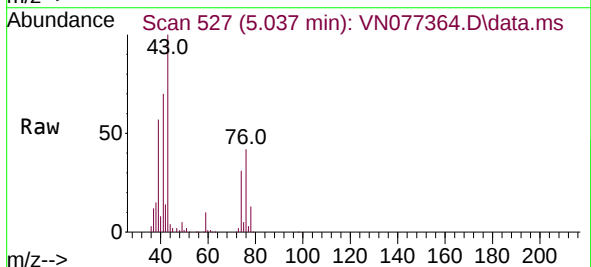
Manual Integrations
APPROVED

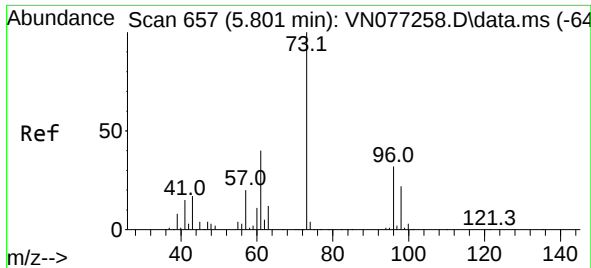
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#18
Methyl Acetate
Concen: 42.355 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 43 Resp: 413129
Ion Ratio Lower Upper
43 100
74 31.5 23.4 35.2





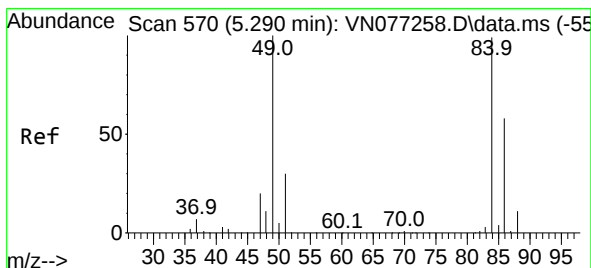
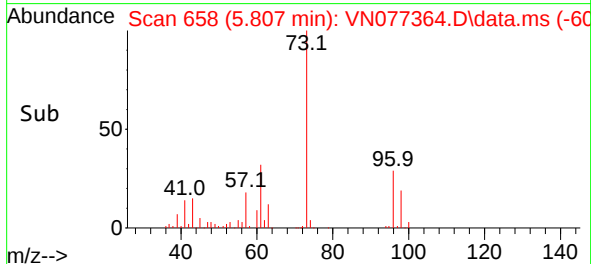
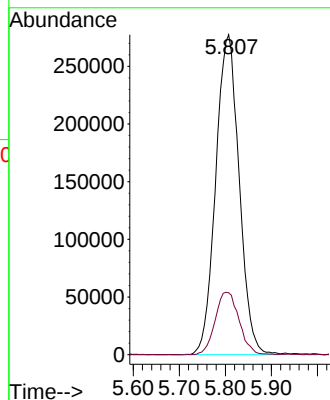
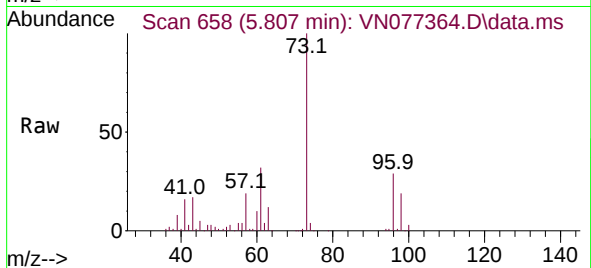
#19
Methyl tert-butyl Ether
Concen: 46.302 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 978138
Ion Ratio Lower Upper
73 100
57 19.3 16.2 24.4

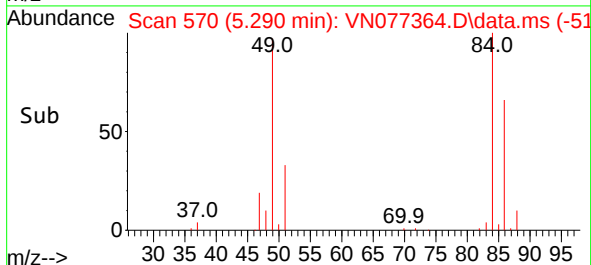
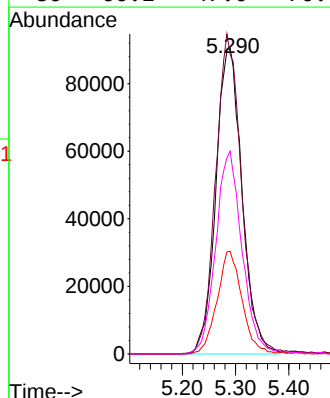
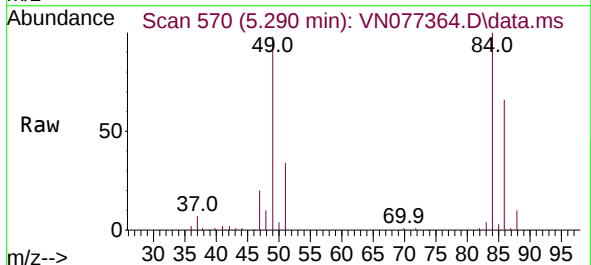
Manual Integrations
APPROVED

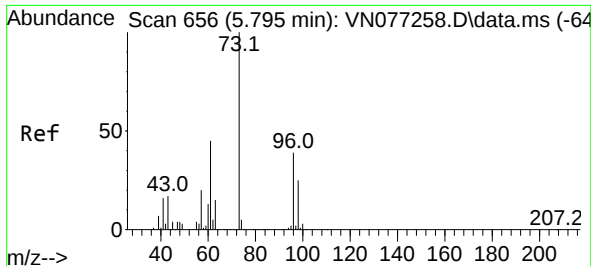
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#20
Methylene Chloride
Concen: 42.708 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

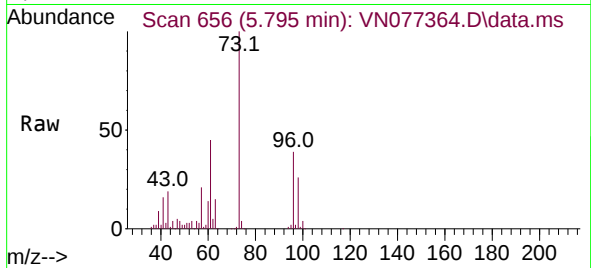
Tgt Ion: 84 Resp: 308907
Ion Ratio Lower Upper
84 100
49 97.8 80.6 121.0
51 33.6 24.4 36.6
86 66.2 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 46.214 ug/l
RT: 5.795 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

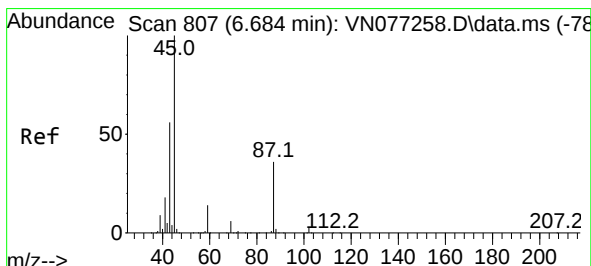
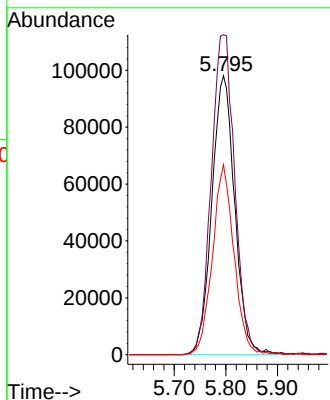
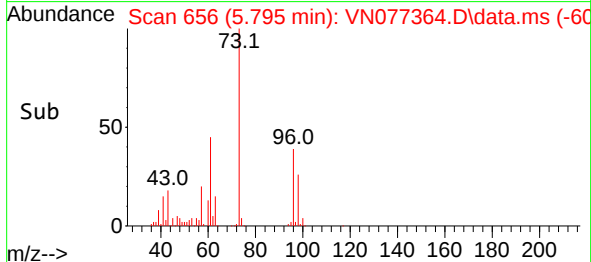
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 301249
Ion Ratio Lower Upper
96 100
61 114.7 93.8 140.6
98 68.1 50.9 76.3

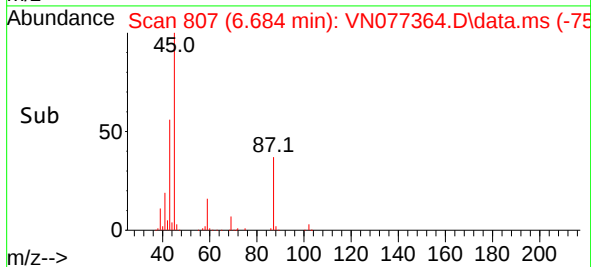
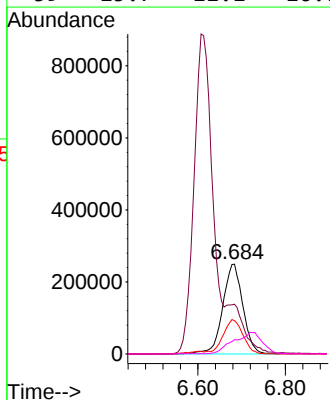
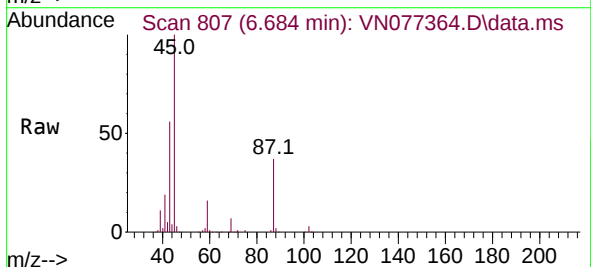
Manual Integrations
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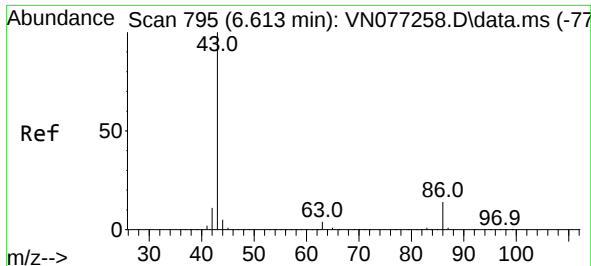
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#22
Diisopropyl ether
Concen: 44.100 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

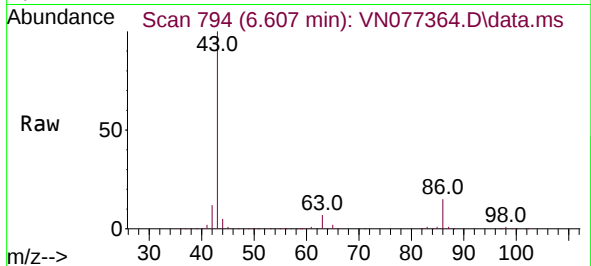
Tgt Ion: 45 Resp: 794999
Ion Ratio Lower Upper
45 100
43 54.4 44.6 66.8
87 37.1 28.4 42.6
59 15.7 11.1 16.7





#23
 Vinyl Acetate
 Concen: 246.963 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

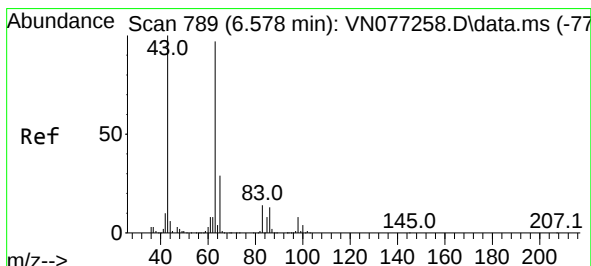
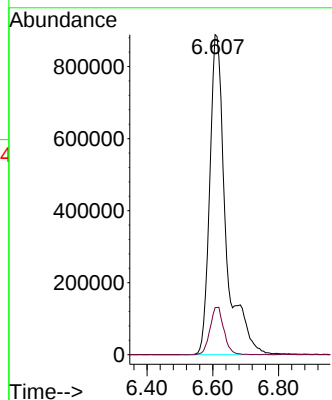
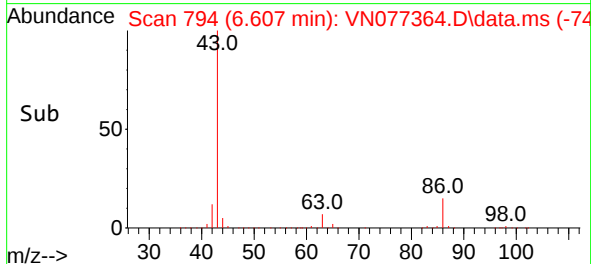
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 301024
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.2 16.8

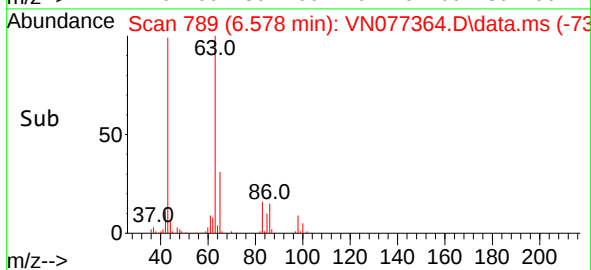
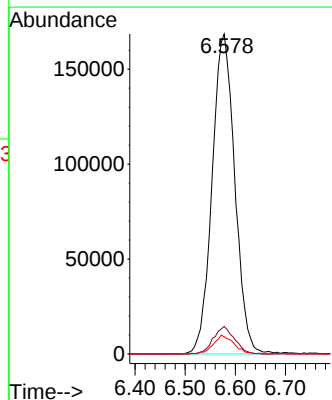
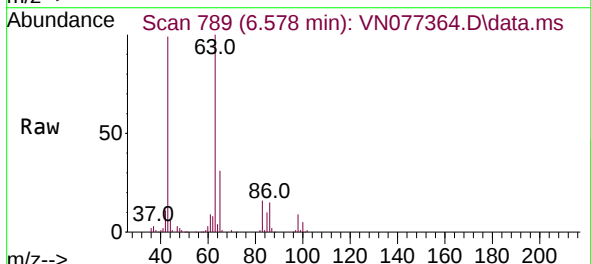
Manual Integrations
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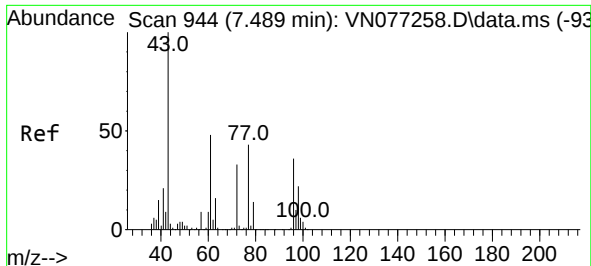
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#24
 1,1-Dichloroethane
 Concen: 45.553 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

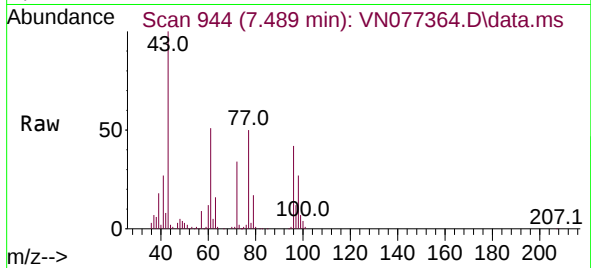
Tgt Ion: 63 Resp: 530281
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.0
 100 5.4 2.3 6.9





#25
2-Butanone
Concen: 204.142 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

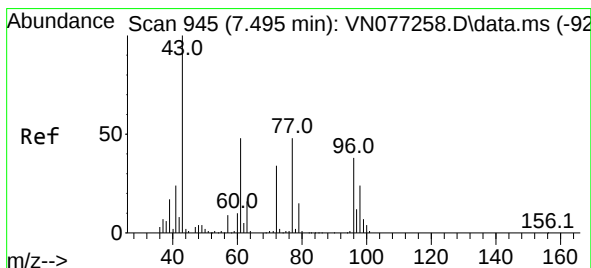
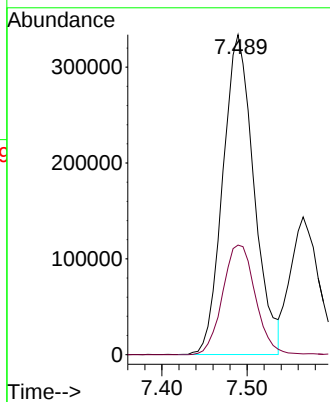
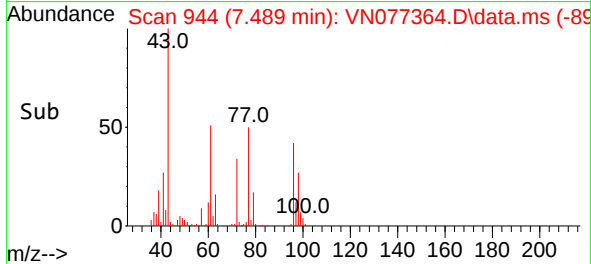
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 84852
Ion Ratio Lower Upper
43 100
72 34.3 26.6 39.8

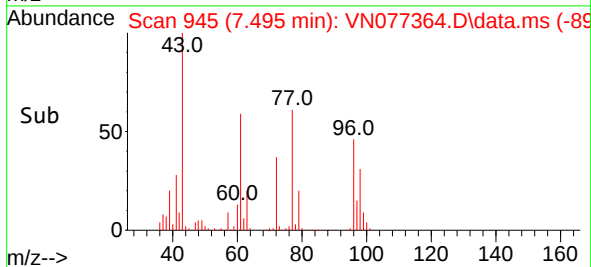
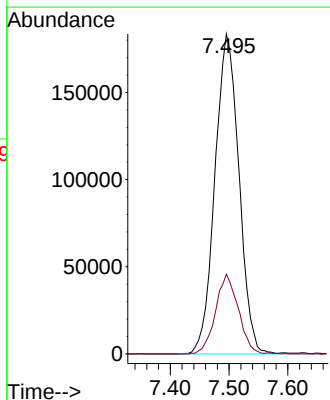
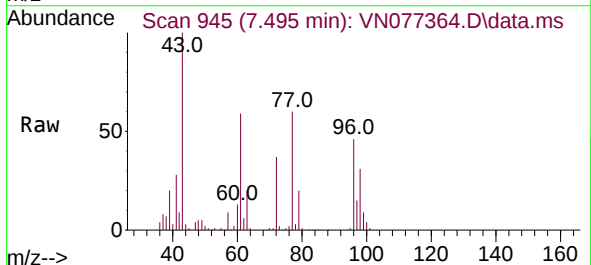
Manual Integrations
APPROVED

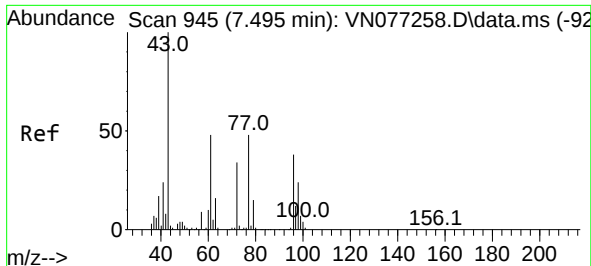
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#26
2,2-Dichloropropane
Concen: 48.781 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

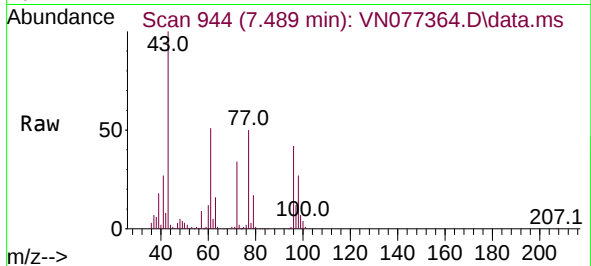
Tgt Ion: 77 Resp: 520712
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.216 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

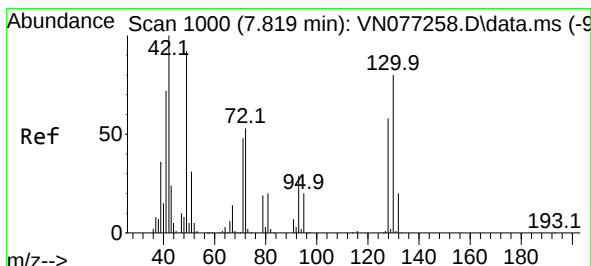
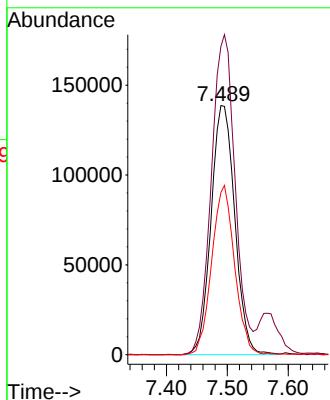
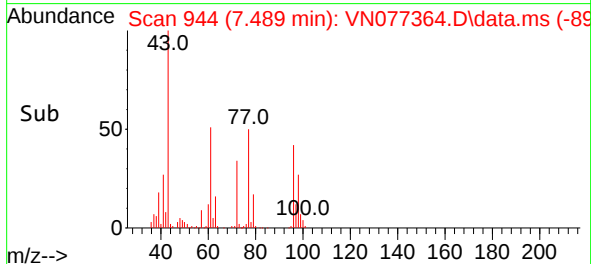
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 375852
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 261.0
 98 65.2 0.0 128.0

