

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025849.D
 Acq On : 04 May 2023 16:34
 Operator : SY/MD
 Sample : 02574-17
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCQ0MS

Quant Time: May 04 23:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 23:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	649803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	580733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	283690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	223719	24.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
7) Chloroethane-d5	2.893	69	169250	24.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.160%
11) 1,1-Dichloroethene-d2	4.021	65	107040	23.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.069	46	172338	56.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.220%
24) Chloroform-d	7.648	84	442895	23.637	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	8.307	65	261331	24.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.276	84	898663	23.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.276	67	290485	23.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.325	98	802104	23.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	10.575	79	114059	23.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	120375	58.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249852	27.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	251008	24.272	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	103520	14.260	ug/L	92
3) Chloromethane	2.222	50	174140	16.269	ug/L	99
5) Vinyl chloride	2.375	62	185064	16.704	ug/L	99
6) Bromomethane	2.783	94	97620	16.200	ug/L	95
8) Chloroethane	2.930	64	105313	16.717	ug/L	97
9) Trichlorofluoromethane	3.265	101	123206	14.735	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	142338	15.653	ug/L #	71
13) Acetone	4.112	43	261777	96.983	ug/L	99
14) Carbon disulfide	4.393	76	459960	15.651	ug/L	98
15) Methyl Acetate	4.667	43	101913	19.160	ug/L	99
16) Methylene chloride	4.917	84	179951	13.428	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	146567	15.460	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	241985	16.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	312843	16.061	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	161560	15.884	ug/L	93
22) 2-Butanone	7.167	43	147614	39.606	ug/L	99
23) Bromochloromethane	7.508	128	69431	16.113	ug/L	96
25) Chloroform	7.673	83	288397	16.109	ug/L	98
27) 1,2-Dichloroethane	8.398	62	213064	16.758	ug/L	99

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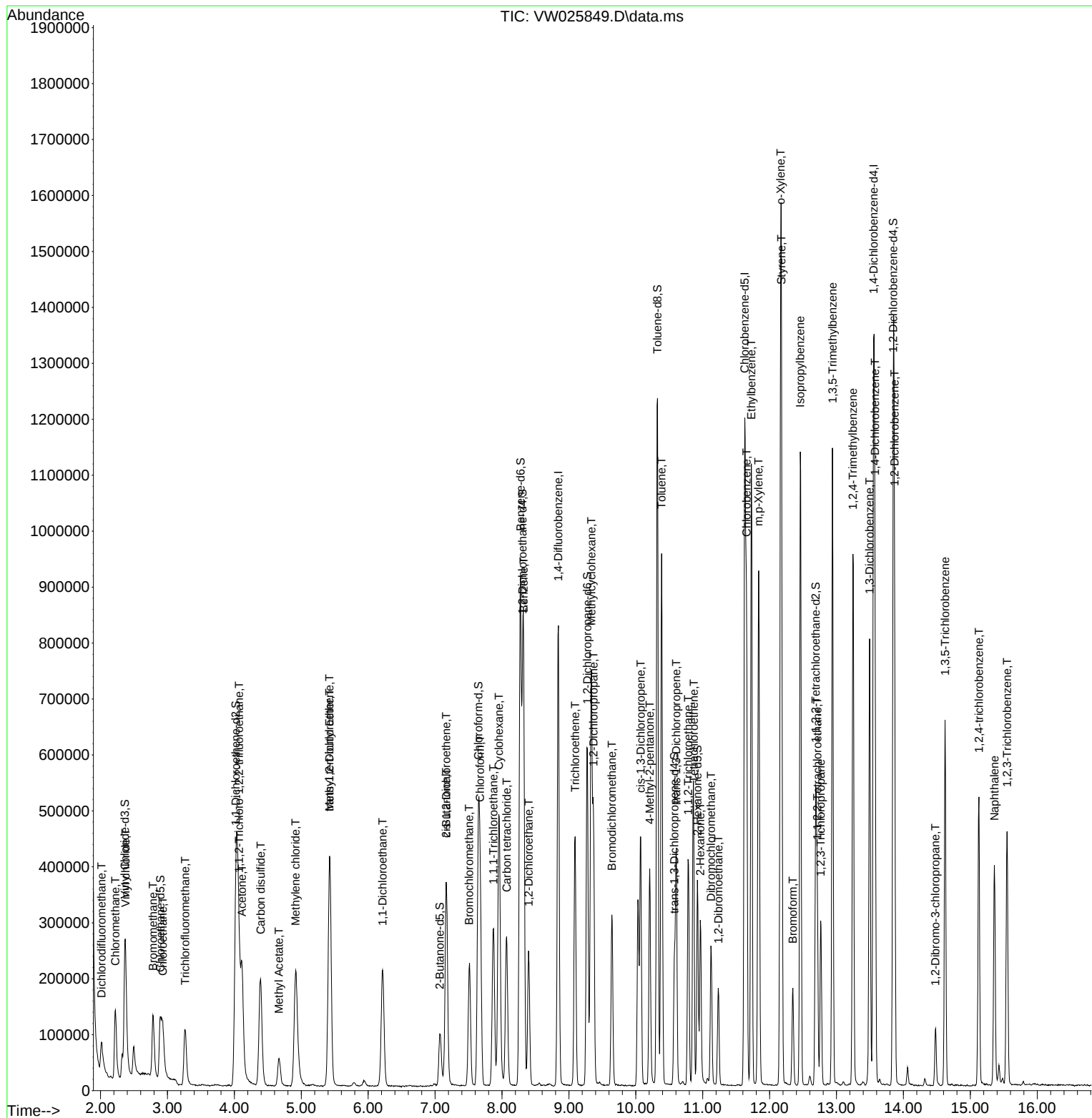
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	275645	15.317	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	226873	15.974	ug/L	99
31) Carbon tetrachloride	8.069	117	202612	15.852	ug/L	98
33) Benzene	8.325	78	643671	16.020	ug/L	100
34) Trichloroethene	9.093	95	161502	15.665	ug/L	95
35) Methylcyclohexane	9.337	83	273005	14.888	ug/L	98
37) 1,2-Dichloropropane	9.367	63	178472	16.213	ug/L	100
38) Bromodichloromethane	9.642	83	203431	16.108	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	263418	16.318	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	274462	38.306	ug/L	99
42) Toluene	10.386	91	655677	15.971	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	222877	16.663	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	125176	17.000	ug/L	97
46) Tetrachloroethene	10.867	164	115841	15.971	ug/L	88
48) 2-Hexanone	10.965	43	195354	38.059	ug/L	99
49) Dibromochloromethane	11.123	129	123750	16.233	ug/L	100
50) 1,2-Dibromoethane	11.233	107	119202	17.560	ug/L	92
51) Chlorobenzene	11.654	112	402693	15.834	ug/L	97
52) Ethylbenzene	11.727	91	748989	16.219	ug/L	99
53) m,p-Xylene	11.837	106	269907	15.880	ug/L	97
54) o-Xylene	12.166	106	256607	16.018	ug/L	96
55) Styrene	12.178	104	452218	16.493	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	164502	17.904	ug/L	100
59) Bromoform	12.349	173	74015	17.614	ug/L	97
60) Isopropylbenzene	12.458	105	696936	16.162	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122091	18.210	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	548889	16.071	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	506036	16.055	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	295304	15.908	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	298148	15.897	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	268865	16.241	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	27323	17.574	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	177151	14.377	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	148440	14.379	ug/L	97
71) Naphthalene	15.360	128	322707	16.563	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	140666	15.357	ug/L	100

