

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077864.D
 Acq On : 24 May 2023 20:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	408446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	737085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	644308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287595	47.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.120%		
35) Dibromofluoromethane	8.177	113	252517	52.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.080%		
50) Toluene-d8	10.577	98	932515	50.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.853	95	315944	48.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	213400	45.908	ug/l	99
3) Chloromethane	2.371	50	232979	47.171	ug/l	96
4) Vinyl Chloride	2.518	62	304004	51.872	ug/l	96
5) Bromomethane	2.954	94	219102	50.549	ug/l	98
6) Chloroethane	3.118	64	215004	50.905	ug/l	96
7) Trichlorofluoromethane	3.501	101	420911	51.535	ug/l	98
8) Diethyl Ether	3.971	74	146638	49.179	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	228587	50.573	ug/l	97
10) Methyl Iodide	4.595	142	326269	60.527	ug/l	97
11) Tert butyl alcohol	5.530	59	200324	237.511	ug/l	98
12) 1,1-Dichloroethene	4.348	96	222489	51.790	ug/l	87
13) Acrolein	4.189	56	123415	233.284	ug/l	97
14) Allyl chloride	5.030	41	291518	46.193	ug/l	94
15) Acrylonitrile	5.730	53	552464	245.177	ug/l	99
16) Acetone	4.436	43	430701	224.005	ug/l	96
17) Carbon Disulfide	4.718	76	562801	48.622	ug/l	99
18) Methyl Acetate	5.036	43	388150	48.121	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	776312	49.925	ug/l	93
20) Methylene Chloride	5.283	84	269730	54.058	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	247388	51.266	ug/l	86
22) Diisopropyl ether	6.689	45	731421	49.446	ug/l	92
23) Vinyl Acetate	6.612	43	2222555	242.503	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	461505	50.925	ug/l	97
25) 2-Butanone	7.489	43	696395	231.535	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	349949	45.452	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	305244	52.755	ug/l	95
28) Bromochloromethane	7.818	49	191978	48.982	ug/l	93
29) Tetrahydrofuran	7.847	42	459302	233.215	ug/l	86
30) Chloroform	7.971	83	508703	51.028	ug/l	92
31) Cyclohexane	8.265	56	401163	48.297	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	458568	54.104	ug/l	98
36) 1,1-Dichloropropene	8.377	75	372756	53.022	ug/l	98
37) Ethyl Acetate	7.565	43	293037	46.766	ug/l	95
38) Carbon Tetrachloride	8.371	117	401730	56.590	ug/l	97
39) Methylcyclohexane	9.606	83	451556	52.465	ug/l	92
40) Benzene	8.612	78	1113323	53.665	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	156400	46.868	ug/l	92
42) 1,2-Dichloroethane	8.677	62	382131	50.707	ug/l	97
43) Isopropyl Acetate	8.694	43	503834	49.227	ug/l	96
44) Trichloroethene	9.359	130	306507	58.349	ug/l	99
45) 1,2-Dichloropropane	9.630	63	278867	52.699	ug/l	93
46) Dibromomethane	9.712	93	198898	52.527	ug/l	93
47) Bromodichloromethane	9.894	83	395357	54.537	ug/l	99
48) Methyl methacrylate	9.688	41	230205	47.440	ug/l	92
49) 1,4-Dioxane	9.700	88	99553	1086.202	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1519746	249.803	ug/l	94
52) Toluene	10.635	92	715808	55.423	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	408779	53.248	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	446640	52.795	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	275627	53.748	ug/l	95
56) Ethyl methacrylate	10.882	69	413916	53.383	ug/l	94
57) 1,3-Dichloropropane	11.171	76	461202	52.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	841814	220.685	ug/l	94
59) 2-Hexanone	11.200	43	1089444	242.102	ug/l	92
60) Dibromochloromethane	11.365	129	301993	57.044	ug/l	99
61) 1,2-Dibromoethane	11.477	107	287799	56.255	ug/l	98
64) Tetrachloroethene	11.112	164	278929	61.904	ug/l	96
65) Chlorobenzene	11.900	112	774419	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	287134	59.411	ug/l	99
67) Ethyl Benzene	11.971	91	1387756	55.441	ug/l	99
68) m/p-Xylenes	12.077	106	1074782	113.320	ug/l	100
69) o-Xylene	12.406	106	522046	55.969	ug/l	97
70) Styrene	12.418	104	845263	57.045	ug/l	99
71) Bromoform	12.588	173	193015	60.034	ug/l #	99
73) Isopropylbenzene	12.706	105	1372307	56.274	ug/l	98
74) N-amyl acetate	12.500	43	415540	46.100	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	373894	49.838	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	334092m	47.156	ug/l	
77) Bromobenzene	12.988	156	300242	53.951	ug/l	97
78) n-propylbenzene	13.041	91	1576983	54.852	ug/l	99
79) 2-Chlorotoluene	13.129	91	928435	54.119	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1157016	56.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	104222	47.022	ug/l	90
82) 4-Chlorotoluene	13.229	91	885473	51.876	ug/l	97
83) tert-Butylbenzene	13.447	119	991701	55.425	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1140751	56.593	ug/l	98
85) sec-Butylbenzene	13.623	105	1399415	55.033	ug/l	100
86) p-Isopropyltoluene	13.735	119	1160947	57.267	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	546564	53.107	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	525908	51.495	ug/l	98
89) n-Butylbenzene	14.065	91	962042	51.595	ug/l	98
90) Hexachloroethane	14.341	117	195715	58.768	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	540398	56.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	68188	46.947	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	251092	44.690	ug/l	98
94) Hexachlorobutadiene	15.506	225	113645	48.716	ug/l	99
95) Naphthalene	15.647	128	784311	40.555	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	254304	46.228	ug/l	95

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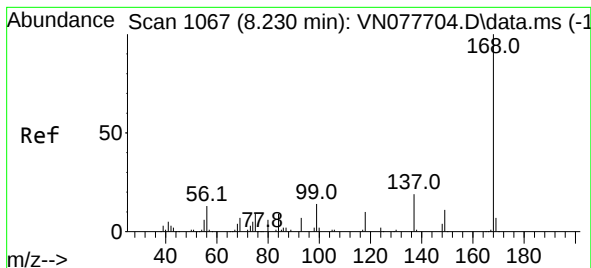
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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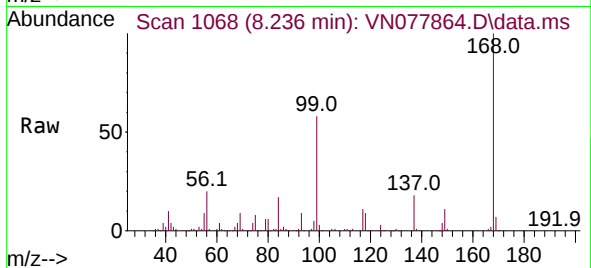
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077864.D
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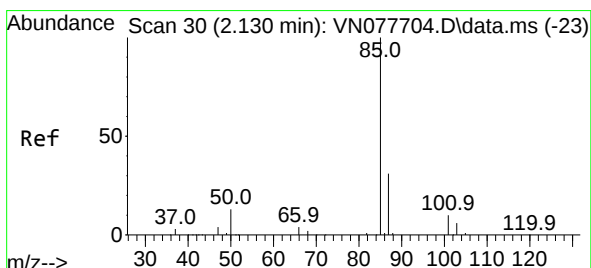
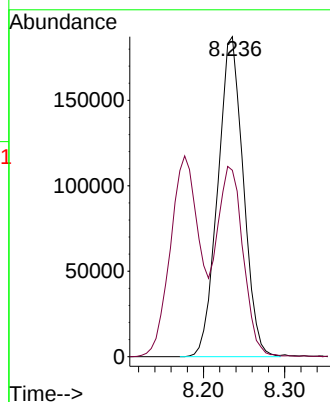
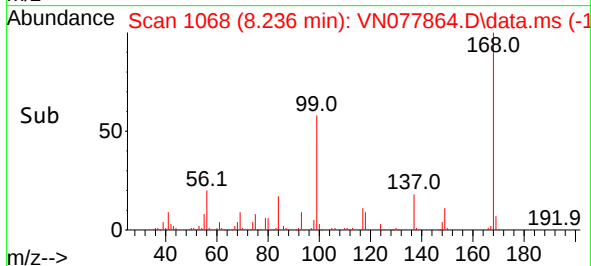
Instrument :
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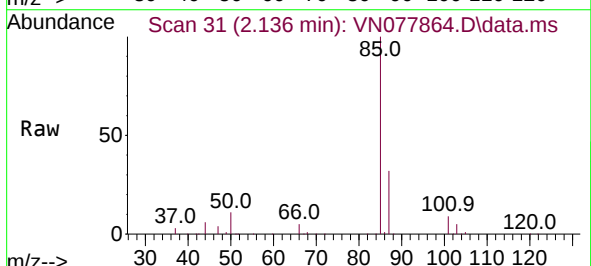
Tgt Ion:168 Resp: 408440
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6

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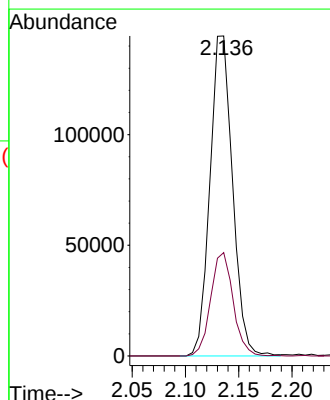
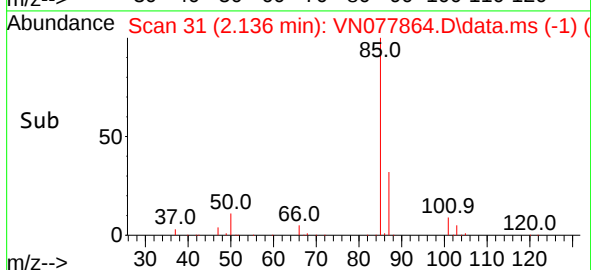
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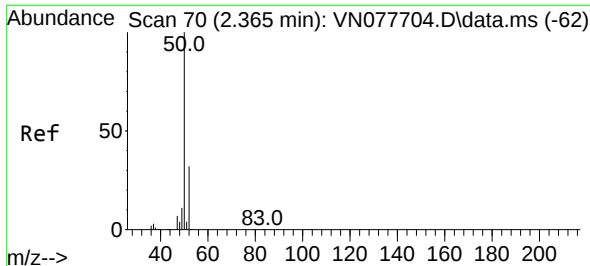


#2
Dichlorodifluoromethane
Concen: 45.908 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



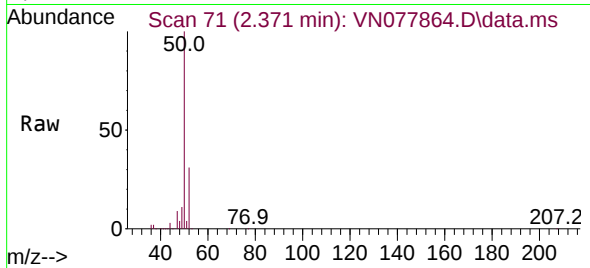
Tgt Ion: 85 Resp: 213400
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#3
Chloromethane
Concen: 47.171 ug/l
RT: 2.371 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

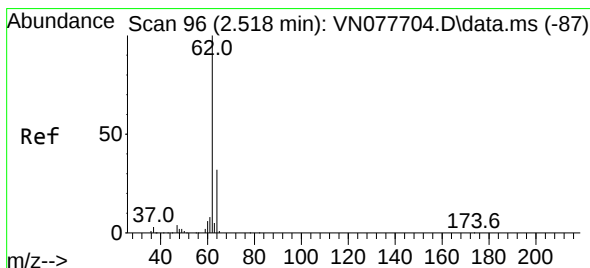
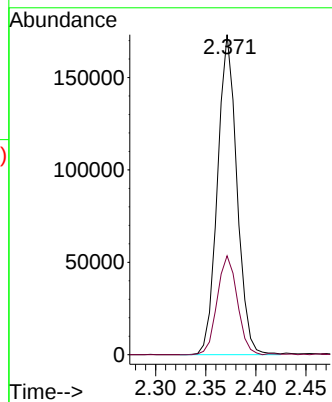
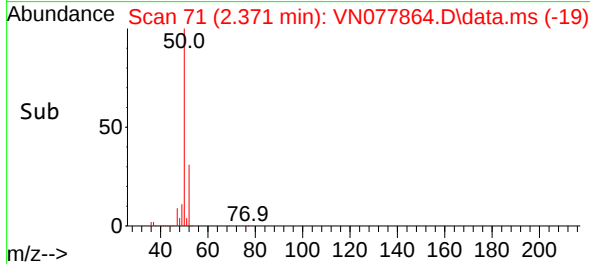
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Tgt Ion: 50 Resp: 232979
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7

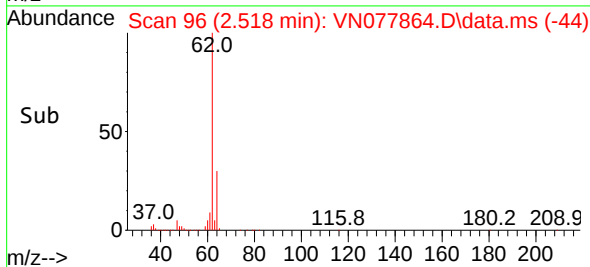
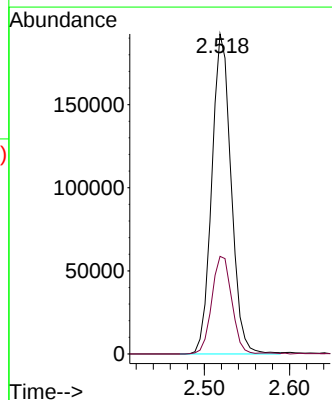
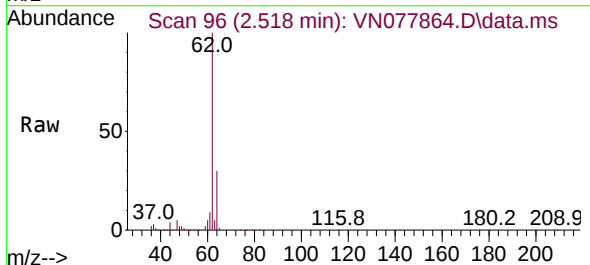
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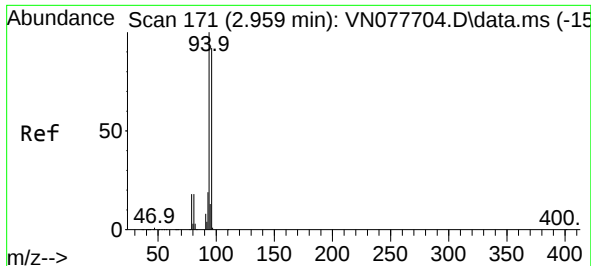
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 51.872 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

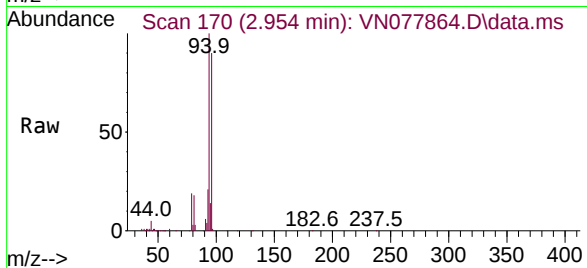
Tgt Ion: 62 Resp: 304004
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5
Bromomethane
Concen: 50.549 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

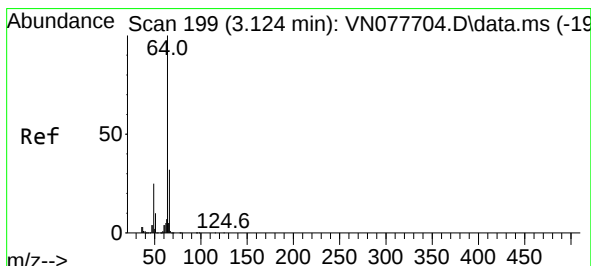
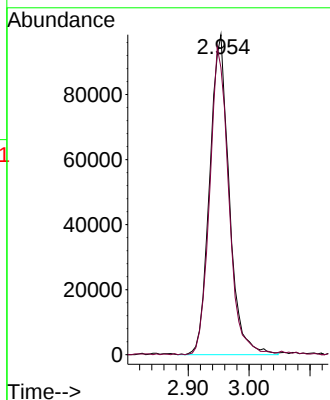
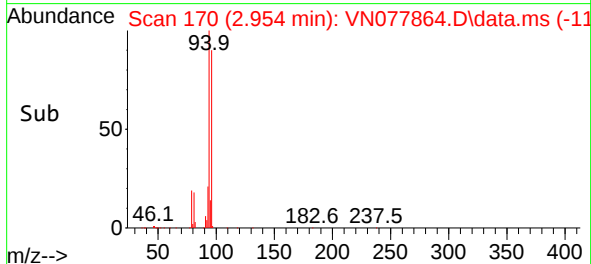
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Tgt Ion: 94 Resp: 21910
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7

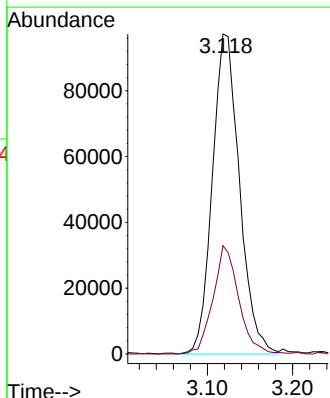
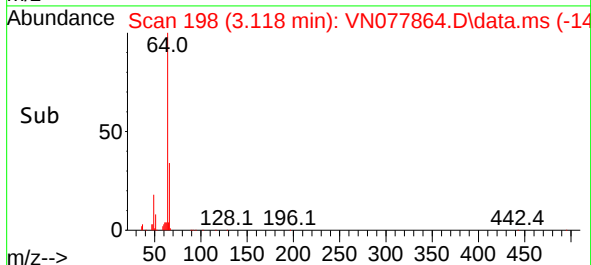
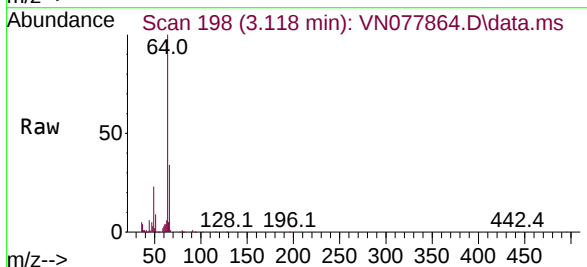
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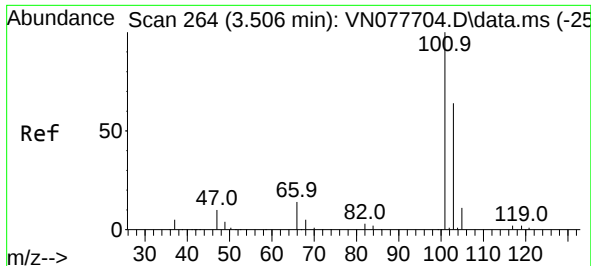
Reviewed By :John Carlone 05/25/2023
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#6
Chloroethane
Concen: 50.905 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077864.D
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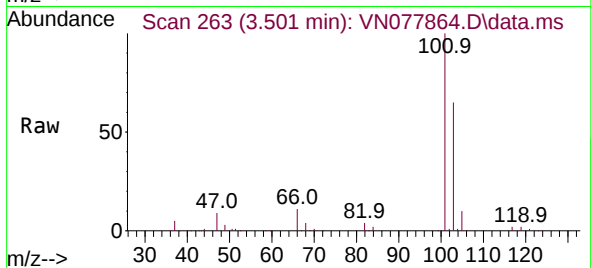
Tgt Ion: 64 Resp: 215004
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.535 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

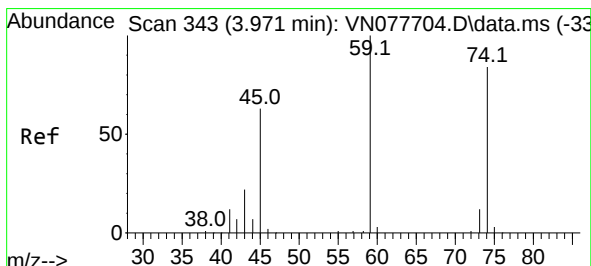
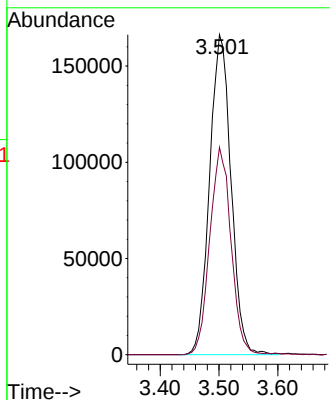
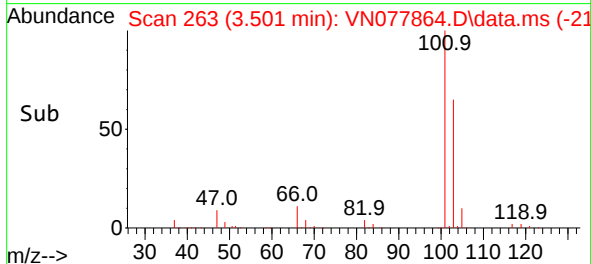
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Tgt Ion:101 Resp: 42091
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

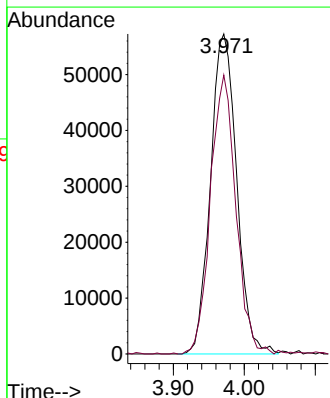
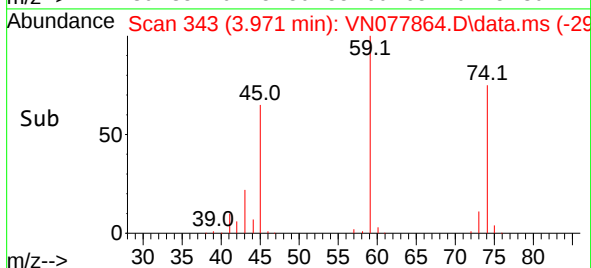
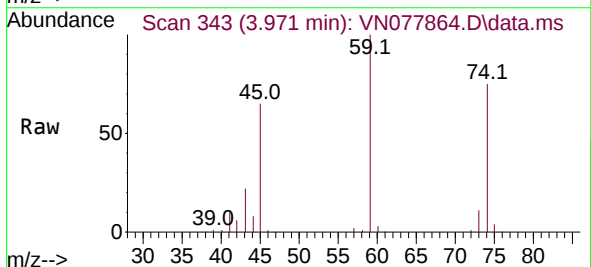
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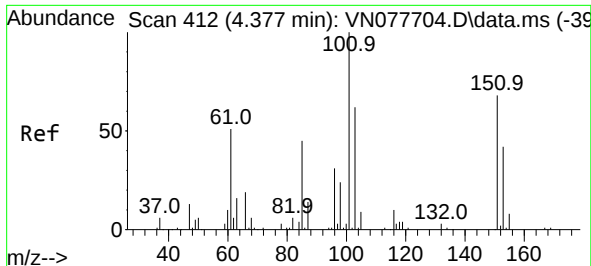
Reviewed By :John Carlone 05/25/2023
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#8
Diethyl Ether
Concen: 49.179 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077864.D
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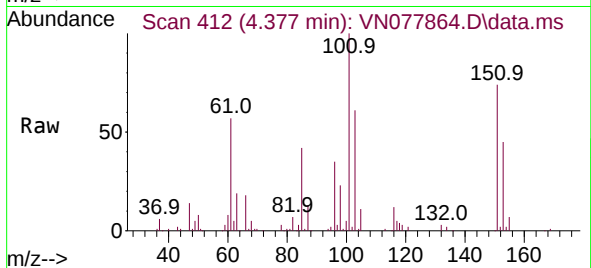
Tgt Ion: 74 Resp: 146638
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.573 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN077864.D
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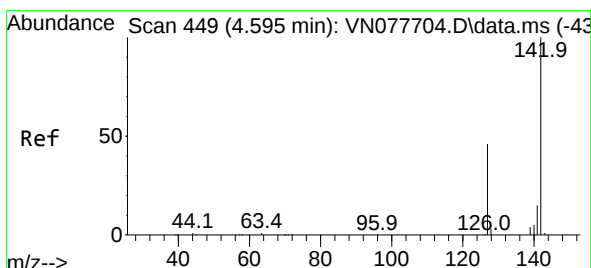
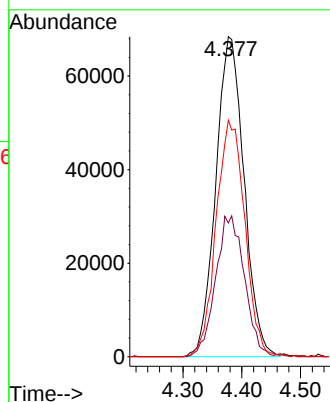
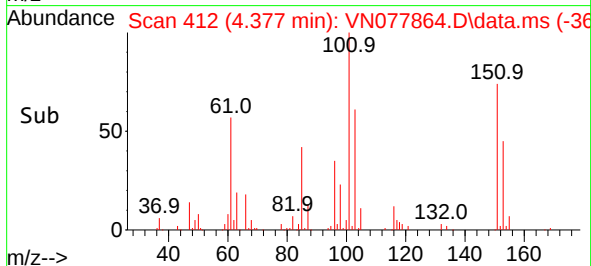
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



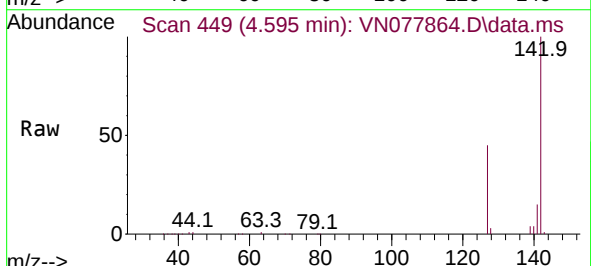
Tgt Ion:101 Resp: 22858
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 75.2 57.6 86.4

Manual Integrations
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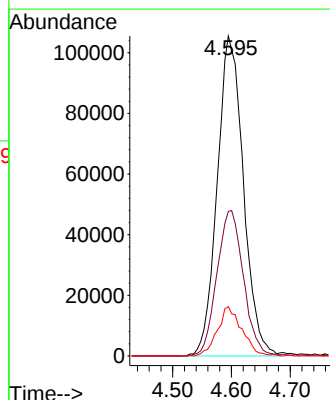
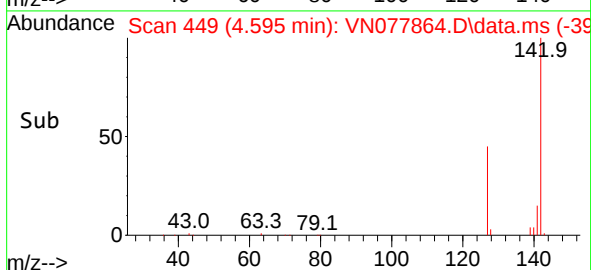
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