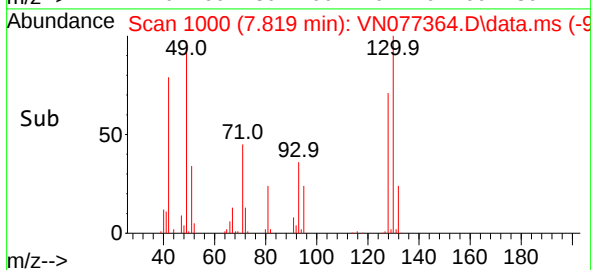
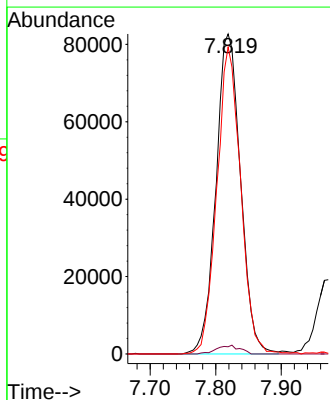
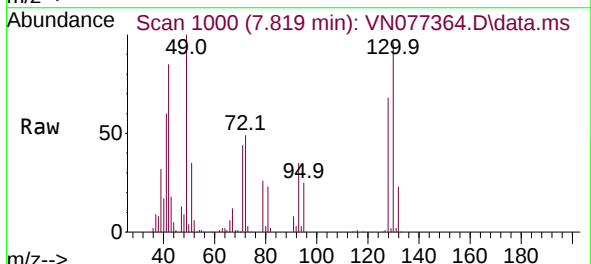
Manual Integrations
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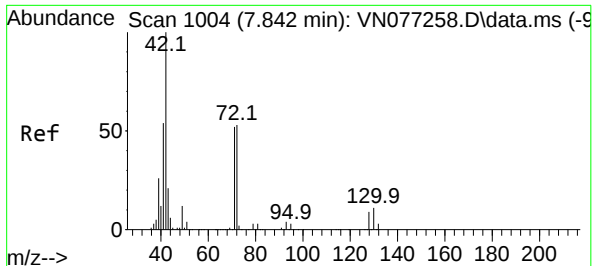
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#28
 Bromochloromethane
 Concen: 45.977 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

Tgt Ion: 49 Resp: 215294
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 92.7 68.4 102.6





#29

Tetrahydrofuran

Concen: 201.599 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

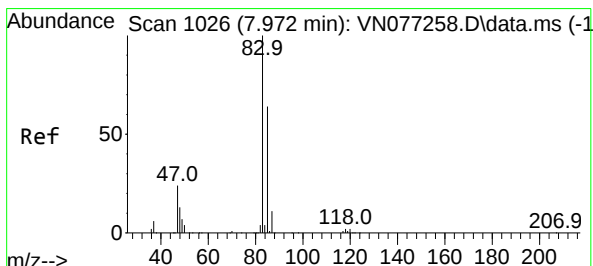
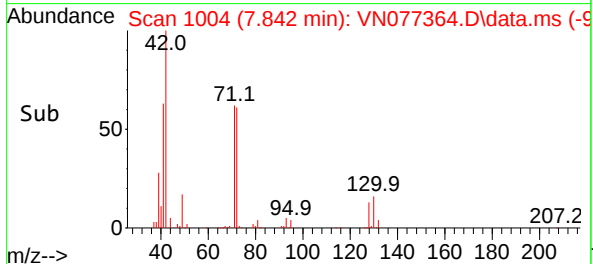
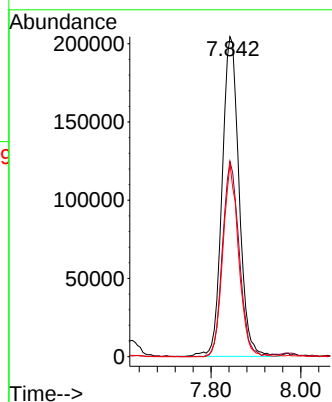
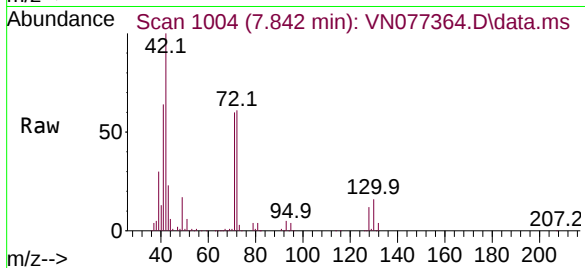
Tgt Ion:	42	Resp:	53865
Ion Ratio	Lower	Upper	
42	100		
72	59.9	44.6	66.8
71	56.0	41.3	61.9

Manual Integrations

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Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 47.925 ug/l

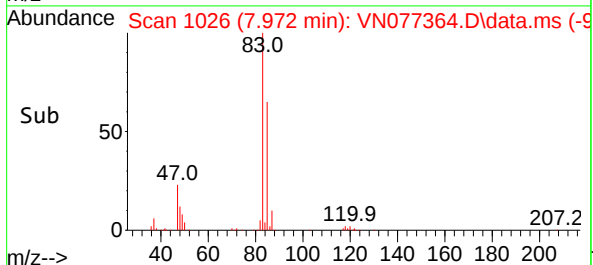
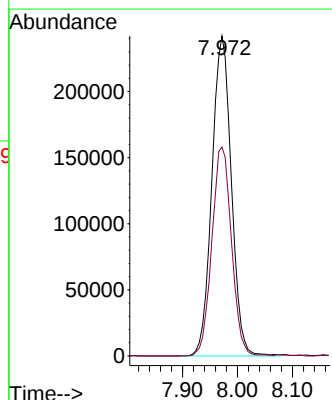
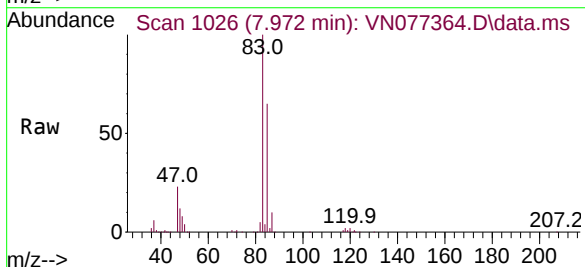
RT: 7.972 min Scan# 1026

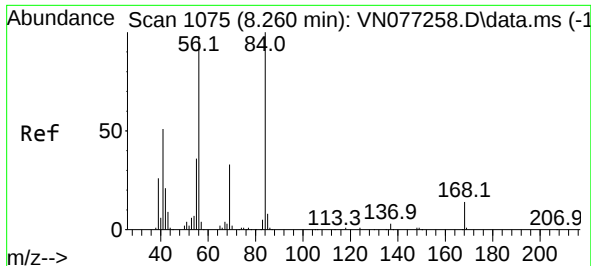
Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

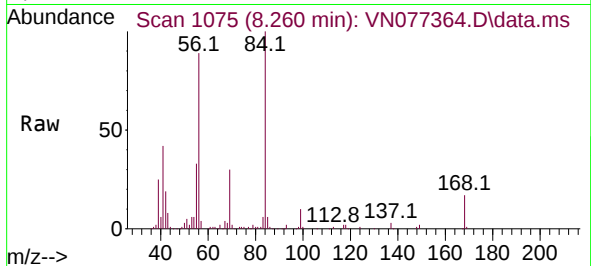
Tgt Ion:	83	Resp:	594937
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.9	76.3





#31
Cyclohexane
Concen: 41.263 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

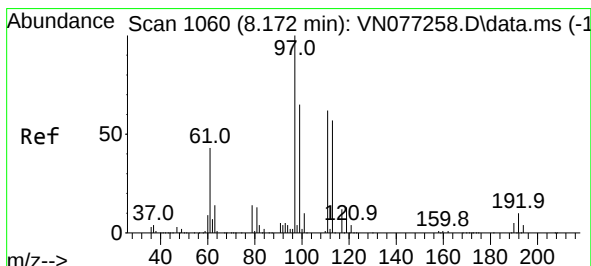
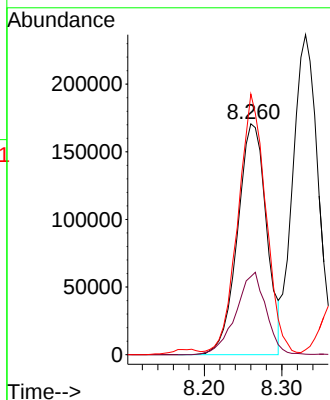
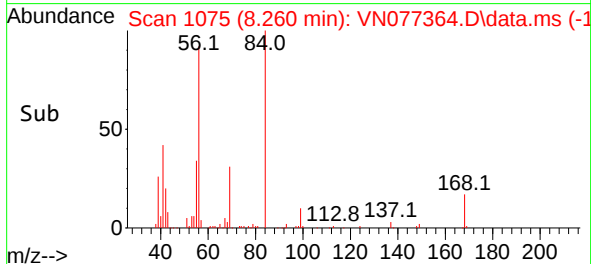
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



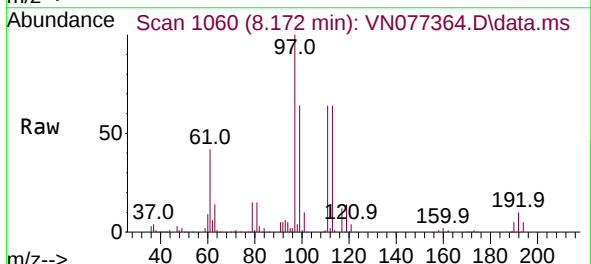
Tgt Ion: 56 Resp: 445370
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 110.6 81.8 122.8

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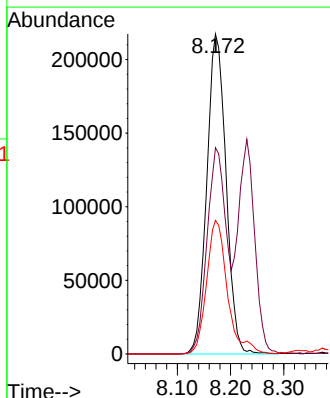
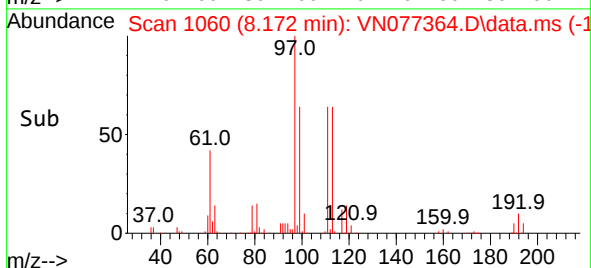
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

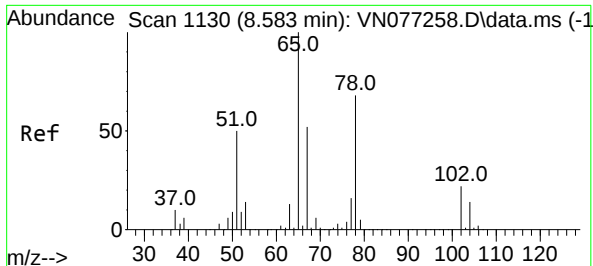


#32
1,1,1-Trichloroethane
Concen: 48.284 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion: 97 Resp: 545121
Ion Ratio Lower Upper
97 100
99 64.1 54.2 81.4
61 45.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 51.709 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 35917

Ion Ratio Lower Upper

65 100

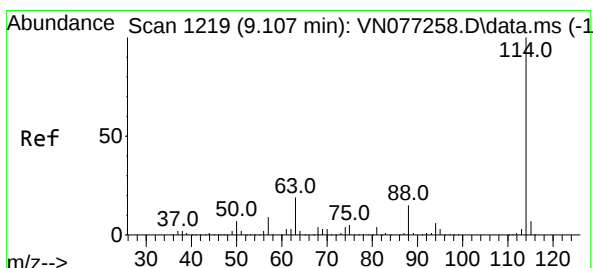
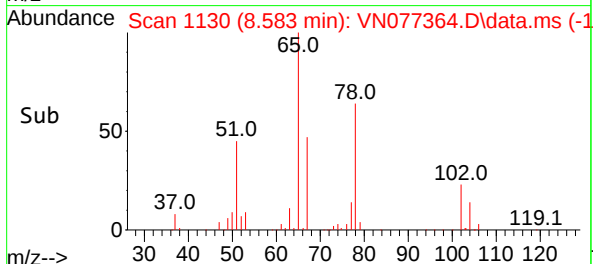
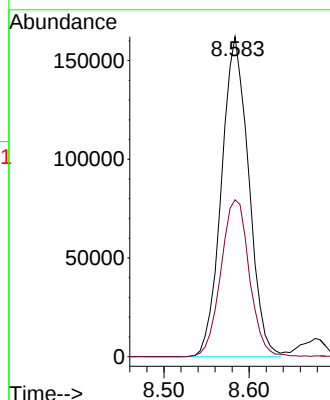
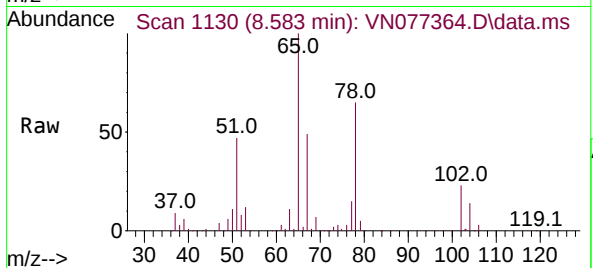
67 51.3 0.0 108.8

Manual Integrations

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Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

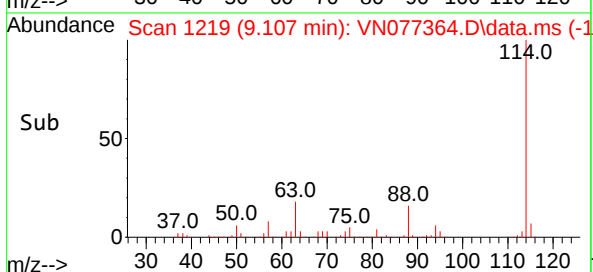
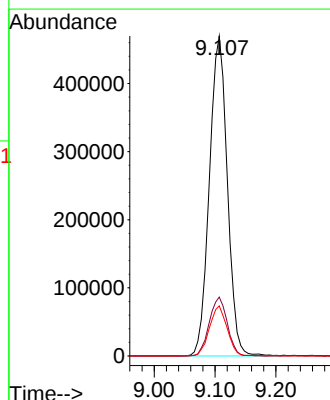
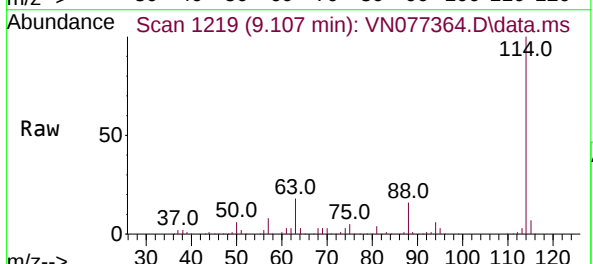
Tgt Ion:114 Resp: 961970

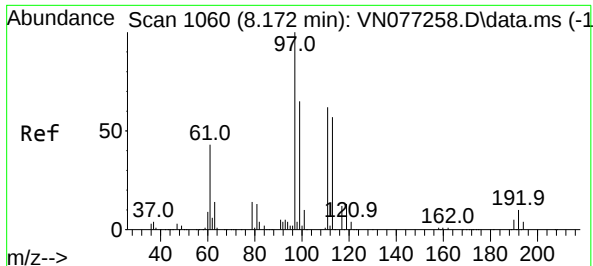
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.007 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 320274

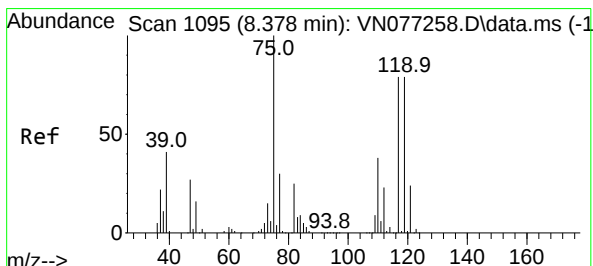
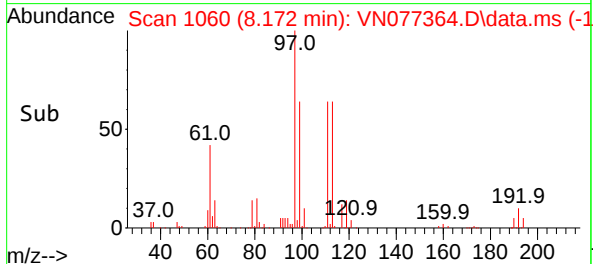
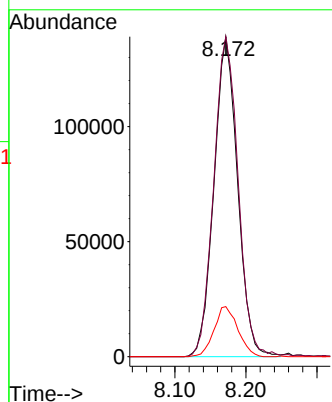
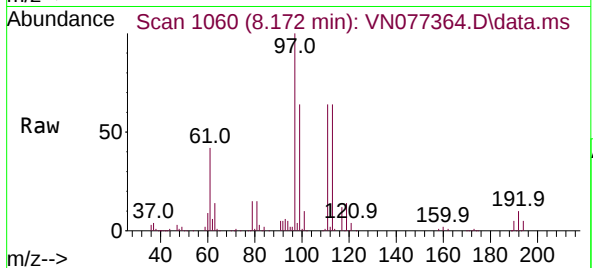
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	15.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 47.170 ug/l

RT: 8.378 min Scan# 1095

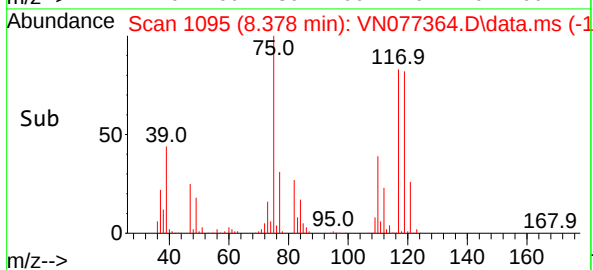
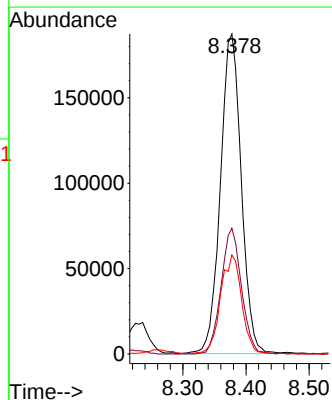
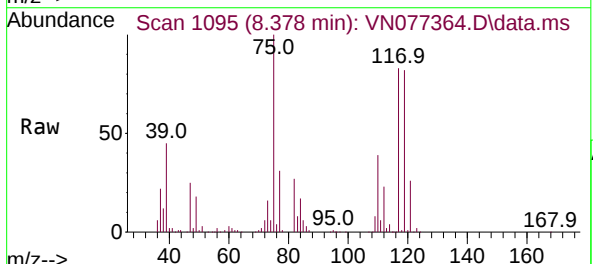
Delta R.T. -0.000 min

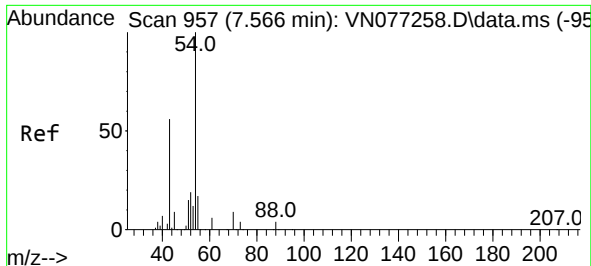
Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Tgt Ion: 75 Resp: 429624

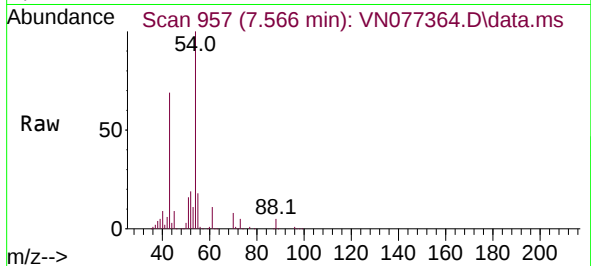
Ion	Ratio	Lower	Upper
75	100		
110	38.2	17.8	53.5
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 42.400 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

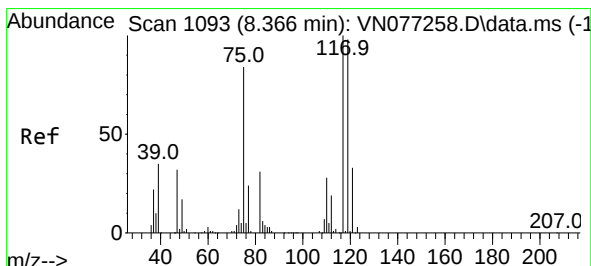
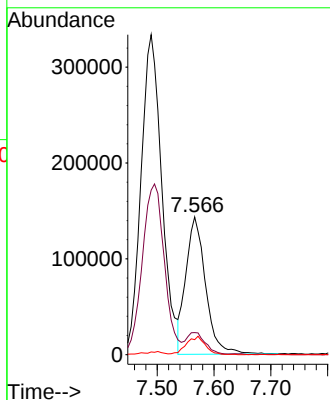
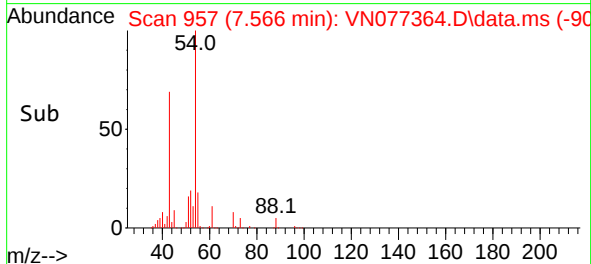
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 345524
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 12.9 10.0 15.0