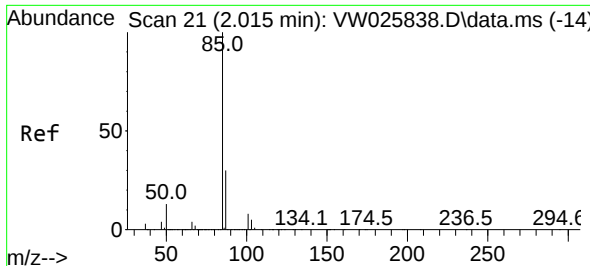
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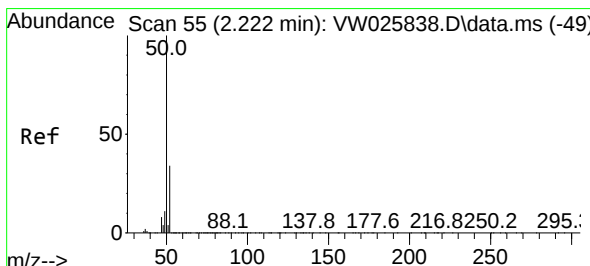
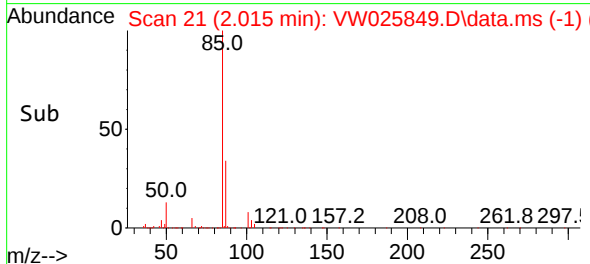
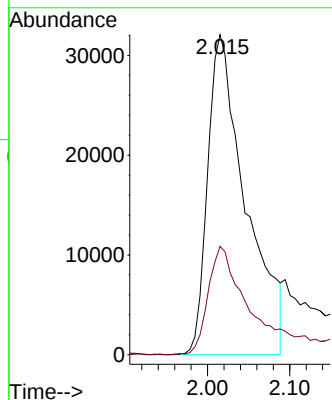
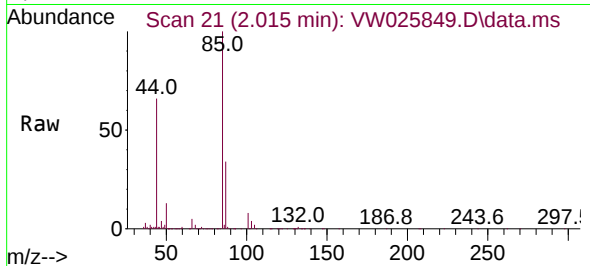




#2
 Dichlorodifluoromethane
 Concen: 14.260 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

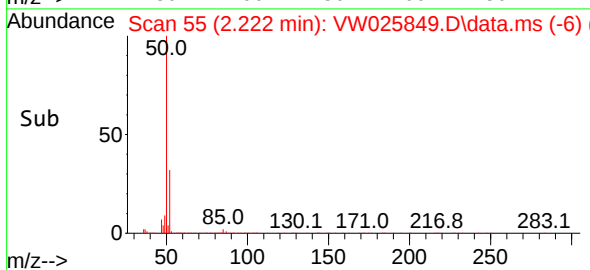
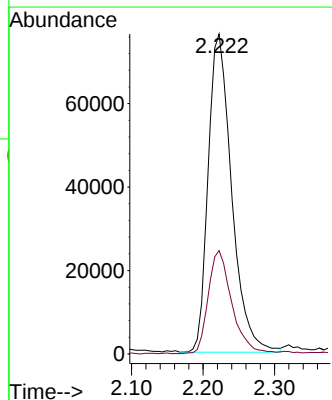
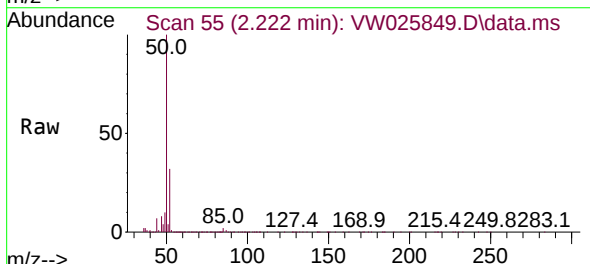
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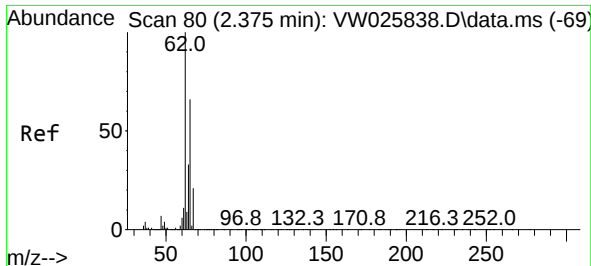
Tgt Ion: 85 Resp: 103520
 Ion Ratio Lower Upper
 85 100
 87 35.2 24.7 37.1



#3
 Chloromethane
 Concen: 16.269 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

Tgt Ion: 50 Resp: 174140
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.1 41.1

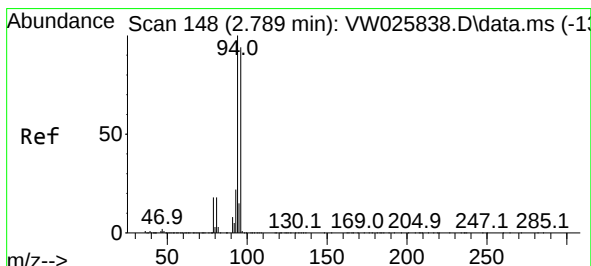
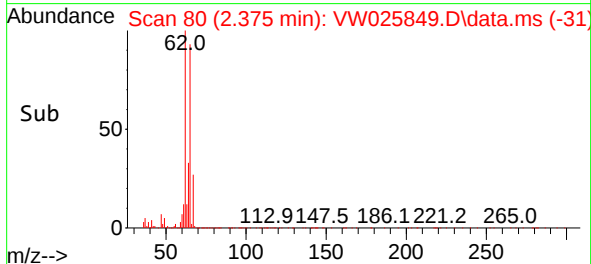
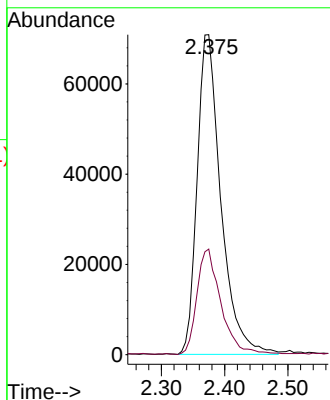
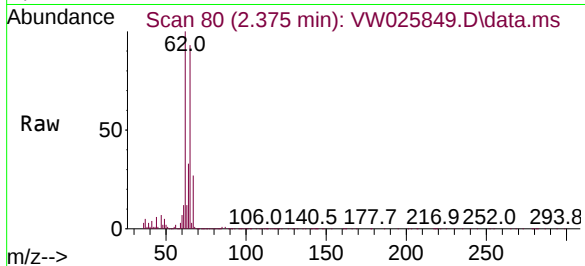




#5
 Vinyl chloride
 Concen: 16.704 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

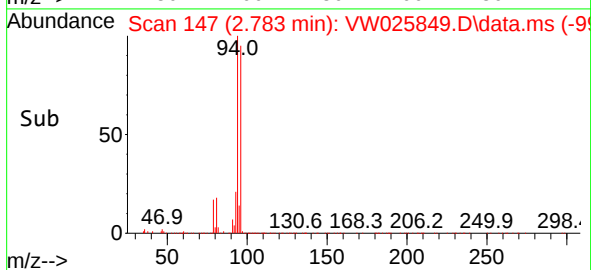
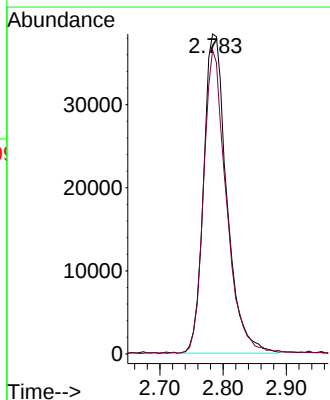
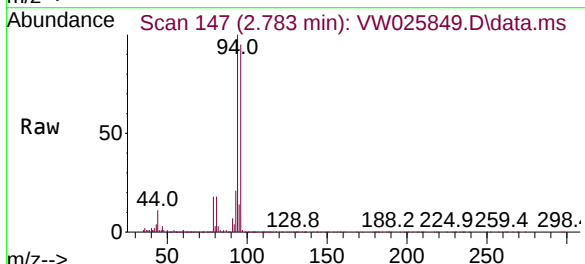
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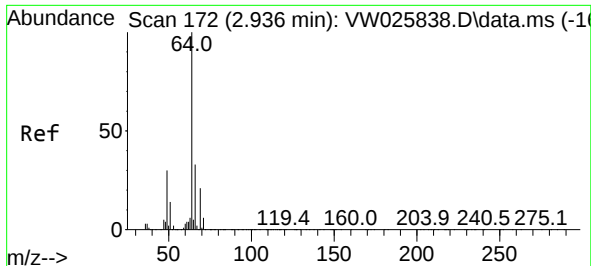
Tgt Ion: 62 Resp: 185064
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 16.200 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