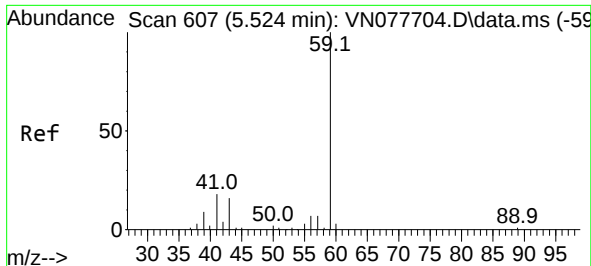


#10
Methyl Iodide
Concen: 60.527 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



Tgt Ion:142 Resp: 326269
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 15.4 11.4 17.0





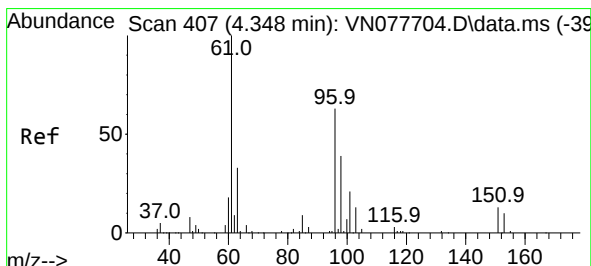
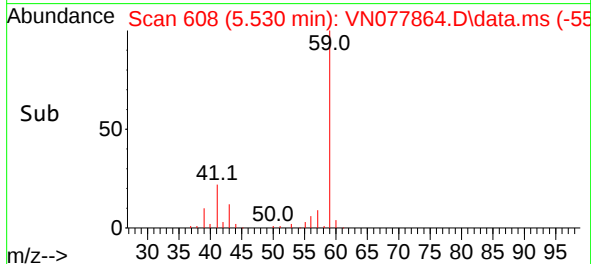
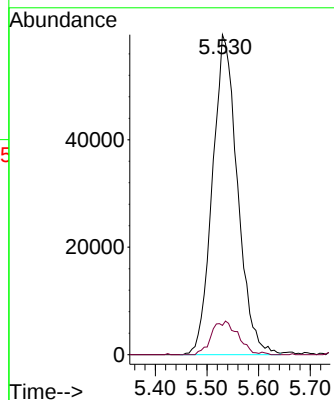
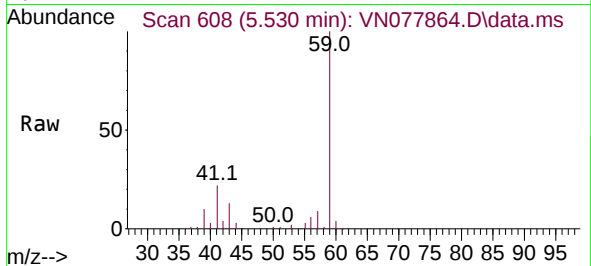
#11
Tert butyl alcohol
Concen: 237.511 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 200324
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

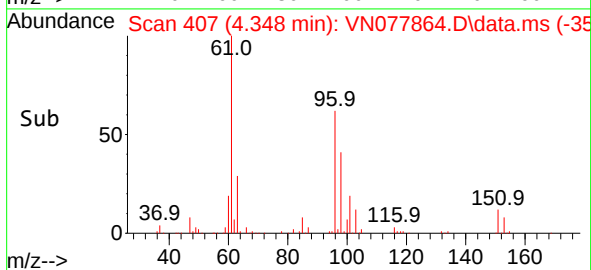
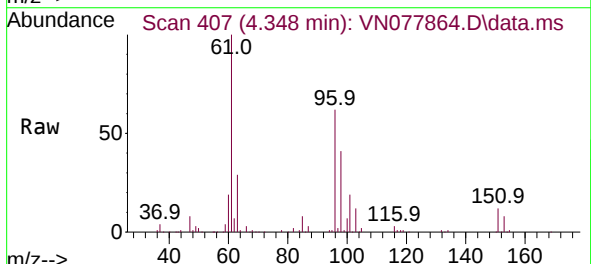
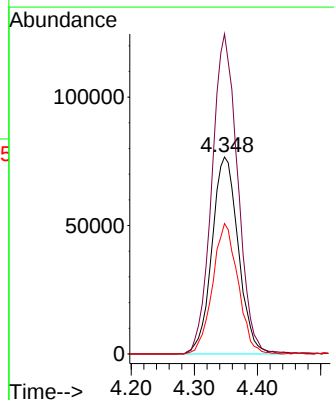
Manual Integrations
APPROVED

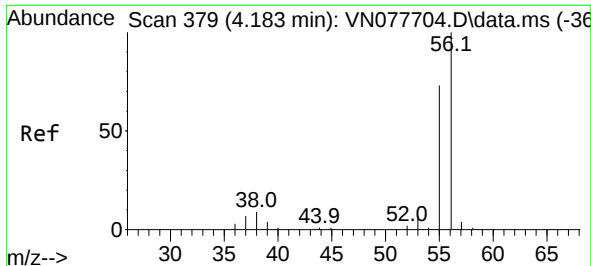
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 51.790 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

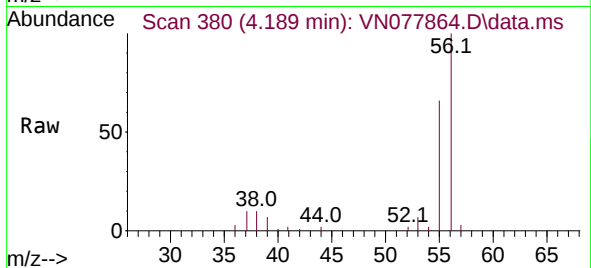
Tgt Ion: 96 Resp: 222489
Ion Ratio Lower Upper
96 100
61 162.2 112.7 169.1
98 66.2 51.2 76.8





#13
Acrolein
Concen: 233.284 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

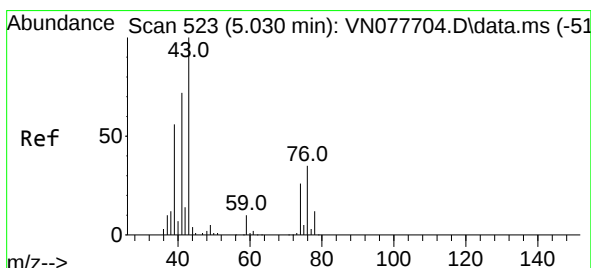
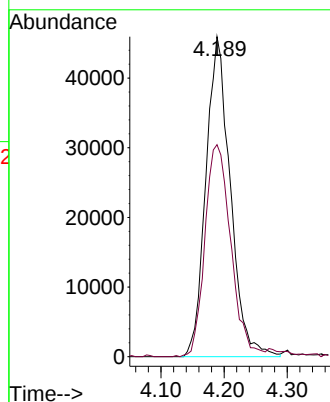
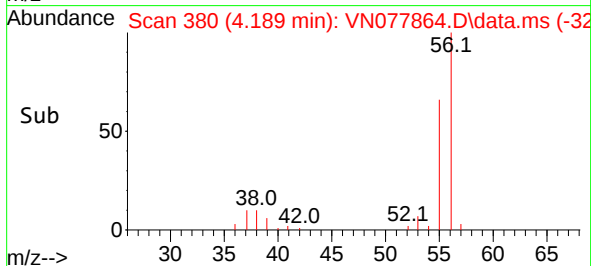
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 123415
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

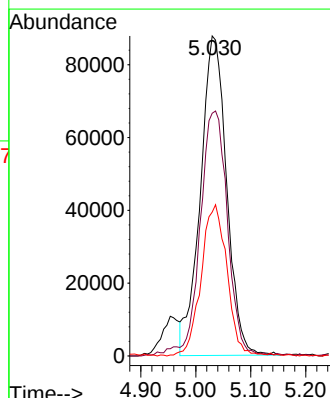
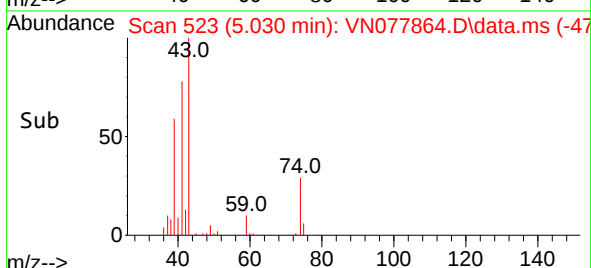
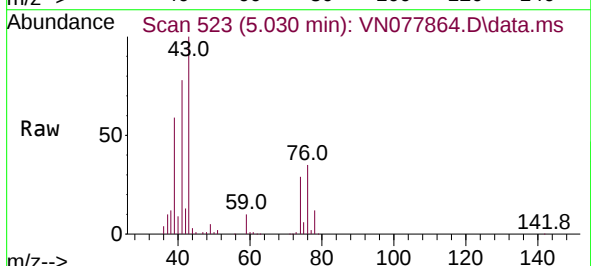
Manual Integrations
APPROVED

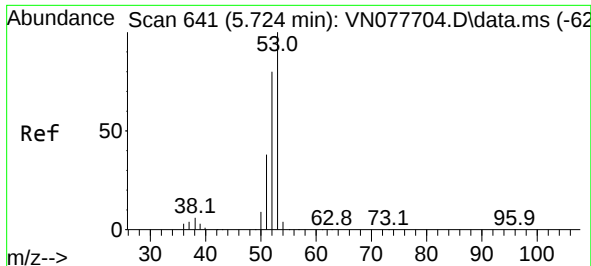
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 46.193 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

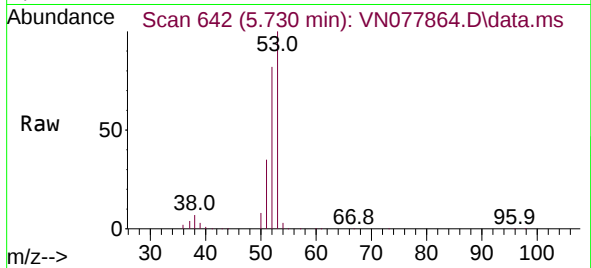
Tgt Ion: 41 Resp: 291518
Ion Ratio Lower Upper
41 100
39 80.1 58.8 88.2
76 46.5 39.1 58.7





#15
Acrylonitrile
Concen: 245.177 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

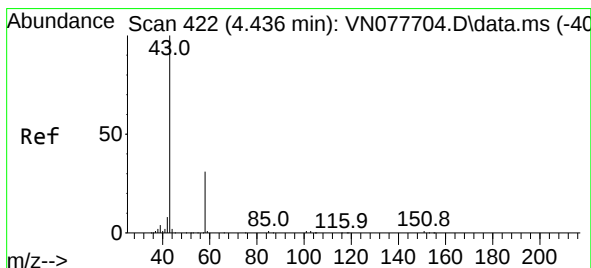
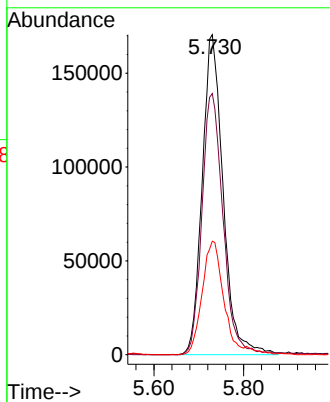
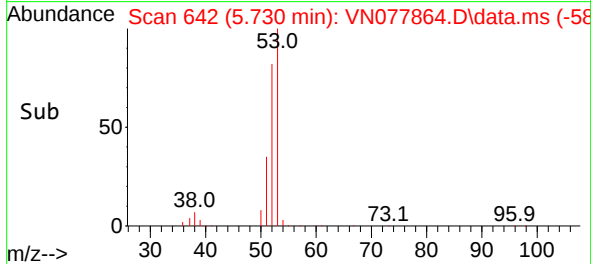
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 552464
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.9 28.9 43.3

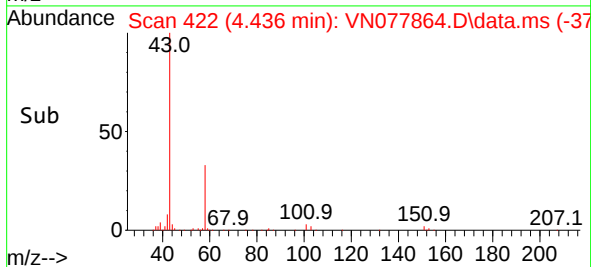
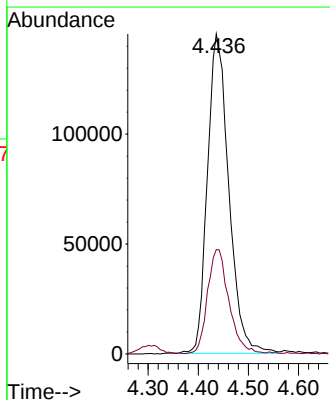
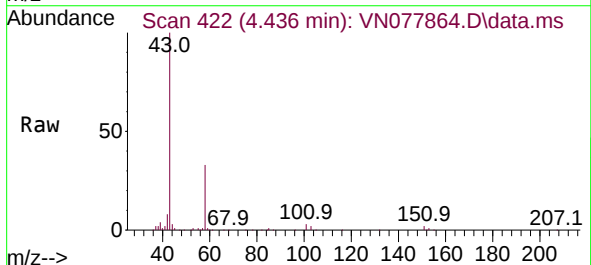
Manual Integrations
APPROVED

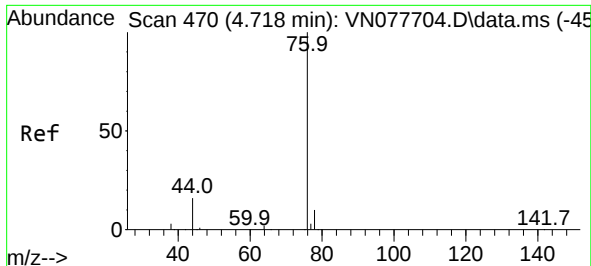
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 224.005 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

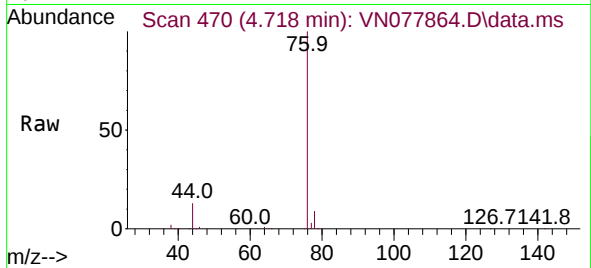
Tgt Ion: 43 Resp: 430701
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 48.622 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

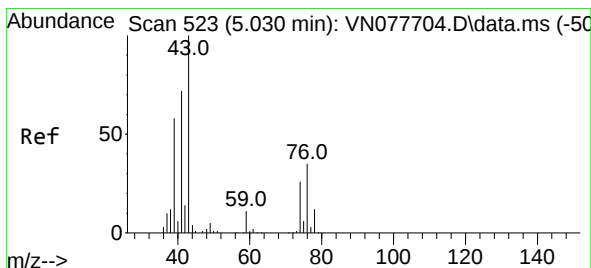
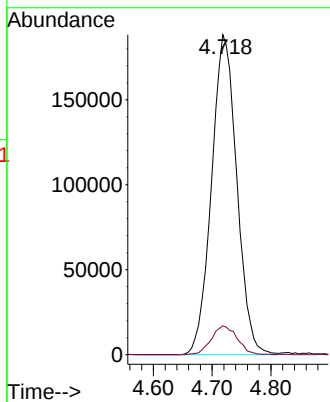
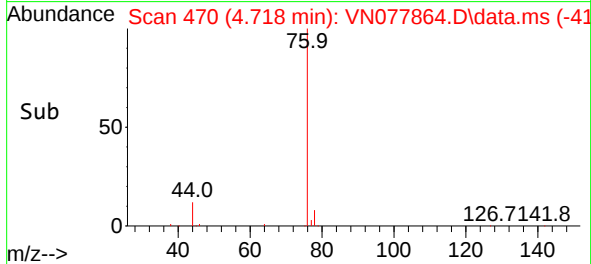
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 56280
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

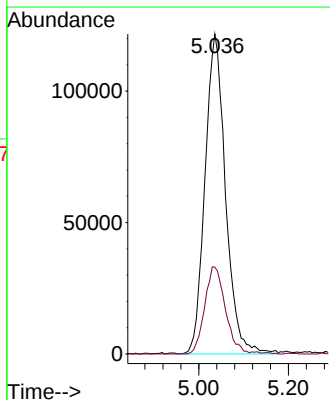
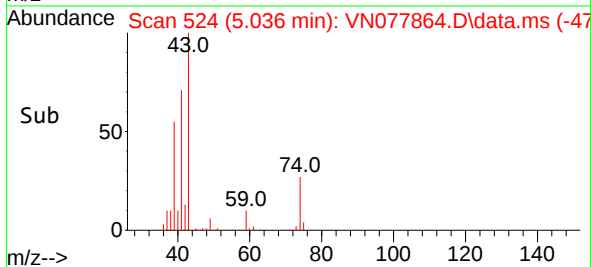
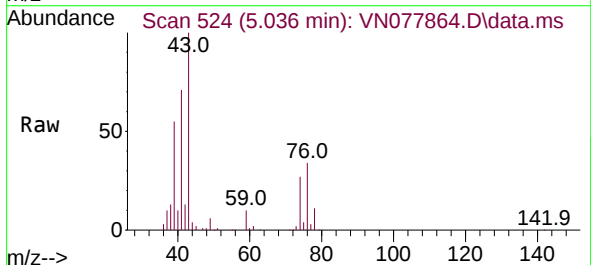
Manual Integrations
APPROVED

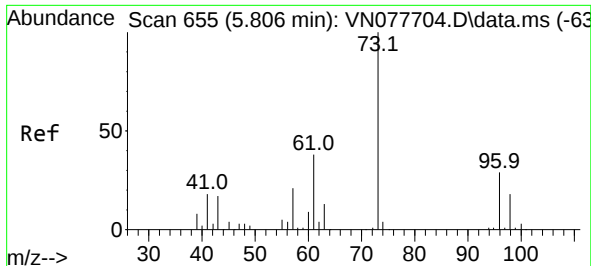
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 48.121 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 43 Resp: 388150
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





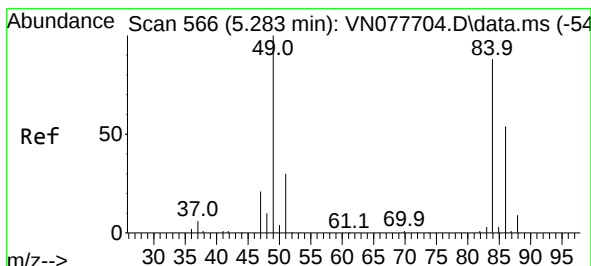
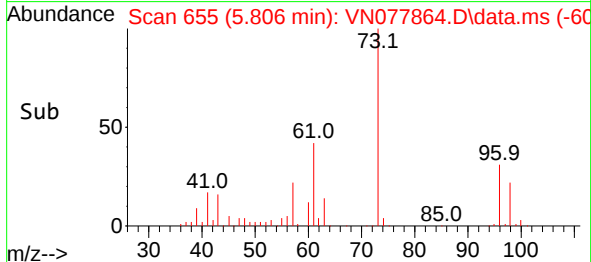
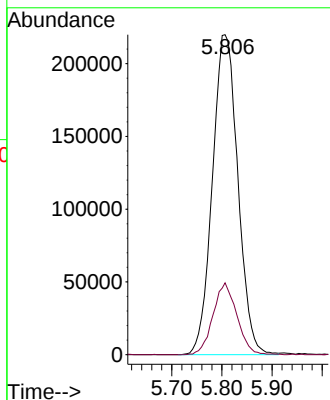
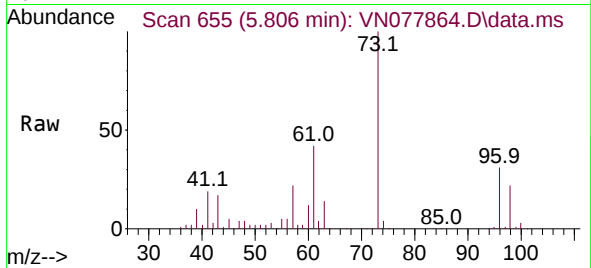
#19
Methyl tert-butyl Ether
Concen: 49.925 ug/l
RT: 5.806 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 776312
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

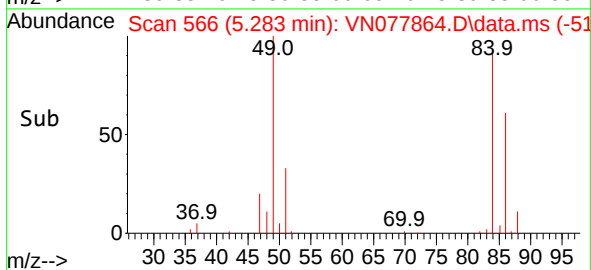
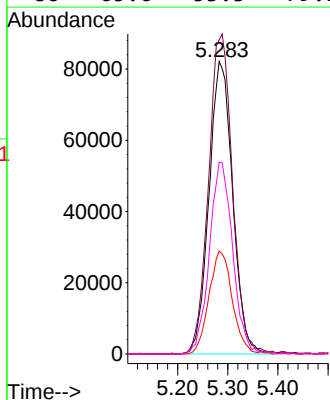
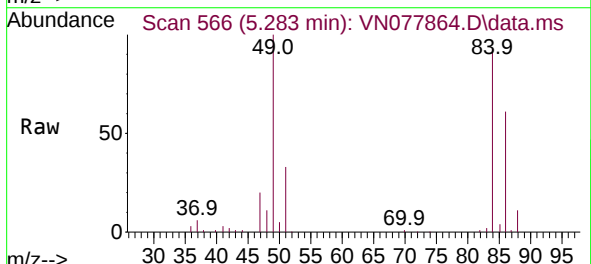
Manual Integrations
APPROVED

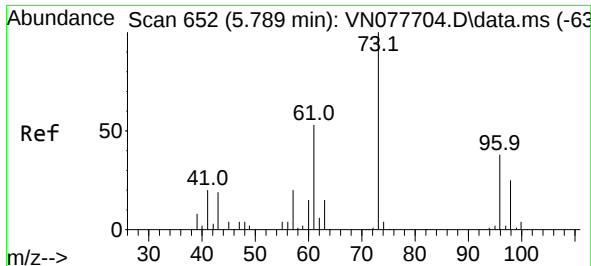
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 54.058 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

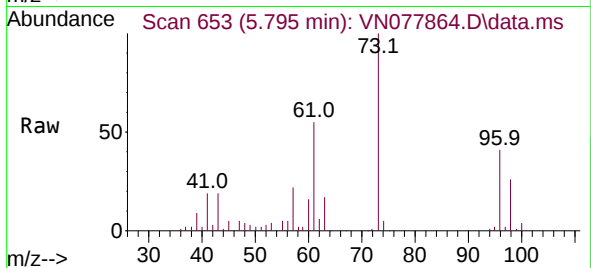
Tgt Ion: 84 Resp: 269730
Ion Ratio Lower Upper
84 100
49 107.3 79.7 119.5
51 35.2 25.2 37.8
86 65.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.266 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

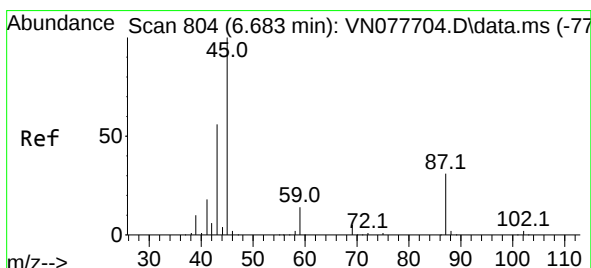
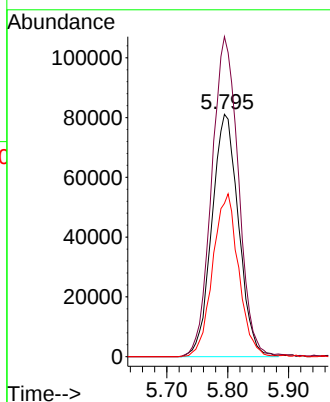
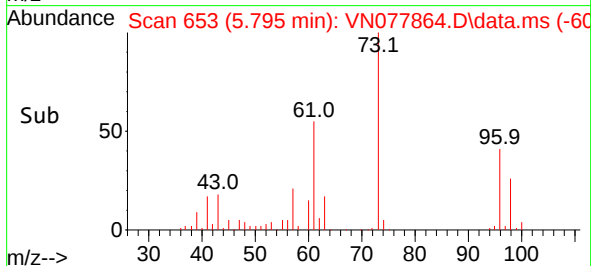
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 247388
Ion Ratio Lower Upper
96 100
61 132.0 90.1 135.1
98 63.2 46.4 69.6

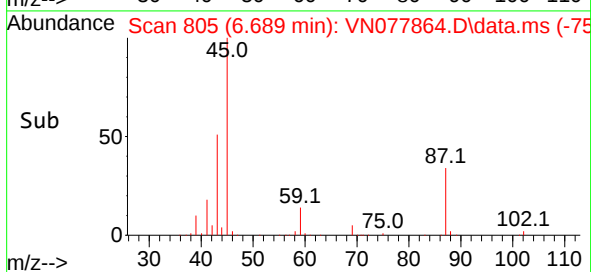
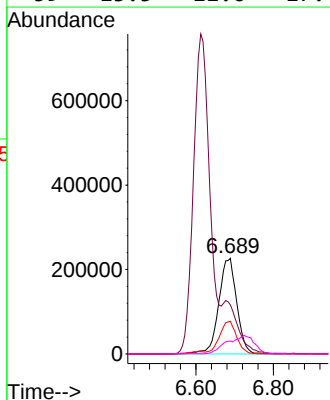
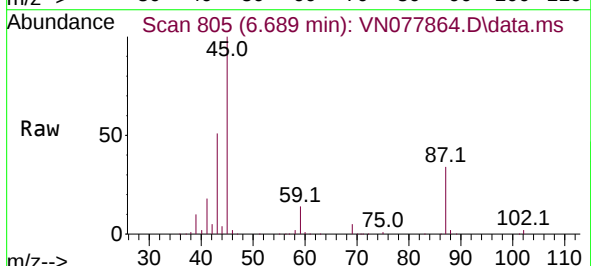
Manual Integrations
APPROVED