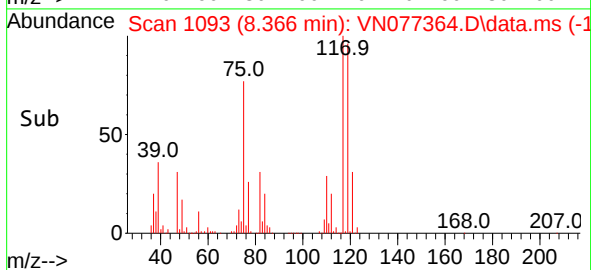
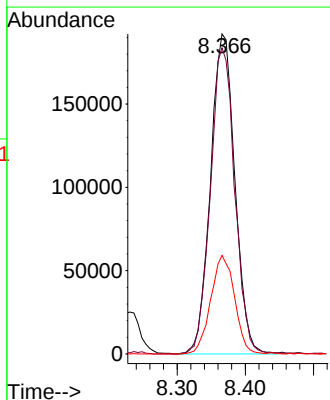
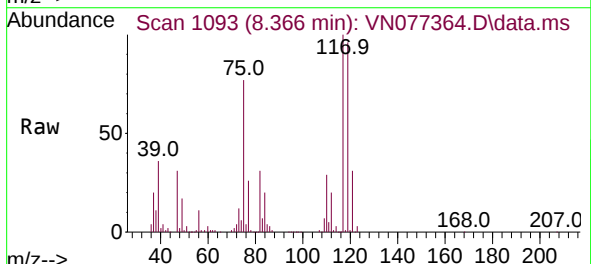
Manual Integrations
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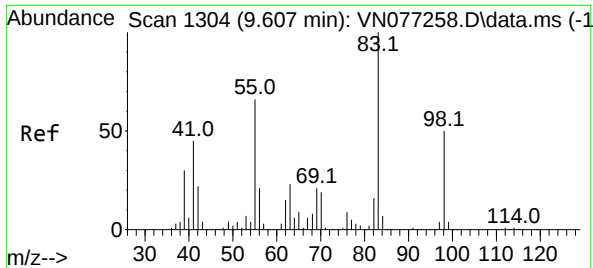
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#38
Carbon Tetrachloride
Concen: 51.279 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

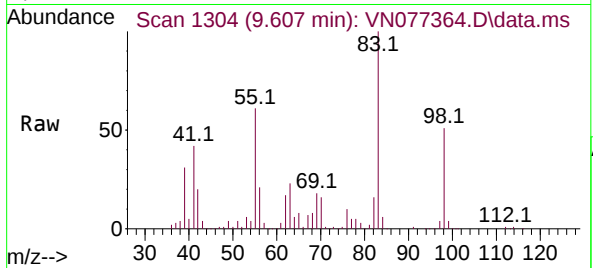
Tgt Ion:117 Resp: 478508
Ion Ratio Lower Upper
117 100
119 95.7 78.5 117.7
121 30.8 26.6 40.0





#39
Methylcyclohexane
Concen: 46.780 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

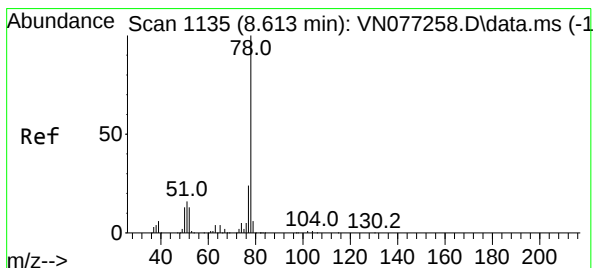
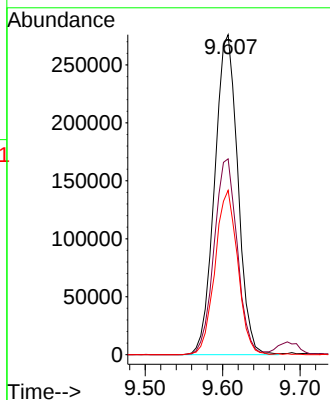
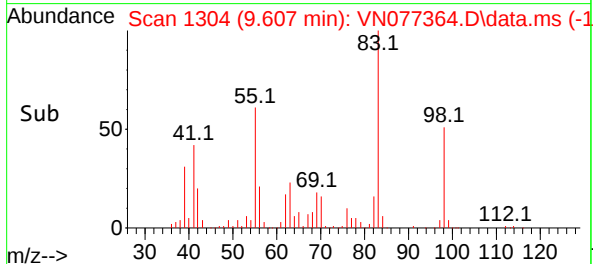
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 574530
Ion Ratio Lower Upper
83 100
55 61.2 52.4 78.6
98 51.4 39.8 59.6

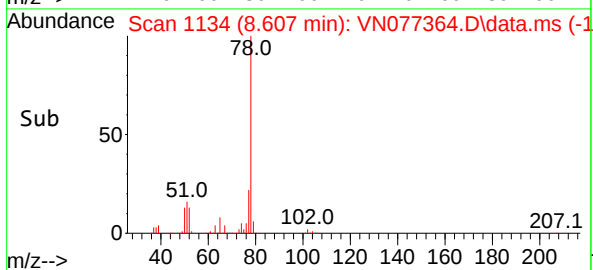
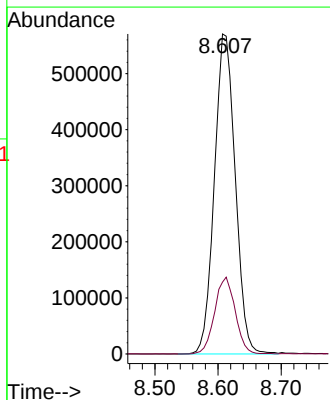
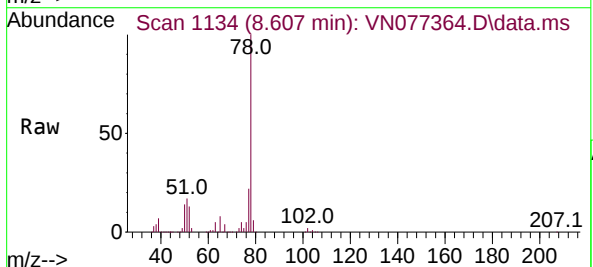
Manual Integrations
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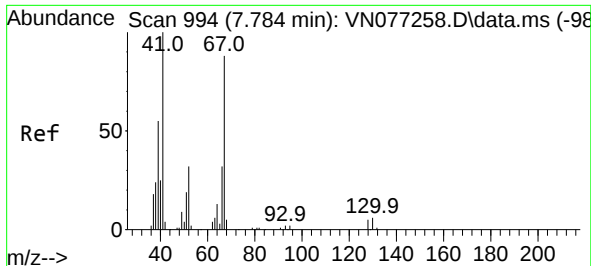
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#40
Benzene
Concen: 46.134 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

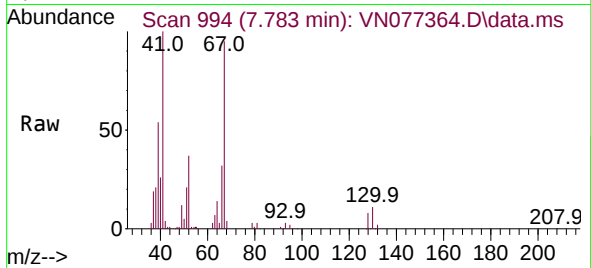
Tgt Ion: 78 Resp: 1310641
Ion Ratio Lower Upper
78 100
77 22.4 19.5 29.3





#41
Methacrylonitrile
Concen: 39.644 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

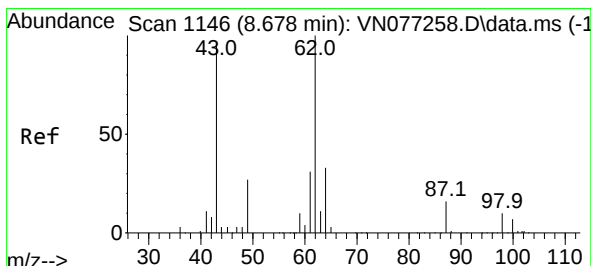
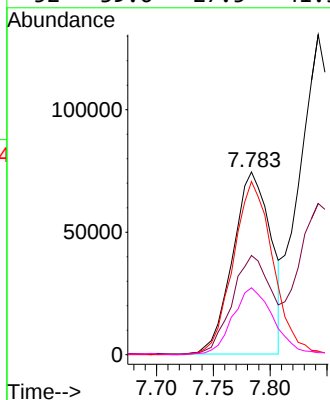
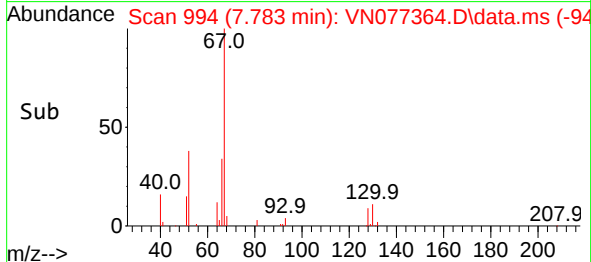
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 17365
Ion Ratio Lower Upper
41 100
39 55.1 44.1 66.1
67 100.2 71.4 107.2
52 39.6 27.5 41.3

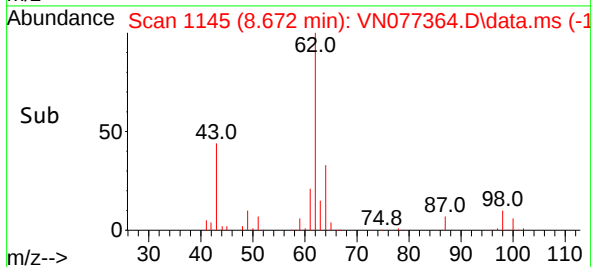
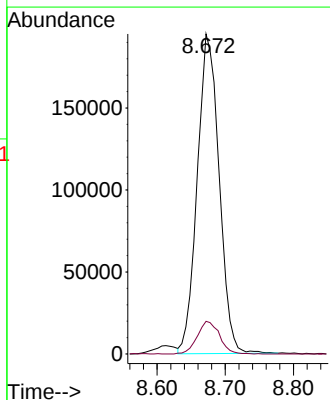
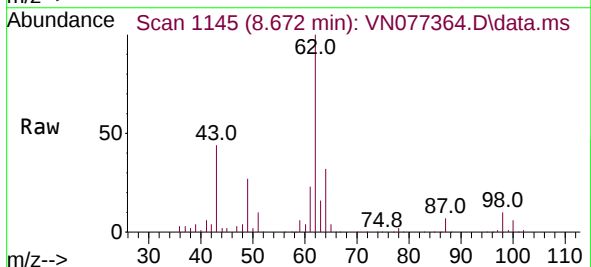
Manual Integrations
APPROVED

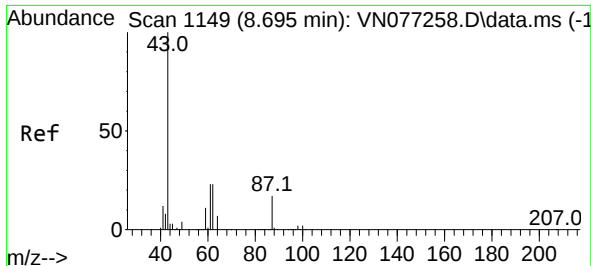
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#42
1,2-Dichloroethane
Concen: 49.638 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 62 Resp: 434016
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 41.334 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

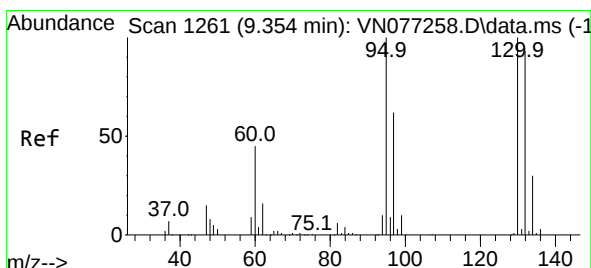
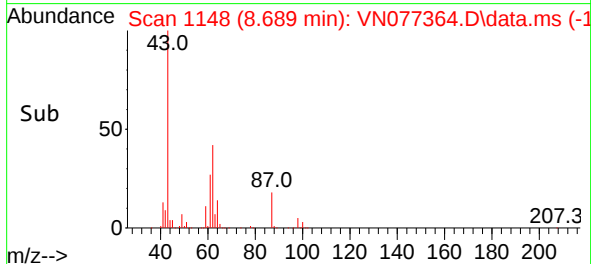
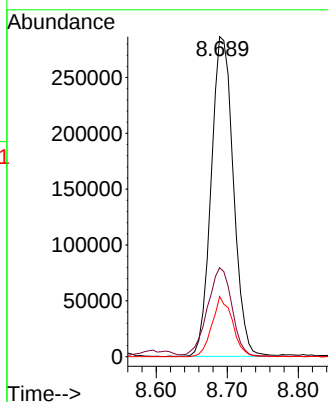
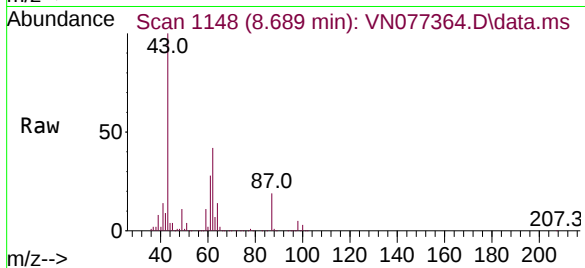
Tgt Ion: 43 Resp: 621532
 Ion Ratio Lower Upper
 43 100
 61 30.8 22.7 34.1
 87 17.3 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#44

Trichloroethene

Concen: 49.979 ug/l

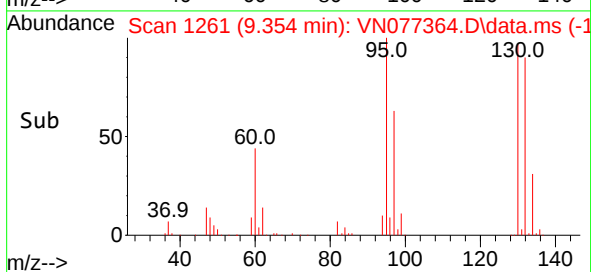
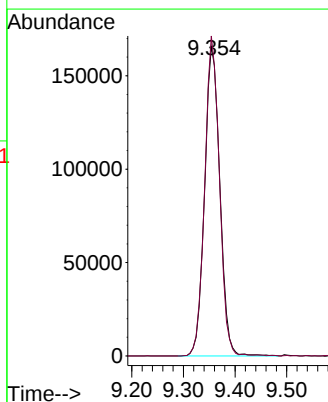
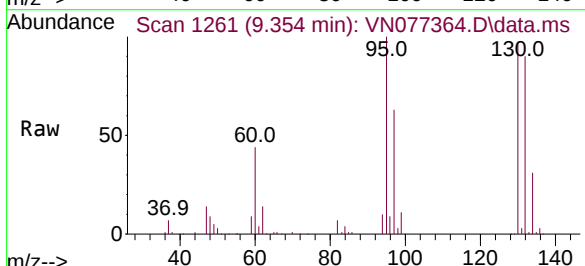
RT: 9.354 min Scan# 1261

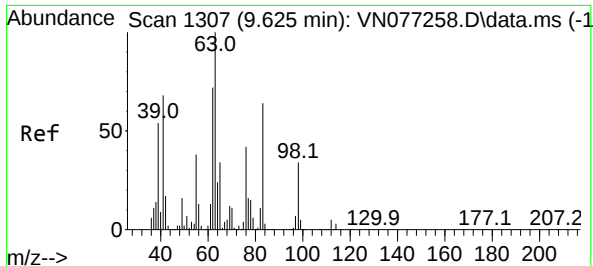
Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Tgt Ion:130 Resp: 339732
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 200.2





#45

1,2-Dichloropropane

Concen: 47.614 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 32125

Ion Ratio Lower Upper

63 100

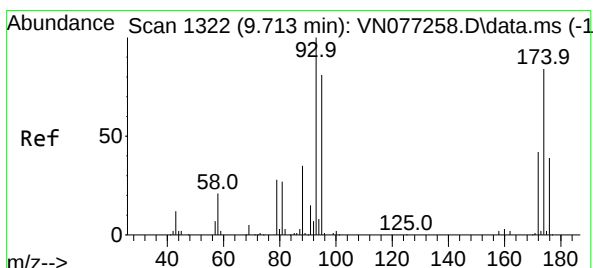
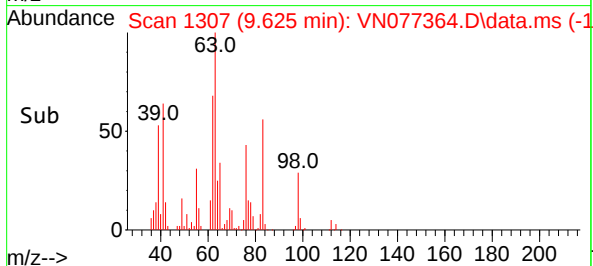
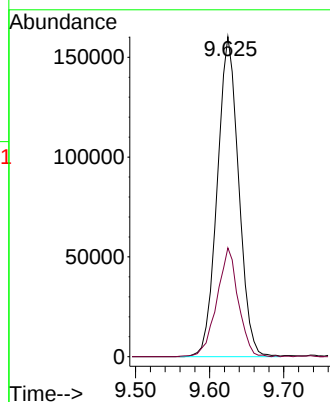
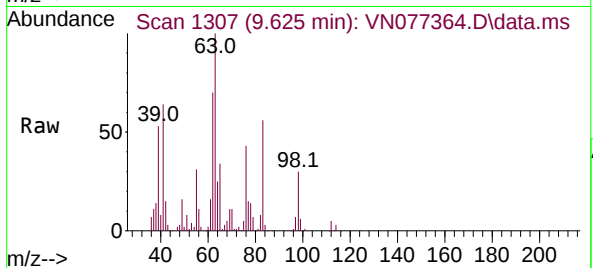
65 34.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#46

Dibromomethane

Concen: 49.864 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

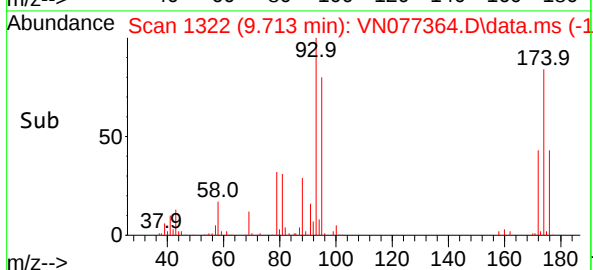
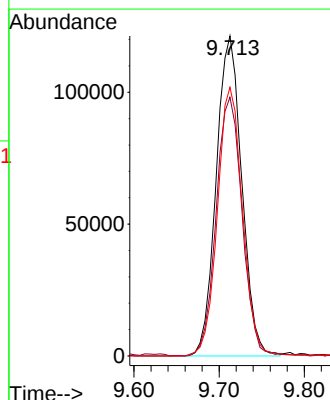
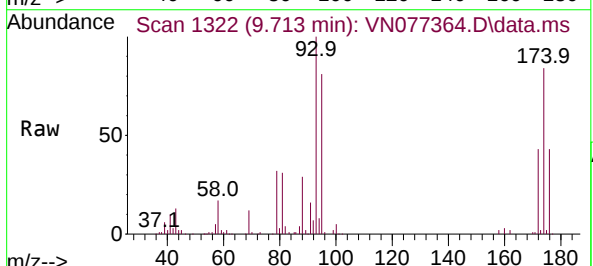
Tgt Ion: 93 Resp: 253484

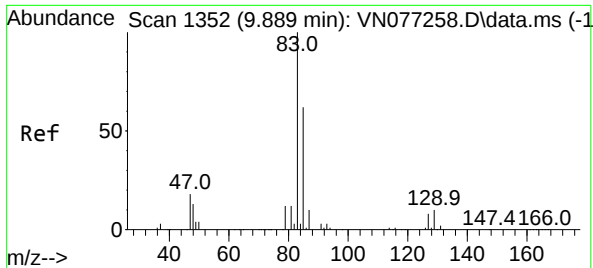
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

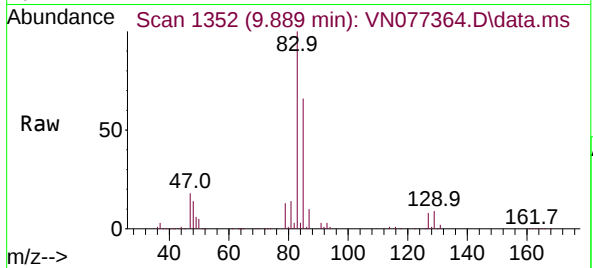
174 82.1 66.0 99.0





#47
Bromodichloromethane
Concen: 49.636 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