Tgt Ion: 94 Resp: 97620
 Ion Ratio Lower Upper
 94 100
 96 95.0 63.1 117.1

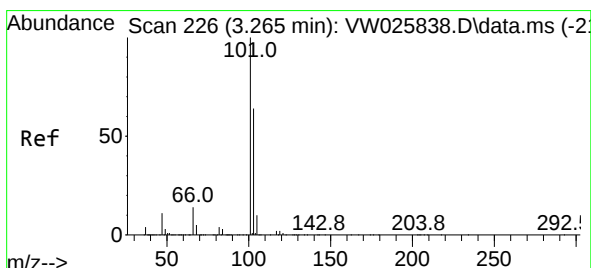
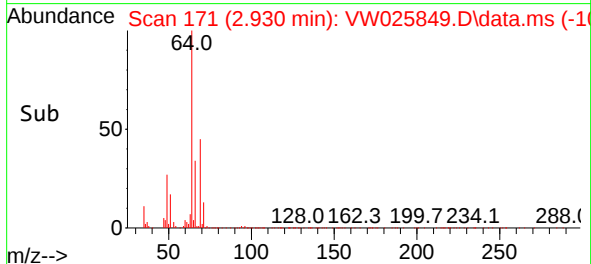
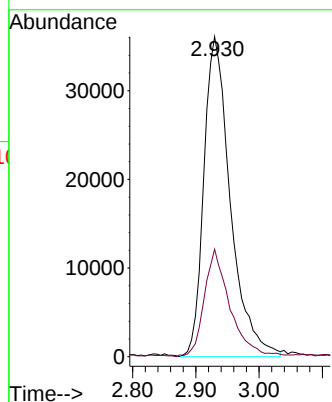
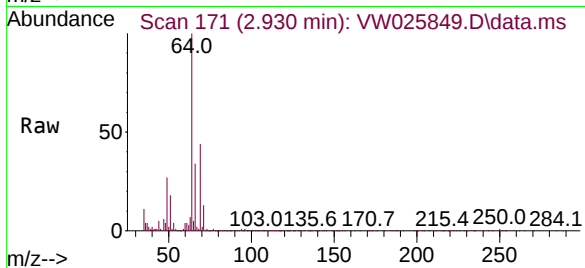




#8
Chloroethane
Concen: 16.717 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

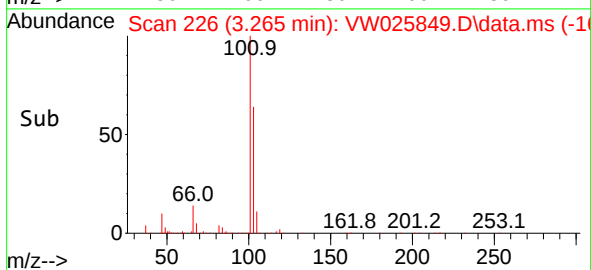
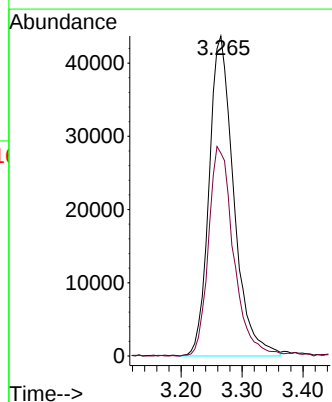
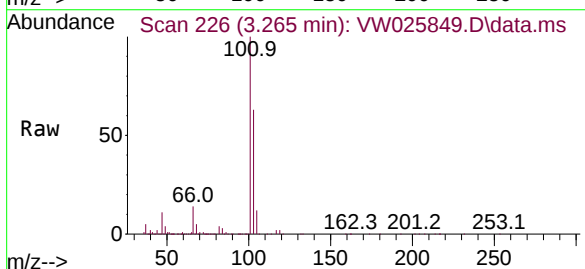
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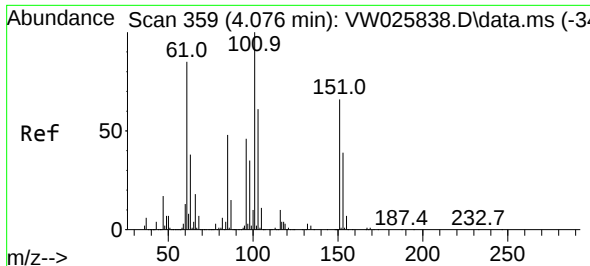
Tgt Ion: 64 Resp: 105313
Ion Ratio Lower Upper
64 100
66 33.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 14.735 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 101 Resp: 123206
Ion Ratio Lower Upper
101 100
103 66.0 50.6 76.0

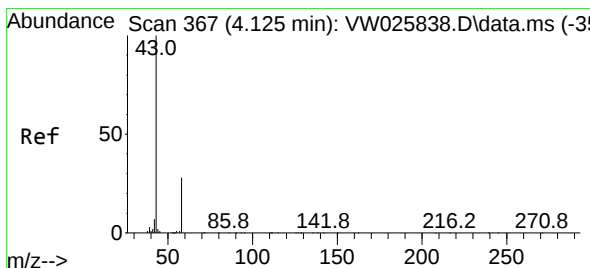
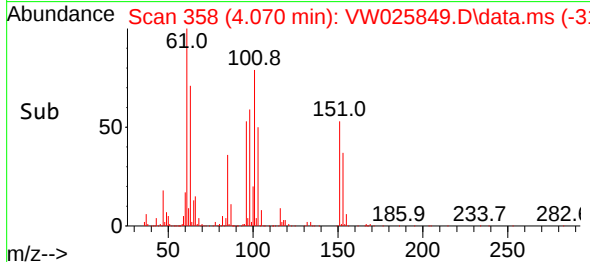
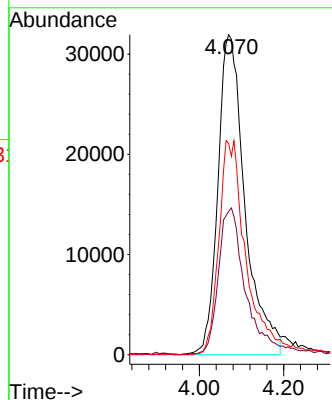
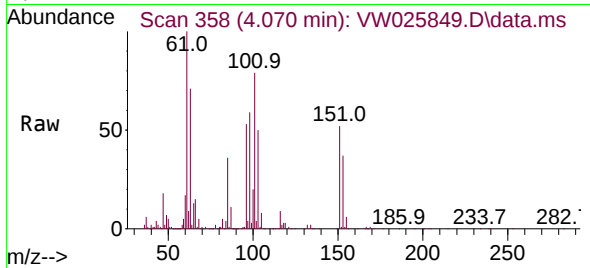




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.653 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