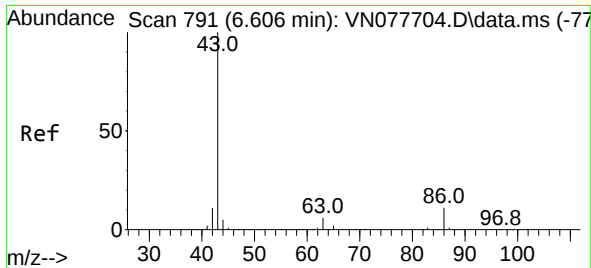
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 49.446 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.012 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 45 Resp: 731421
Ion Ratio Lower Upper
45 100
43 50.6 45.5 68.3
87 34.0 31.8 47.8
59 13.5 11.6 17.4





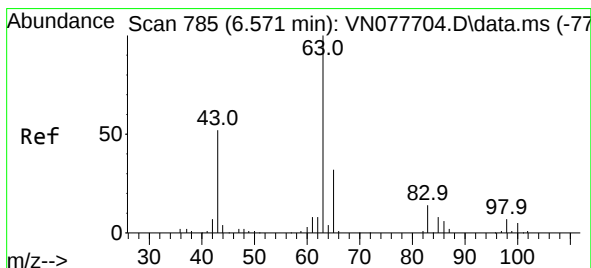
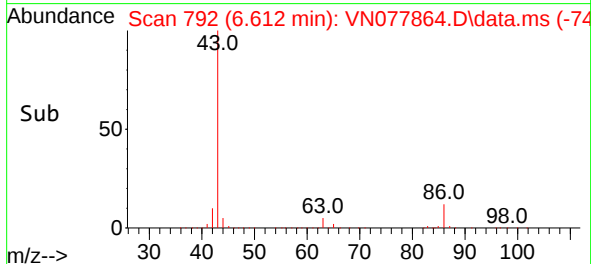
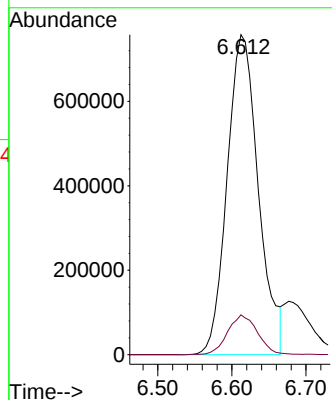
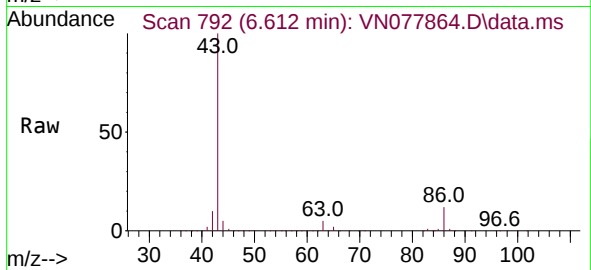
#23
 Vinyl Acetate
 Concen: 242.503 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 222255
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

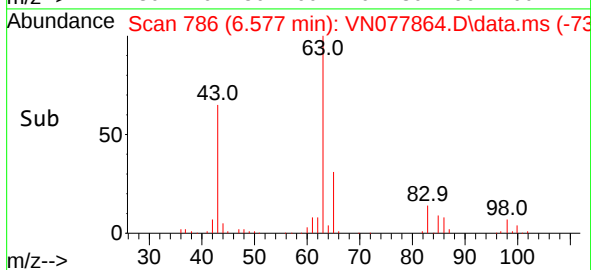
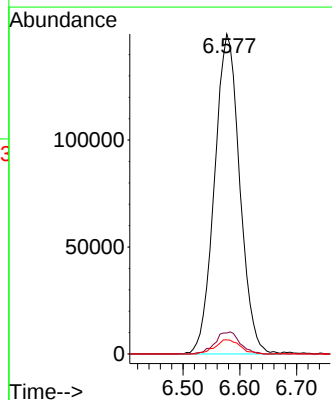
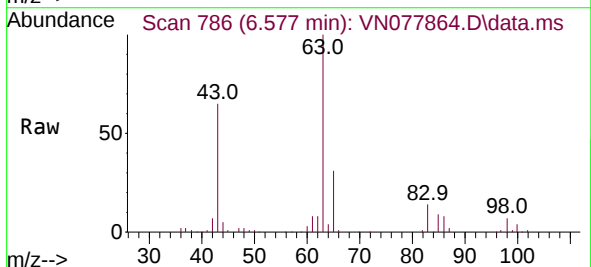
Manual Integrations
 APPROVED

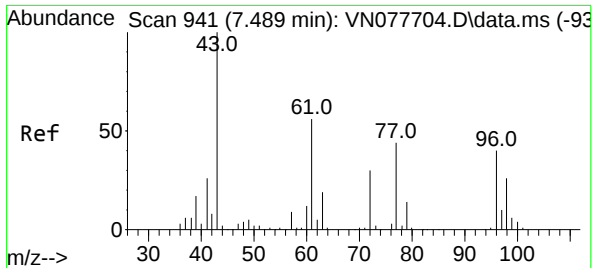
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 50.925 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Tgt Ion: 63 Resp: 461505
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





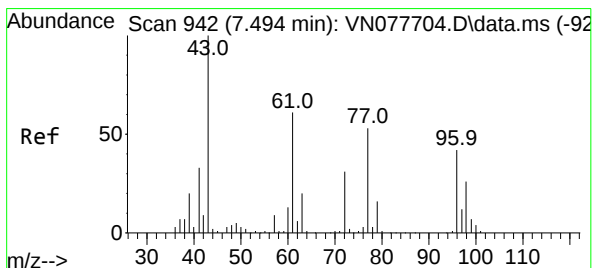
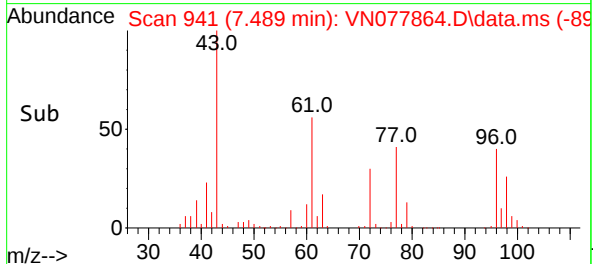
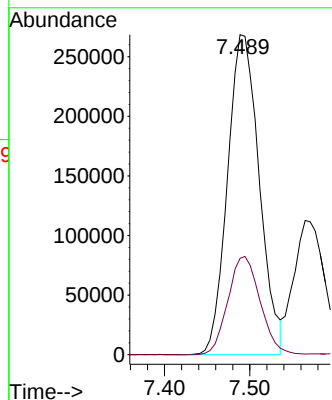
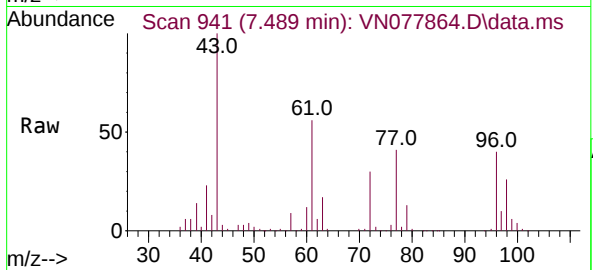
#25
2-Butanone
Concen: 231.535 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 696399
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

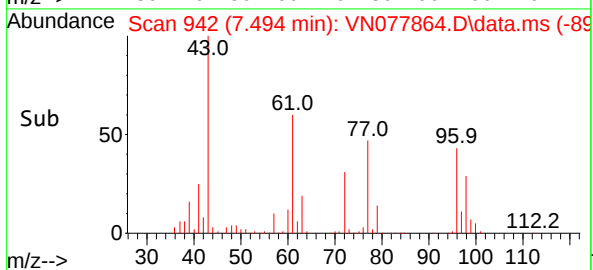
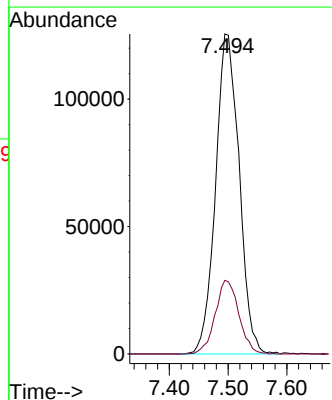
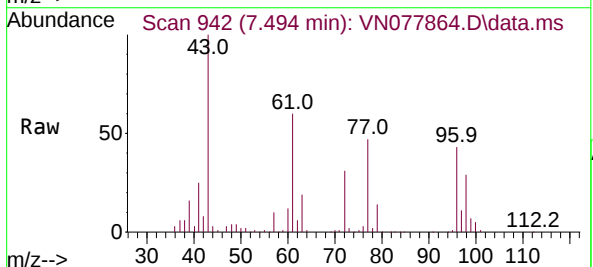
Manual Integrations
APPROVED

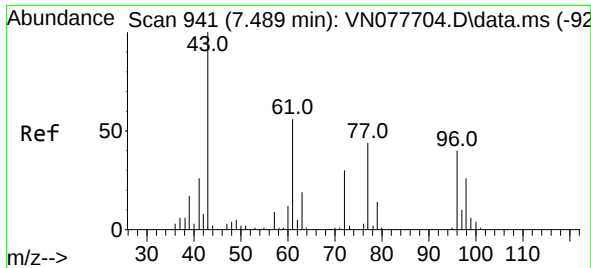
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 45.452 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 77 Resp: 349949
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6





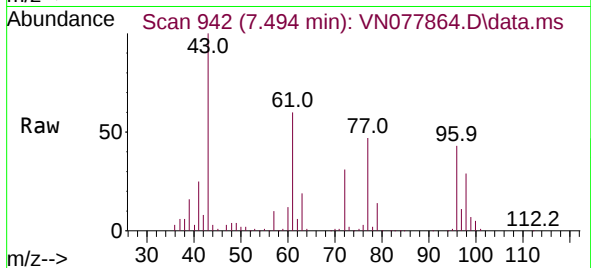
#27
 cis-1,2-Dichloroethene
 Concen: 52.755 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

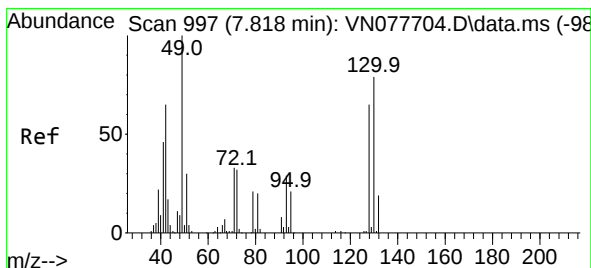
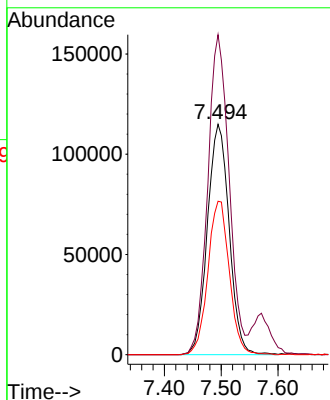
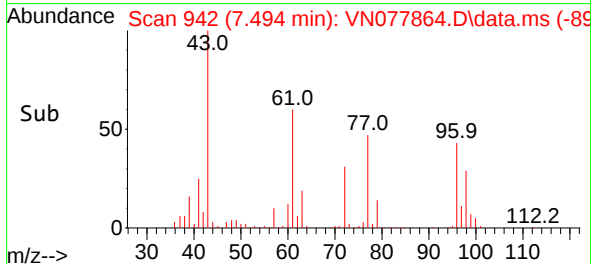


Tgt Ion: 96 Resp: 305244
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 255.2
 98 65.8 0.0 128.8

Manual Integrations

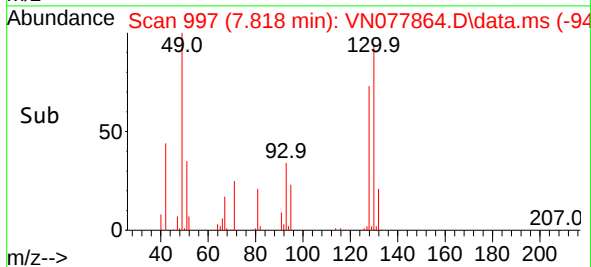
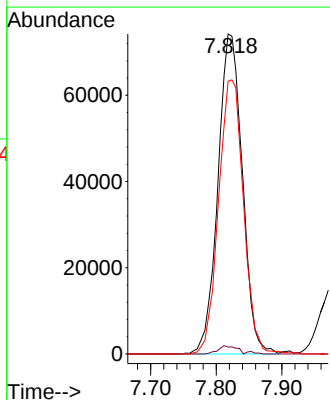
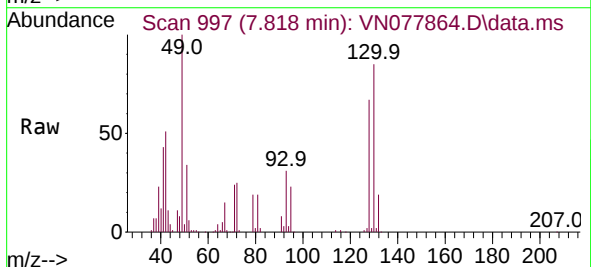
APPROVED

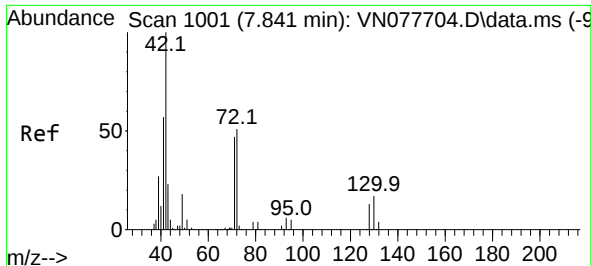
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 48.982 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Tgt Ion: 49 Resp: 191978
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 87.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 233.215 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 459302

Ion Ratio Lower Upper

42 100

72 51.9 49.8 74.6

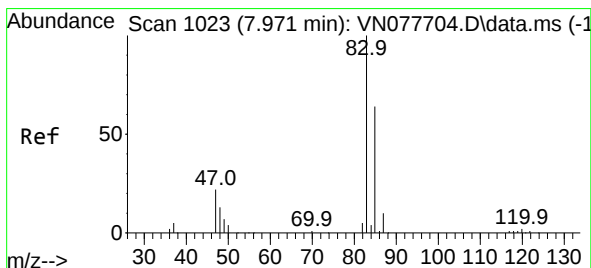
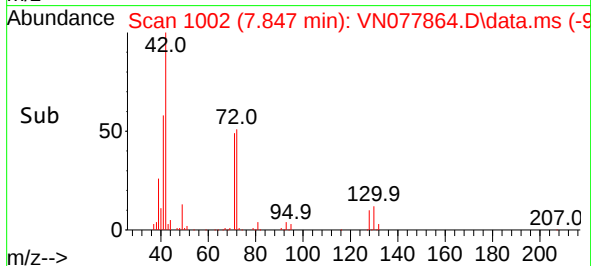
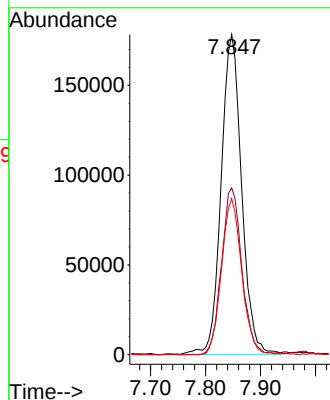
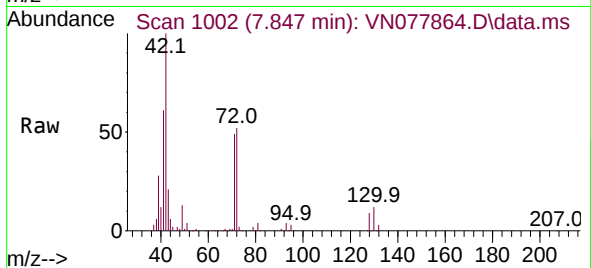
71 48.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 51.028 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077864.D

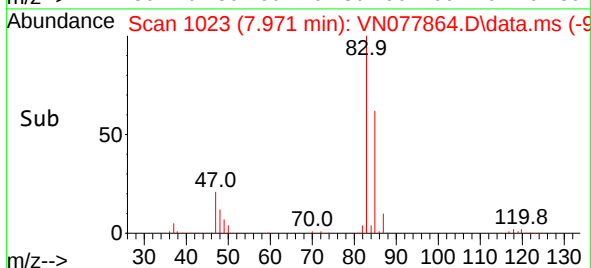
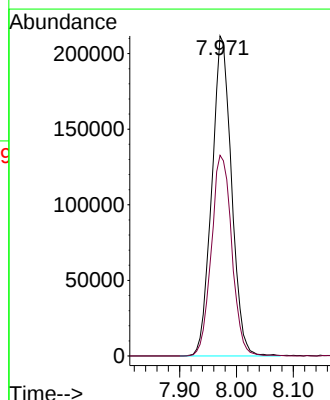
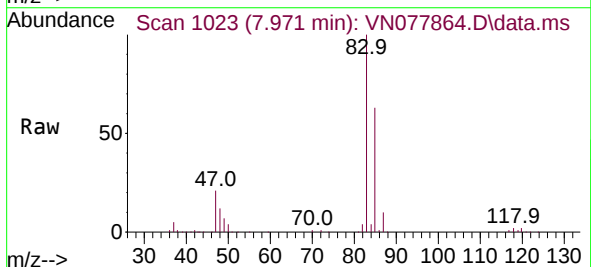
Acq: 24 May 2023 20:19

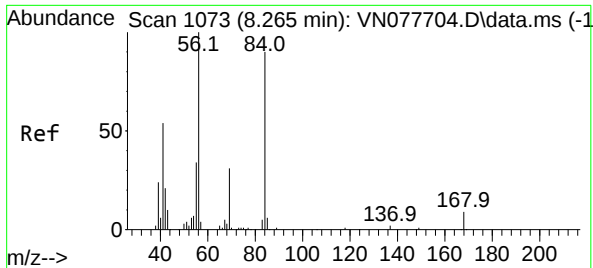
Tgt Ion: 83 Resp: 508703

Ion Ratio Lower Upper

83 100

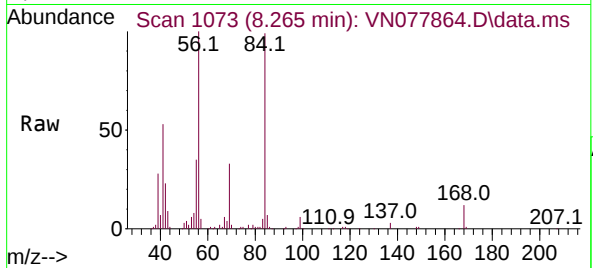
85 62.7 55.4 83.0





#31
Cyclohexane
Concen: 48.297 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

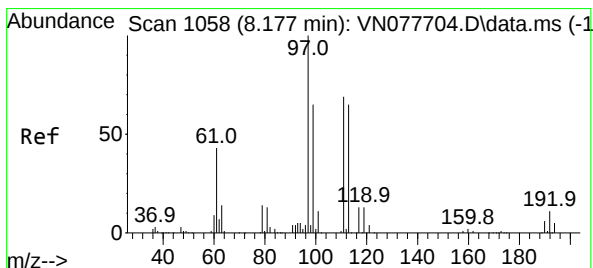
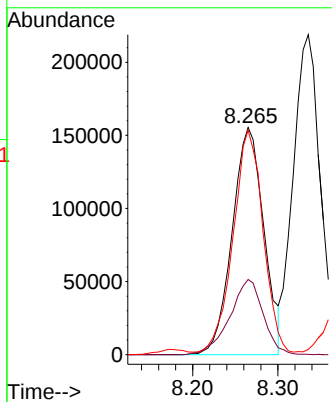
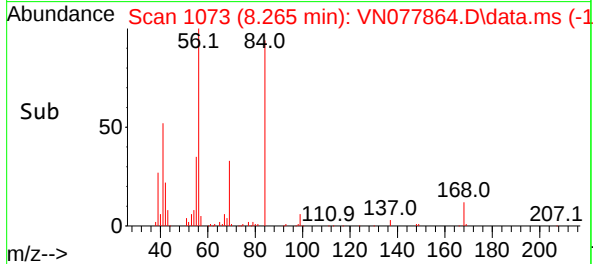
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 40116
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 96.5 81.8 122.6

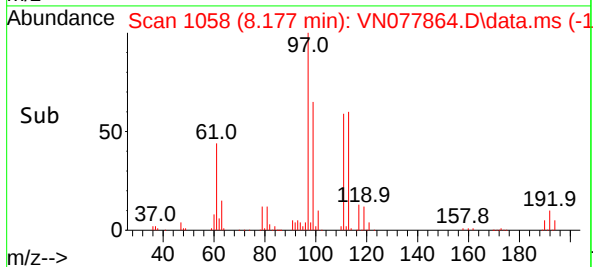
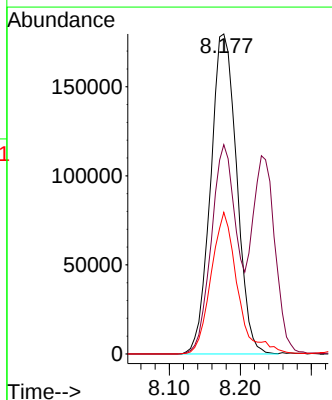
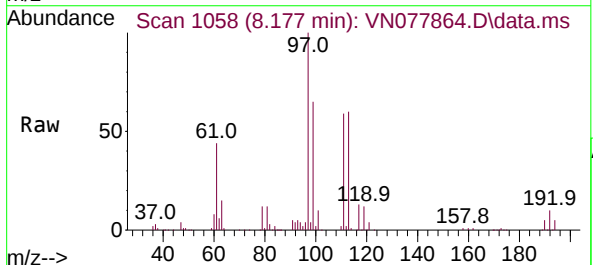
Manual Integrations
APPROVED

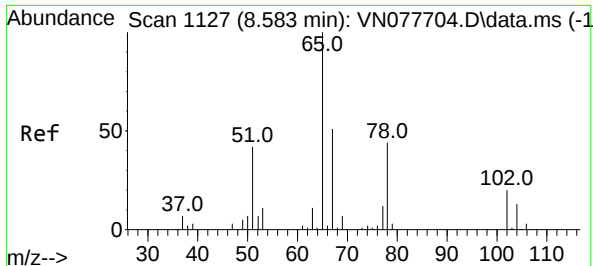
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 54.104 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 97 Resp: 458568
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.9 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 47.059 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

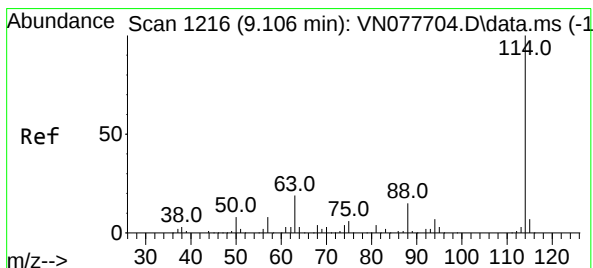
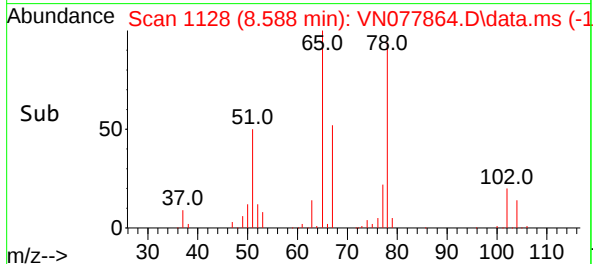
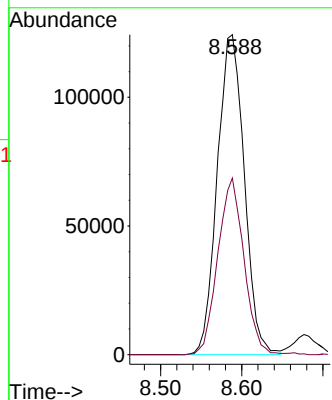
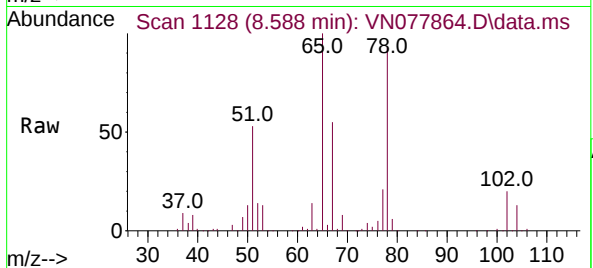
VSTDCCC050EC

Tgt Ion: 65 Resp: 28759
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

Manual Integrations

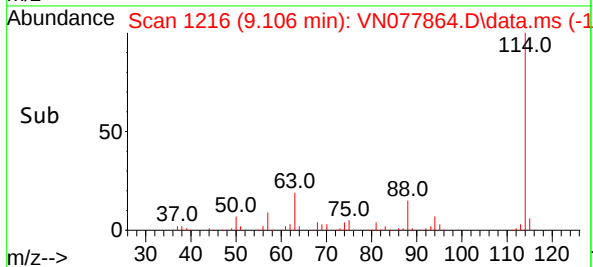
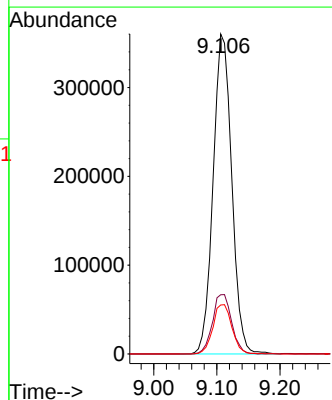
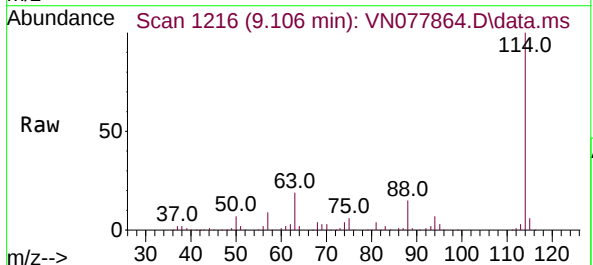
APPROVED

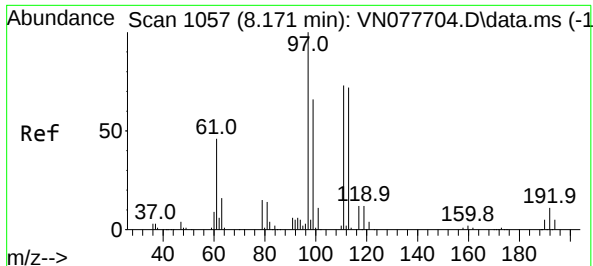
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