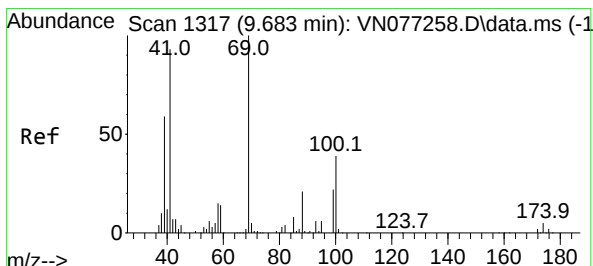
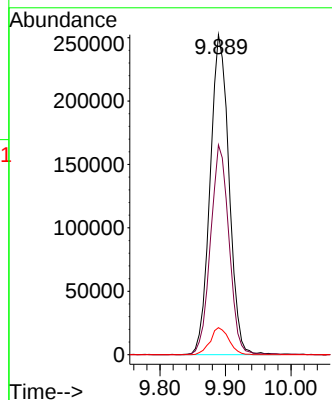
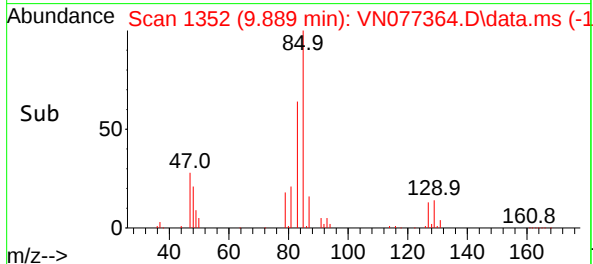
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



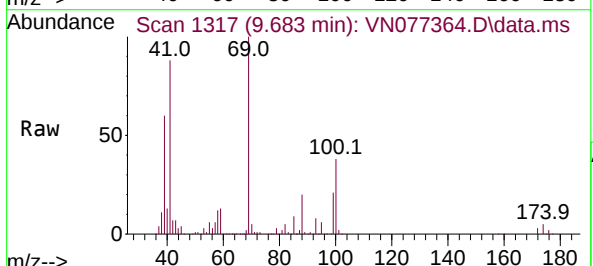
Tgt Ion: 83 Resp: 504334
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.8
127 8.4 6.2 9.2

Manual Integrations
APPROVED

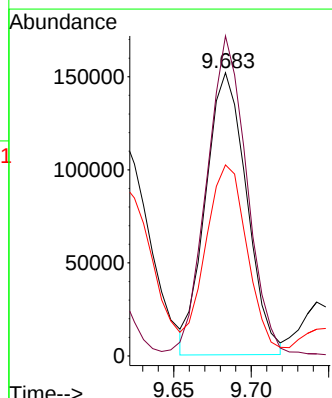
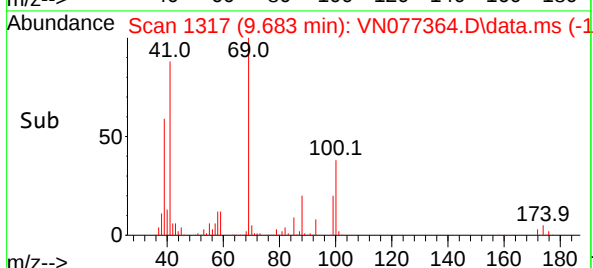
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

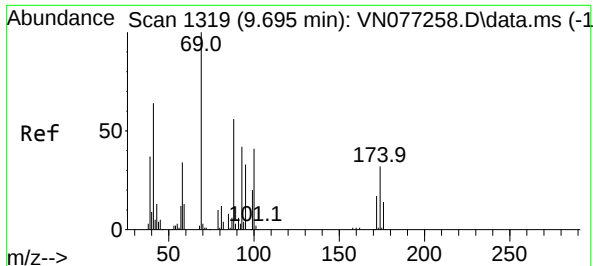


#48
Methyl methacrylate
Concen: 43.532 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion: 41 Resp: 279243
Ion Ratio Lower Upper
41 100
69 111.6 85.0 127.6
39 69.6 53.5 80.3





#49

1,4-Dioxane

Concen: 905.128 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 140768

Ion Ratio Lower Upper

88 100

43 19.9 17.0 25.6

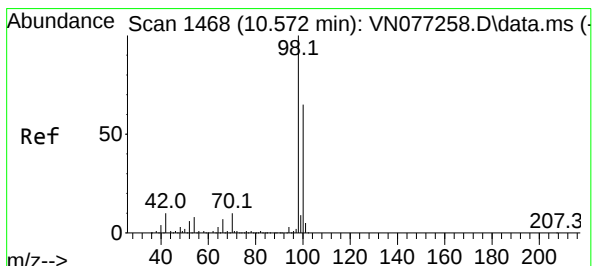
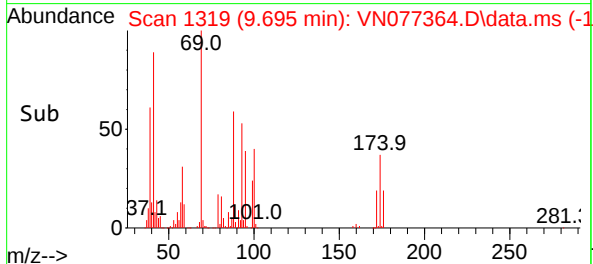
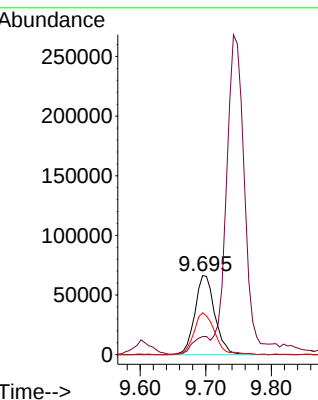
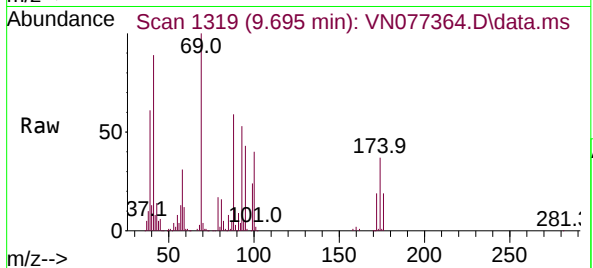
58 55.3 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#50

Toluene-d8

Concen: 51.619 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077364.D

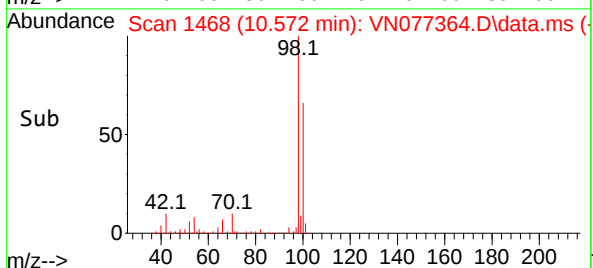
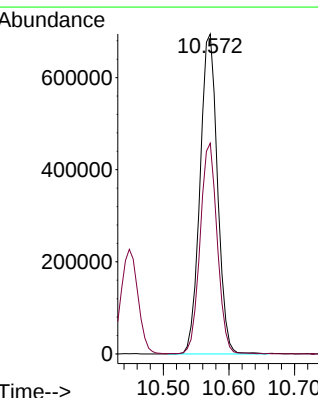
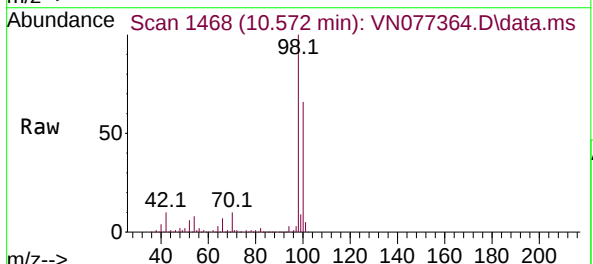
Acq: 17 Apr 2023 18:09

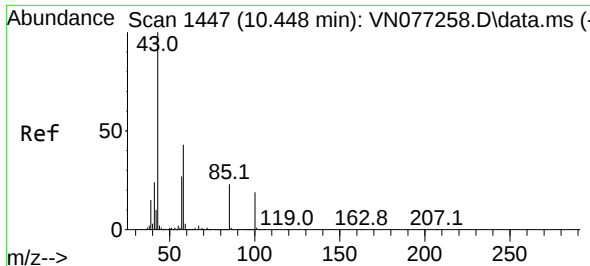
Tgt Ion: 98 Resp: 1279679

Ion Ratio Lower Upper

98 100

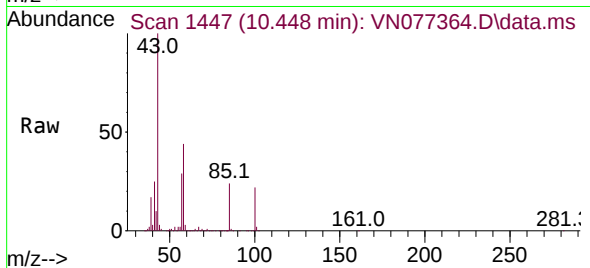
100 64.6 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 214.869 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

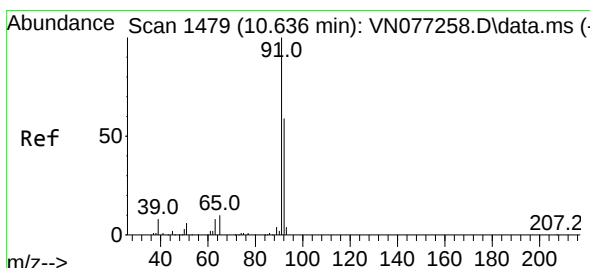
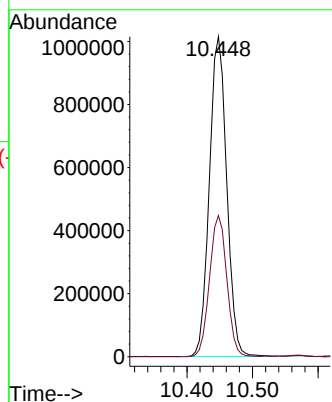
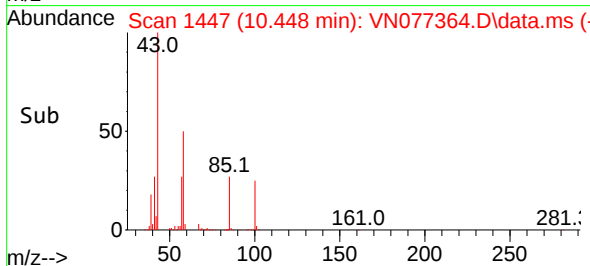
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



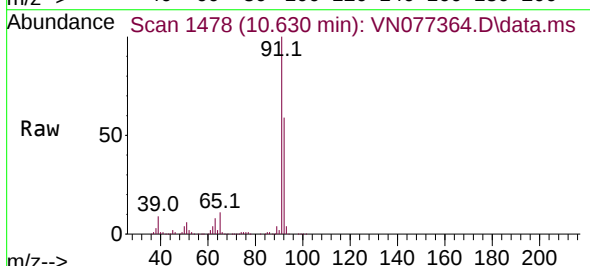
Tgt Ion: 43 Resp: 186758
Ion Ratio Lower Upper
43 100
58 44.0 34.6 52.0

Manual Integrations
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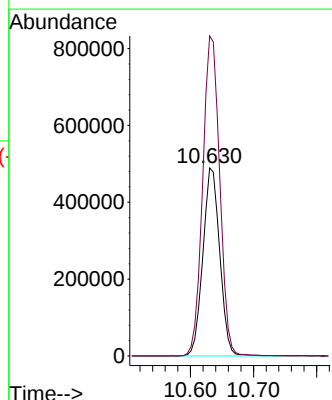
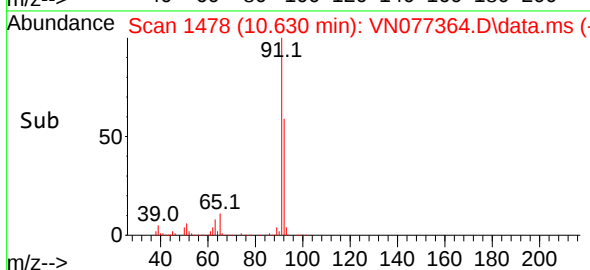
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

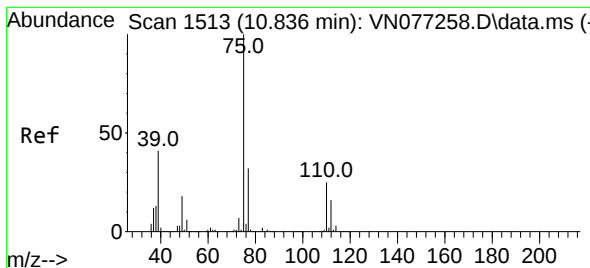


#52
Toluene
Concen: 48.760 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



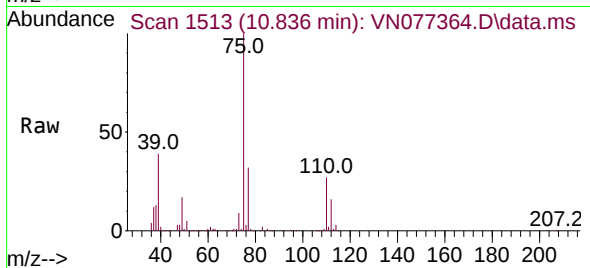
Tgt Ion: 92 Resp: 906702
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 49.777 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

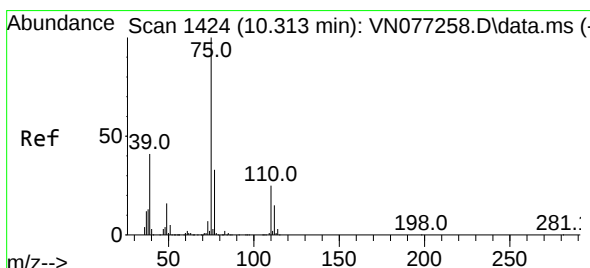
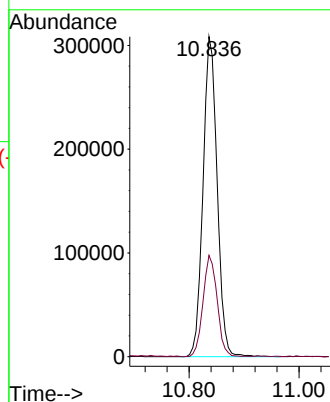
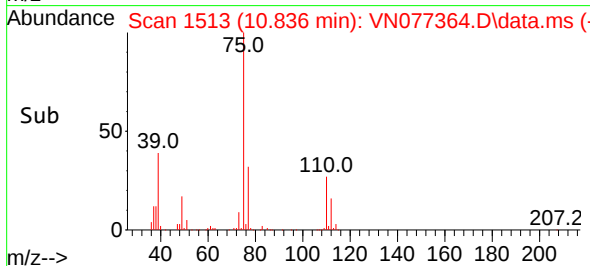
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 549210
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

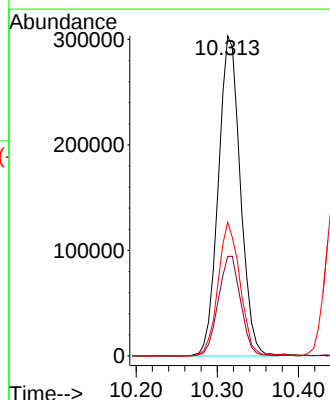
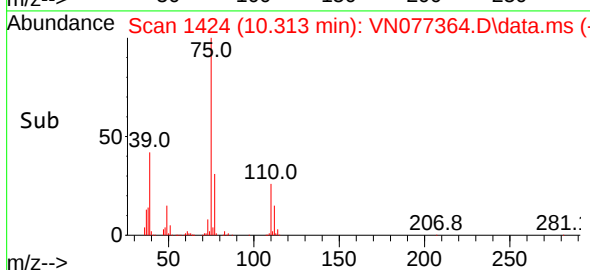
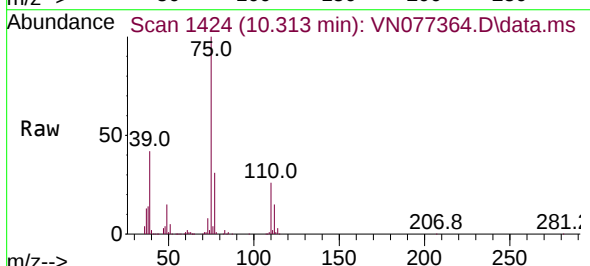
Manual Integrations
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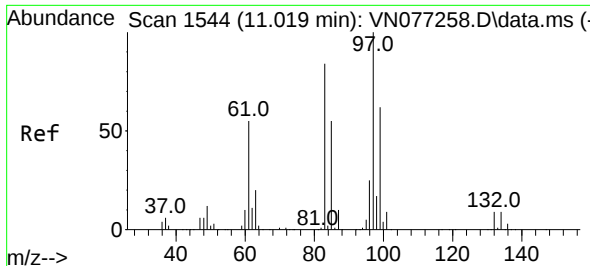
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#54
cis-1,3-Dichloropropene
Concen: 48.645 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

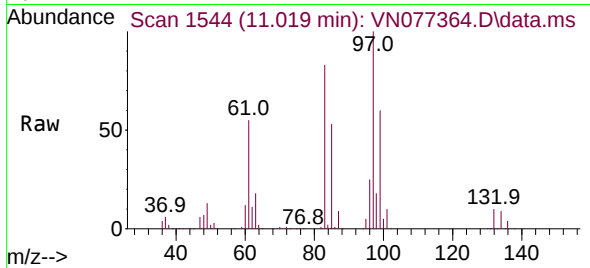
Tgt Ion: 75 Resp: 571693
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
39 41.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 49.404 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

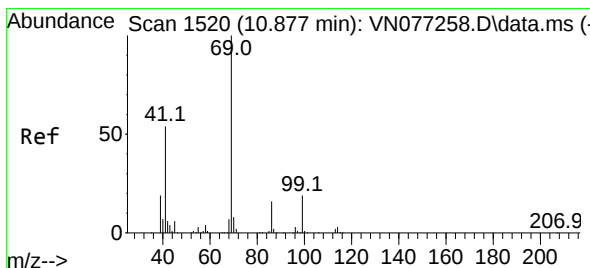
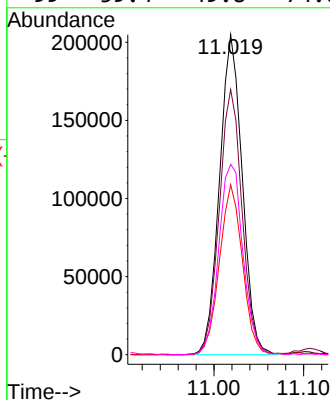
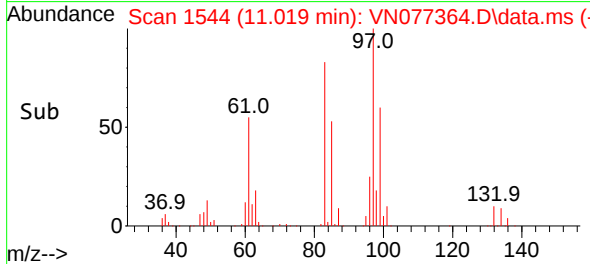
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



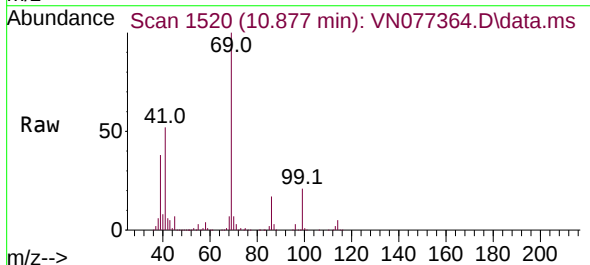
Tgt Ion: 97 Resp: 360621
Ion Ratio Lower Upper
97 100
83 82.8 67.4 101.2
85 53.1 44.1 66.1
99 59.4 49.8 74.6

Manual Integrations
APPROVED

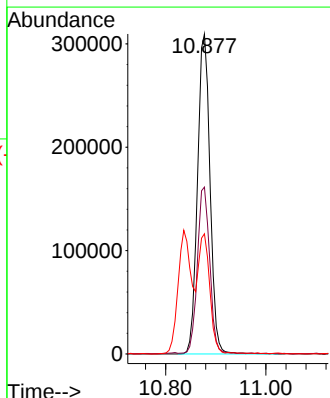
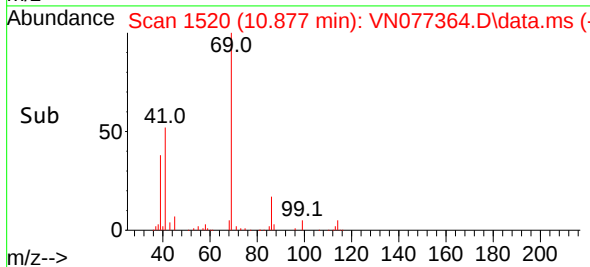
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

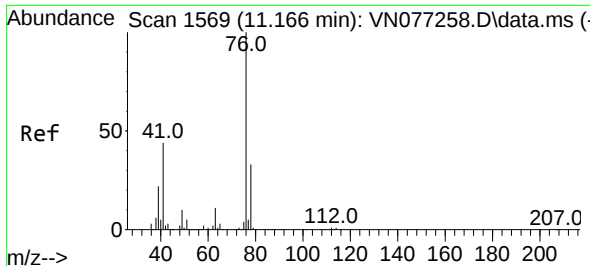


#56
Ethyl methacrylate
Concen: 47.039 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion: 69 Resp: 534800
Ion Ratio Lower Upper
69 100
41 51.0 42.8 64.2
39 33.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 48.880 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 589460