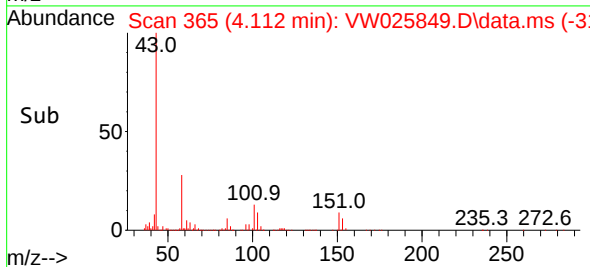
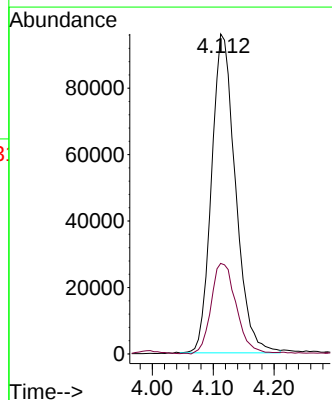
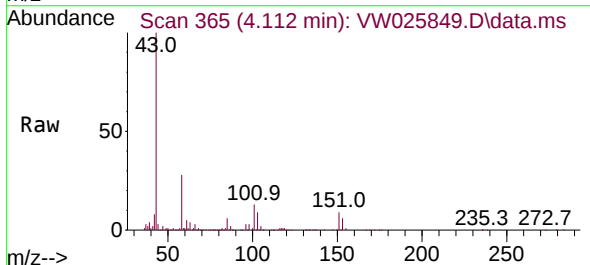
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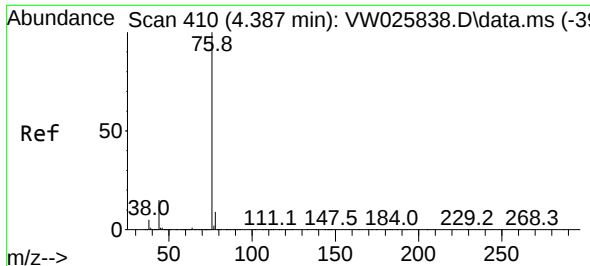
Tgt Ion:101 Resp: 142338
 Ion Ratio Lower Upper
 101 100
 85 45.8 33.9 50.9
 151 32.1 54.2 81.2#



#13
 Acetone
 Concen: 96.983 ug/L
 RT: 4.112 min Scan# 365
 Delta R.T. -0.012 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

Tgt Ion: 43 Resp: 261777
 Ion Ratio Lower Upper
 43 100
 58 29.8 0.0 58.2

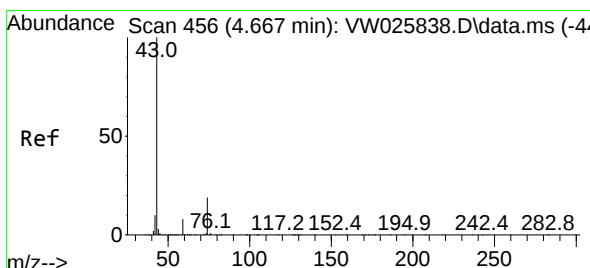
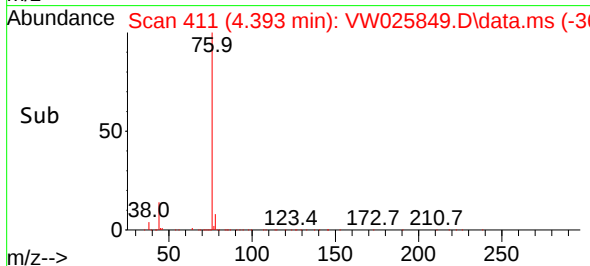
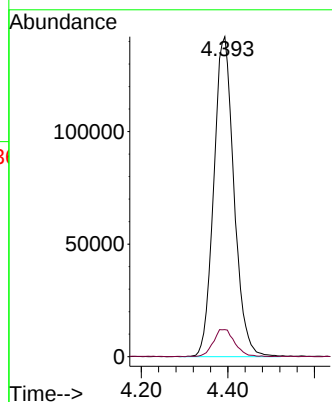
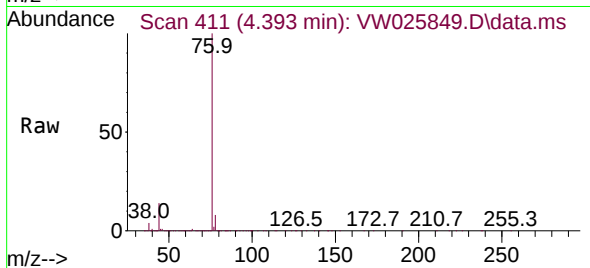




#14
Carbon disulfide
Concen: 15.651 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

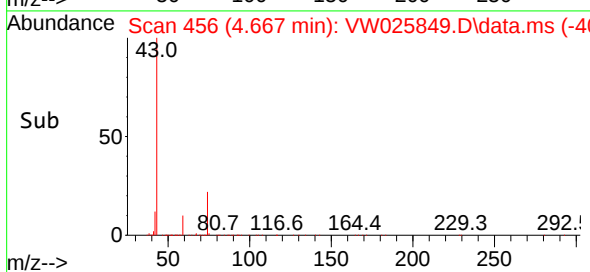
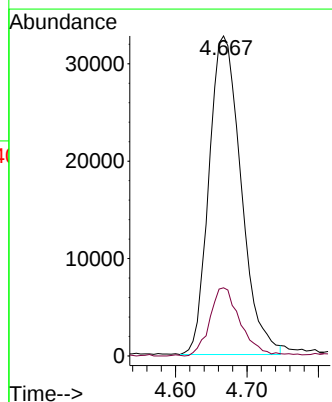
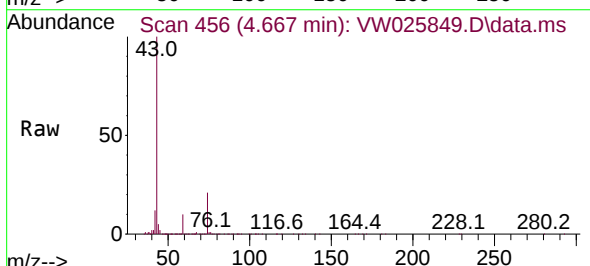
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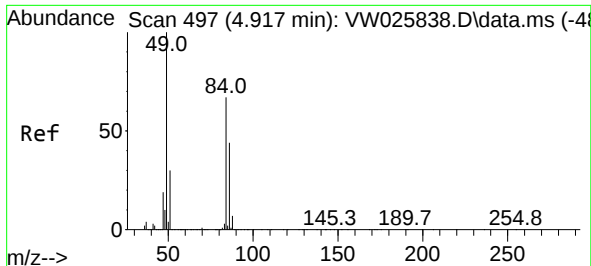
Tgt Ion: 76 Resp: 459960
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#15
Methyl Acetate
Concen: 19.160 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 43 Resp: 101913
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7

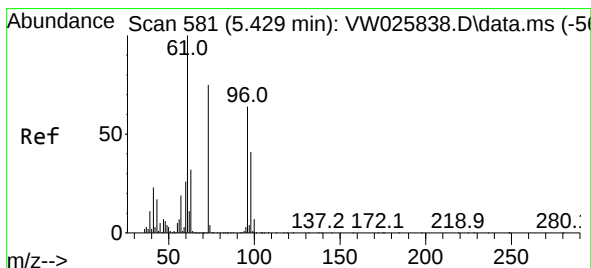
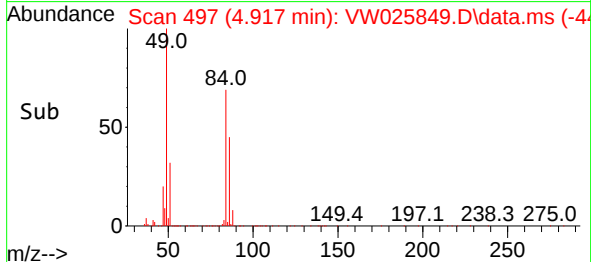
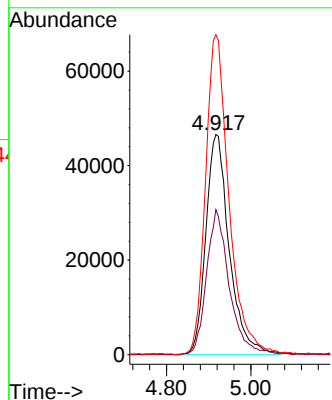
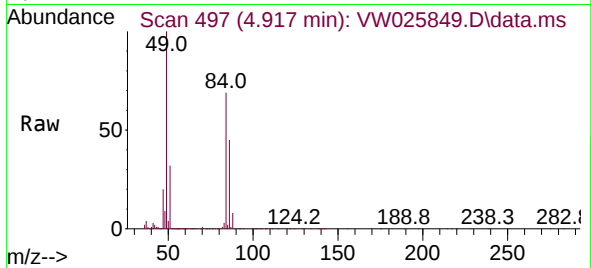