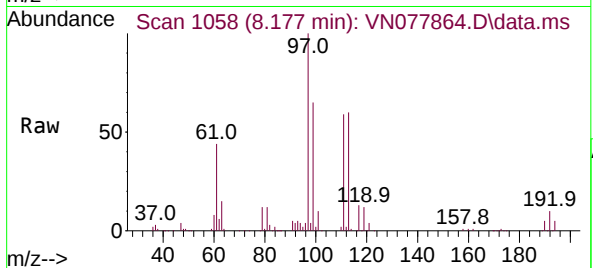
Tgt Ion:114 Resp: 737085
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.4
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

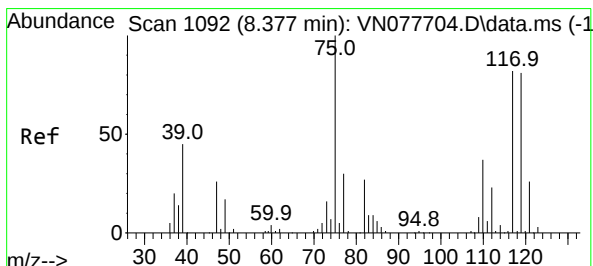
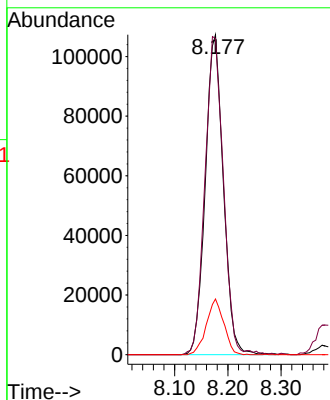
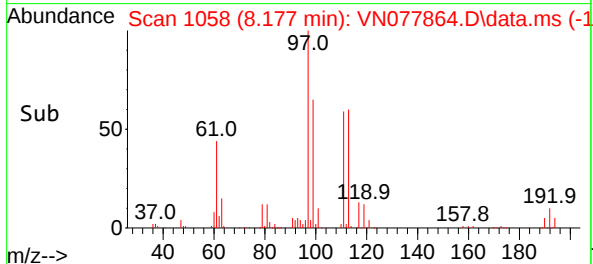
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



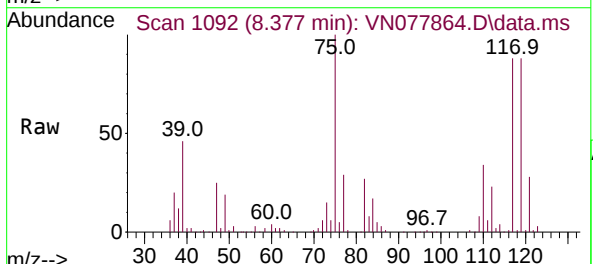
Tgt Ion: 113 Resp: 25251
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 16.8 12.7 19.1

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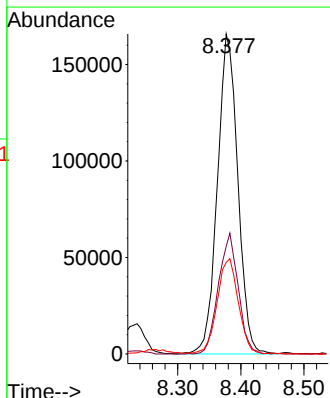
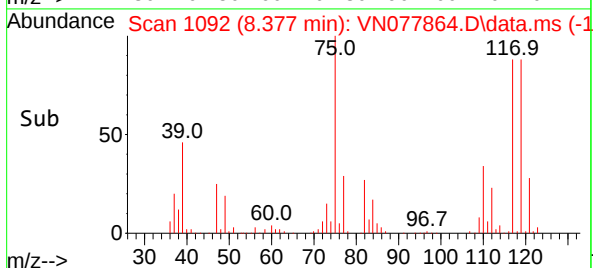
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

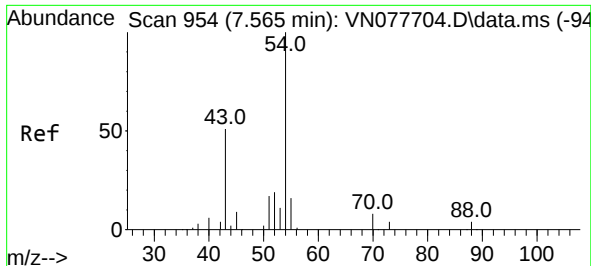


#36
1,1-Dichloropropene
Concen: 53.022 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



Tgt Ion: 75 Resp: 372756
Ion Ratio Lower Upper
75 100
110 36.6 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 46.766 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 29303

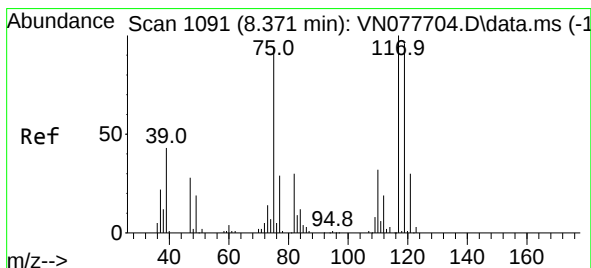
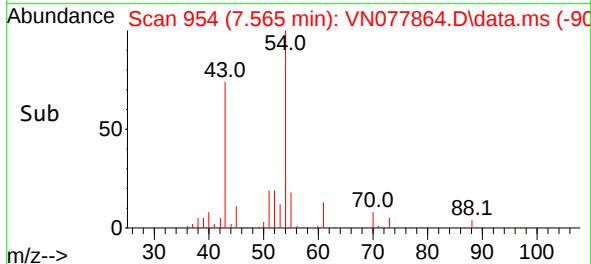
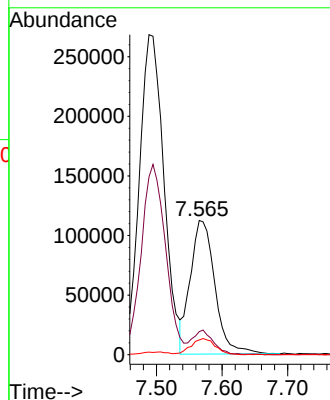
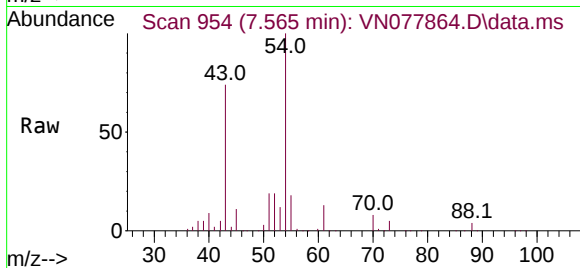
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	11.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 56.590 ug/l

RT: 8.371 min Scan# 1091

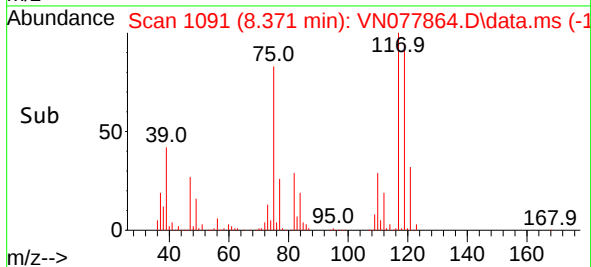
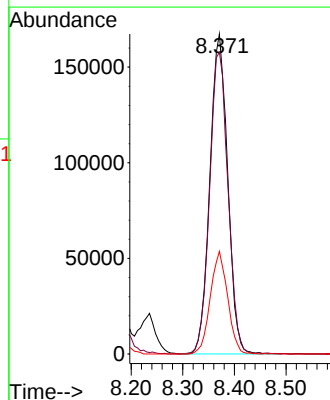
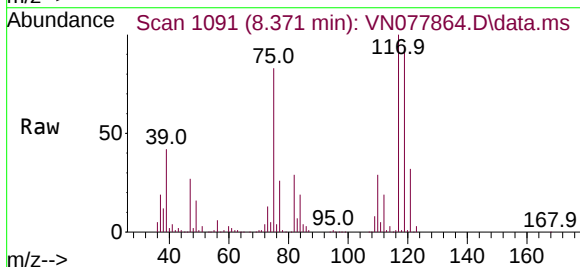
Delta R.T. -0.000 min

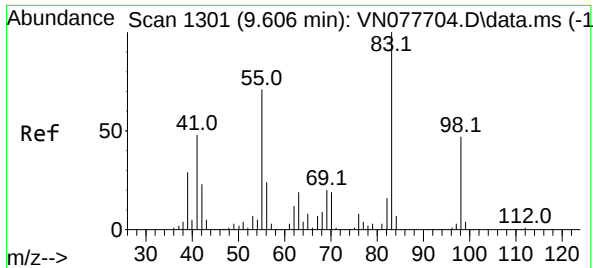
Lab File: VN077864.D

Acq: 24 May 2023 20:19

Tgt Ion:117 Resp: 401730

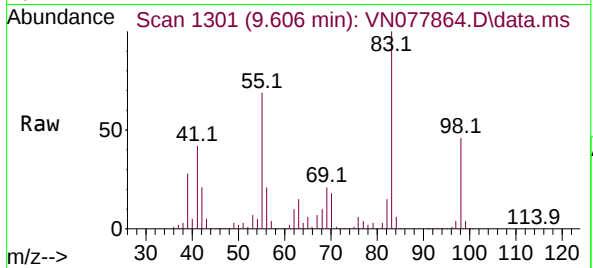
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.3	115.9
121	32.0	23.3	34.9





#39
Methylcyclohexane
Concen: 52.465 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

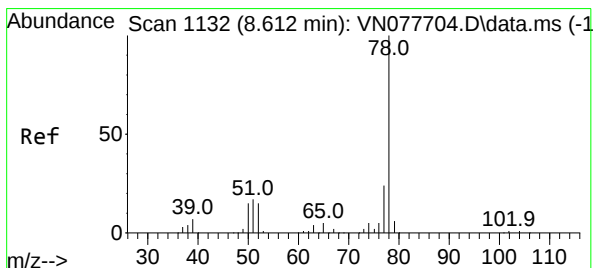
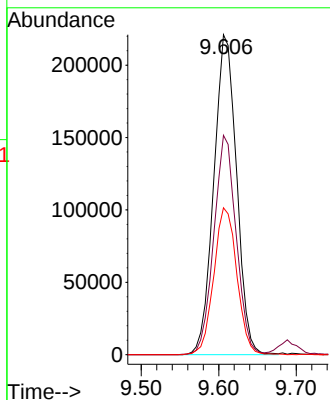
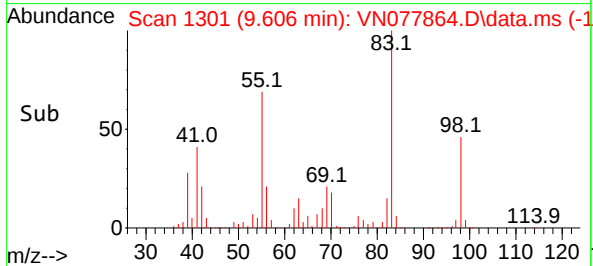
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 451550
Ion Ratio Lower Upper
83 100
55 68.6 49.1 73.7
98 45.9 40.6 61.0

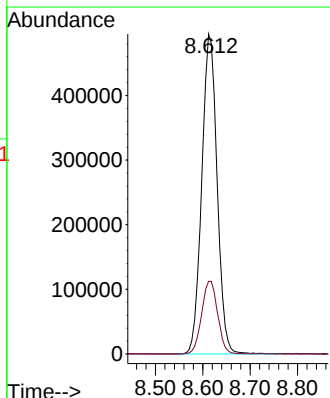
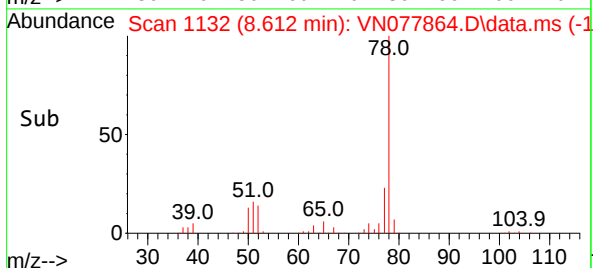
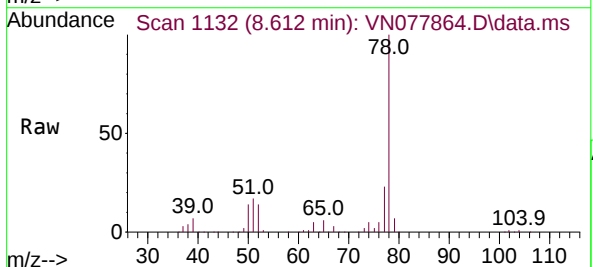
Manual Integrations
APPROVED

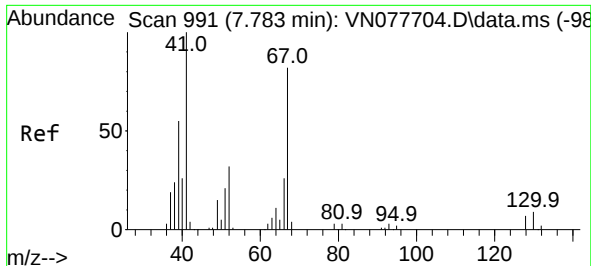
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#40
Benzene
Concen: 53.665 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

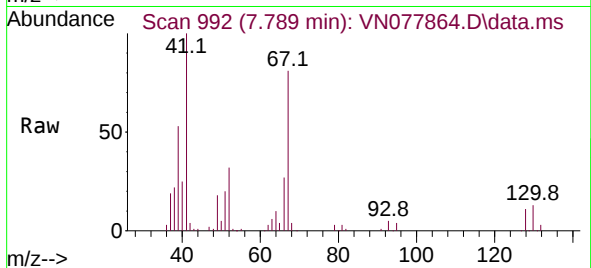
Tgt Ion: 78 Resp: 1113323
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 46.868 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

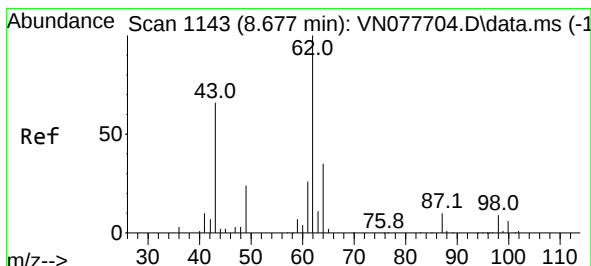
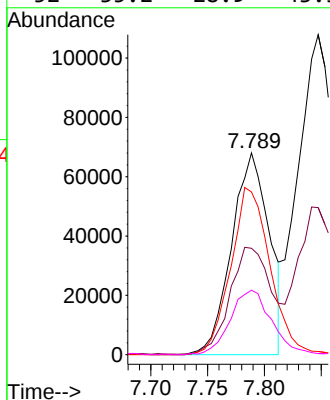
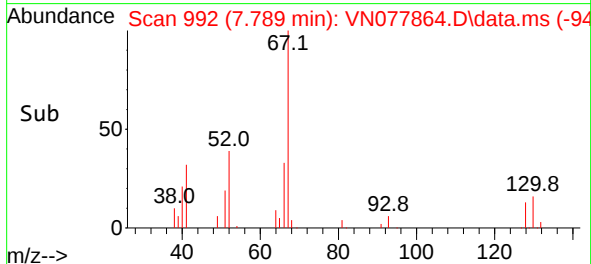
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 156400
Ion Ratio Lower Upper
41 100
39 60.2 42.6 64.0
67 87.4 77.5 116.3
52 35.2 28.9 43.3

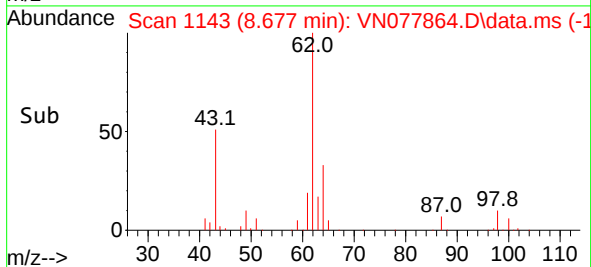
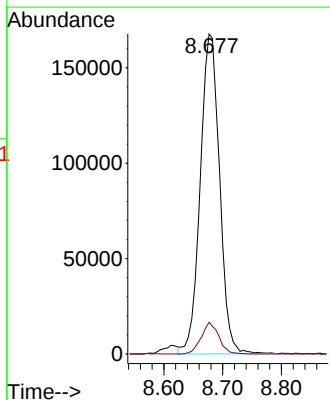
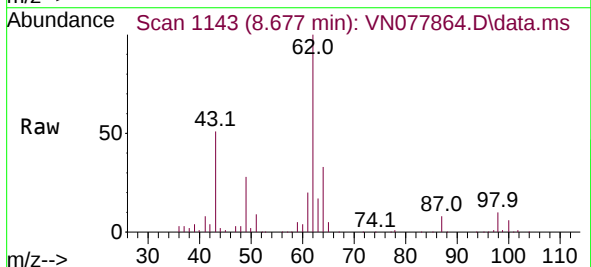
Manual Integrations
APPROVED

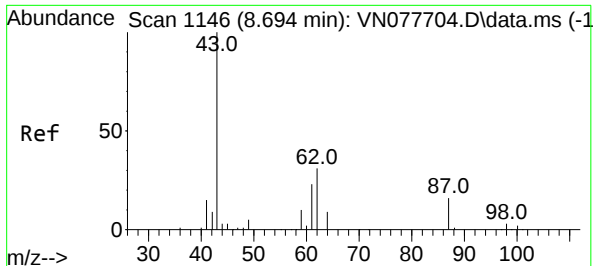
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 50.707 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 62 Resp: 382131
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.227 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 503834

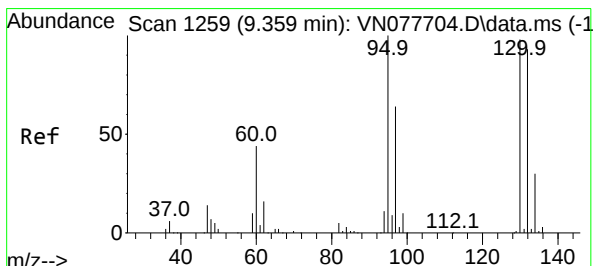
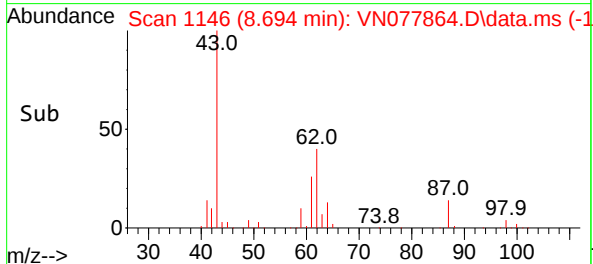
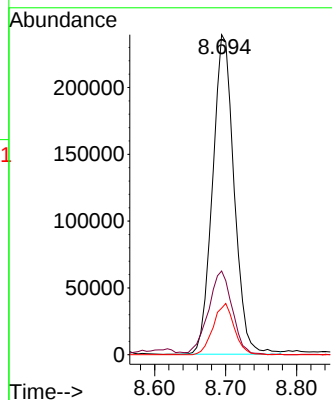
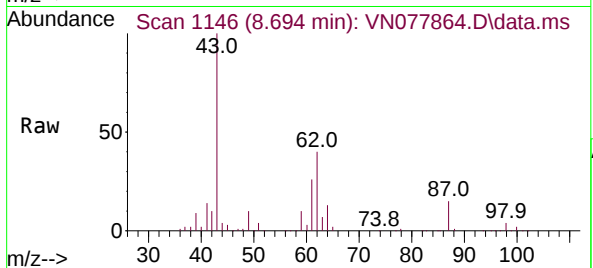
Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.7	37.1
87	15.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 58.349 ug/l

RT: 9.359 min Scan# 1259

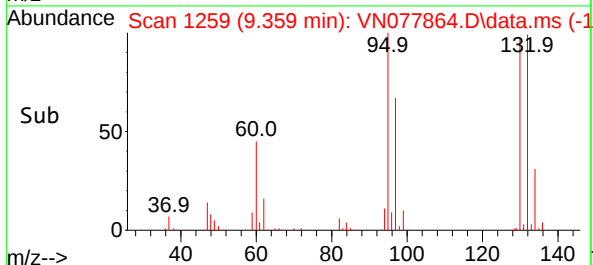
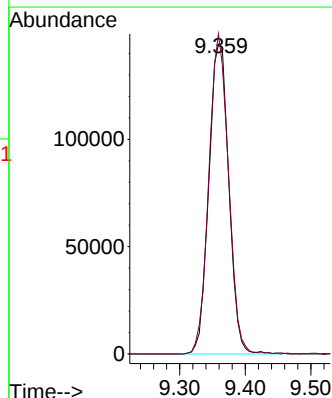
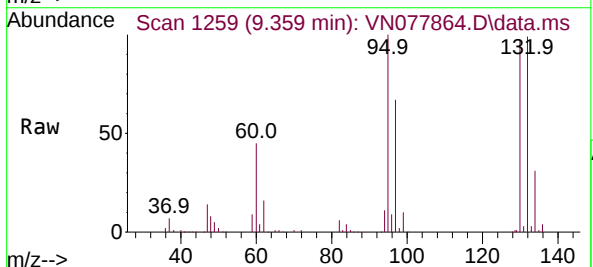
Delta R.T. 0.000 min

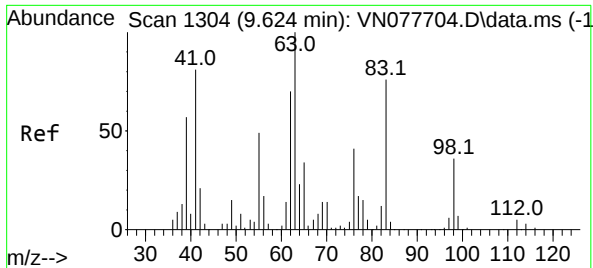
Lab File: VN077864.D

Acq: 24 May 2023 20:19

Tgt Ion:130 Resp: 306507

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 52.699 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 27886

Ion Ratio Lower Upper

63 100

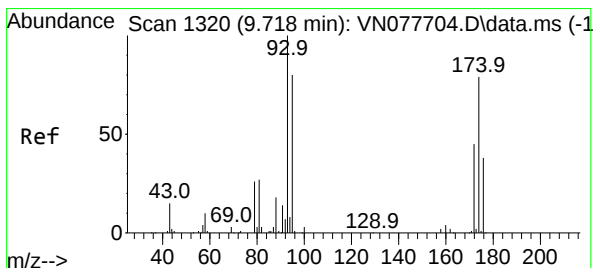
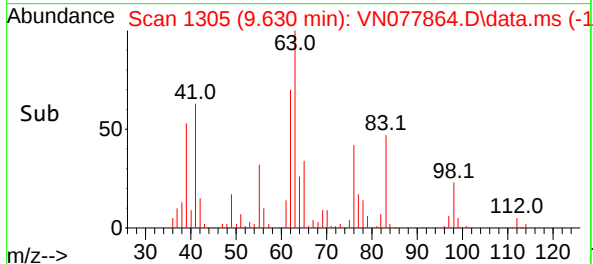
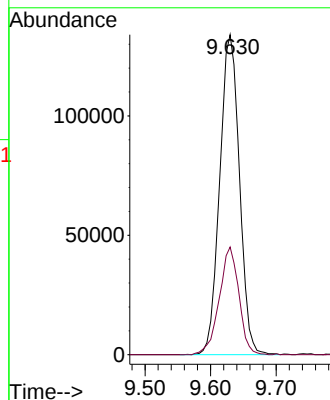
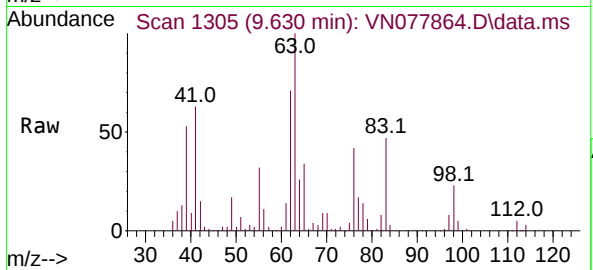
65 33.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 52.527 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

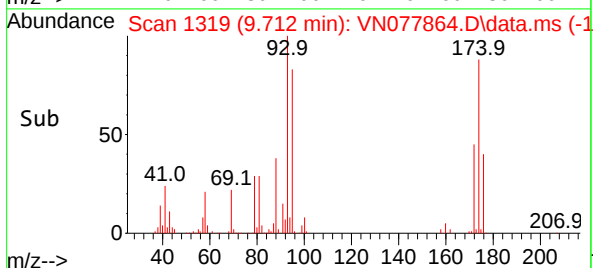
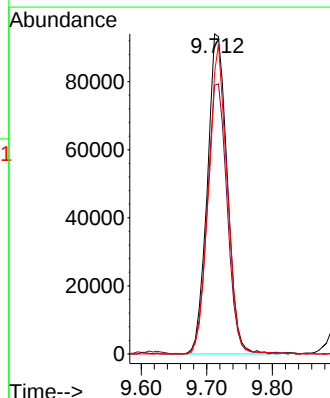
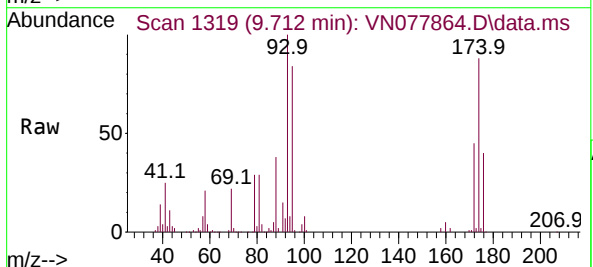
Tgt Ion: 93 Resp: 198898

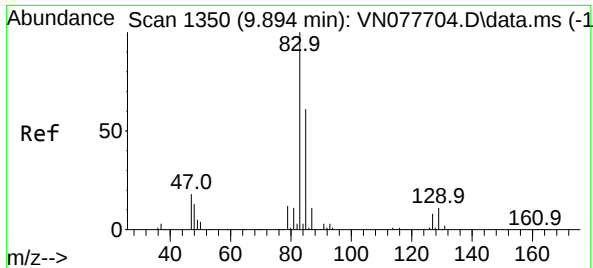
Ion Ratio Lower Upper

93 100

95 84.1 63.8 95.8

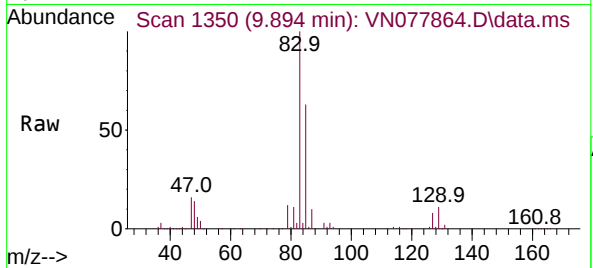
174 89.8 65.6 98.4





#47
Bromodichloromethane
Concen: 54.537 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