Ion Ratio Lower Upper

76 100

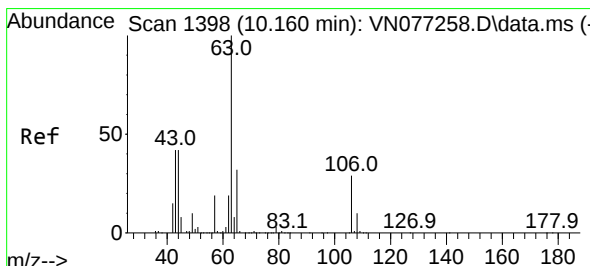
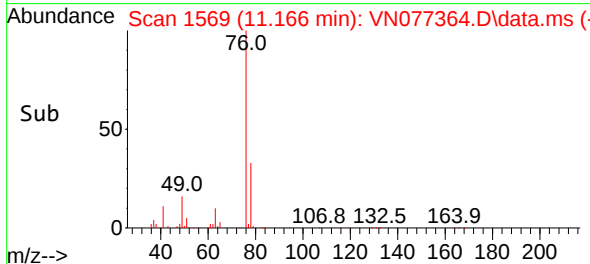
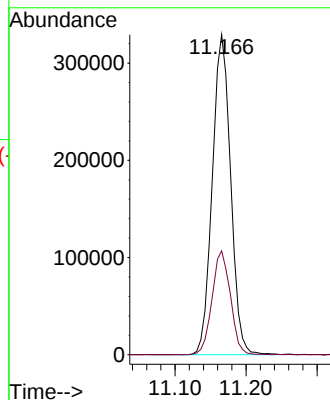
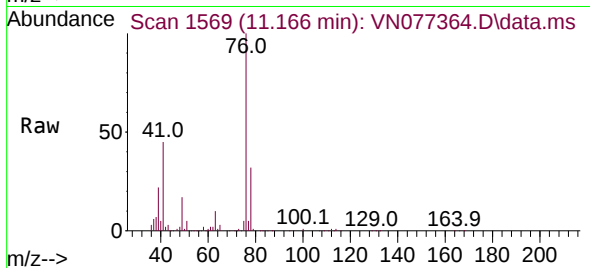
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.763 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077364.D

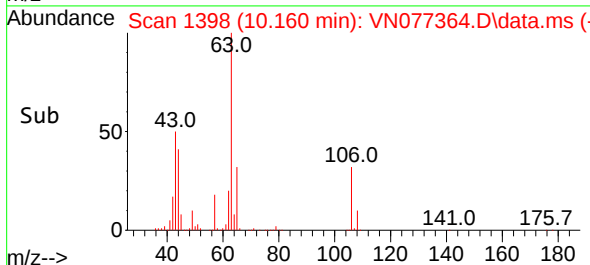
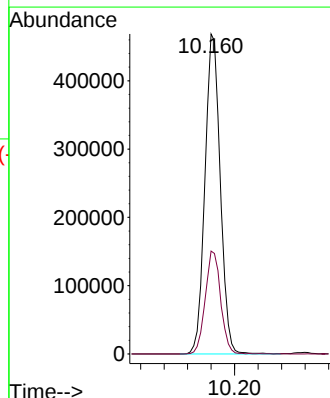
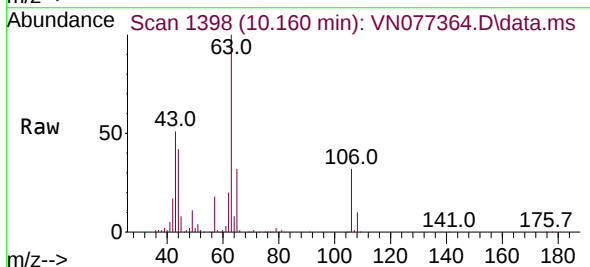
Acq: 17 Apr 2023 18:09

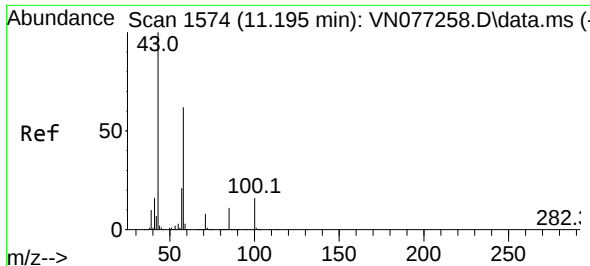
Tgt Ion: 63 Resp: 848690

Ion Ratio Lower Upper

63 100

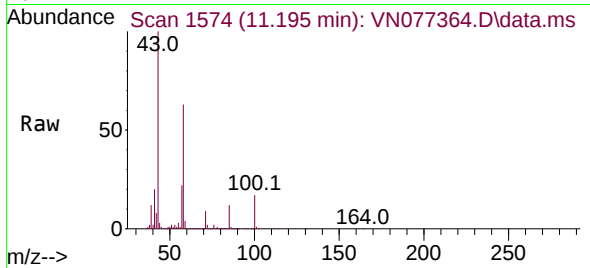
106 32.2 24.1 36.1





#59
2-Hexanone
Concen: 210.265 ug/l
RT: 11.195 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

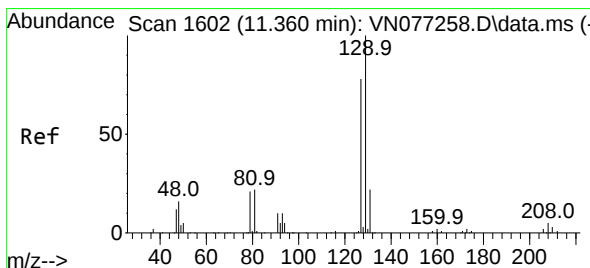
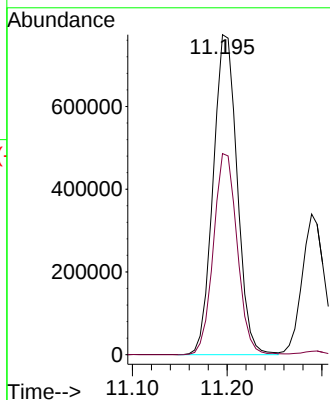
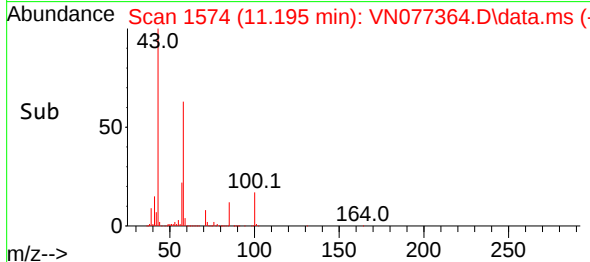
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1361534
Ion Ratio Lower Upper
43 100
58 62.3 30.9 92.5

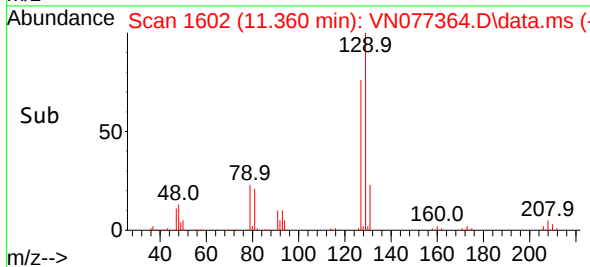
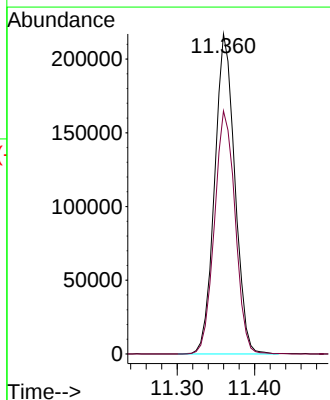
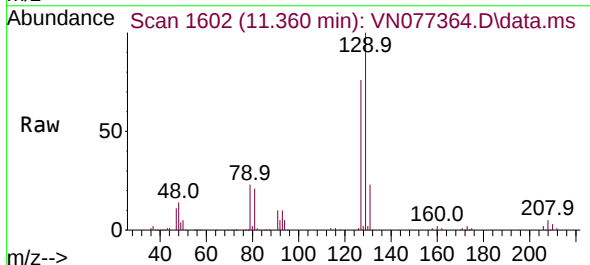
Manual Integrations
APPROVED

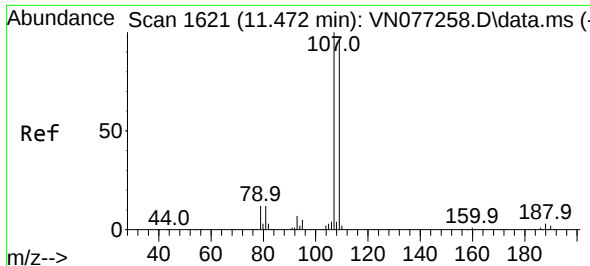
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 52.409 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

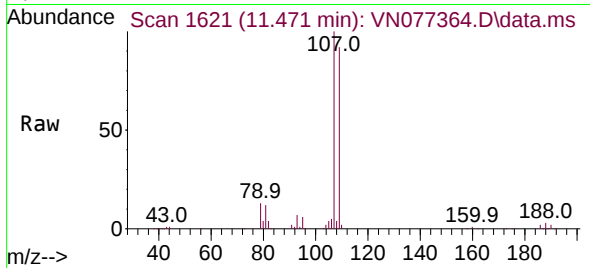
Tgt Ion:129 Resp: 394003
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61
1,2-Dibromoethane
Concen: 51.056 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

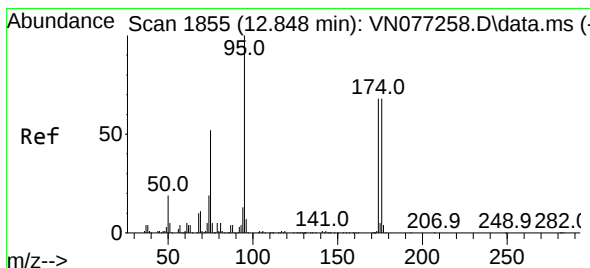
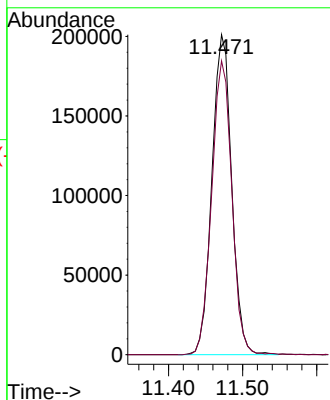
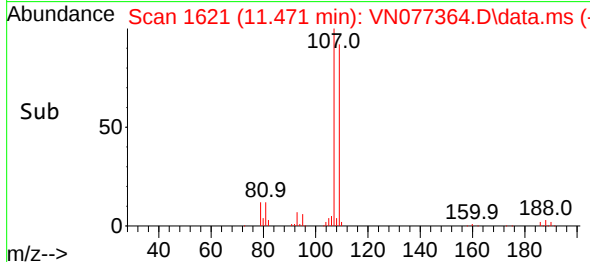
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



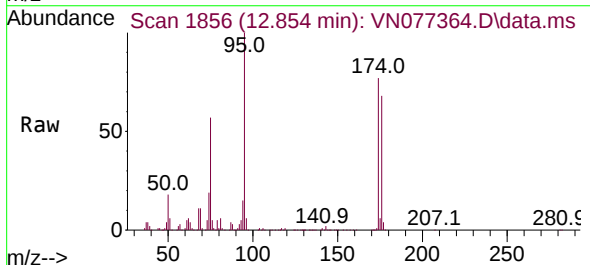
Tgt Ion:107 Resp: 37198
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

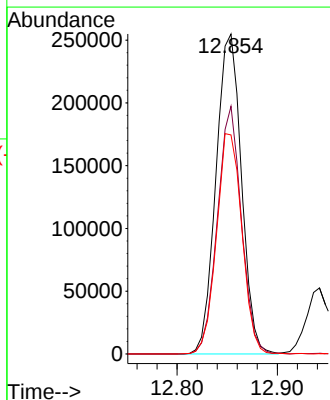
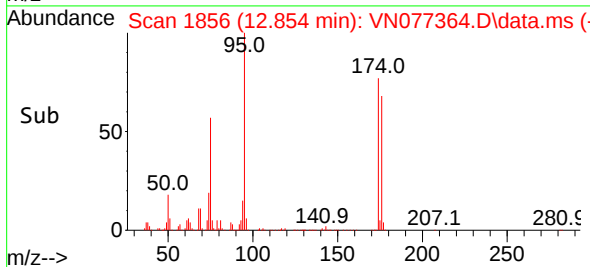
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

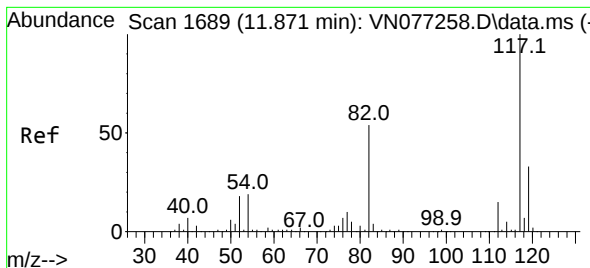


#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion: 95 Resp: 448801
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.8
176 68.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 913580

Ion Ratio Lower Upper

117 100

82 51.4 42.9 64.3

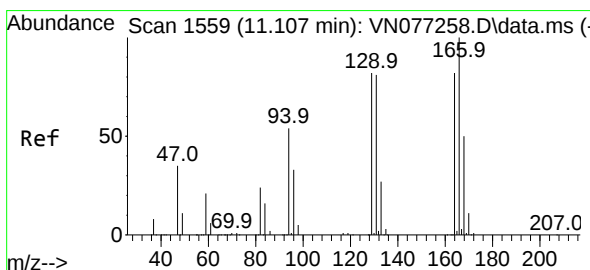
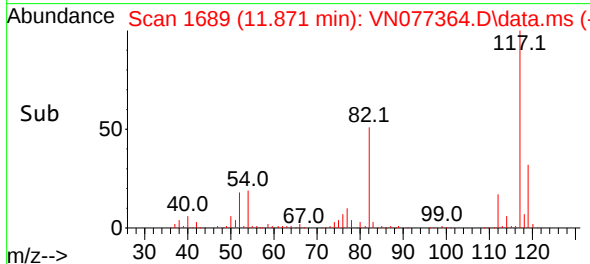
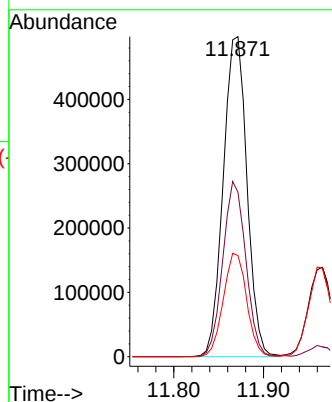
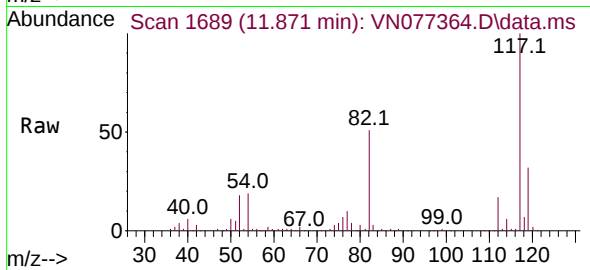
119 31.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#64

Tetrachloroethene

Concen: 47.171 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Tgt Ion:164 Resp: 266219

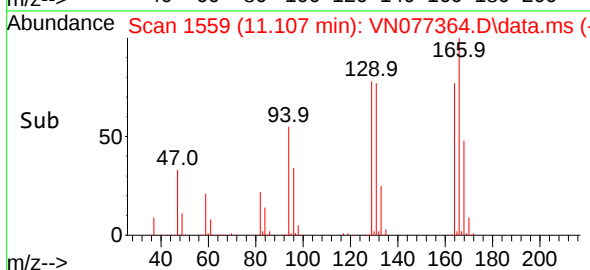
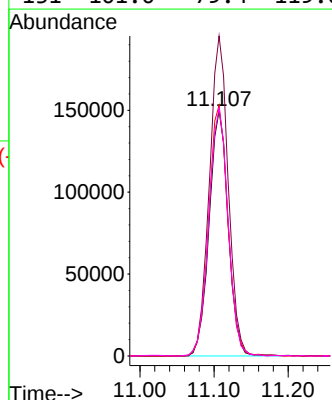
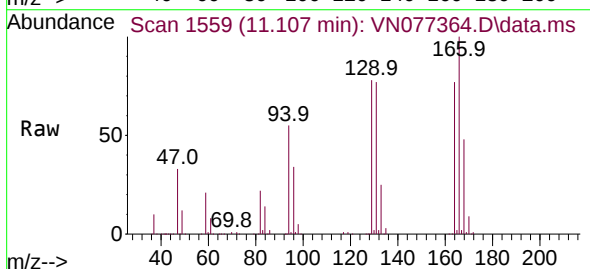
Ion Ratio Lower Upper

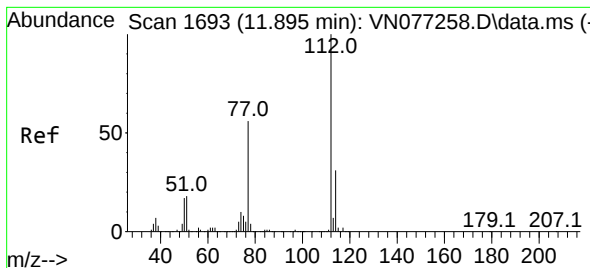
164 100

166 130.5 97.8 146.6

129 102.3 80.1 120.1

131 101.0 79.4 119.0





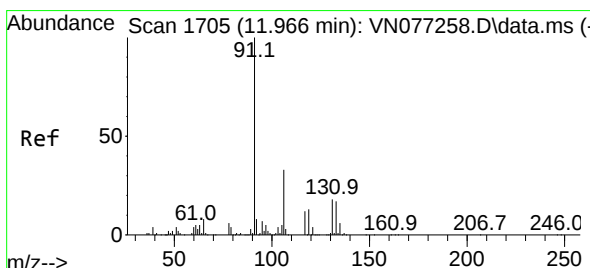
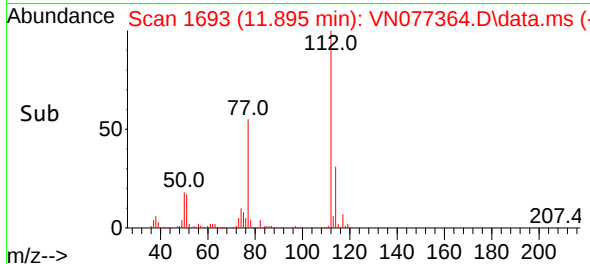
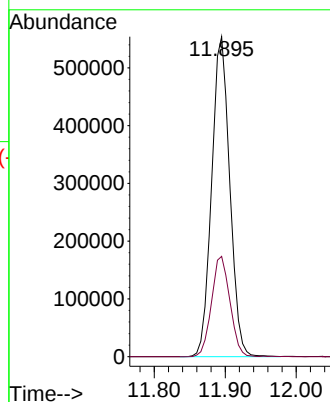
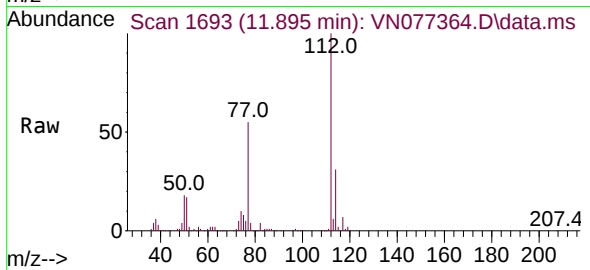
#65
Chlorobenzene
Concen: 48.628 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 978070
Ion Ratio Lower Upper
112 100
114 31.3 24.6 36.8

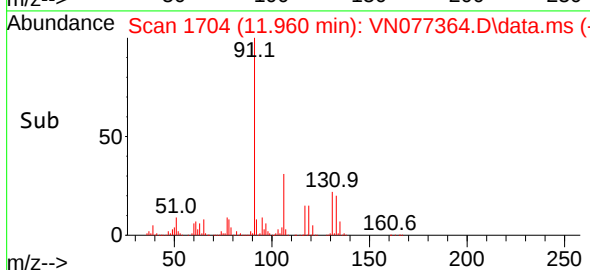
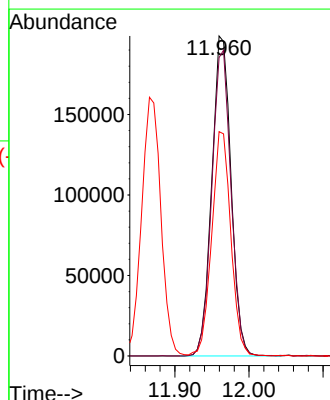
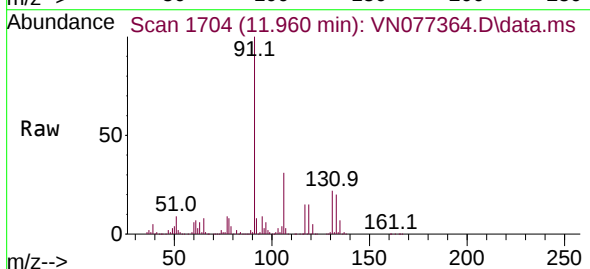
Manual Integrations
APPROVED

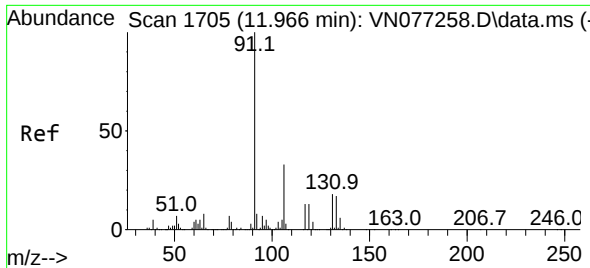
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.007 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