#16
Methylene chloride
Concen: 13.428 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

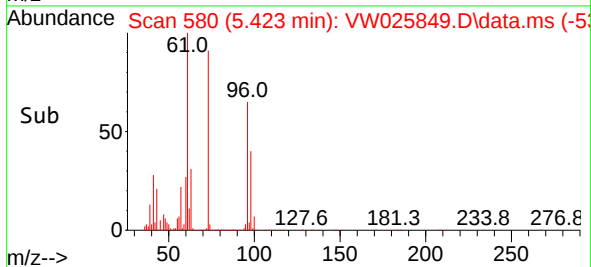
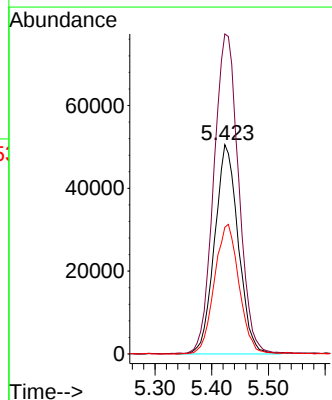
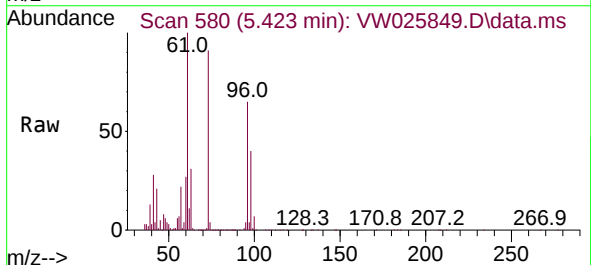
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

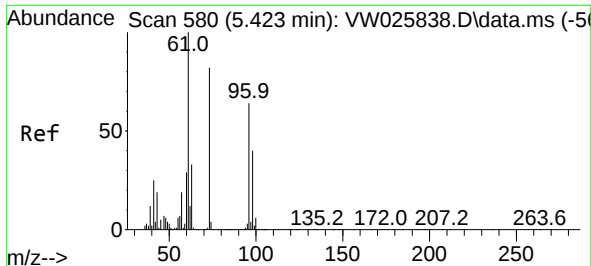
Tgt Ion: 84 Resp: 179951
Ion Ratio Lower Upper
84 100
86 65.8 41.7 77.5
49 145.3 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 15.460 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 96 Resp: 146567
Ion Ratio Lower Upper
96 100
61 152.8 108.1 200.9
98 60.5 44.0 81.8

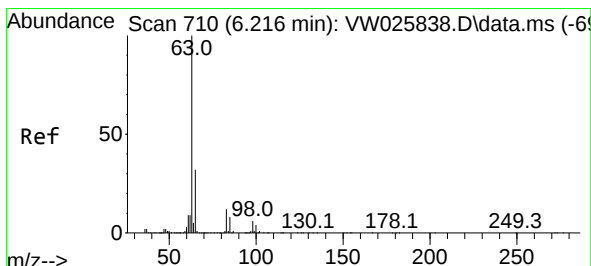
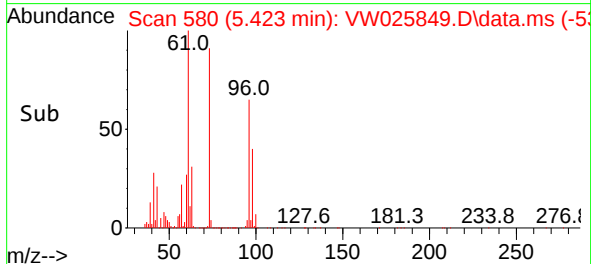
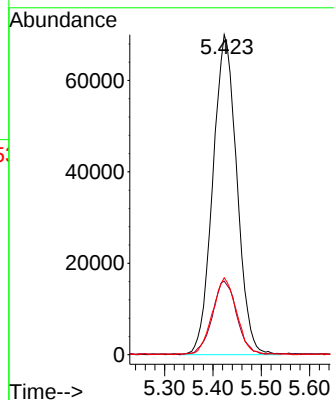
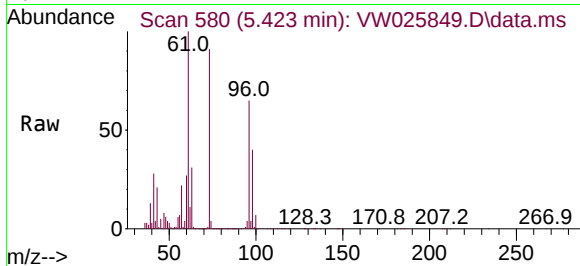




#18
Methyl tert-butyl Ether
Concen: 16.817 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

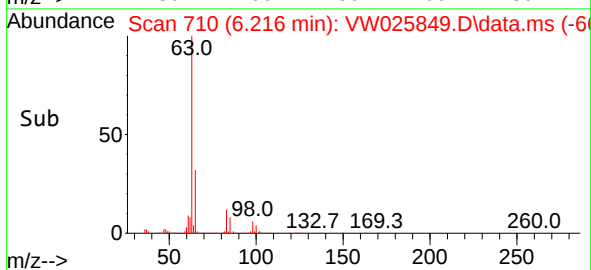
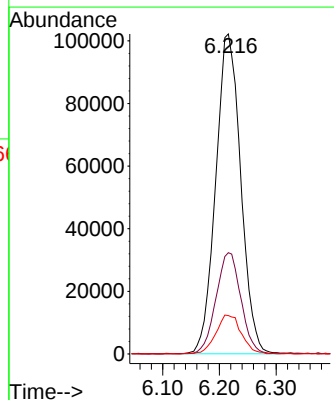
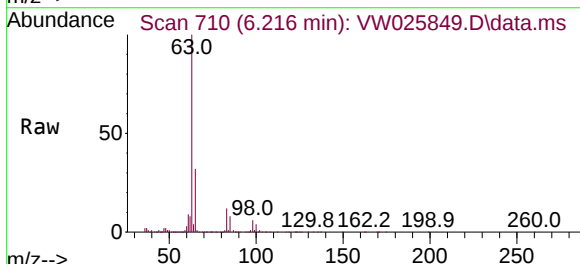
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

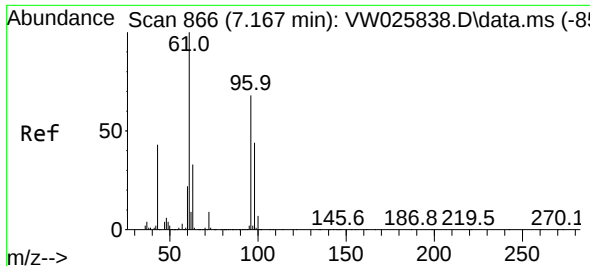
Tgt Ion: 73 Resp: 241985
Ion Ratio Lower Upper
73 100
43 23.5 18.2 27.4
57 23.8 19.2 28.8



#19
1,1-Dichloroethane
Concen: 16.061 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 63 Resp: 312843
Ion Ratio Lower Upper
63 100
65 31.7 22.4 41.6
83 12.0 8.7 16.1