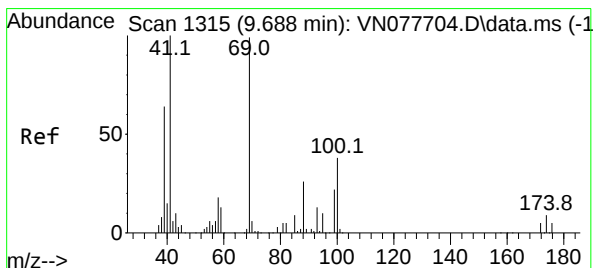
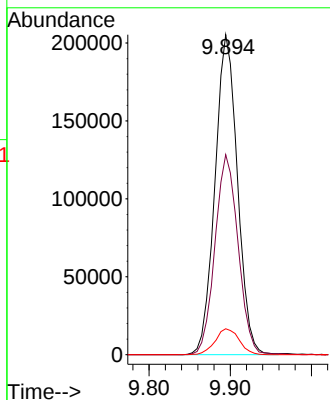
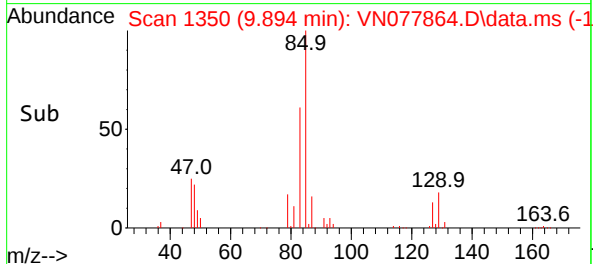
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 39535
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 8.1 7.0 10.6

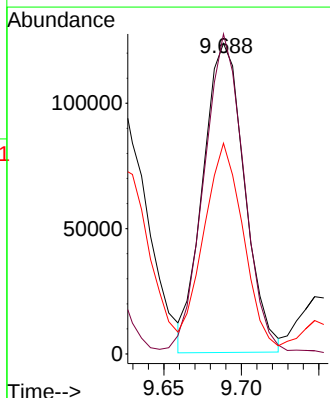
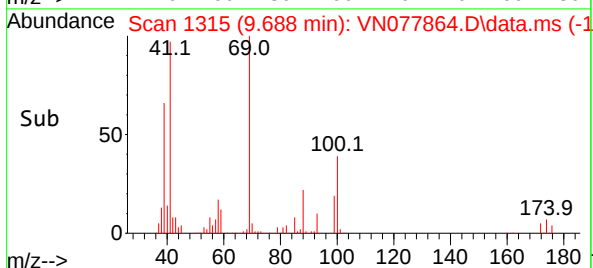
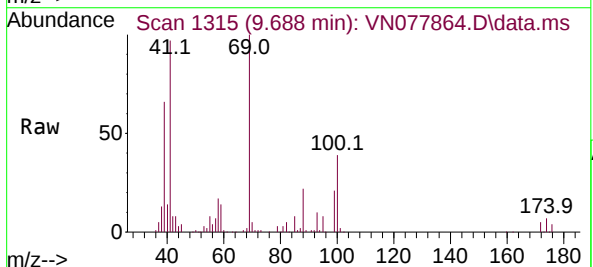
Manual Integrations
APPROVED

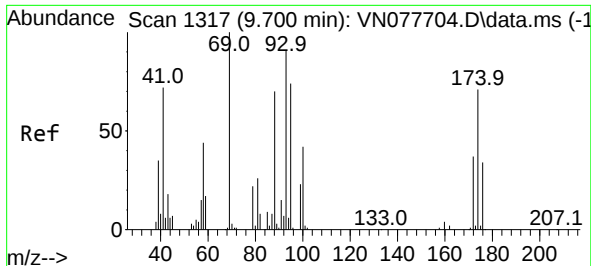
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 47.440 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

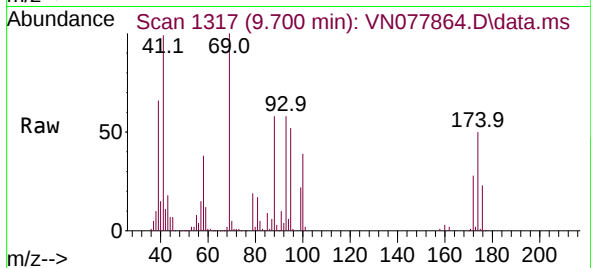
Tgt Ion: 41 Resp: 230205
Ion Ratio Lower Upper
41 100
69 100.9 90.4 135.6
39 66.2 54.6 81.8





#49
1,4-Dioxane
Concen: 1086.202 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

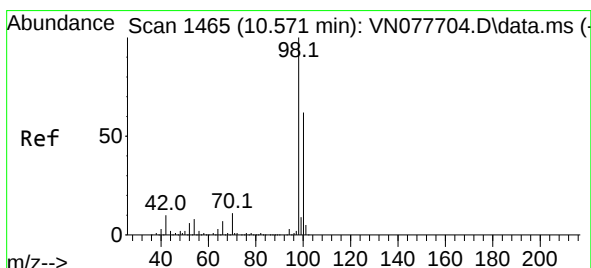
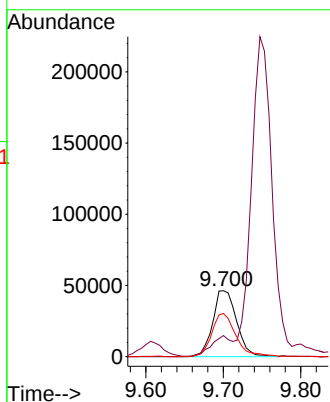
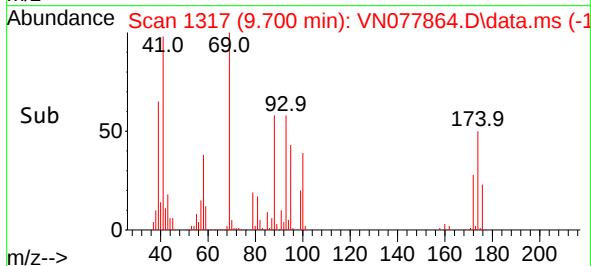
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 9955
Ion Ratio Lower Upper
88 100
43 25.9 17.0 25.6
58 66.3 47.0 70.4

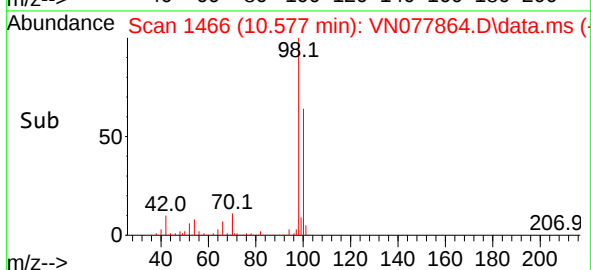
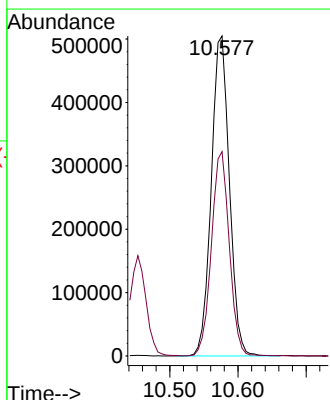
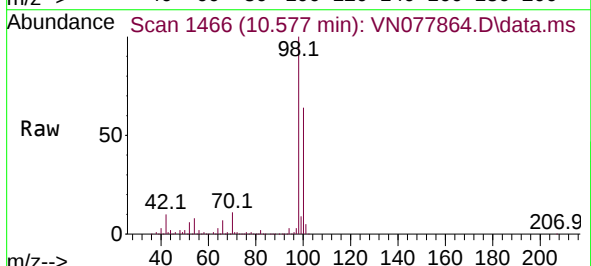
Manual Integrations
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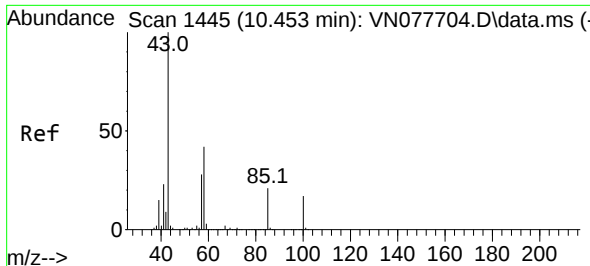
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 50.405 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 98 Resp: 932515
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0





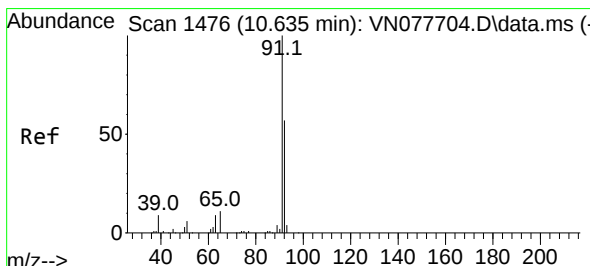
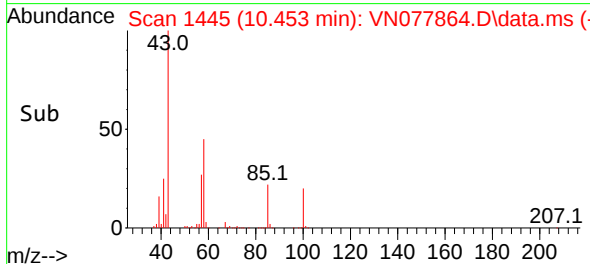
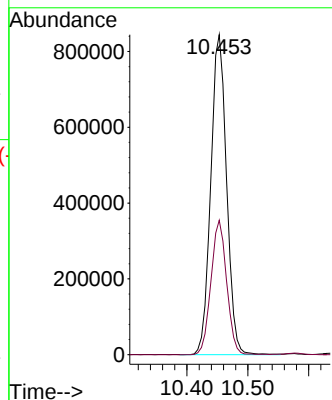
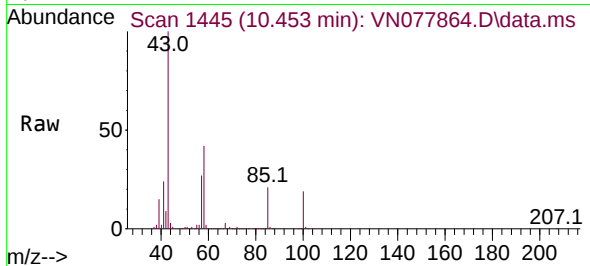
#51
4-Methyl-2-Pentanone
Concen: 249.803 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1519740
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

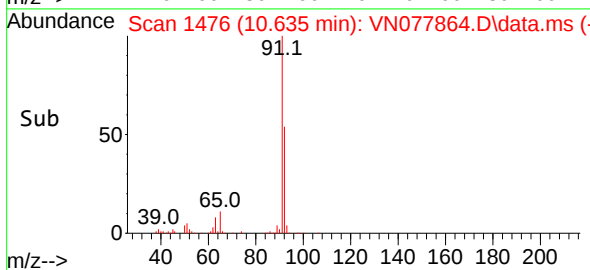
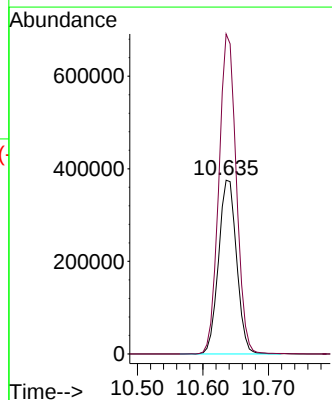
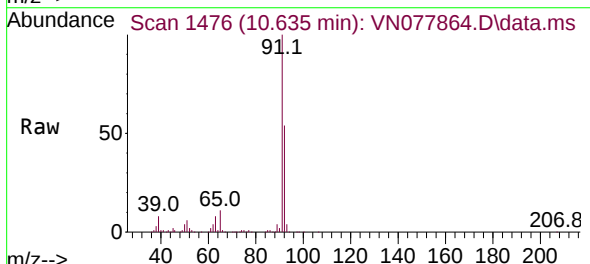
Manual Integrations
APPROVED

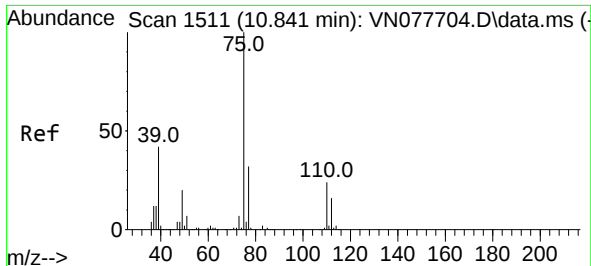
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 55.423 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

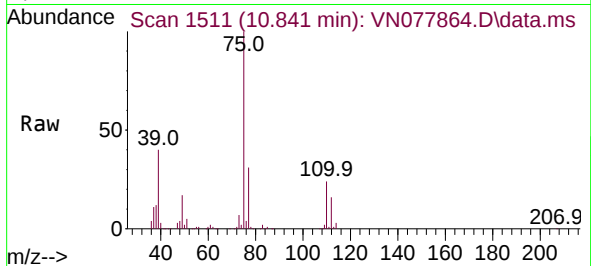
Tgt Ion: 92 Resp: 715808
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.248 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

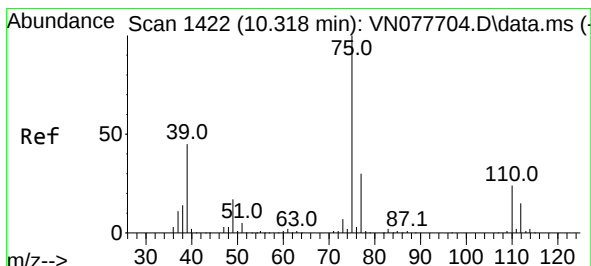
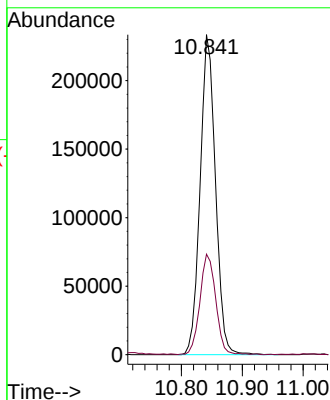
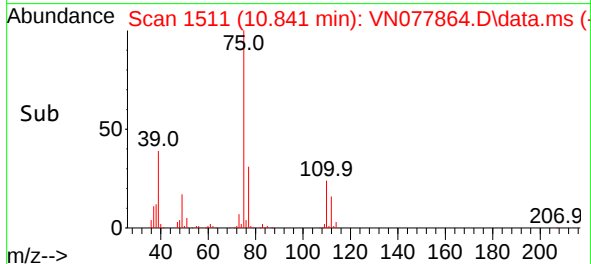
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 408779
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

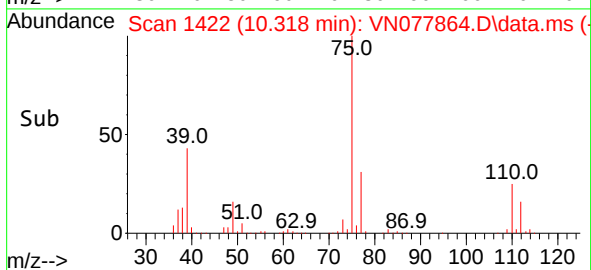
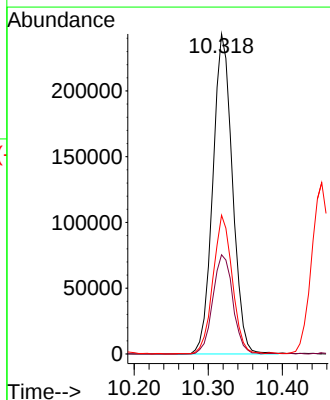
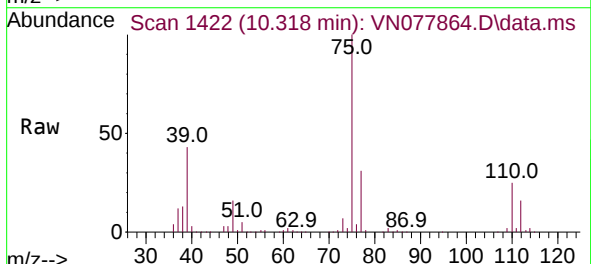
Manual Integrations
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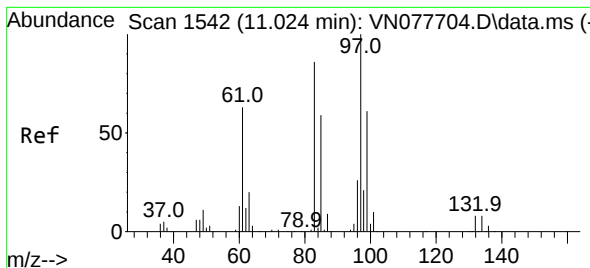
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
cis-1,3-Dichloropropene
Concen: 52.795 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

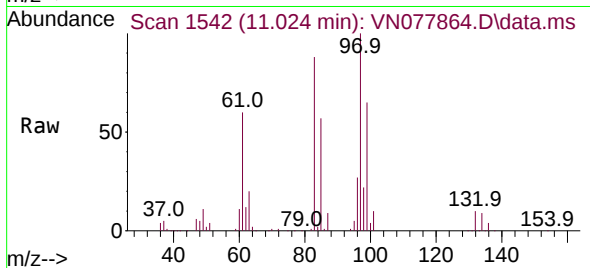
Tgt Ion: 75 Resp: 446640
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 43.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.748 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

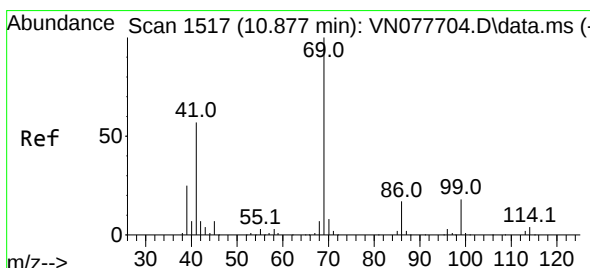
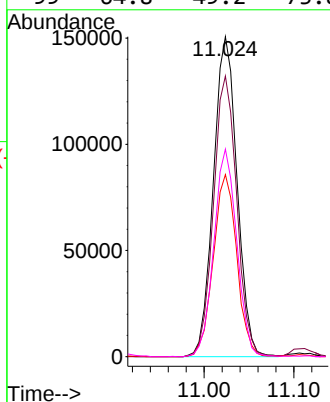
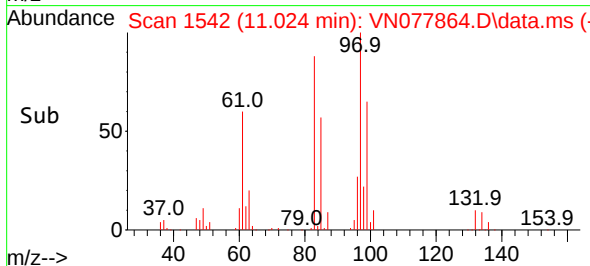
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



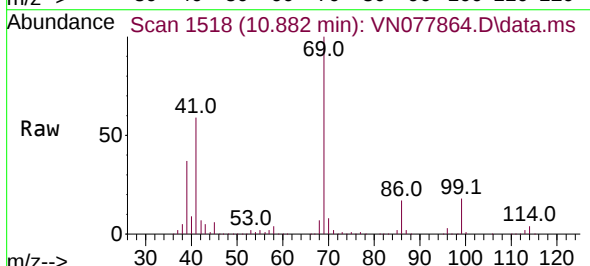
Tgt Ion: 97 Resp: 27562
Ion Ratio Lower Upper
97 100
83 87.7 65.1 97.7
85 56.9 43.4 65.2
99 64.8 49.2 73.8

Manual Integrations
APPROVED

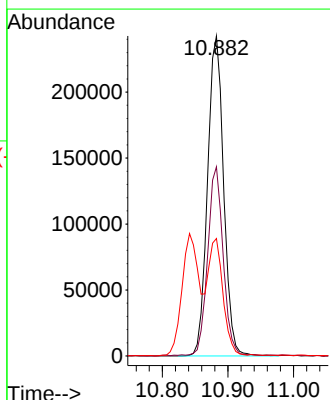
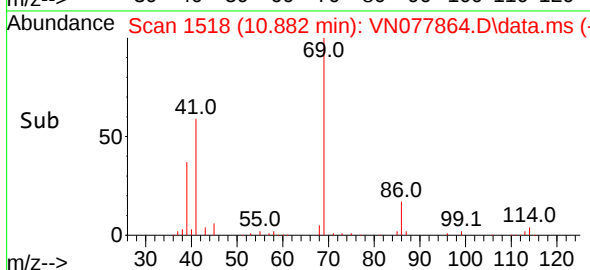
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

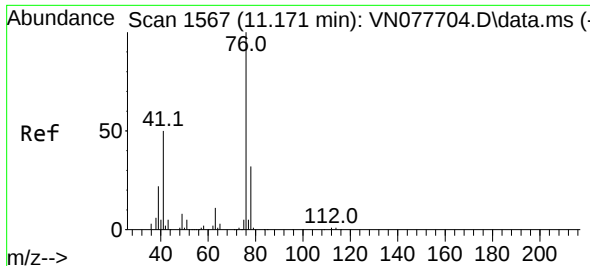


#56
Ethyl methacrylate
Concen: 53.383 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



Tgt Ion: 69 Resp: 413916
Ion Ratio Lower Upper
69 100
41 56.7 39.6 59.4
39 36.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 52.461 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 46120

Ion Ratio Lower Upper

76 100

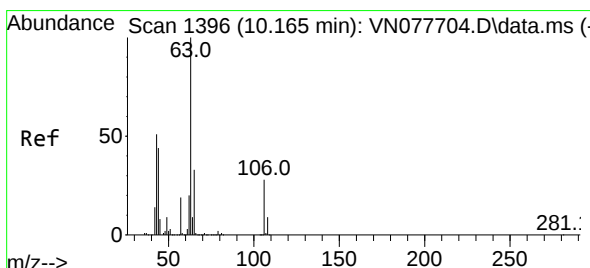
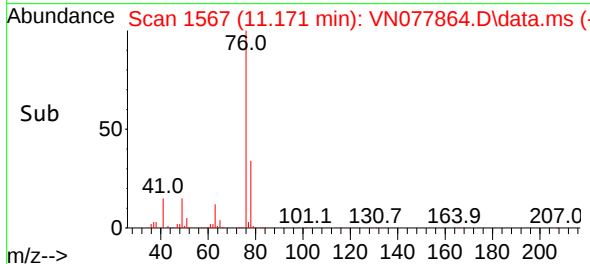
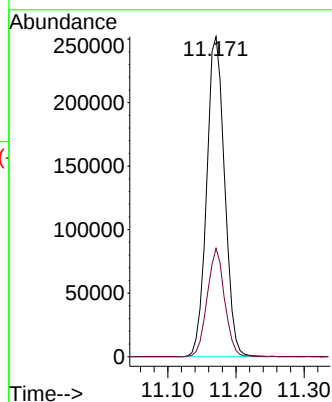
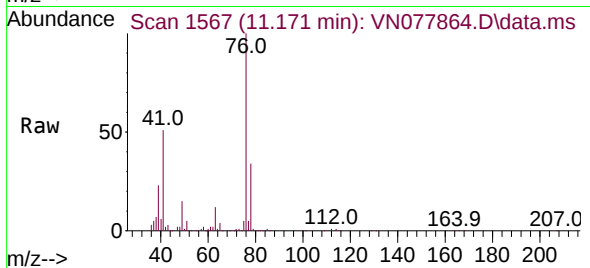
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 220.685 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077864.D

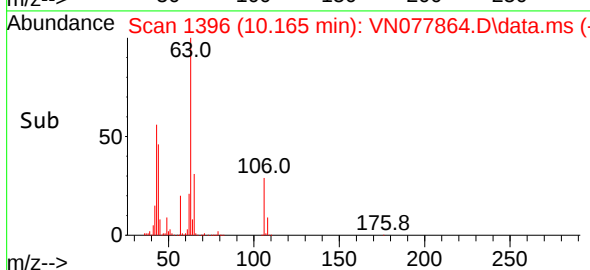
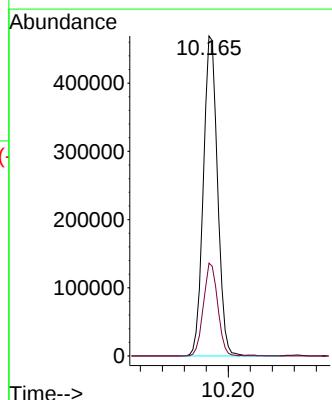
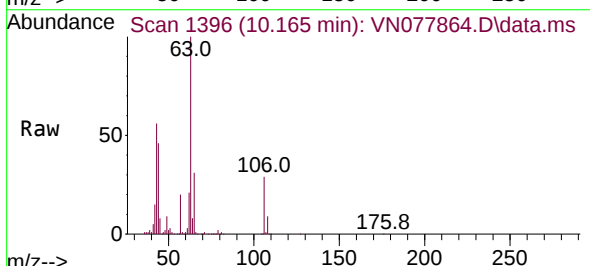
Acq: 24 May 2023 20:19

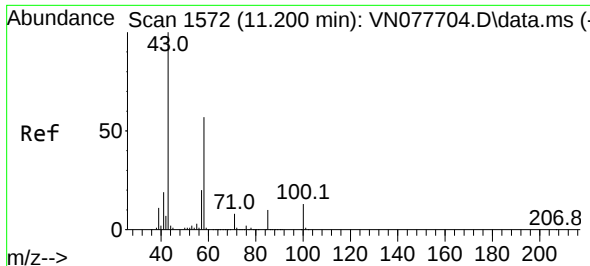
Tgt Ion: 63 Resp: 841814

Ion Ratio Lower Upper

63 100

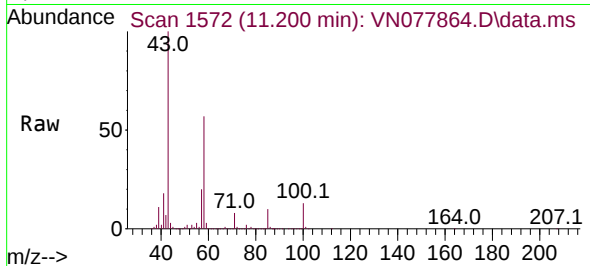
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 242.102 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