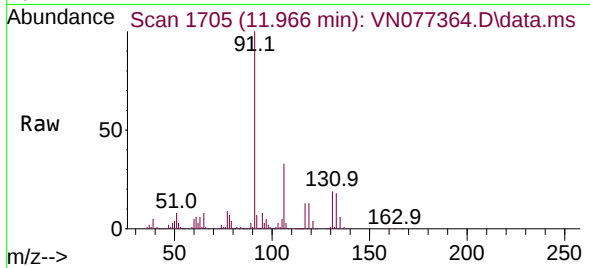
Tgt Ion:131 Resp: 357744
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.6
119 69.7 34.0 102.0





#67
Ethyl Benzene
Concen: 47.369 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

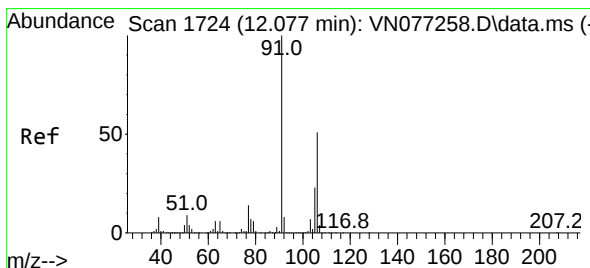
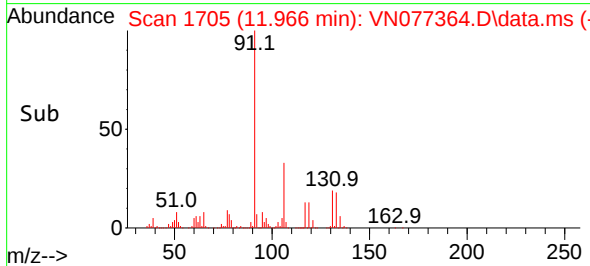
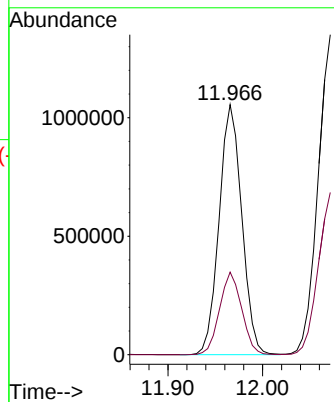
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1758129
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2

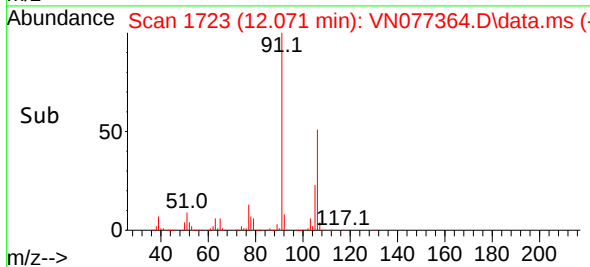
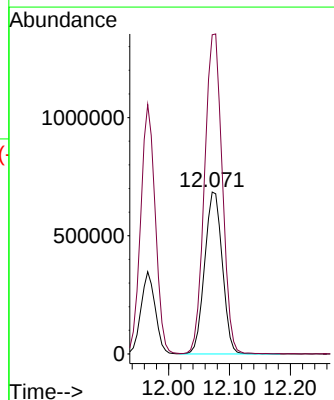
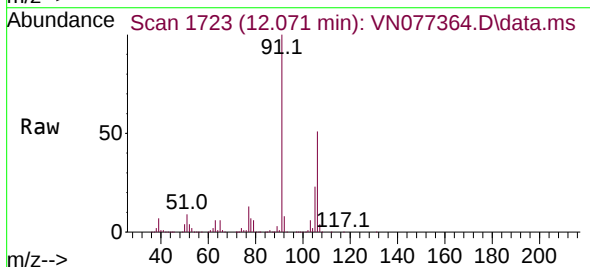
Manual Integrations
APPROVED

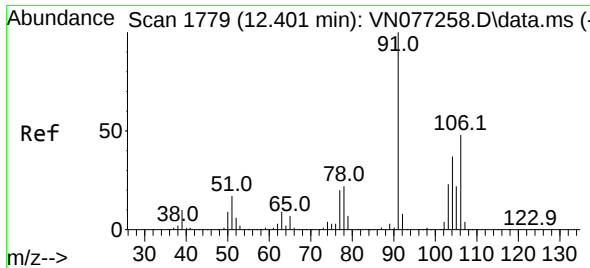
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#68
m/p-Xylenes
Concen: 94.524 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion:106 Resp: 1378494
Ion Ratio Lower Upper
106 100
91 198.6 158.7 238.1





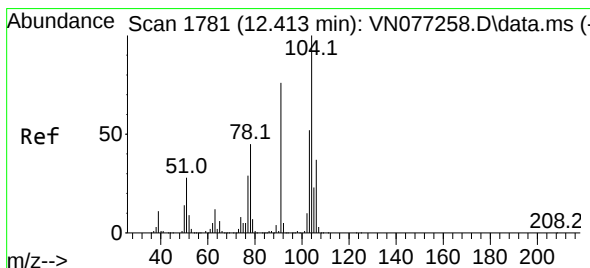
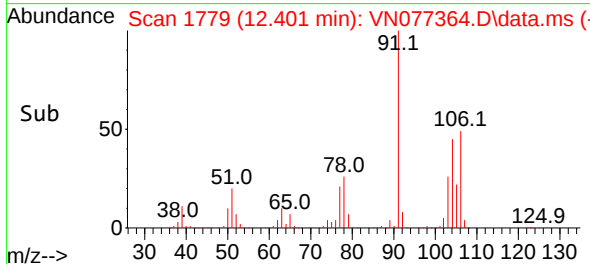
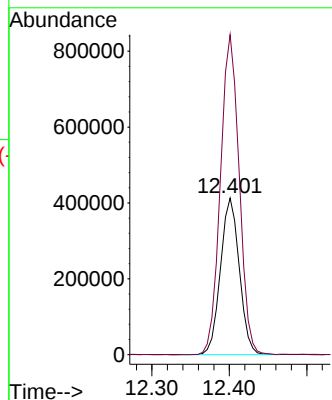
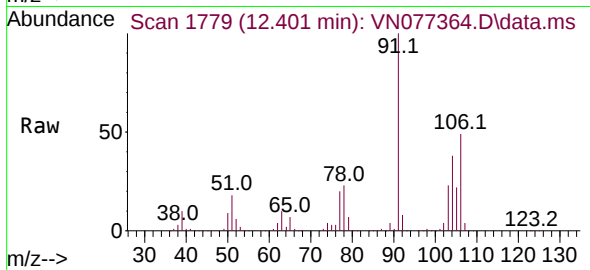
#69
o-Xylene
Concen: 48.453 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 697100
Ion Ratio Lower Upper
106 100
91 203.9 104.0 312.0

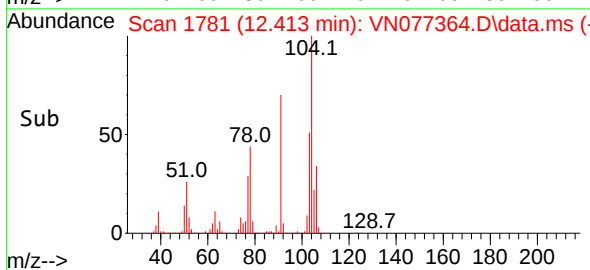
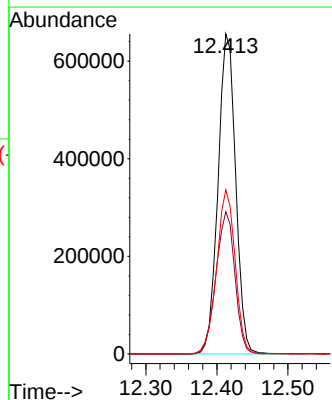
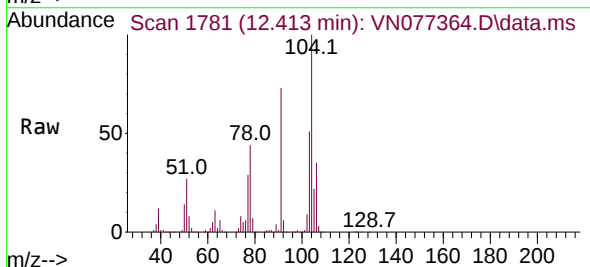
Manual Integrations
APPROVED

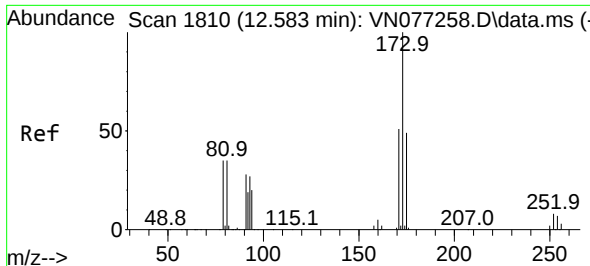
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#70
Styrene
Concen: 48.681 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

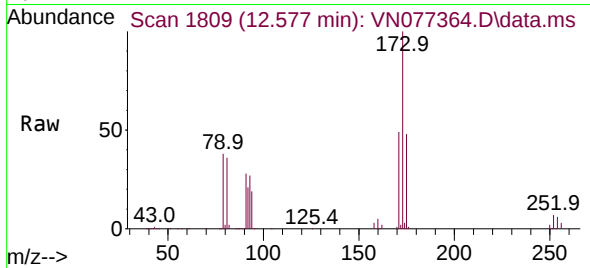
Tgt Ion:104 Resp: 1127079
Ion Ratio Lower Upper
104 100
78 47.9 38.0 57.0
103 53.8 43.1 64.7





#71
Bromoform
Concen: 48.563 ug/l
RT: 12.577 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

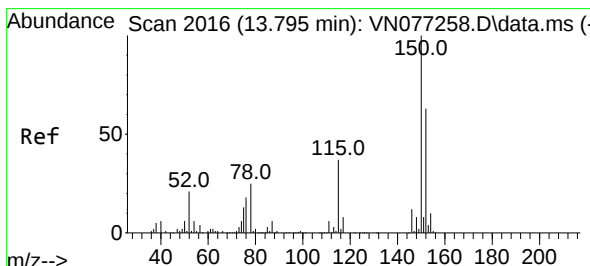
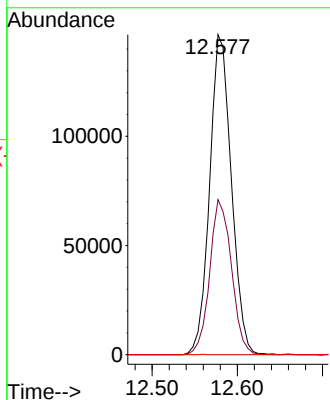
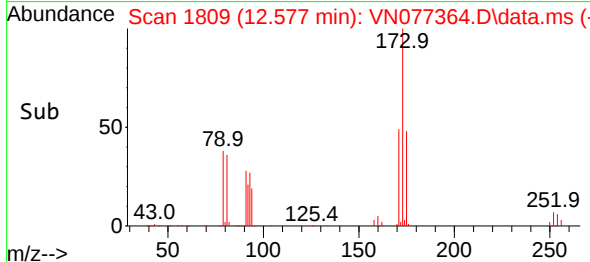
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 260160
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.1 0.1

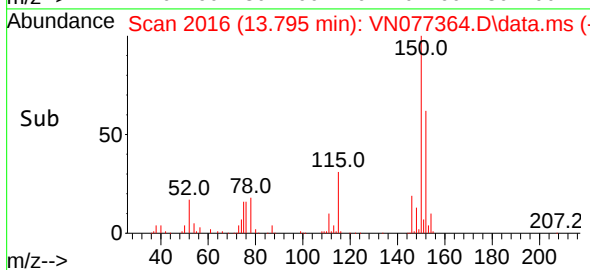
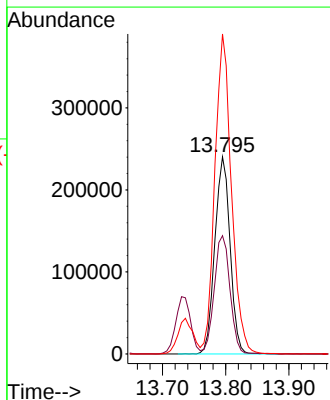
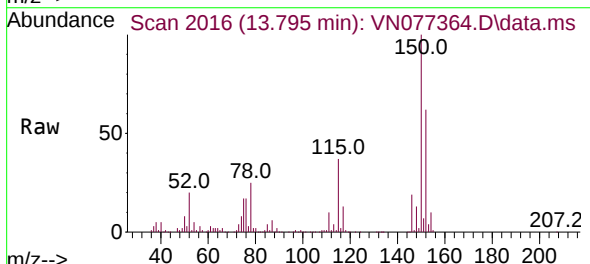
Manual Integrations
APPROVED

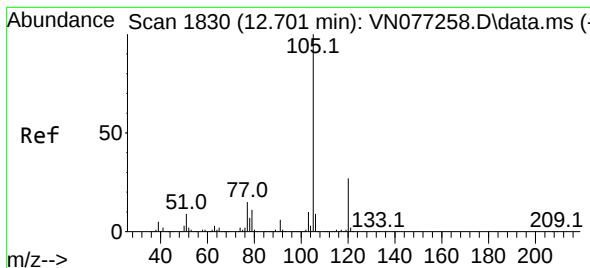
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion:152 Resp: 402741
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 176.4 0.0 354.8





#73

Isopropylbenzene

Concen: 46.169 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 180602

Ion Ratio Lower Upper

105 100

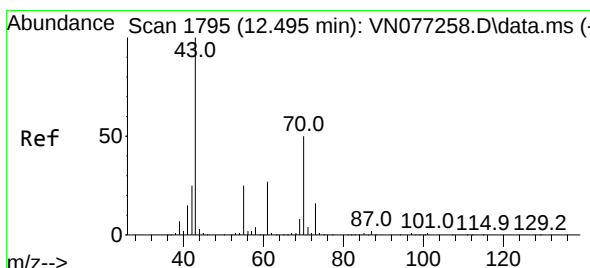
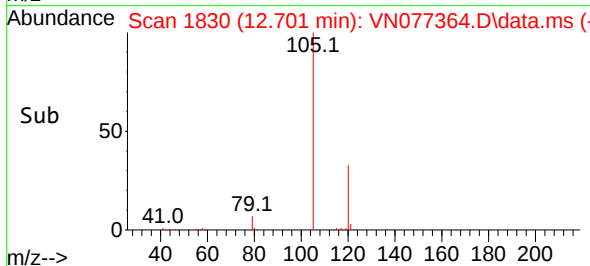
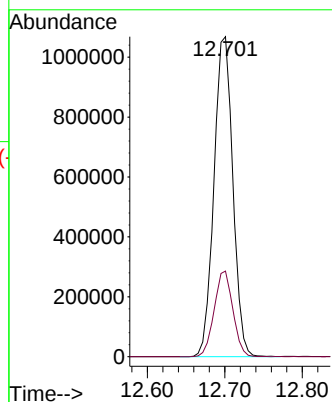
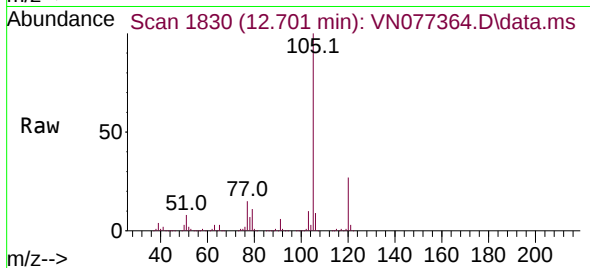
120 26.5 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#74

N-ethyl acetate

Concen: 38.034 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

Tgt Ion: 43 Resp: 563838

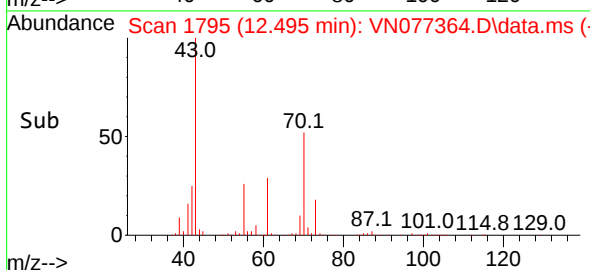
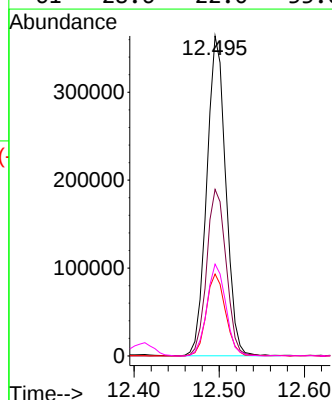
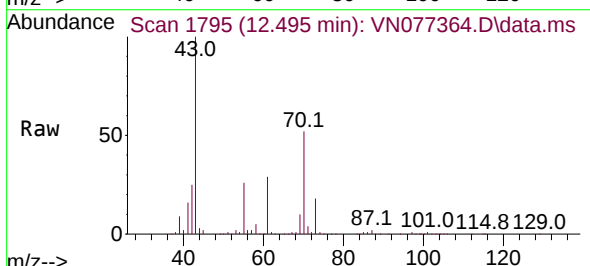
Ion Ratio Lower Upper

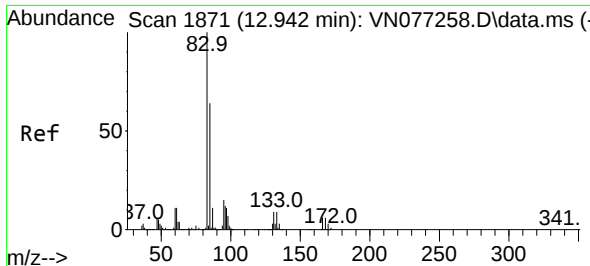
43 100

70 53.6 41.0 61.6

55 25.9 19.3 28.9

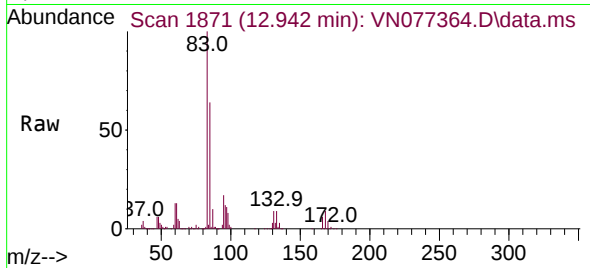
61 28.6 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 43.703 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

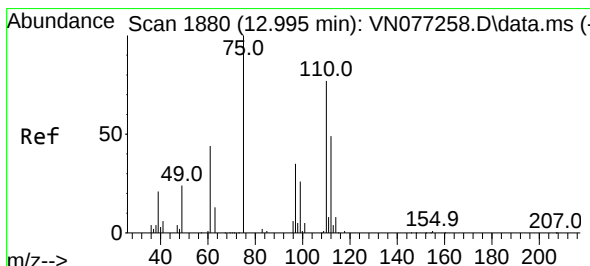
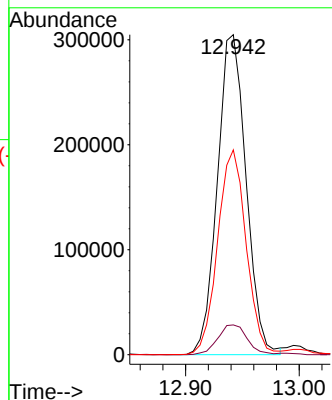
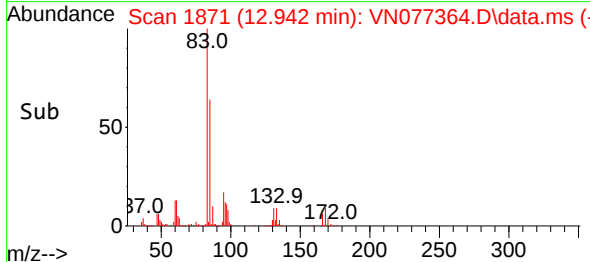
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



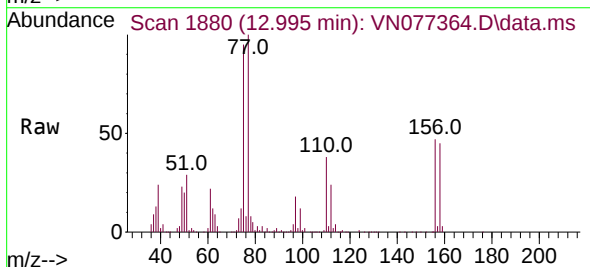
Tgt Ion: 83 Resp: 536498
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 63.5 32.1 96.3

Manual Integrations
APPROVED

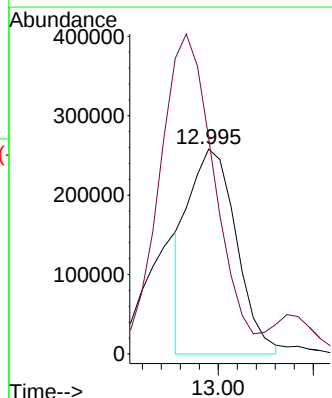
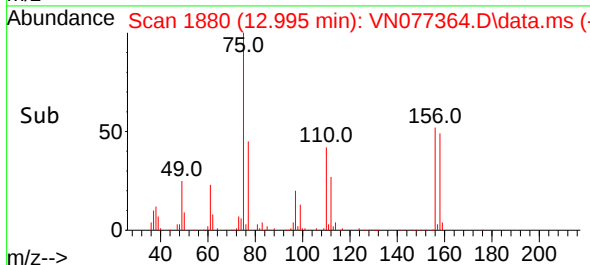
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