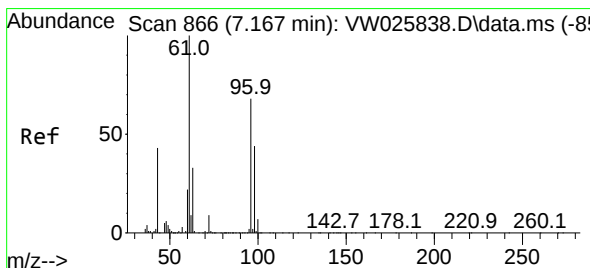
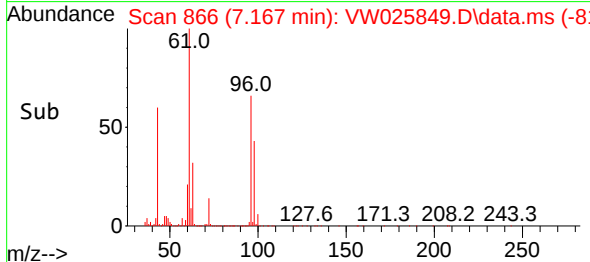
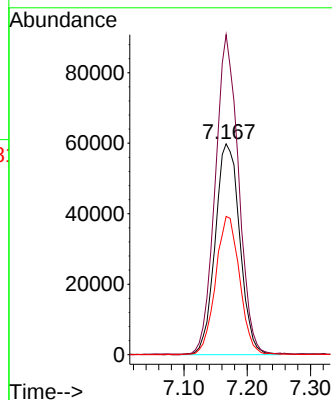
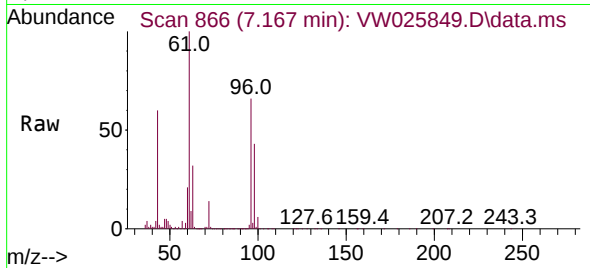




#20
 cis-1,2-Dichloroethene
 Concen: 15.884 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

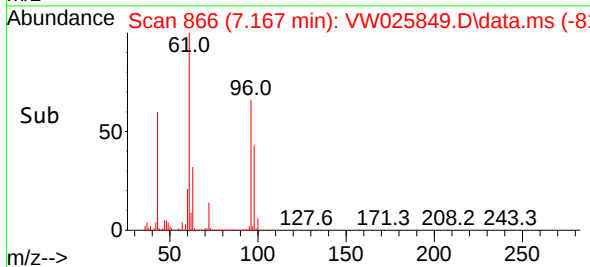
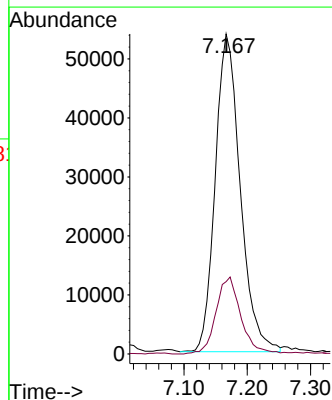
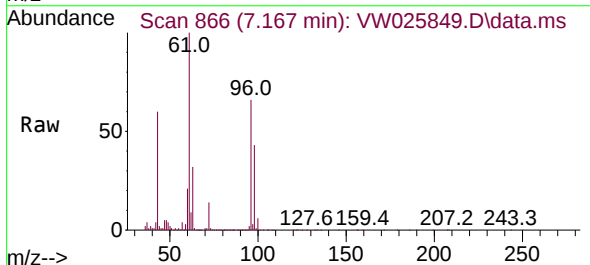
Instrument :
 MSVOA_W
 ClientSampleId :
 DCCQ0MS

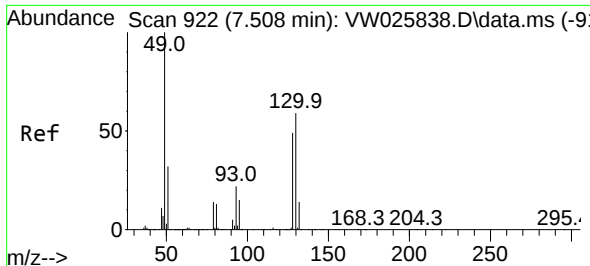
Tgt Ion: 96 Resp: 161560
 Ion Ratio Lower Upper
 96 100
 61 151.8 98.6 183.0
 98 65.6 45.2 84.0



#22
 2-Butanone
 Concen: 39.606 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

Tgt Ion: 43 Resp: 147614
 Ion Ratio Lower Upper
 43 100
 72 24.0 11.8 35.4

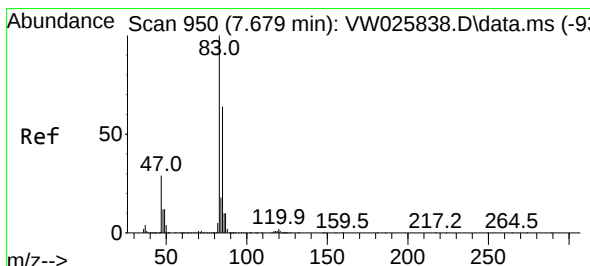
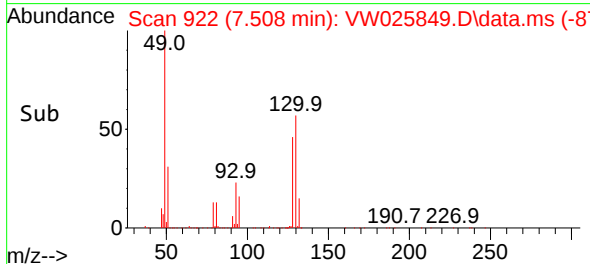
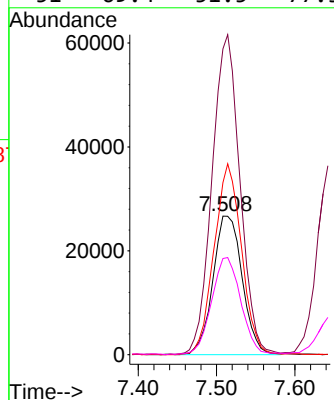
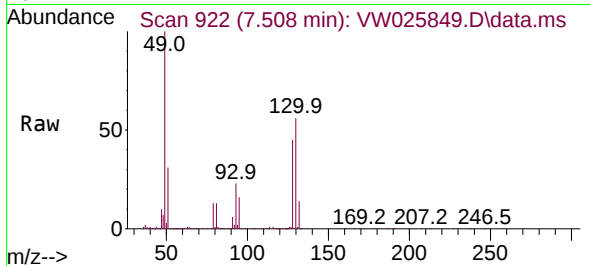




#23
Bromochloromethane
Concen: 16.113 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

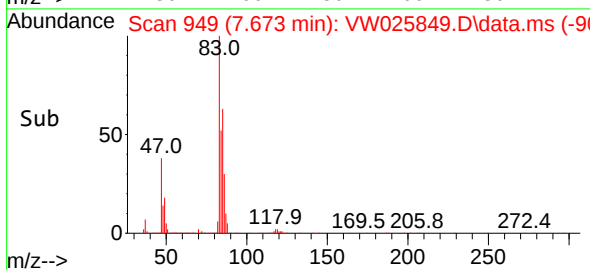
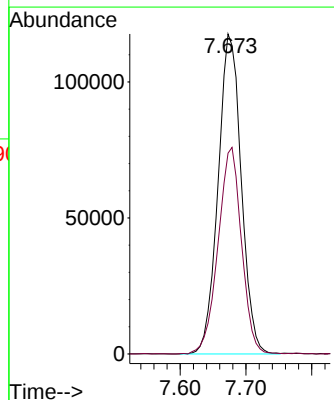
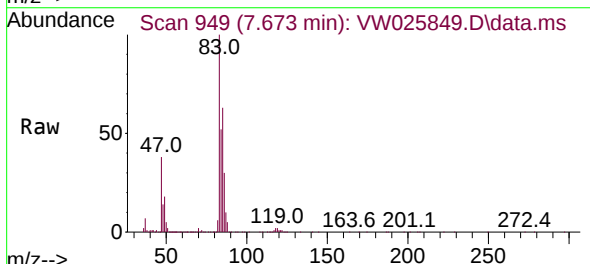
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