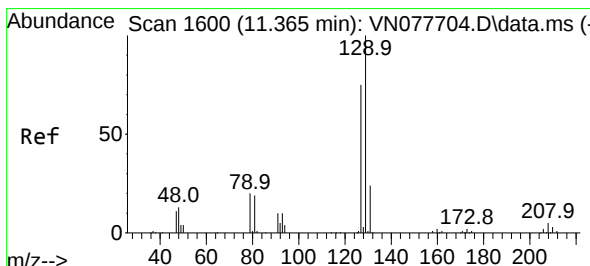
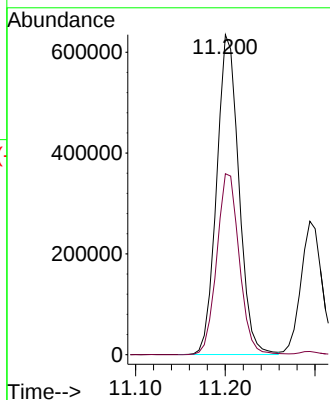
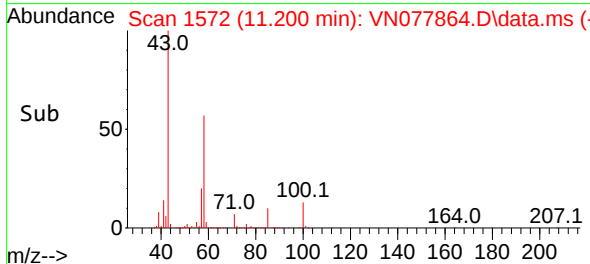
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108944
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

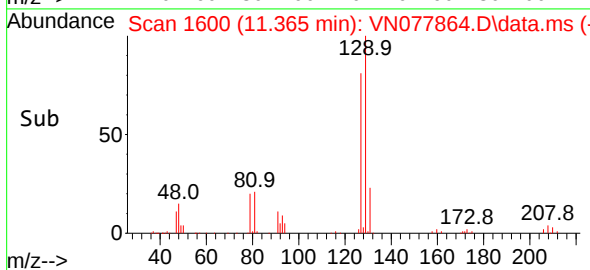
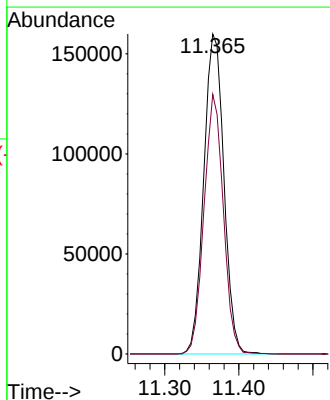
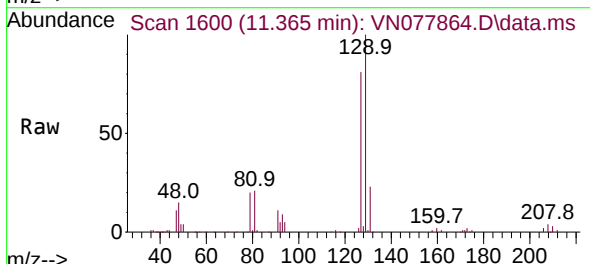
Manual Integrations
APPROVED

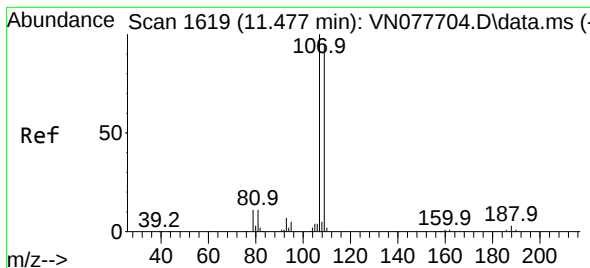
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 57.044 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

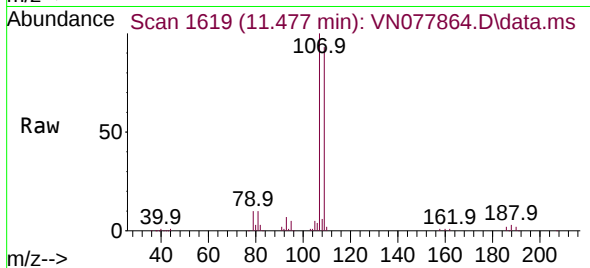
Tgt Ion:129 Resp: 301993
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.255 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

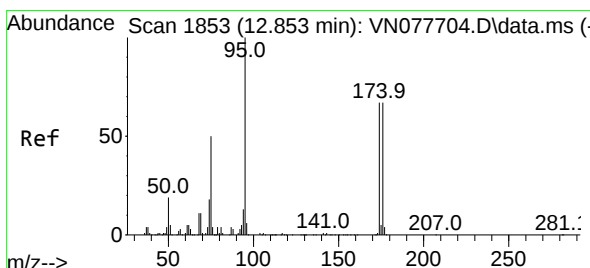
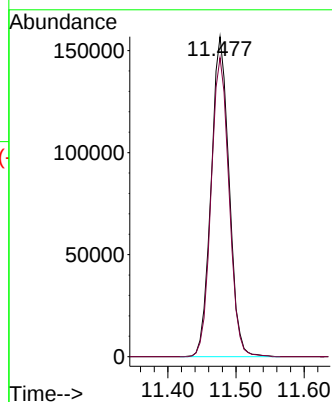
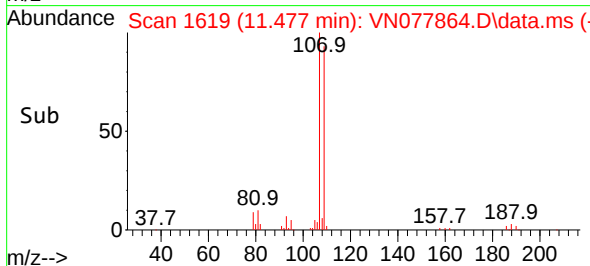
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



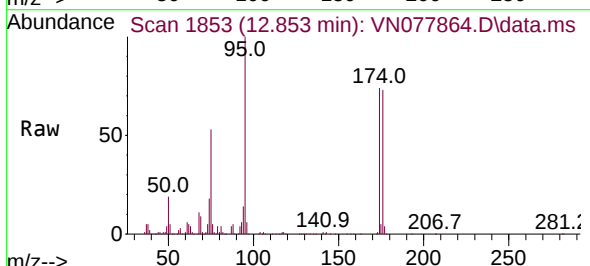
Tgt Ion:107 Resp: 287799
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

Manual Integrations
APPROVED

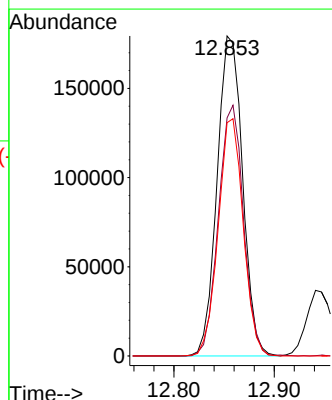
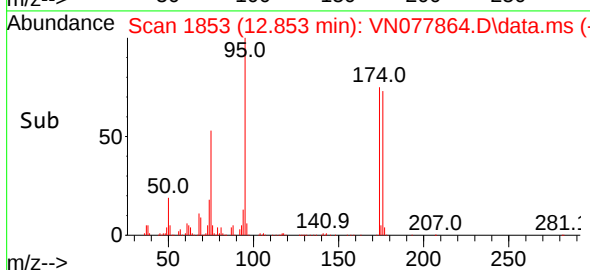
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

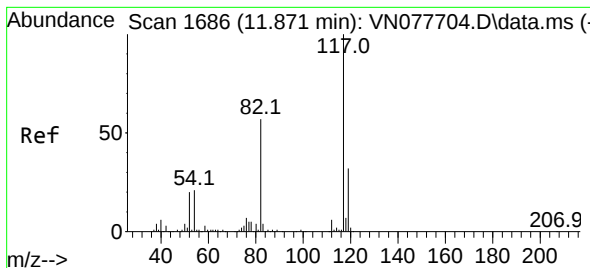


#62
4-Bromofluorobenzene
Concen: 48.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



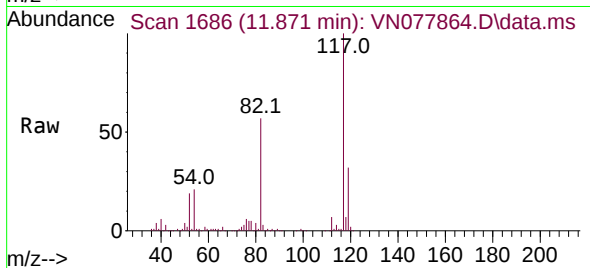
Tgt Ion: 95 Resp: 315944
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

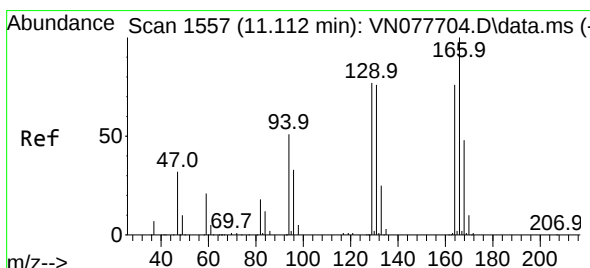
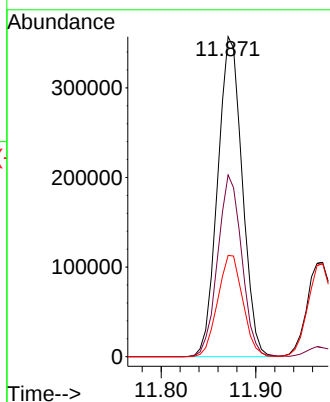
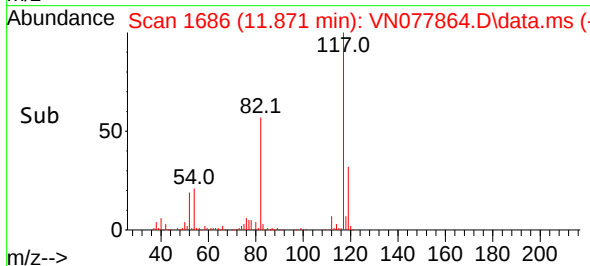
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 644308
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.7 25.6 38.4

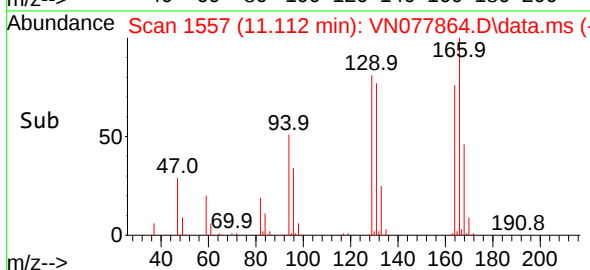
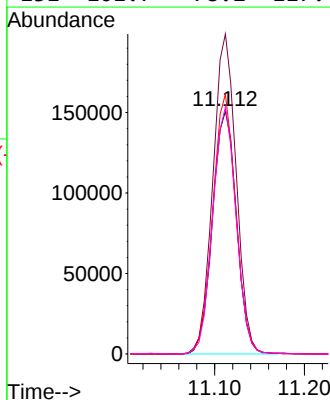
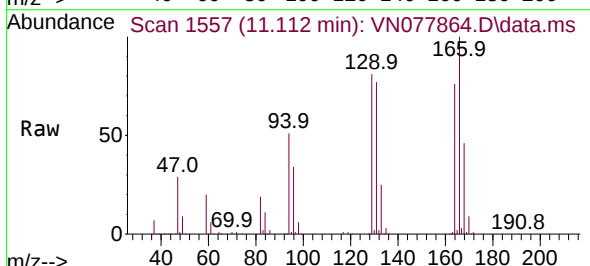
Manual Integrations
APPROVED

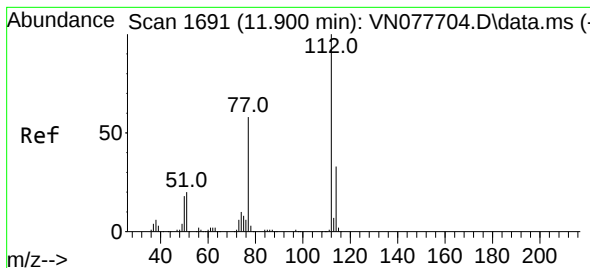
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 61.904 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:164 Resp: 278929
Ion Ratio Lower Upper
164 100
166 131.7 101.4 152.0
129 107.0 82.4 123.6
131 101.7 78.2 117.4





#65

Chlorobenzene

Concen: 55.443 ug/l

RT: 11.900 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 774419

Ion Ratio Lower Upper

112 100

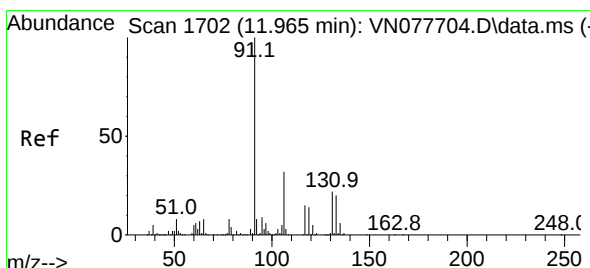
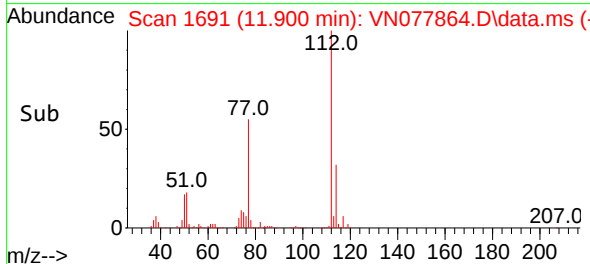
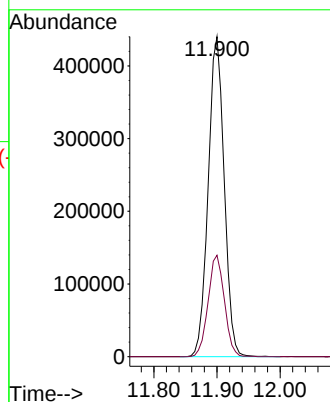
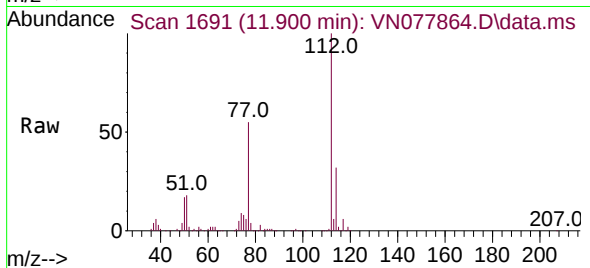
114 31.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 59.411 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

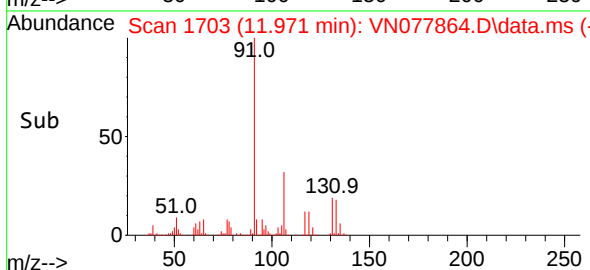
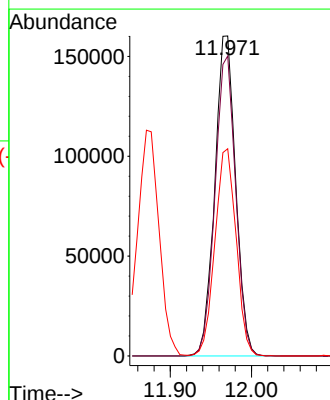
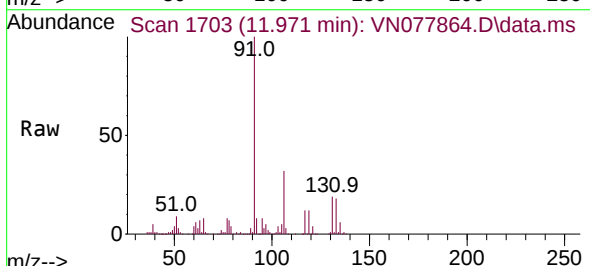
Tgt Ion:131 Resp: 287134

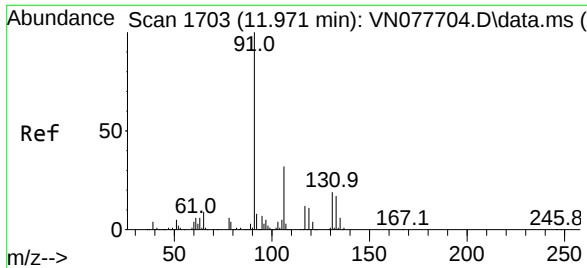
Ion Ratio Lower Upper

131 100

133 92.8 46.4 139.1

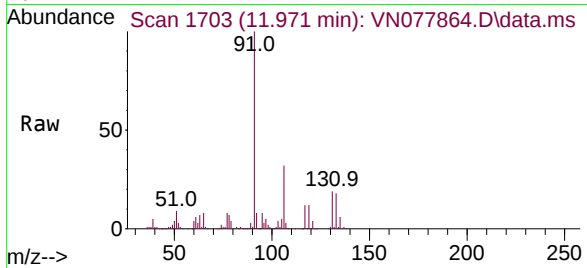
119 65.7 34.1 102.2





#67
Ethyl Benzene
Concen: 55.441 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

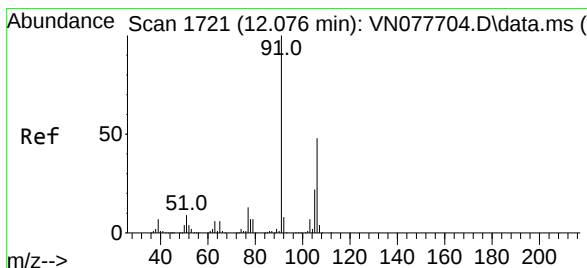
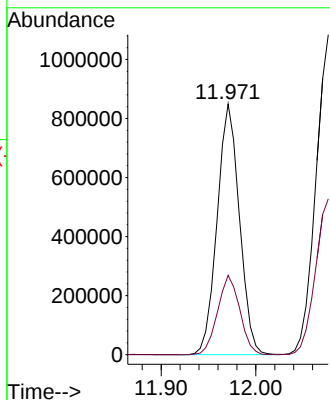
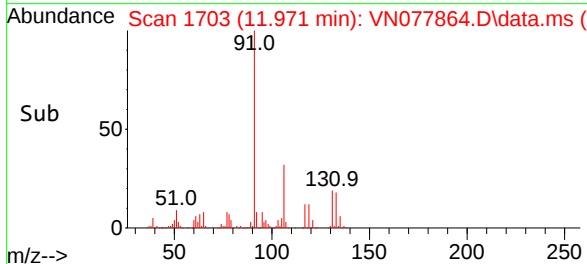
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



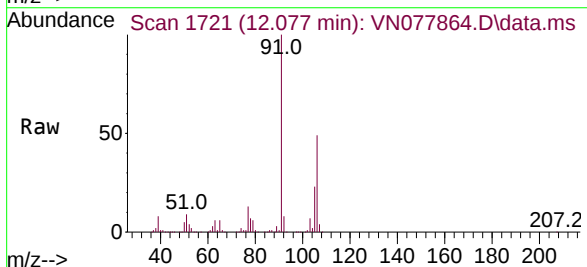
Tgt Ion: 91 Resp: 1387750
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

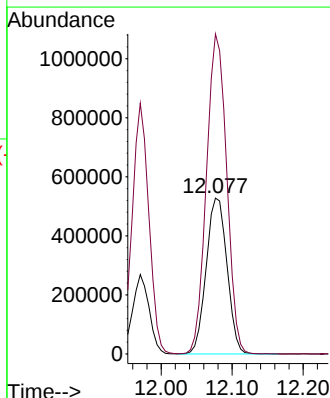
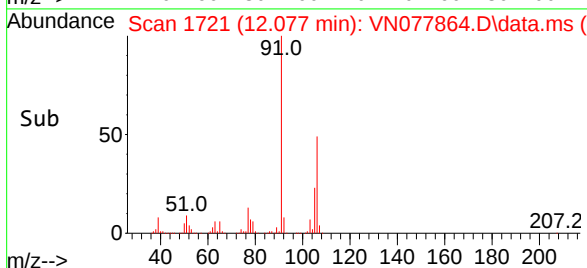
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

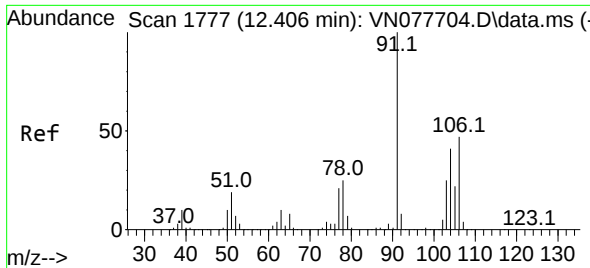


#68
m/p-Xylenes
Concen: 113.320 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



Tgt Ion:106 Resp: 1074782
Ion Ratio Lower Upper
106 100
91 199.4 159.6 239.4





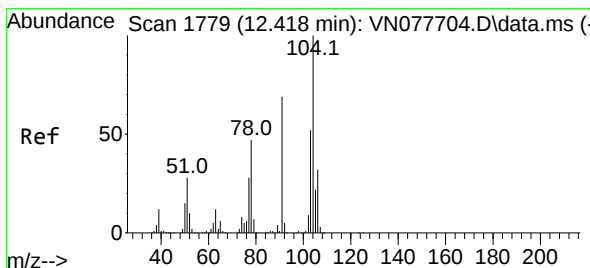
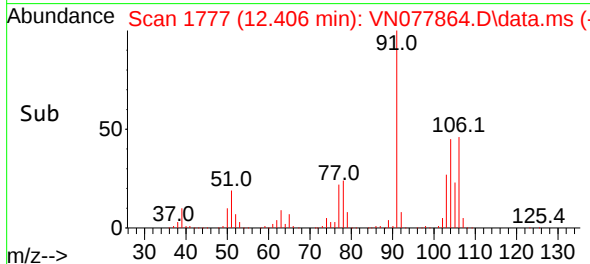
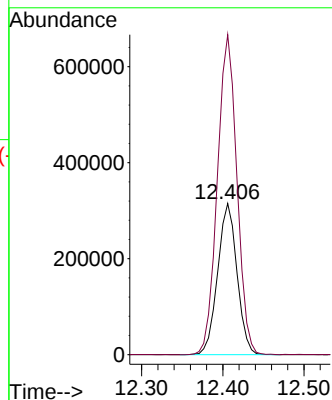
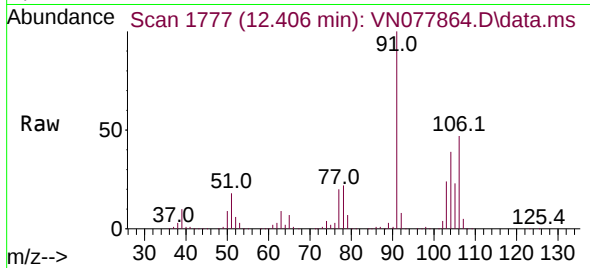
#69
o-Xylene
Concen: 55.969 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 522040
Ion Ratio Lower Upper
106 100
91 214.3 105.2 315.5

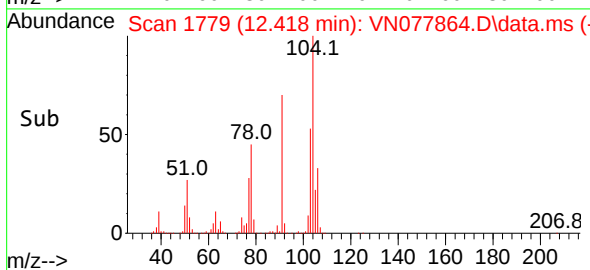
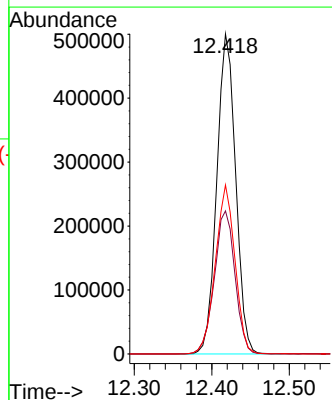
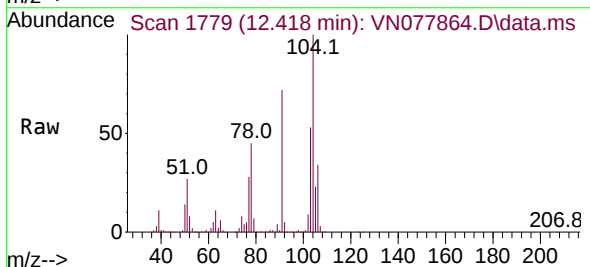
Manual Integrations
APPROVED

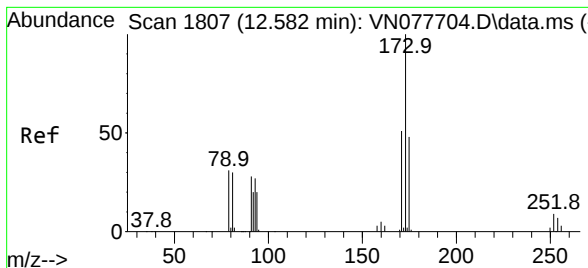
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 57.045 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:104 Resp: 845263
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 60.034 ug/l

RT: 12.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 193015

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

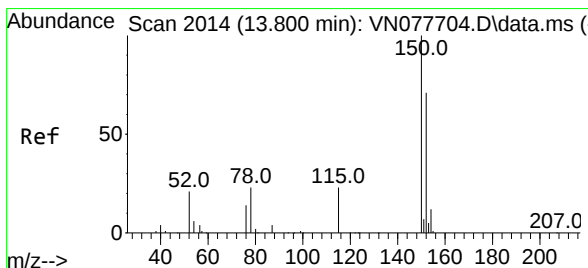
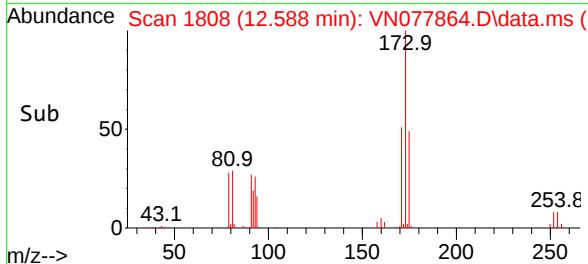
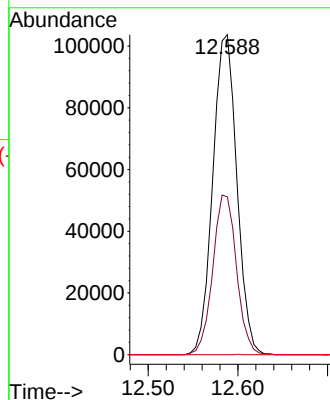
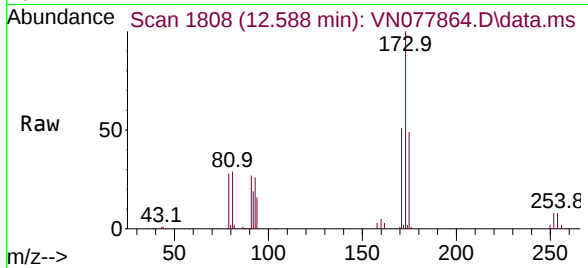
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