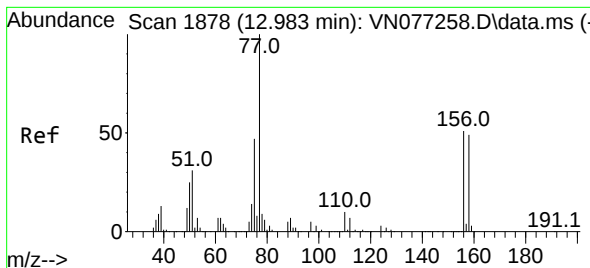


#76
1,2,3-Trichloropropane
Concen: 47.035 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion: 75 Resp: 451085
Ion Ratio Lower Upper
75 100
77 180.1 88.3 264.9





#77

Bromobenzene

Concen: 47.492 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077364.D

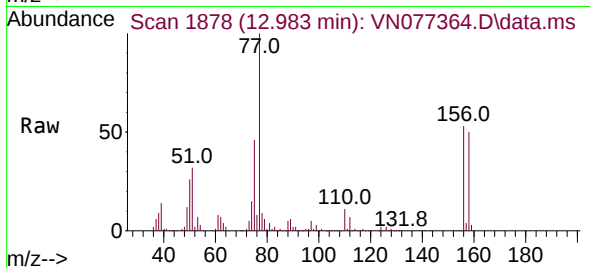
Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 377740

Ion Ratio Lower Upper

156 100

77 215.1 115.3 345.8

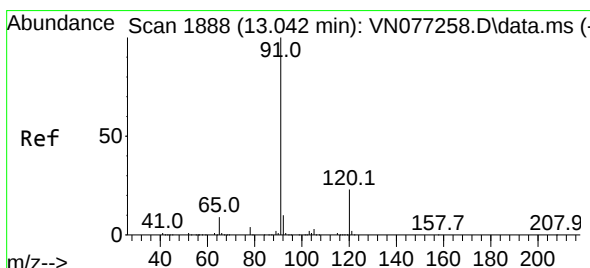
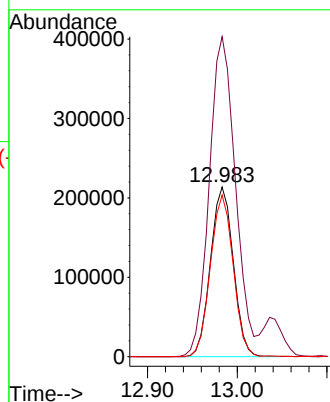
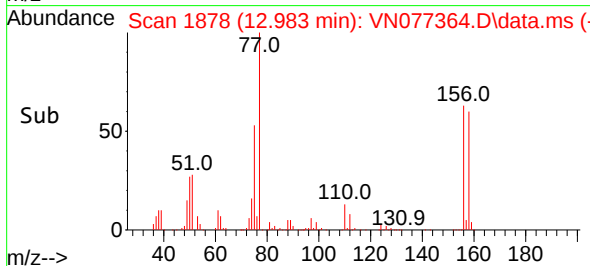
158 95.0 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#78

n-propylbenzene

Concen: 47.042 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077364.D

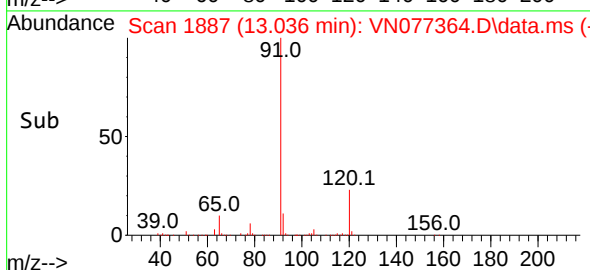
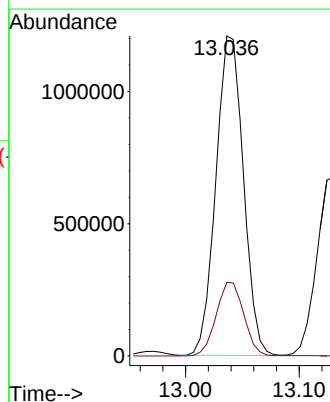
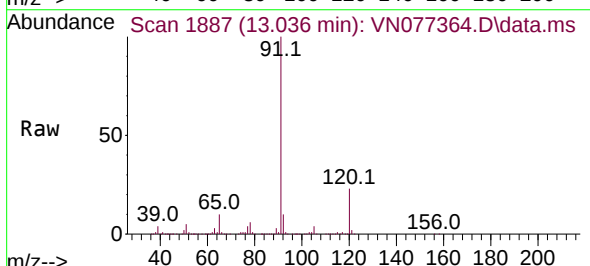
Acq: 17 Apr 2023 18:09

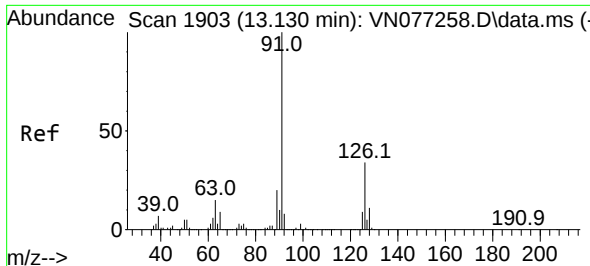
Tgt Ion: 91 Resp: 2033273

Ion Ratio Lower Upper

91 100

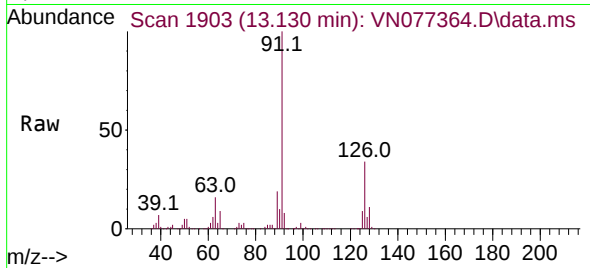
120 23.1 11.5 34.5





#79
2-Chlorotoluene
Concen: 45.819 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

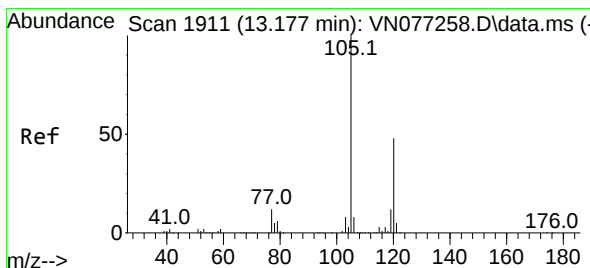
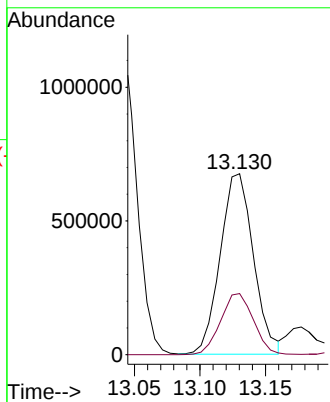
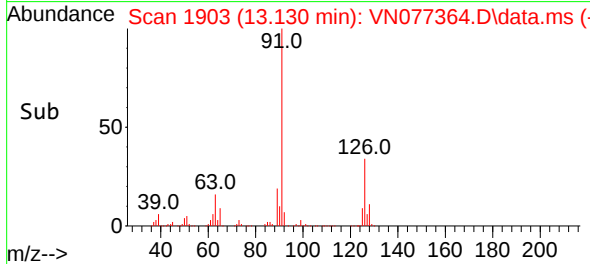
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 119245
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4

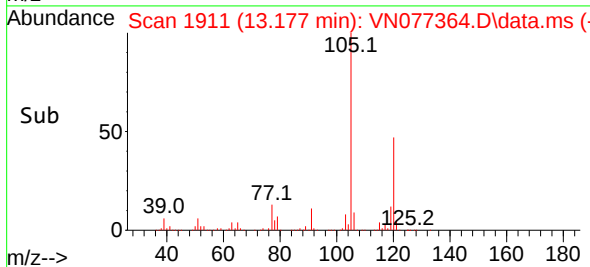
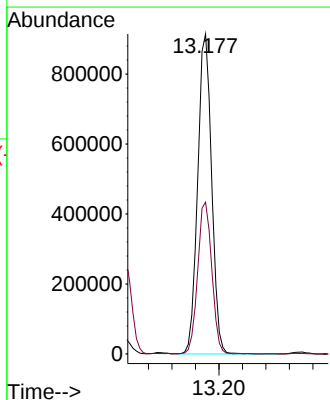
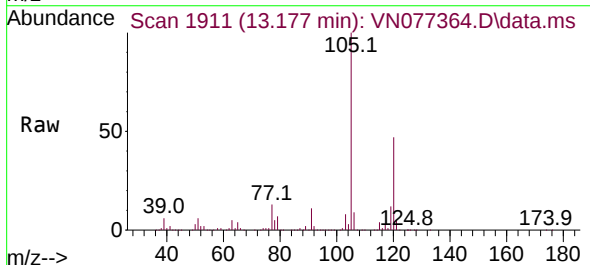
Manual Integrations
APPROVED

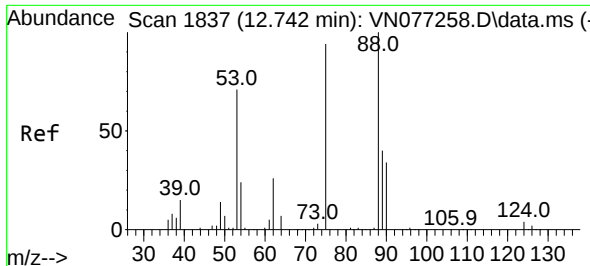
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.149 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

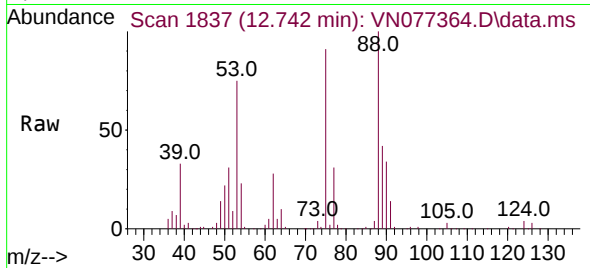
Tgt Ion:105 Resp: 1504361
Ion Ratio Lower Upper
105 100
120 48.0 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.797 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

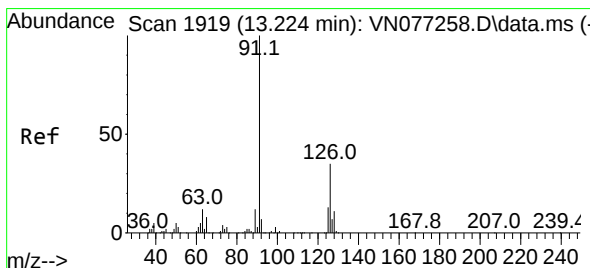
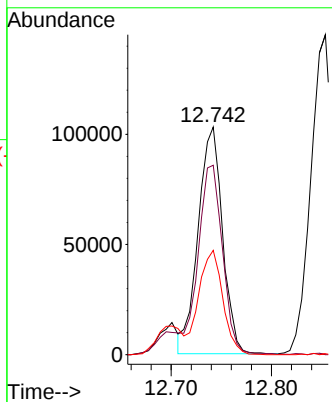
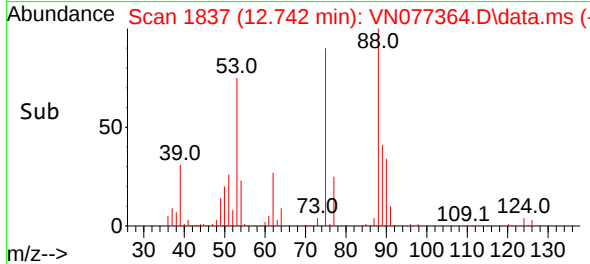
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 173860
Ion Ratio Lower Upper
75 100
53 94.1 72.8 109.2
89 45.8 37.4 56.2

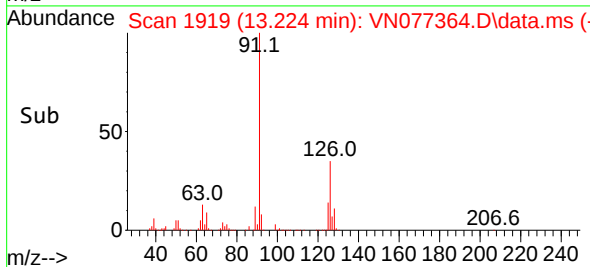
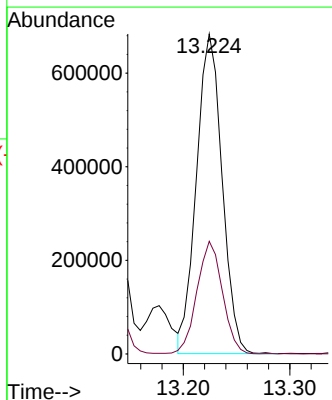
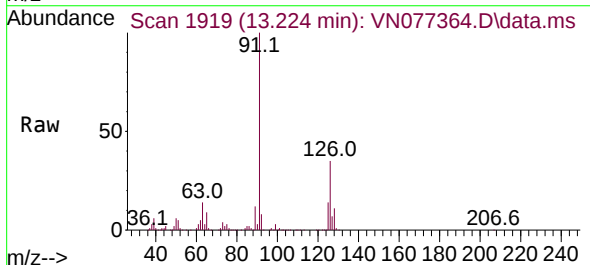
Manual Integrations
APPROVED

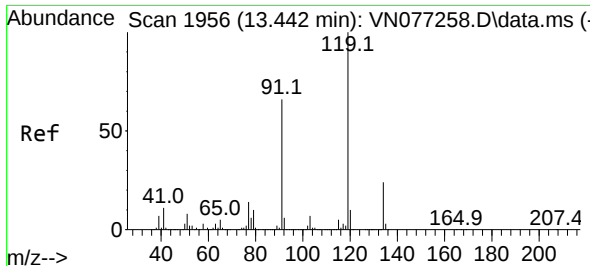
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 46.611 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 91 Resp: 1143741
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7





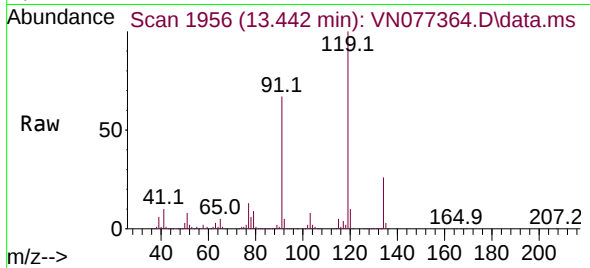
#83
tert-Butylbenzene
Concen: 46.249 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



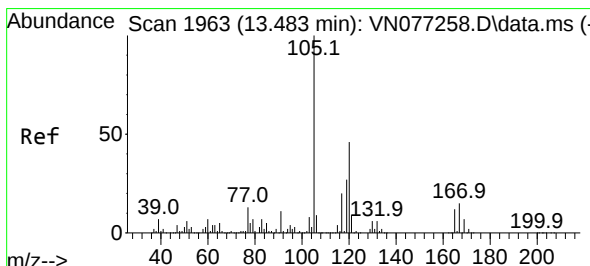
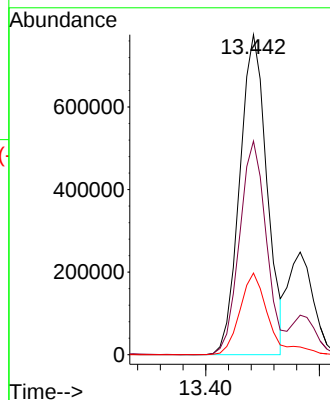
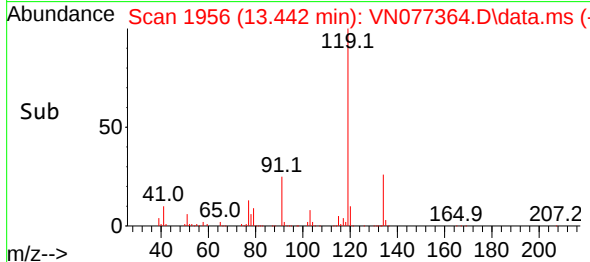
Tgt Ion:119 Resp: 1286199
Ion Ratio Lower Upper
119 100
91 66.8 33.5 100.4
134 27.0 13.3 39.9

Manual Integrations

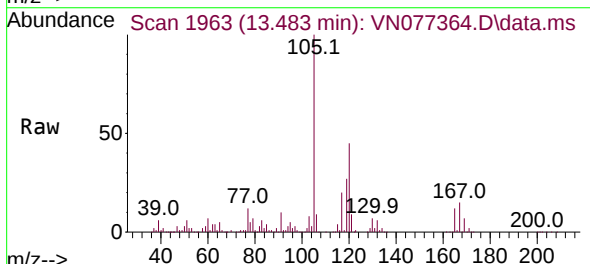
APPROVED

Reviewed By :John Carlone 04/18/2023

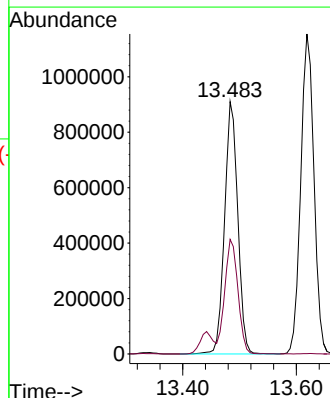
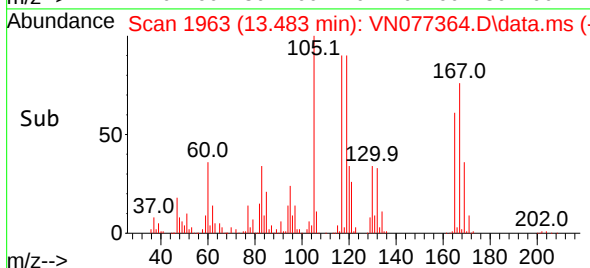
Supervised By :Mahesh Dadoda 04/18/2023

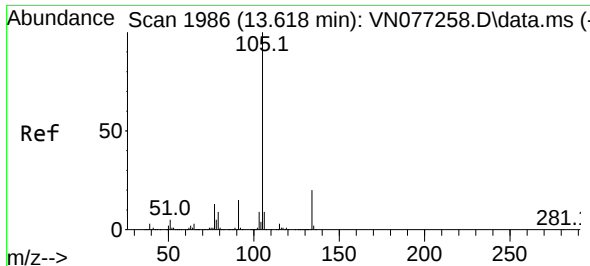


#84
1,2,4-Trimethylbenzene
Concen: 47.781 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



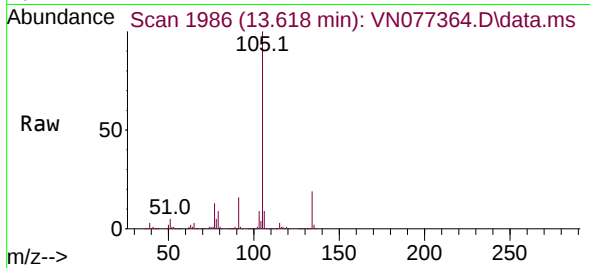
Tgt Ion:105 Resp: 1474834
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 47.947 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

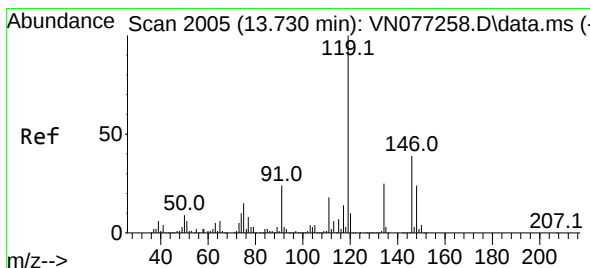
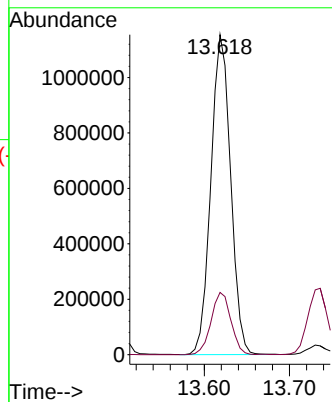
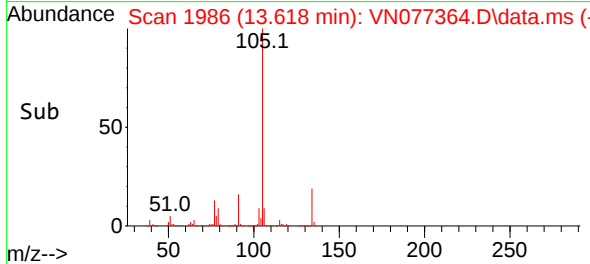
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



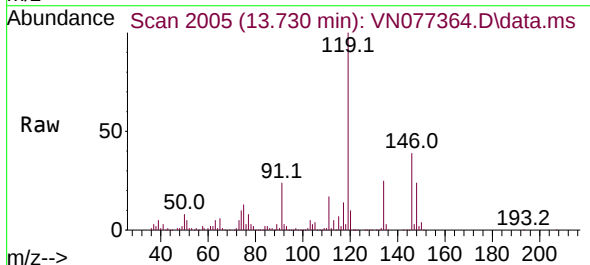
Tgt Ion:105 Resp: 1858299
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

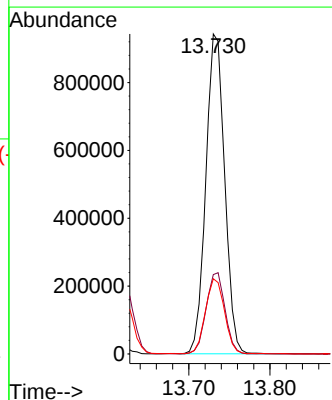
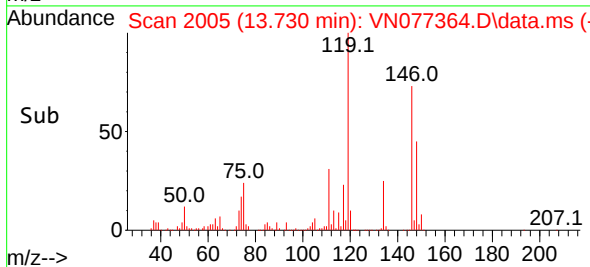
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