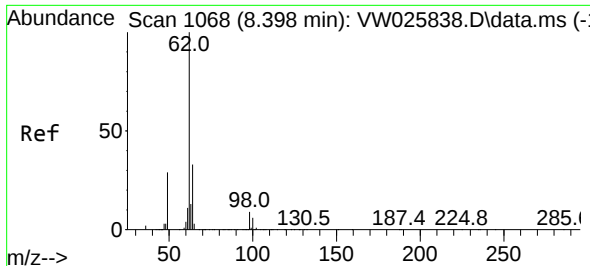
Tgt	Ion:128	Resp:	69431
Ion	Ratio	Lower	Upper
128	100		
49	220.7	151.5	281.5
130	124.2	91.3	169.6
51	69.4	51.5	77.3



#25
Chloroform
Concen: 16.109 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 83	Resp: 288397
Ion Ratio	Lower Upper
83 100	
85 62.8	45.1 83.9

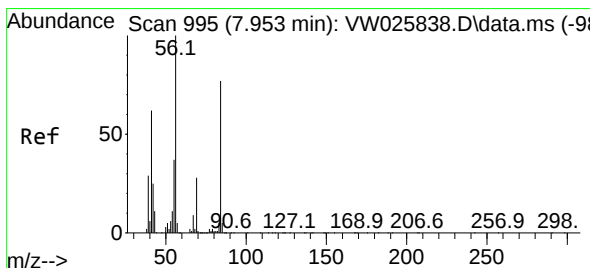
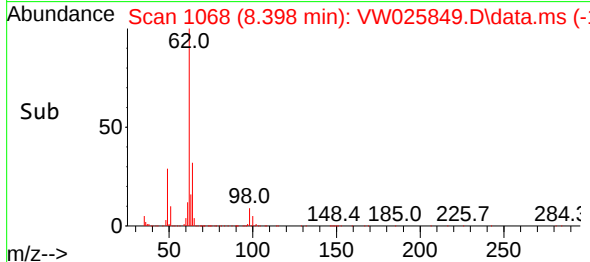
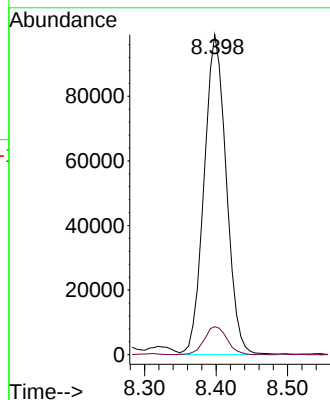
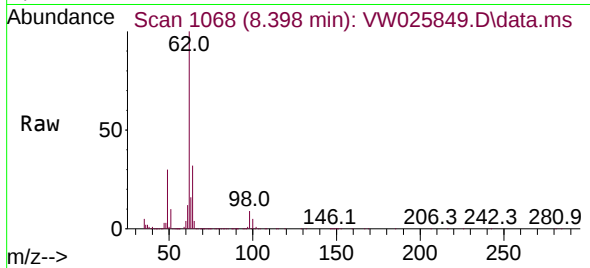




#27
1,2-Dichloroethane
Concen: 16.758 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

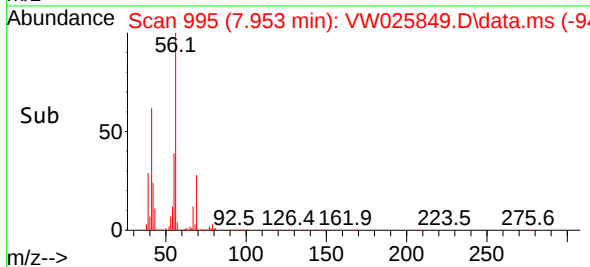
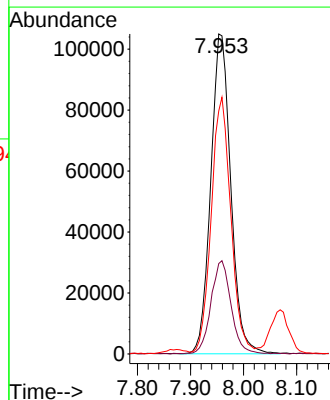
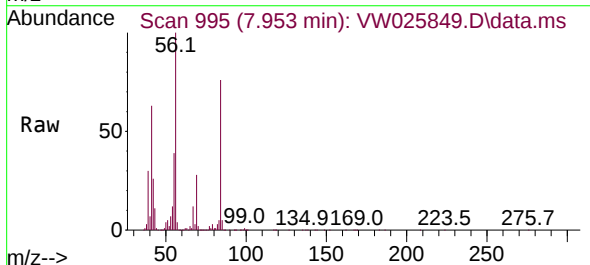
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

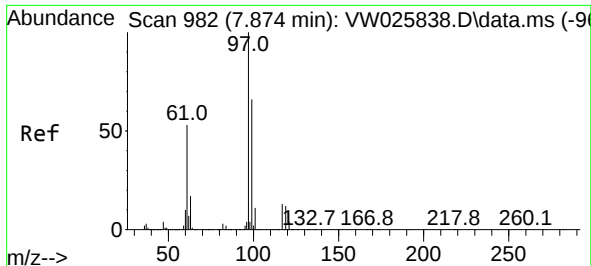
Tgt Ion: 62 Resp: 213064
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8



#29
Cyclohexane
Concen: 15.317 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 56 Resp: 275645
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.0
84 78.7 63.3 94.9





#30

1,1,1-Trichloroethane

Concen: 15.974 ug/L

RT: 7.874 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

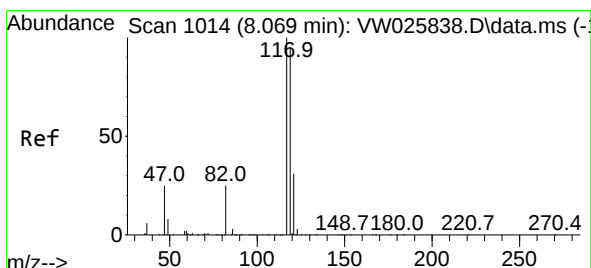
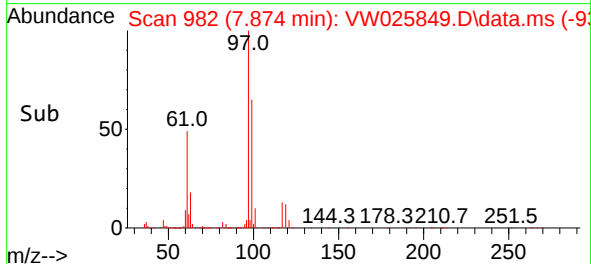
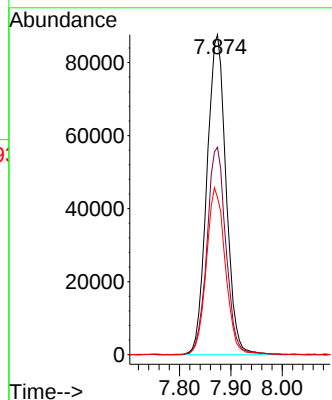
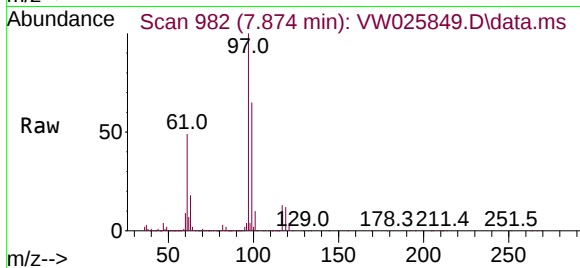
Tgt Ion: 97 Resp: 226873