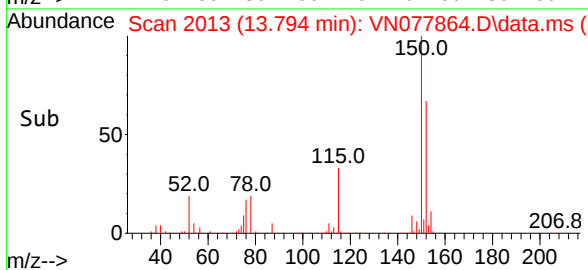
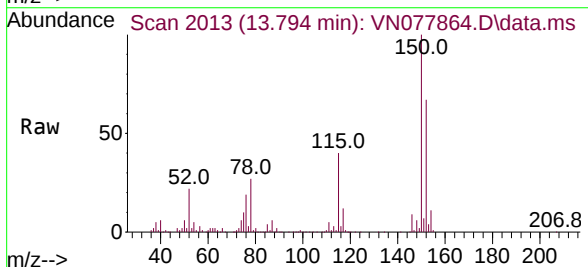
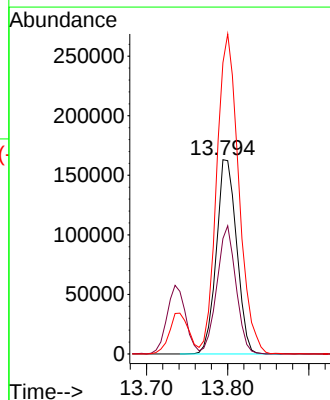
Tgt Ion:152 Resp: 282902

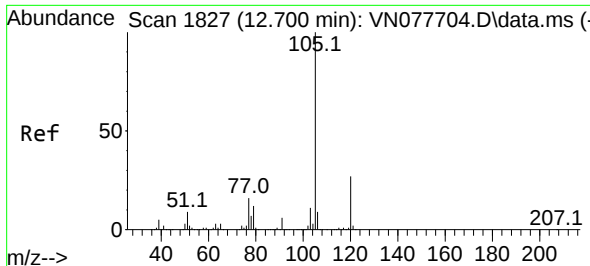
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

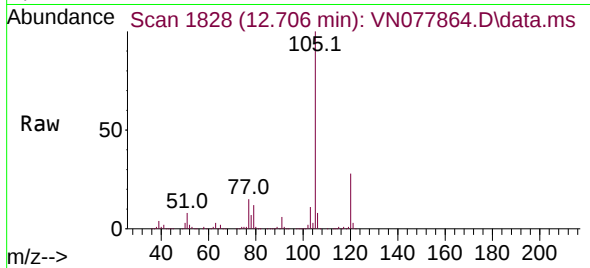
150 178.9 0.0 355.8





#73
Isopropylbenzene
Concen: 56.274 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

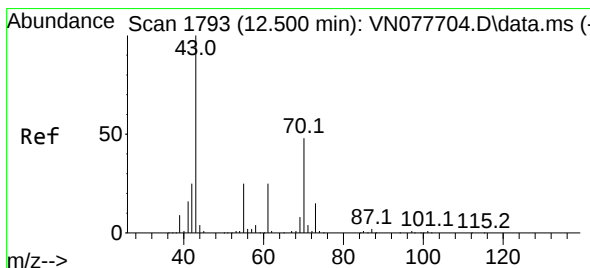
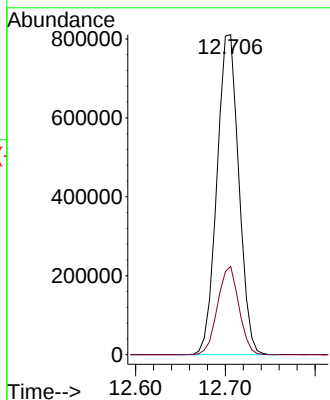
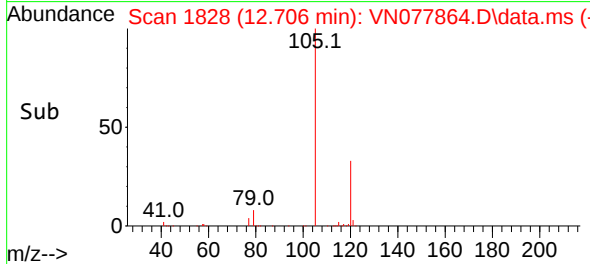
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 137230
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

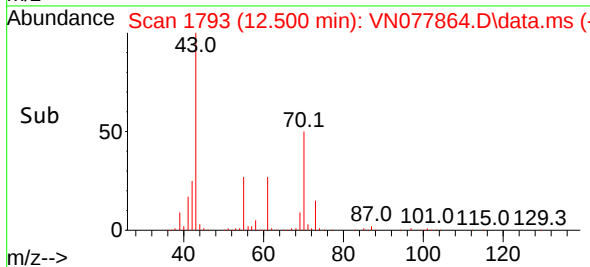
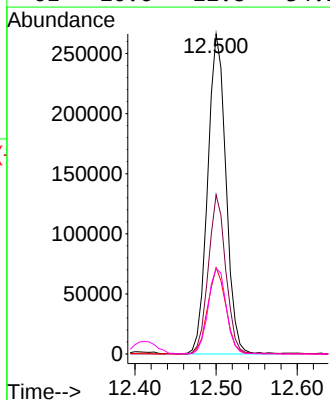
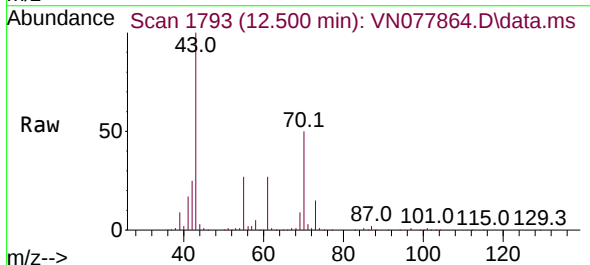
Manual Integrations
APPROVED

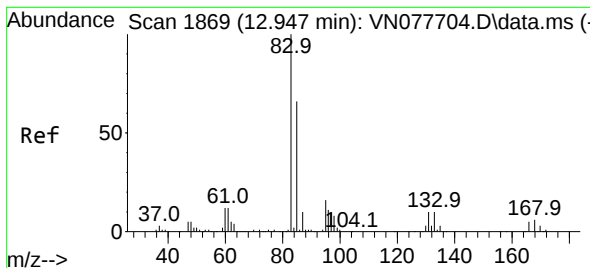
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#74
N-ethyl acetate
Concen: 46.100 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

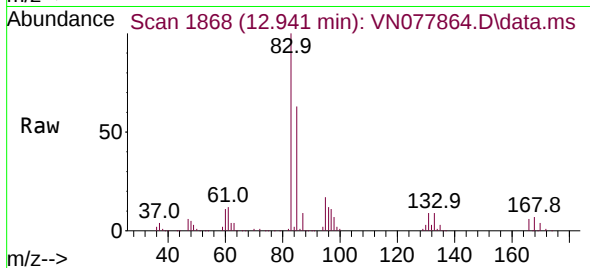
Tgt Ion: 43 Resp: 415540
Ion Ratio Lower Upper
43 100
70 47.7 43.4 65.2
55 26.8 21.4 32.0
61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

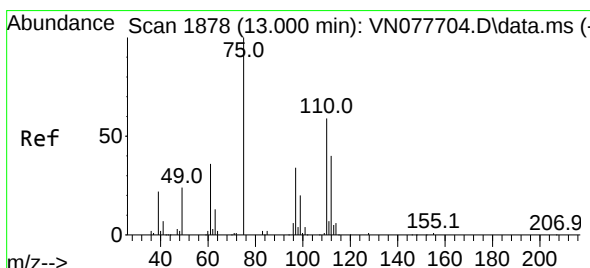
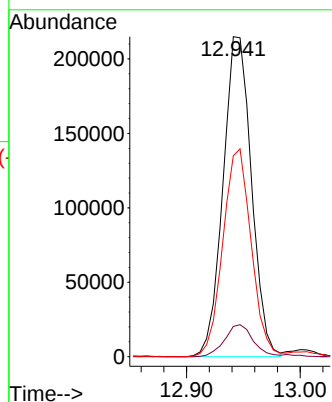
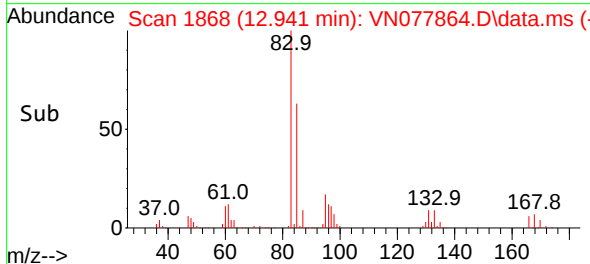
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



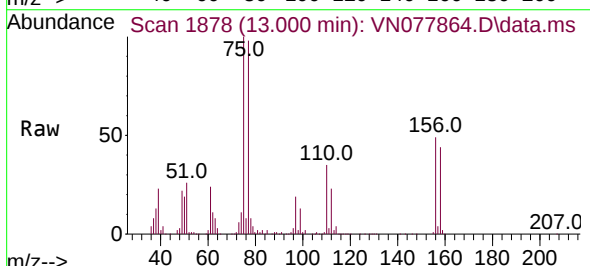
Tgt Ion: 83 Resp: 373894
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.9 31.9 95.7

Manual Integrations
APPROVED

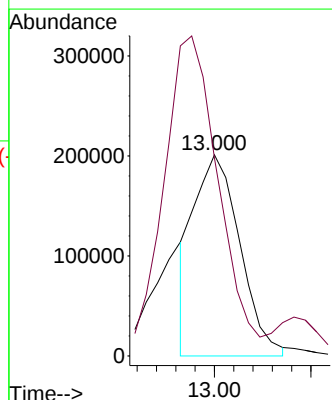
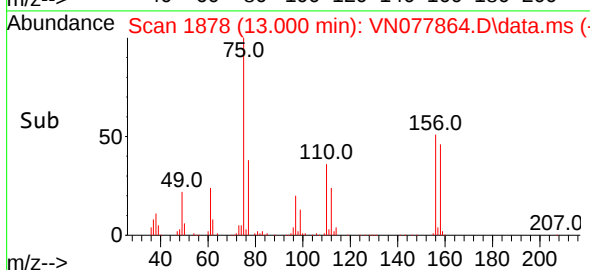
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

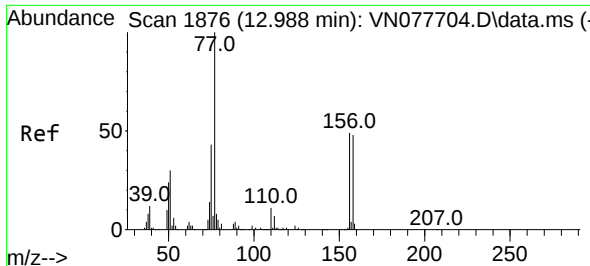


#76
1,2,3-Trichloropropane
Concen: 47.156 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



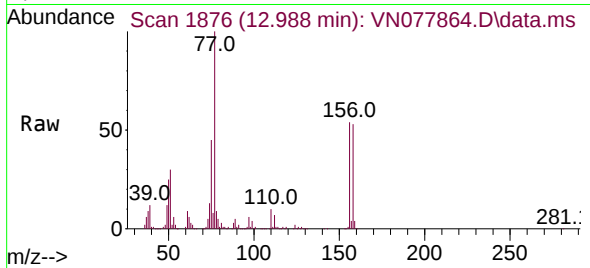
Tgt Ion: 75 Resp: 334092
Ion Ratio Lower Upper
75 100
77 188.5 84.5 253.5





#77
Bromobenzene
Concen: 53.951 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

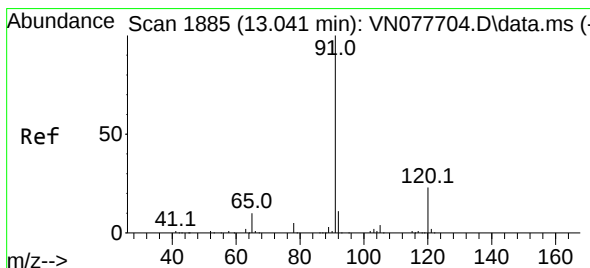
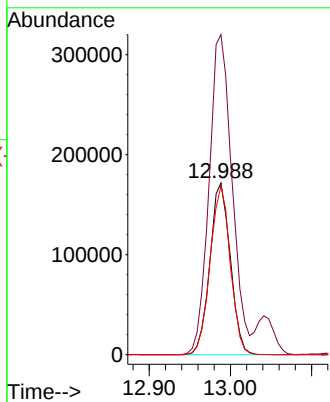
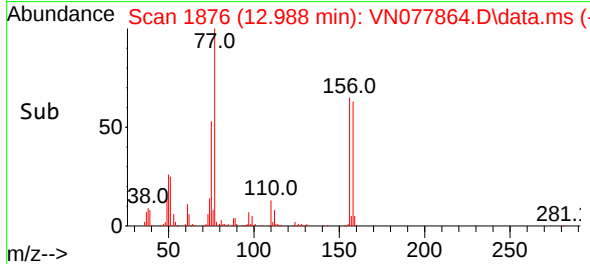
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



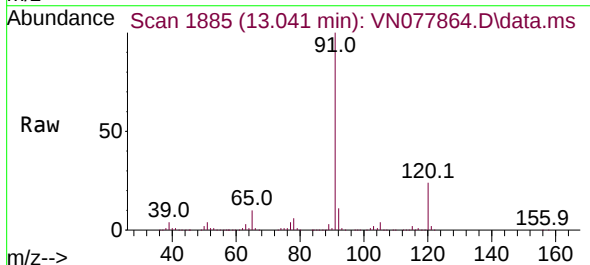
Tgt Ion:156 Resp: 30024
Ion Ratio Lower Upper
156 100
77 209.8 107.7 323.3
158 96.9 48.4 145.3

Manual Integrations
APPROVED

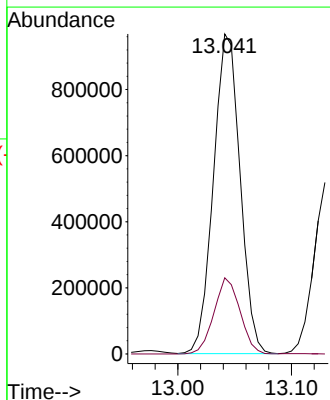
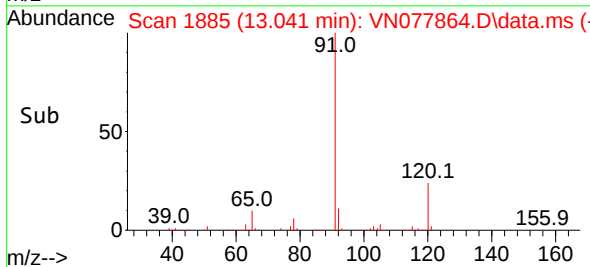
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

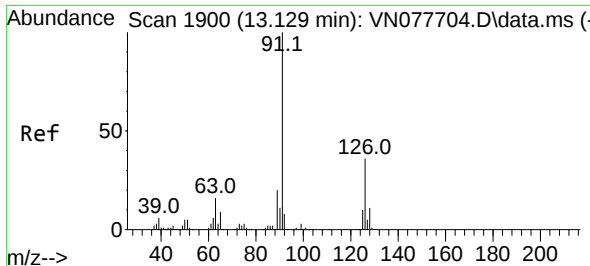


#78
n-propylbenzene
Concen: 54.852 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19



Tgt Ion: 91 Resp: 1576983
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





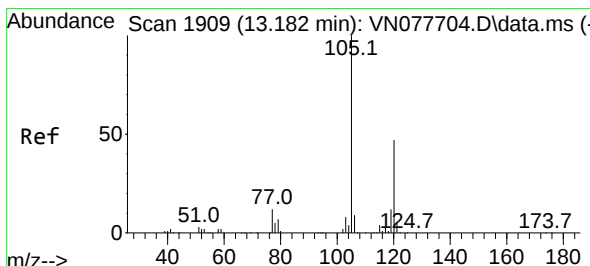
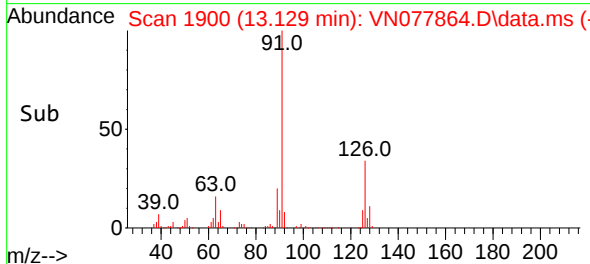
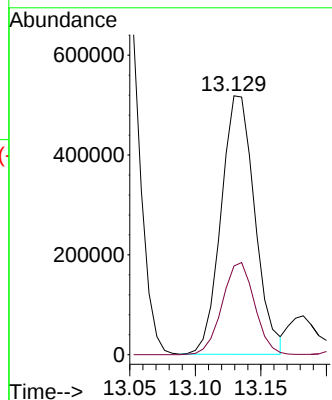
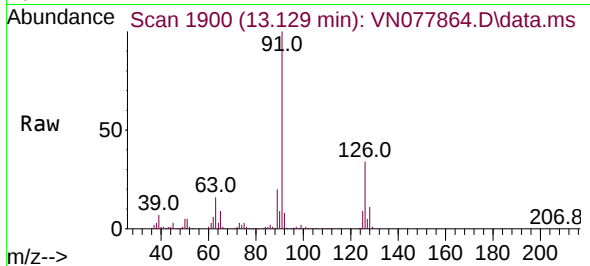
#79
2-Chlorotoluene
Concen: 54.119 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 928435
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

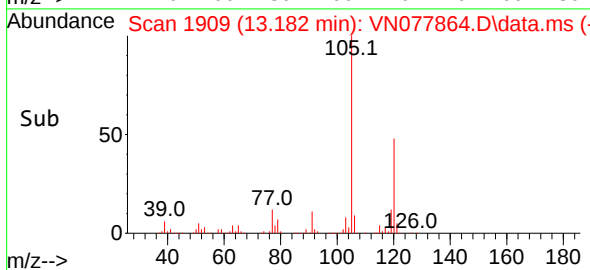
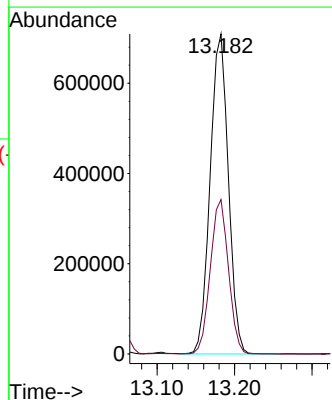
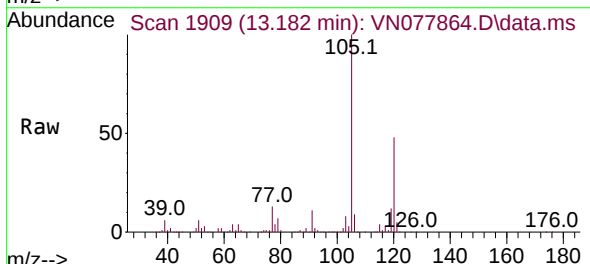
Manual Integrations
APPROVED

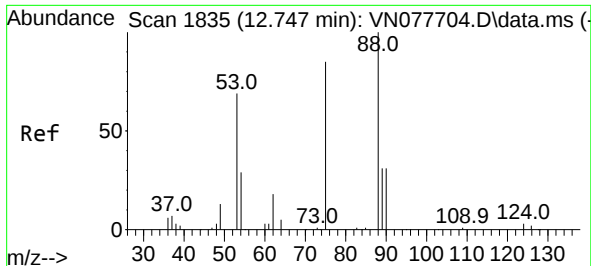
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.452 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:105 Resp: 1157016
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





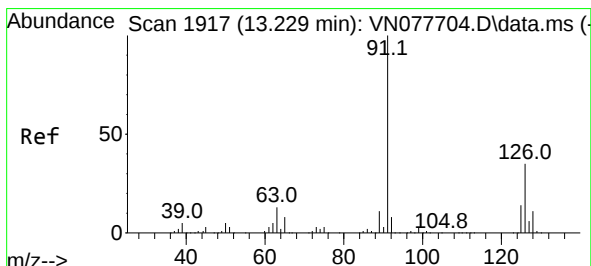
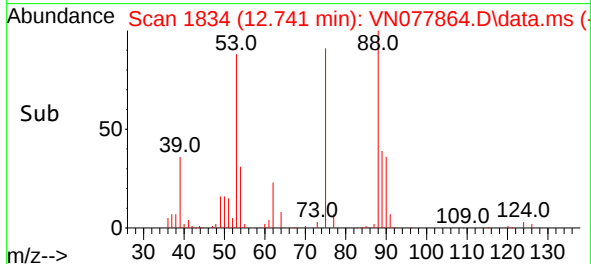
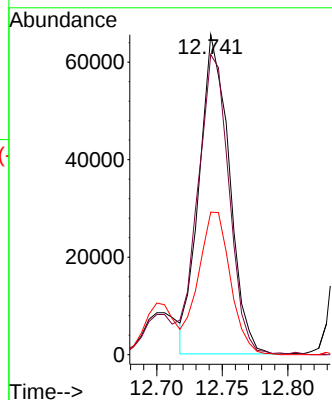
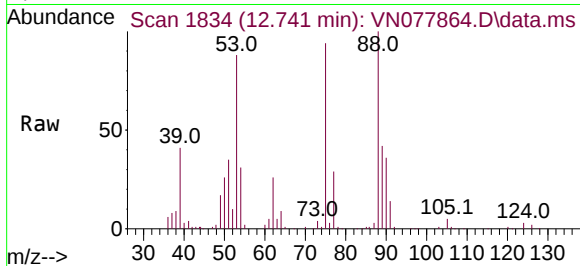
#81
trans-1,4-Dichloro-2-butene
Concen: 47.022 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 10422
Ion Ratio Lower Upper
75 100
53 98.7 67.4 101.2
89 48.0 38.8 58.2

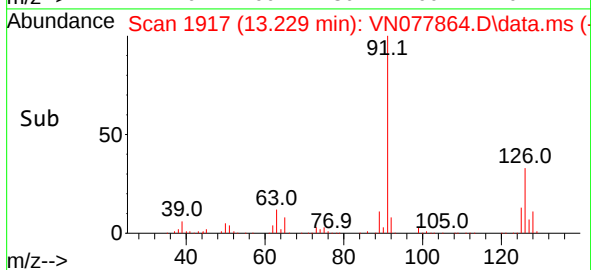
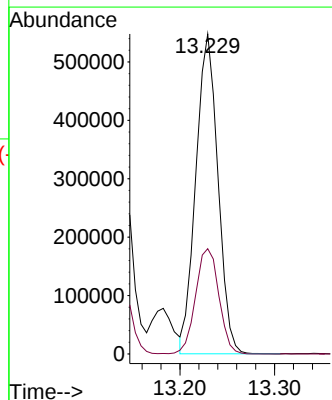
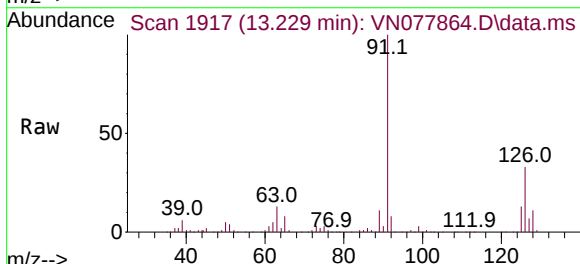
Manual Integrations
APPROVED

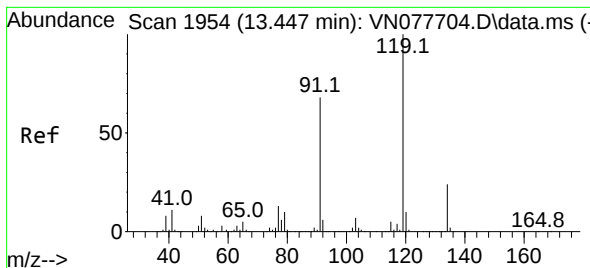
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 51.876 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 91 Resp: 885473
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





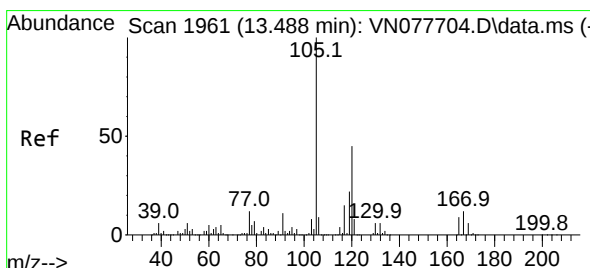
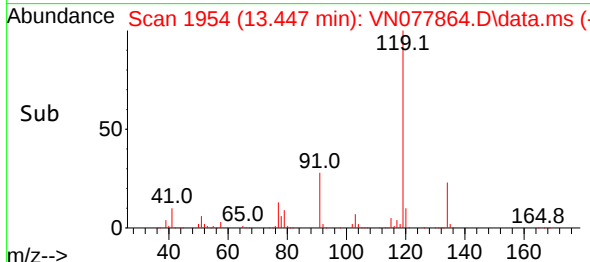
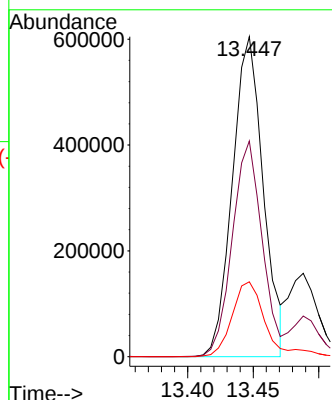
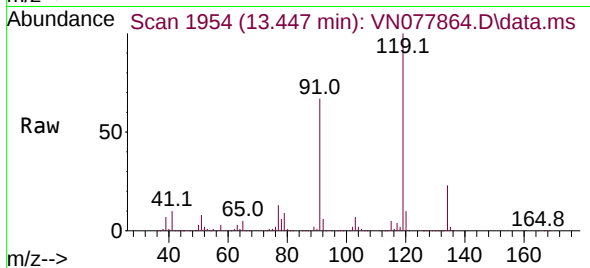
#83
tert-Butylbenzene
Concen: 55.425 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 99170
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 25.4 13.2 39.6