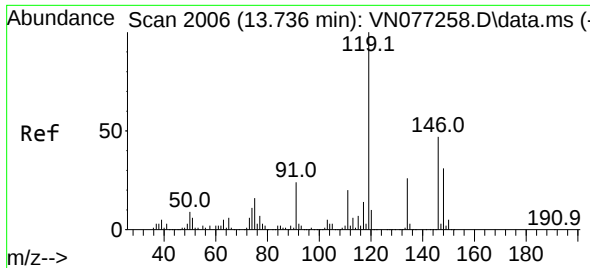


#86
 p-Isopropyltoluene
 Concen: 49.764 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09



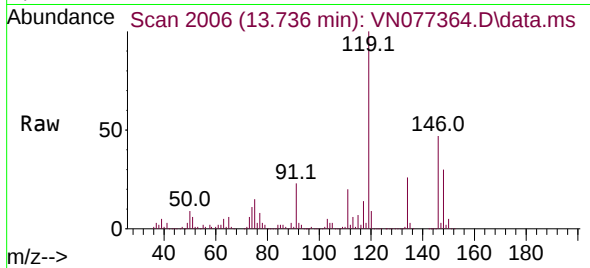
Tgt Ion:119 Resp: 1515827
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 23.8 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 48.474 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

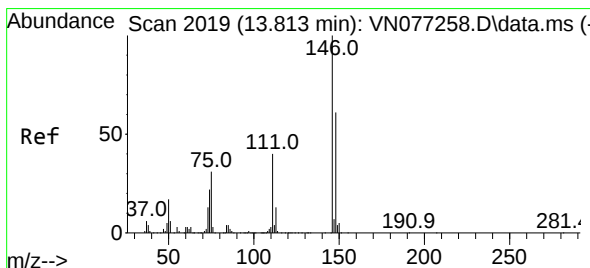
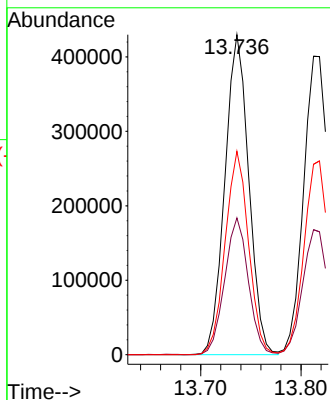
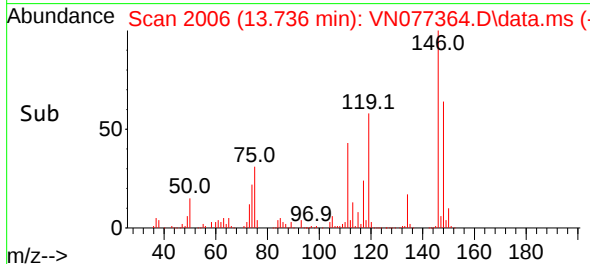
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 713304
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.4
 148 62.2 31.7 95.1

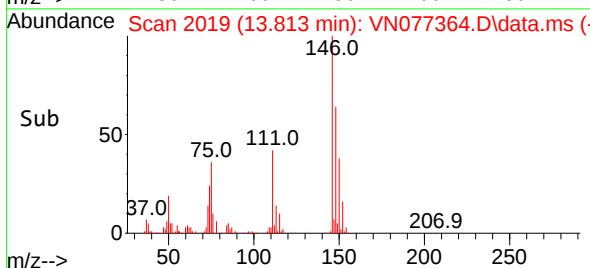
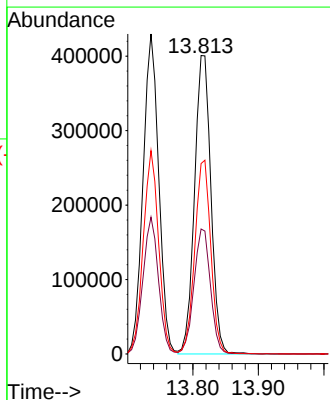
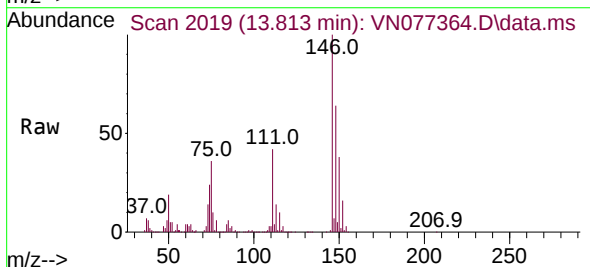
Manual Integrations
 APPROVED

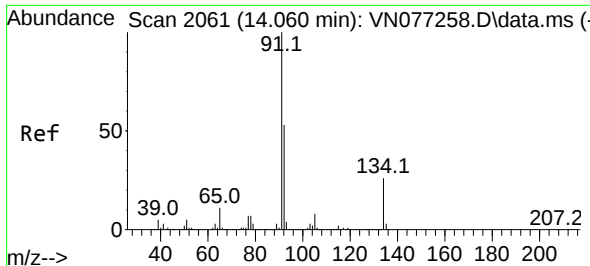
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#88
 1,4-Dichlorobenzene
 Concen: 48.159 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077364.D
 Acq: 17 Apr 2023 18:09

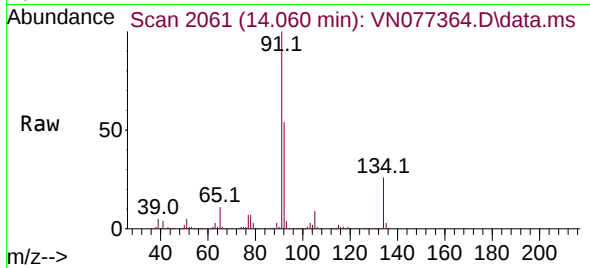
Tgt Ion:146 Resp: 698857
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 63.5 31.6 95.0





#89
n-Butylbenzene
Concen: 49.532 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

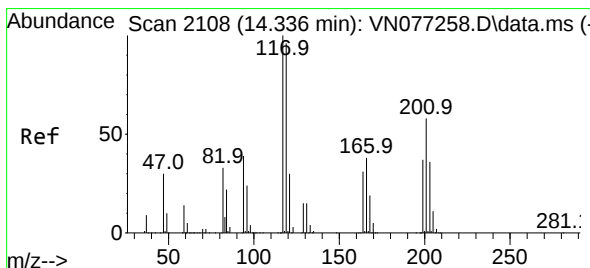
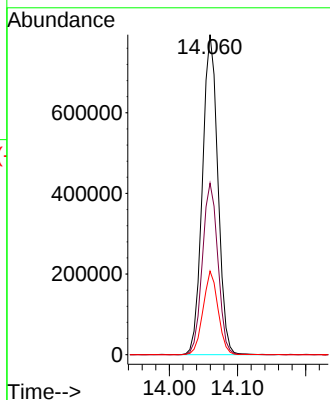
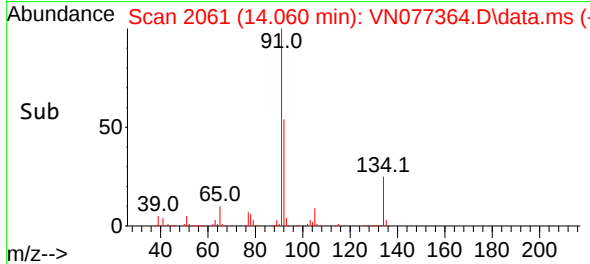
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1252509
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 25.4 12.8 38.3

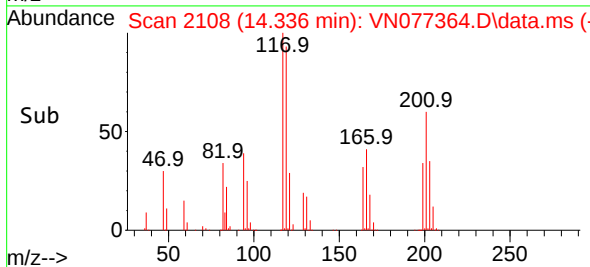
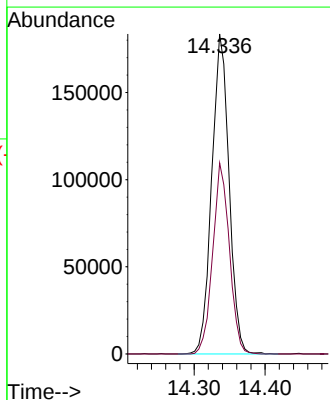
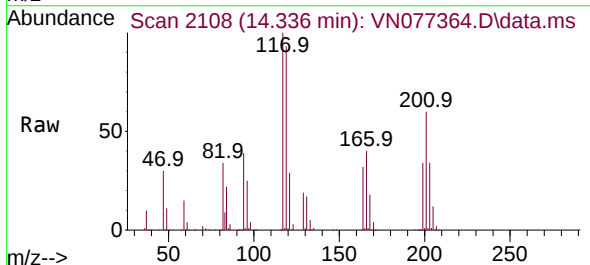
Manual Integrations
APPROVED

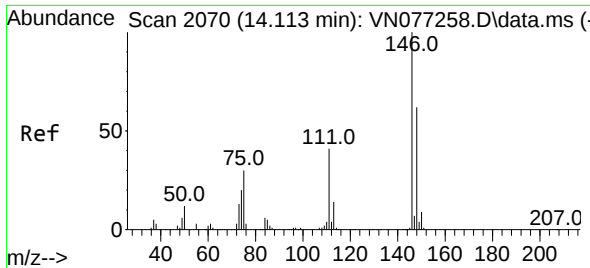
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#90
Hexachloroethane
Concen: 46.491 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion:117 Resp: 309629
Ion Ratio Lower Upper
117 100
201 57.6 29.8 89.5





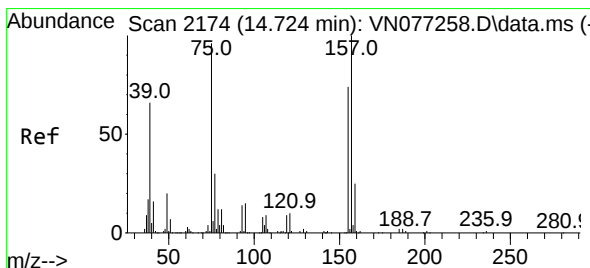
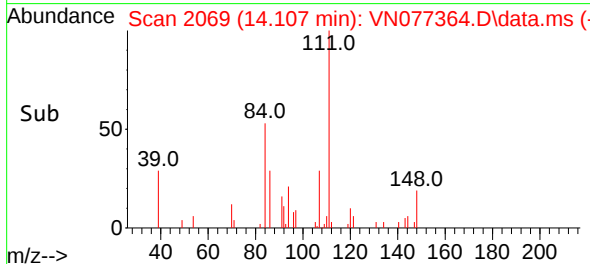
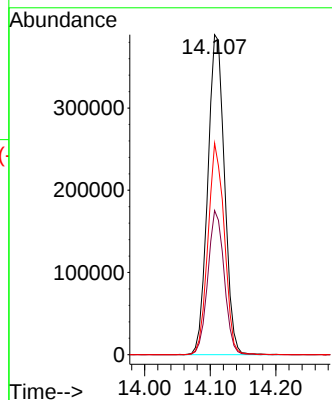
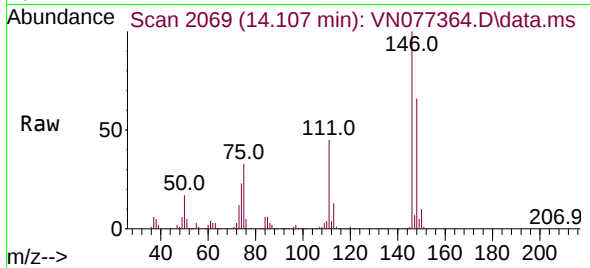
#91
1,2-Dichlorobenzene
Concen: 47.073 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 692960
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 64.2 31.9 95.5

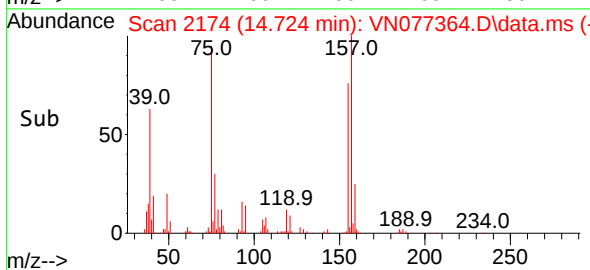
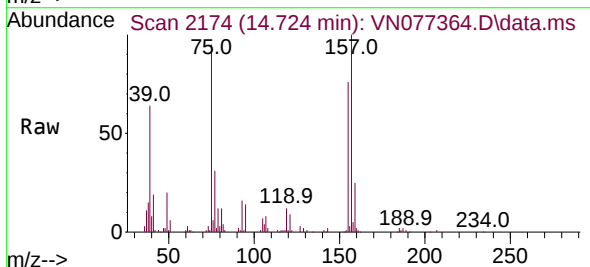
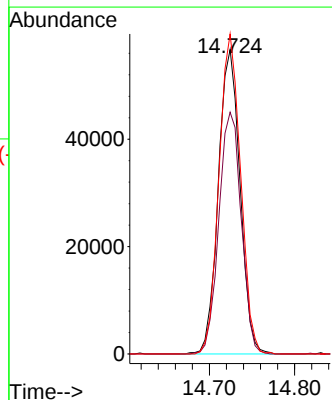
Manual Integrations
APPROVED

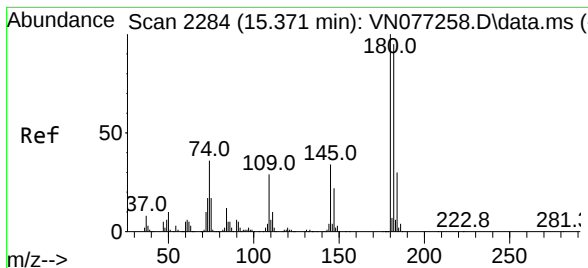
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.062 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

Tgt Ion: 75 Resp: 100184
Ion Ratio Lower Upper
75 100
155 82.0 41.0 123.2
157 104.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.830 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077364.D

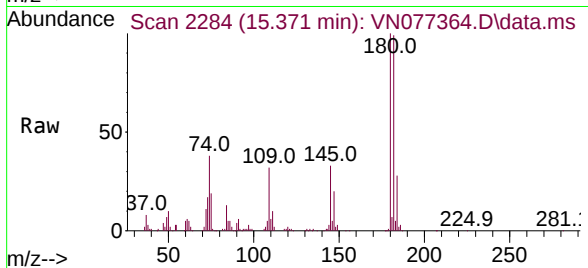
Acq: 17 Apr 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 264800

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.0

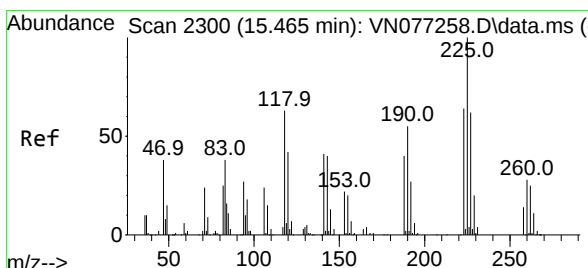
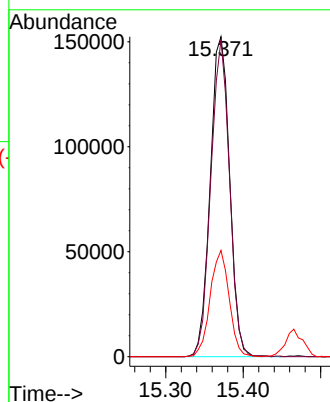
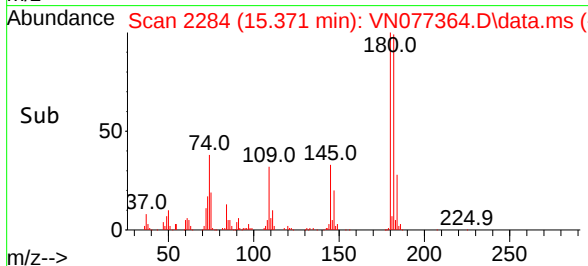
145 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#94

Hexachlorobutadiene

Concen: 45.681 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077364.D

Acq: 17 Apr 2023 18:09

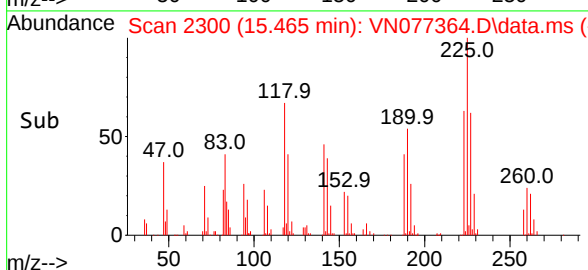
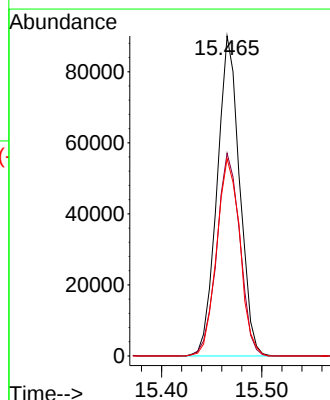
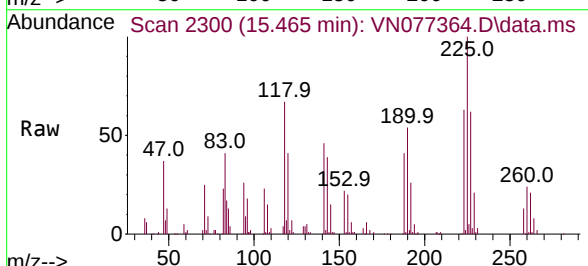
Tgt Ion:225 Resp: 140518

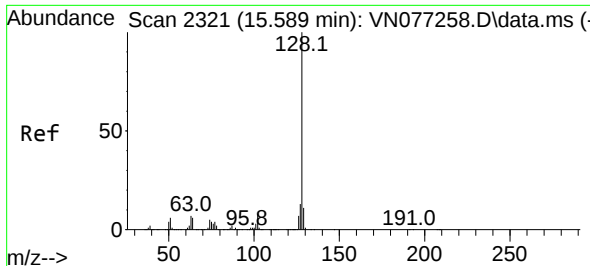
Ion Ratio Lower Upper

225 100

223 65.0 31.7 95.1

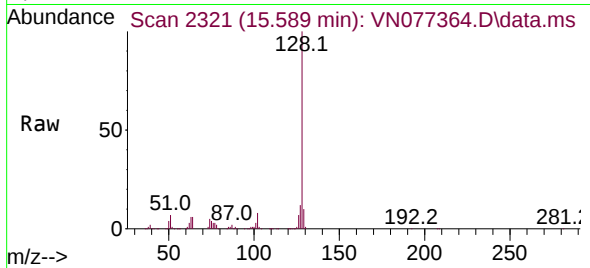
227 63.7 31.2 93.6





#95
Naphthalene
Concen: 50.408 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09

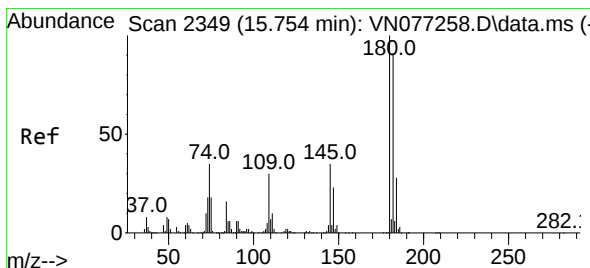
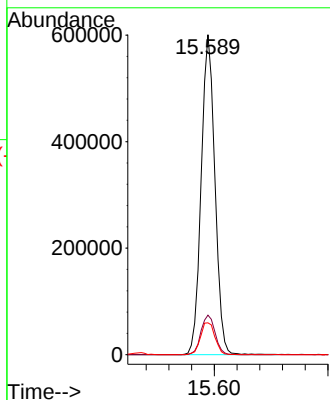
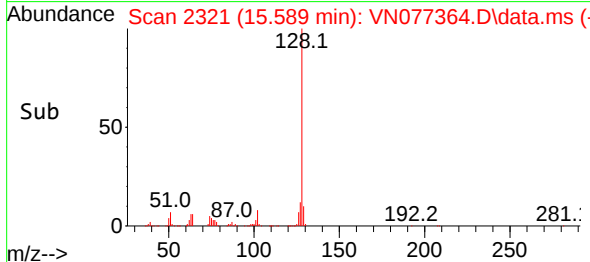
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



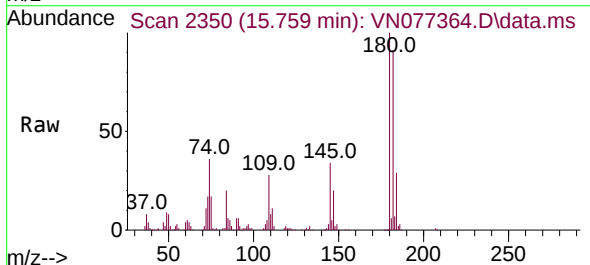
Tgt Ion:128 Resp: 100628
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.521 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077364.D
Acq: 17 Apr 2023 18:09



Tgt Ion:180 Resp: 241548
Ion Ratio Lower Upper
180 100
182 96.3 46.9 140.8
145 35.9 17.6 52.8