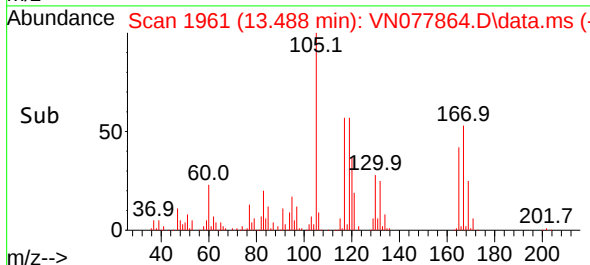
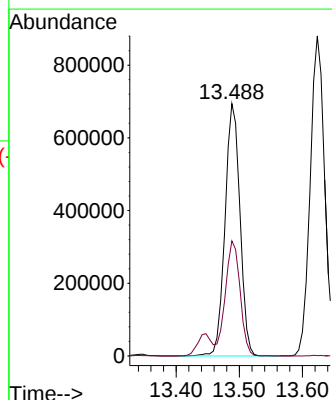
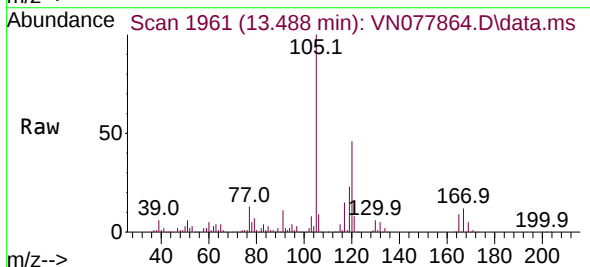
Manual Integrations
APPROVED

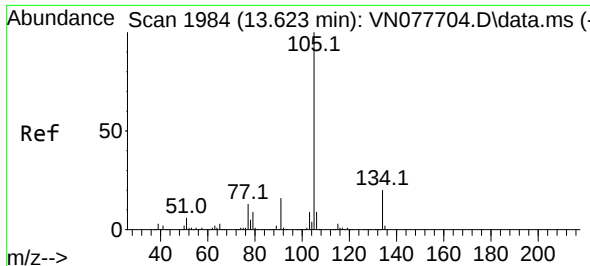
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.593 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:105 Resp: 1140751
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





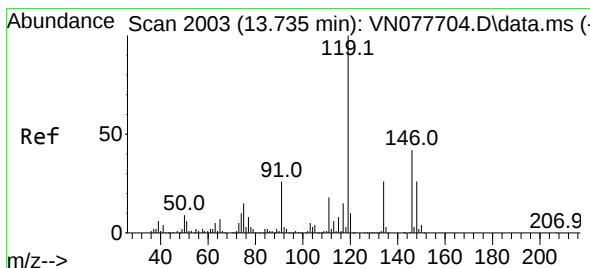
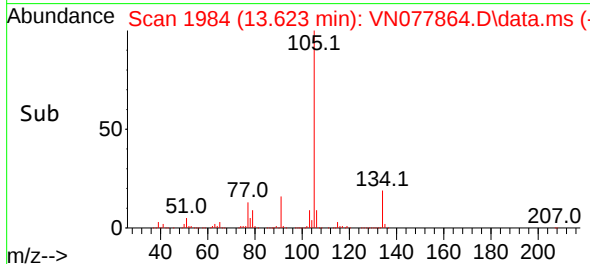
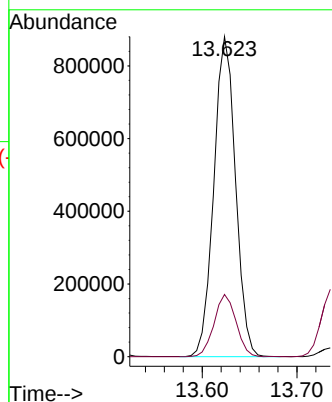
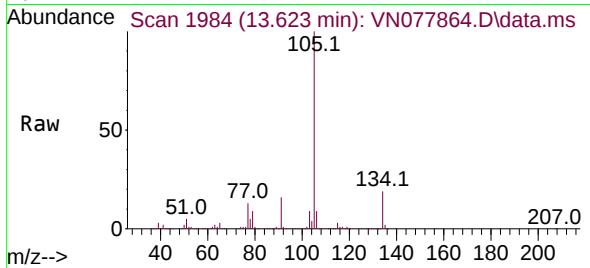
#85
 sec-Butylbenzene
 Concen: 55.033 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 139941
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

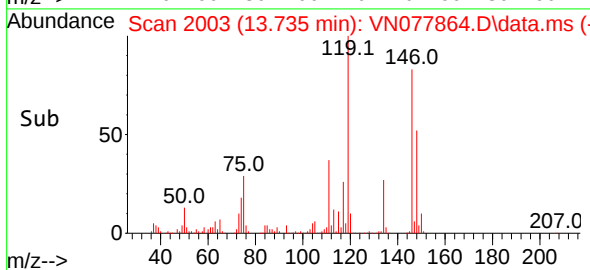
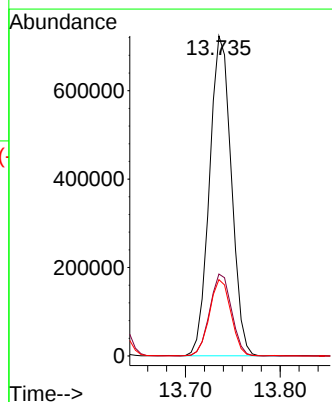
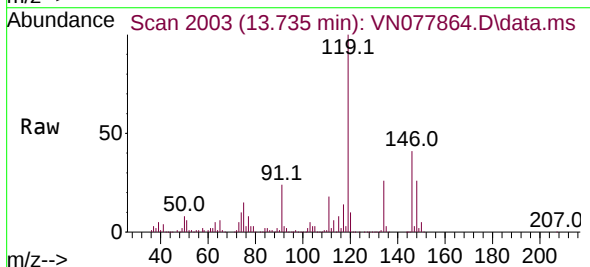
Manual Integrations
 APPROVED

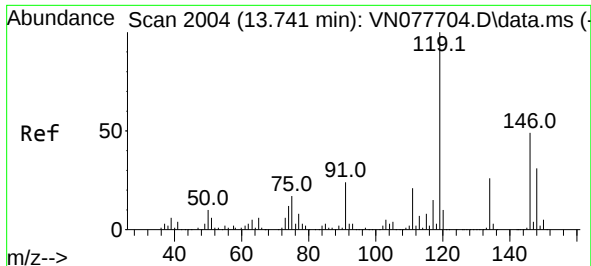
Reviewed By :John Carbone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 57.267 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077864.D
 Acq: 24 May 2023 20:19

Tgt Ion:119 Resp: 1160947
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.107 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 546564

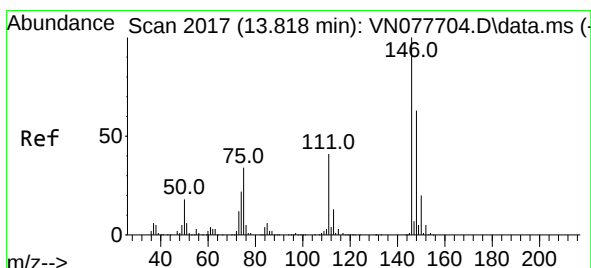
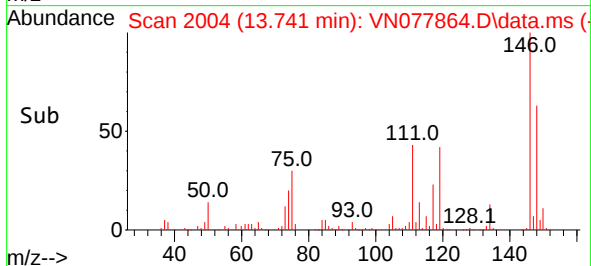
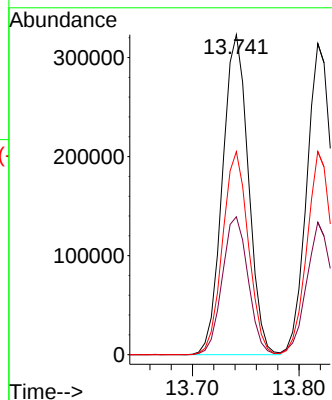
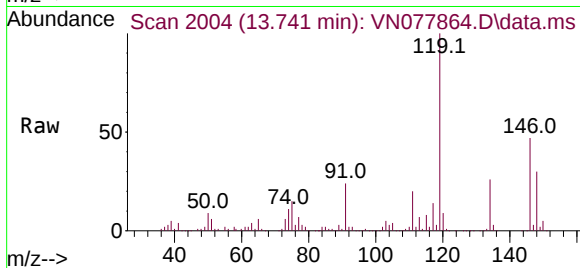
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.1	66.3
148	63.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 51.495 ug/l

RT: 13.818 min Scan# 2017

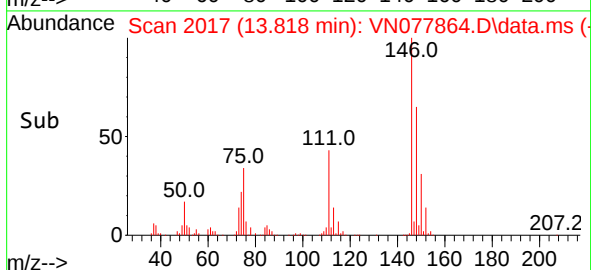
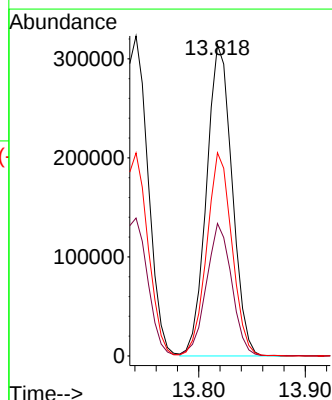
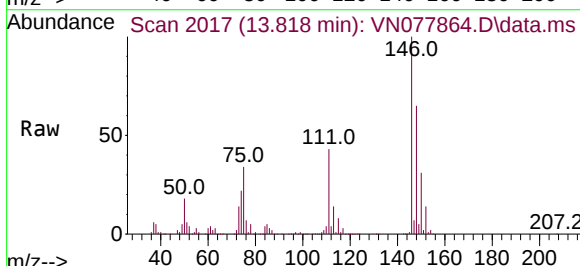
Delta R.T. 0.001 min

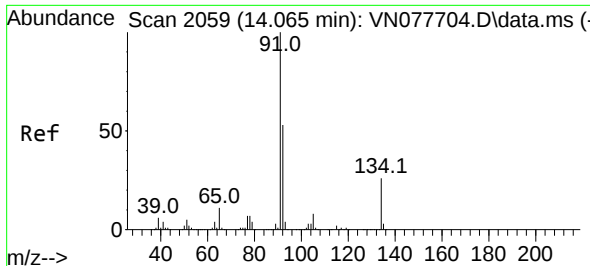
Lab File: VN077864.D

Acq: 24 May 2023 20:19

Tgt Ion:146 Resp: 525908

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.8
148	64.3	31.6	94.8





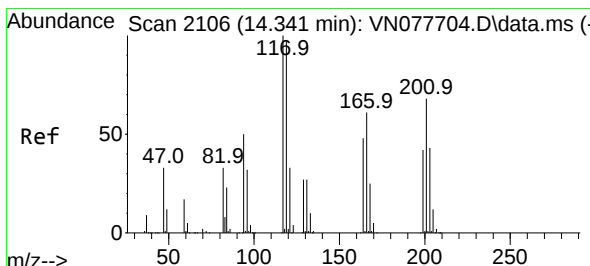
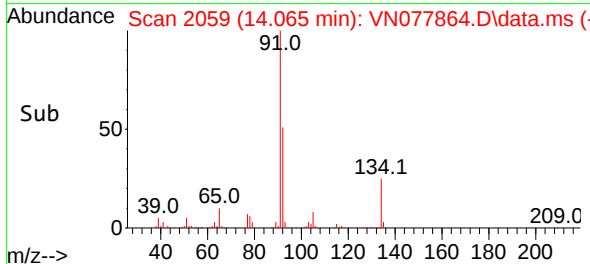
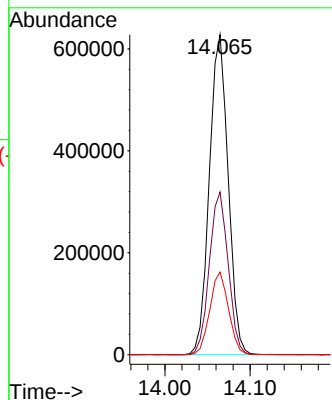
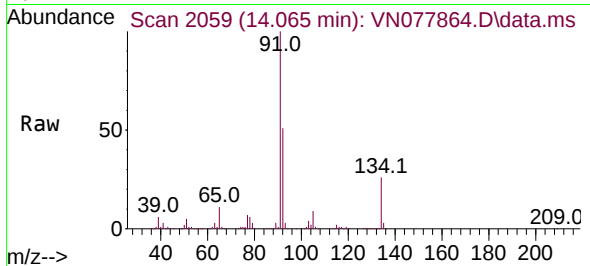
#89
n-Butylbenzene
Concen: 51.595 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 96204
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 25.8 12.6 37.6

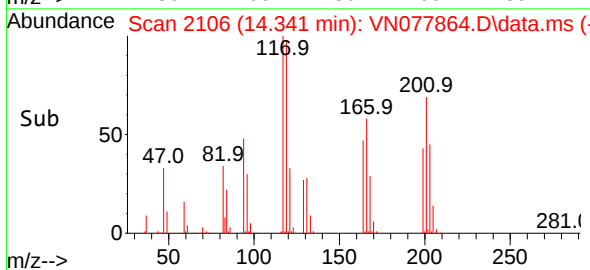
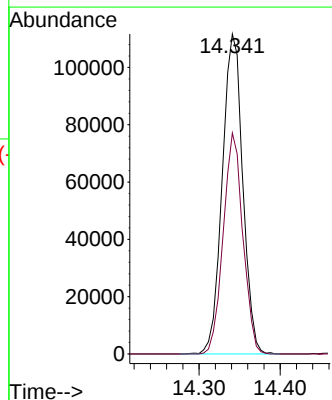
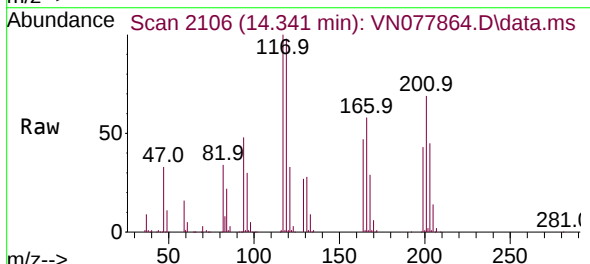
Manual Integrations
APPROVED

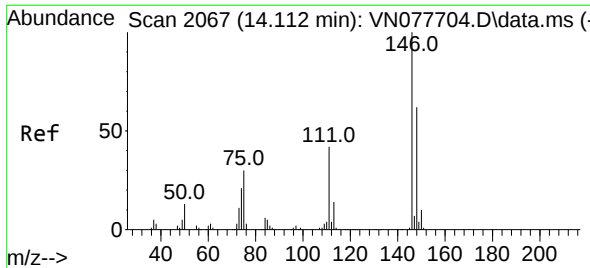
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 58.768 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:117 Resp: 195715
Ion Ratio Lower Upper
117 100
201 66.1 29.3 88.0





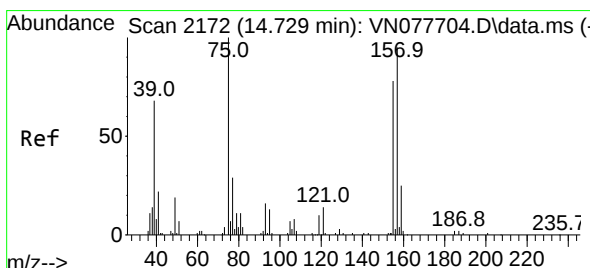
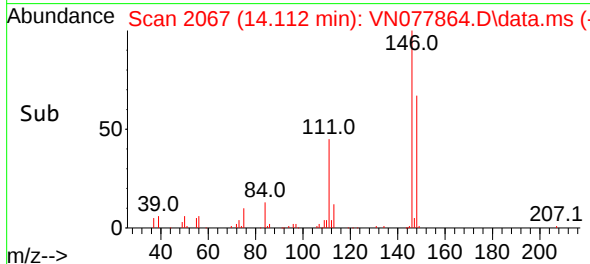
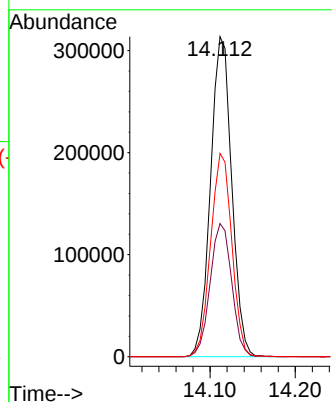
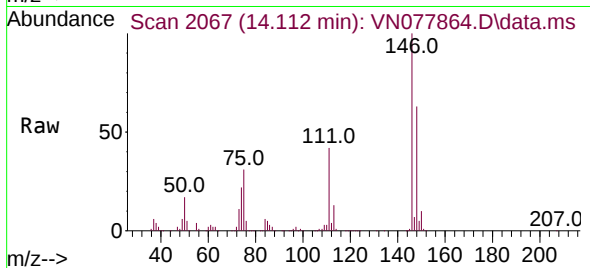
#91
1,2-Dichlorobenzene
Concen: 56.206 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 540398
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.7 31.8 95.3

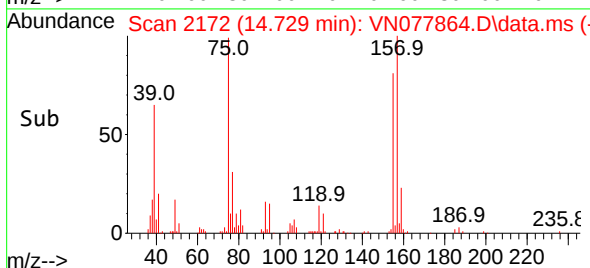
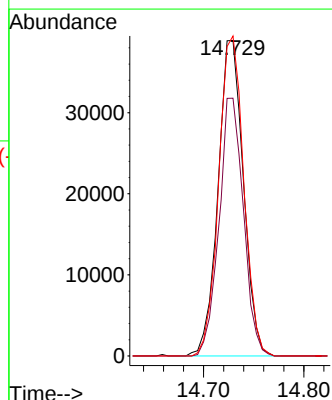
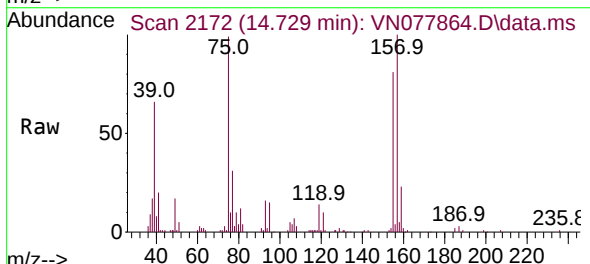
Manual Integrations
APPROVED

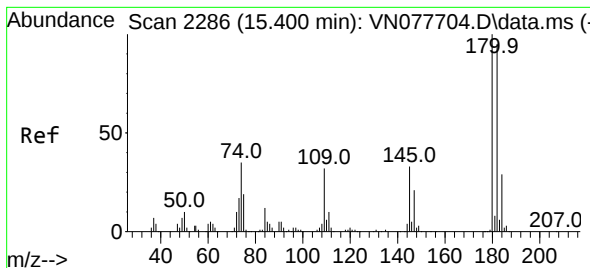
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.947 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion: 75 Resp: 68188
Ion Ratio Lower Upper
75 100
155 78.6 39.1 117.2
157 100.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.690 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077864.D

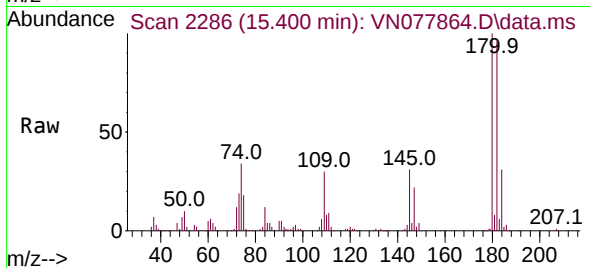
Acq: 24 May 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



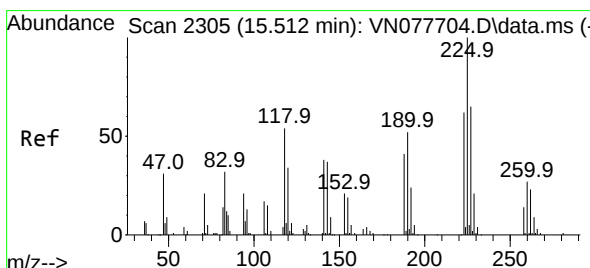
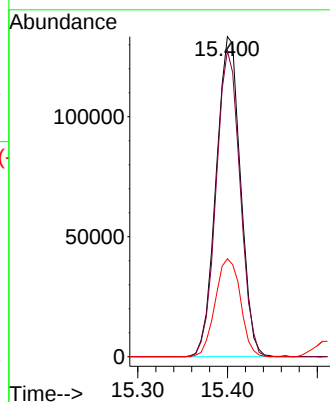
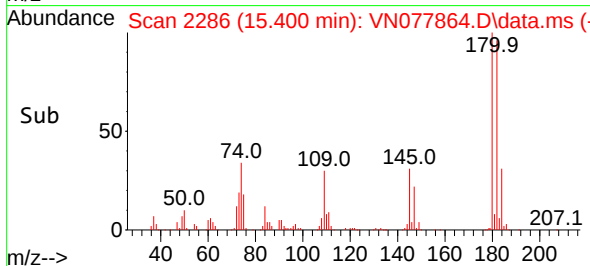
Tgt Ion:	180	Resp:	251092
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.1	138.2
145	31.6	16.6	49.8

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#94

Hexachlorobutadiene

Concen: 48.716 ug/l

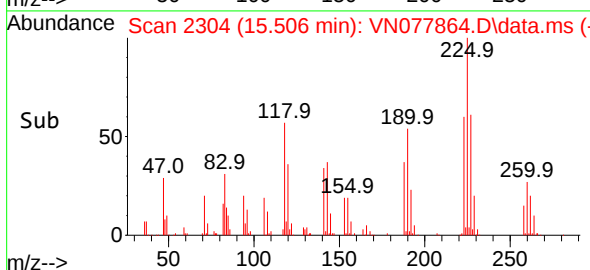
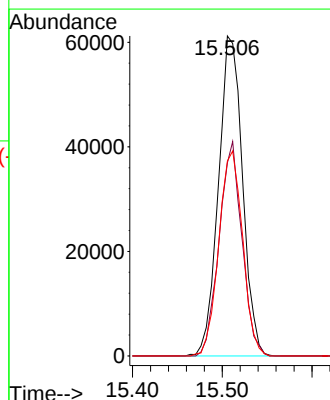
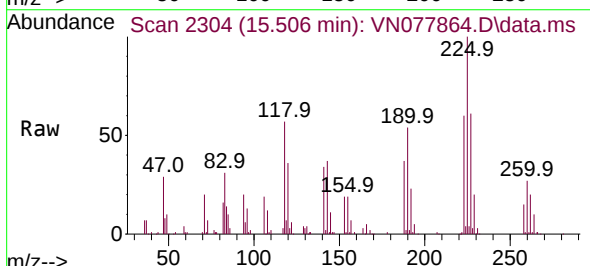
RT: 15.506 min Scan# 2304

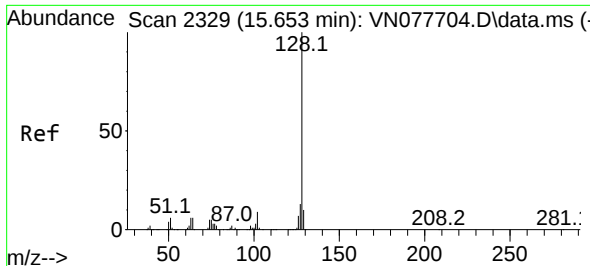
Delta R.T. -0.000 min

Lab File: VN077864.D

Acq: 24 May 2023 20:19

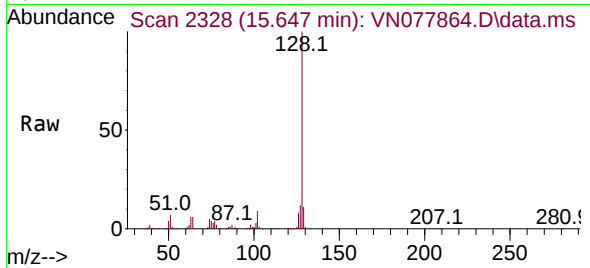
Tgt Ion:	225	Resp:	113645
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.3	93.8
227	63.7	31.9	95.9





#95
Naphthalene
Concen: 40.555 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

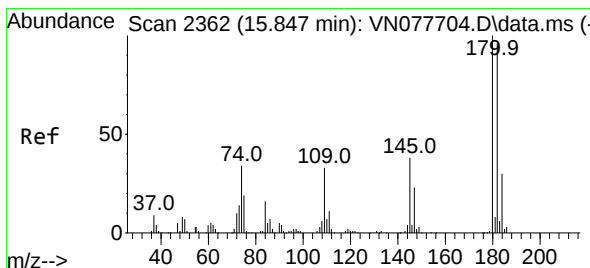
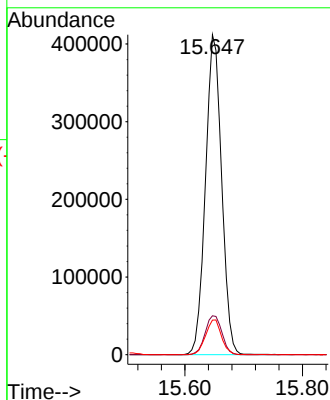
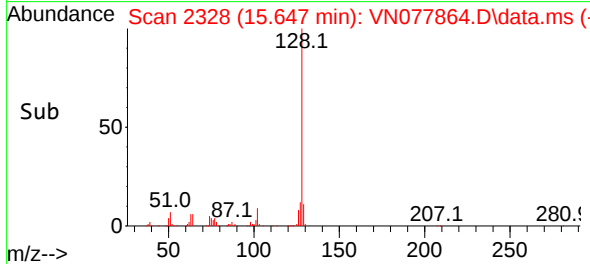
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 78431
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.7 13.1

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Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.228 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077864.D
Acq: 24 May 2023 20:19

Tgt Ion:180 Resp: 254304
Ion Ratio Lower Upper
180 100
182 98.6 46.2 138.6
145 35.2 17.5 52.6