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 51.2 40.4 60.6



#31

Carbon tetrachloride

Concen: 15.852 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025849.D

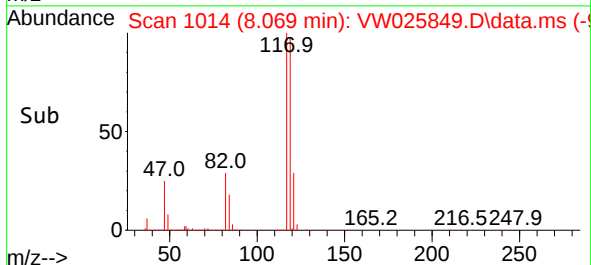
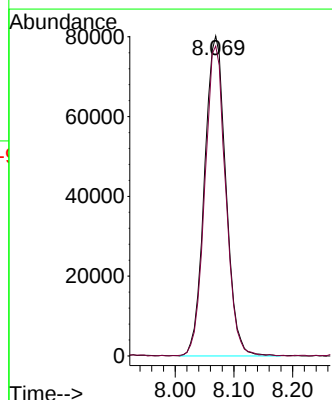
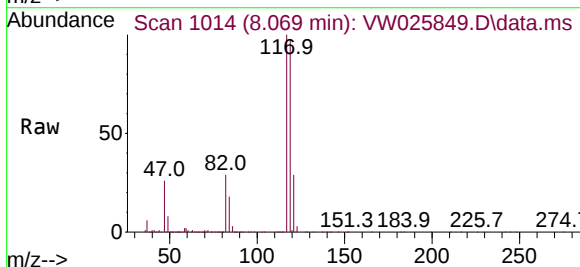
Acq: 04 May 2023 16:34

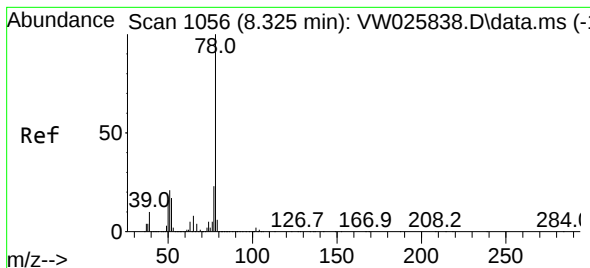
Tgt Ion: 117 Resp: 202612

Ion Ratio Lower Upper

117 100

119 94.2 76.9 115.3





#33

Benzene

Concen: 16.020 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

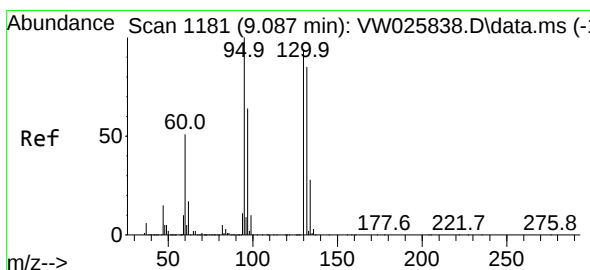
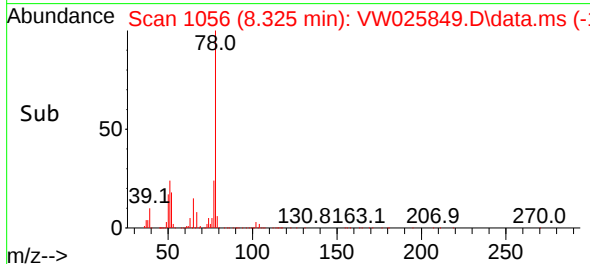
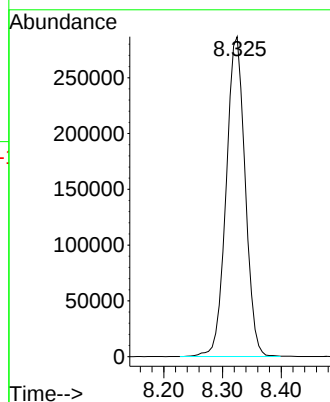
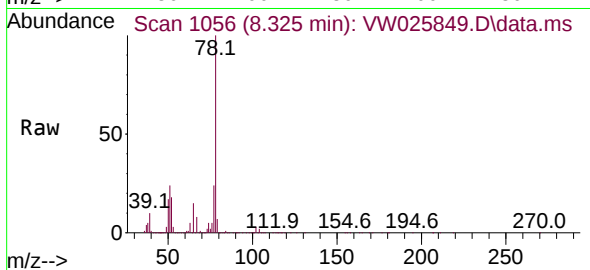
Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

Tgt Ion: 78 Resp: 643671



#34

Trichloroethene

Concen: 15.665 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Tgt Ion: 95 Resp: 161502

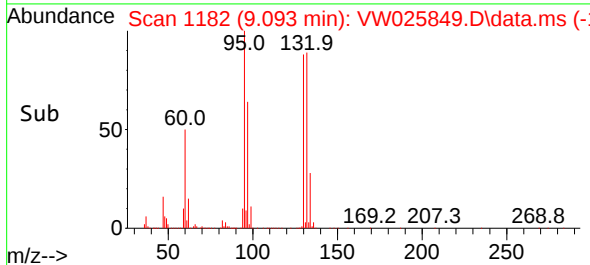
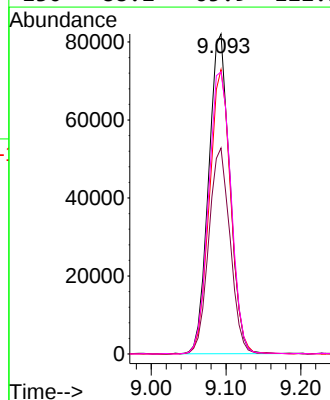
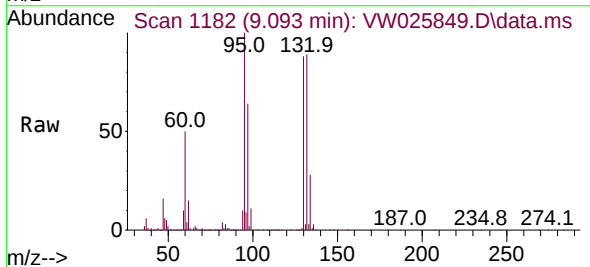
Ion Ratio Lower Upper

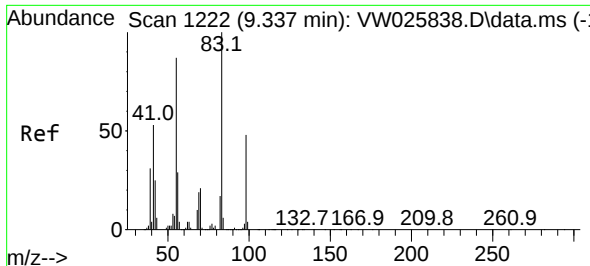
95 100

97 64.4 45.9 85.3

132 88.9 66.0 122.6

130 88.2 65.9 122.3

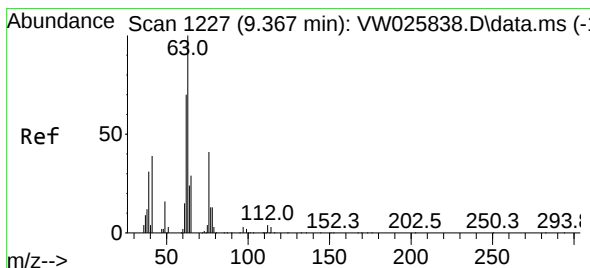
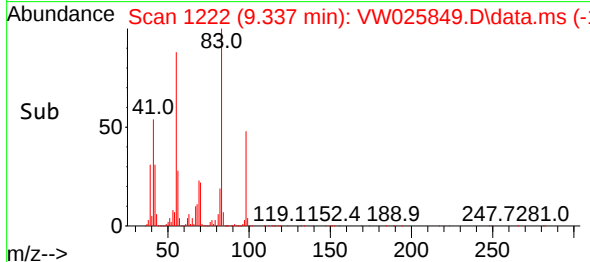
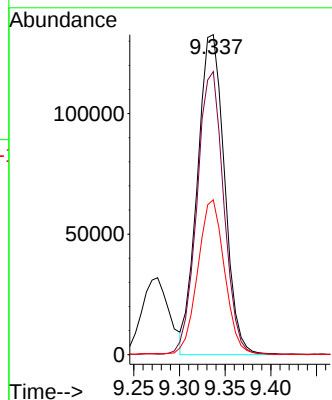
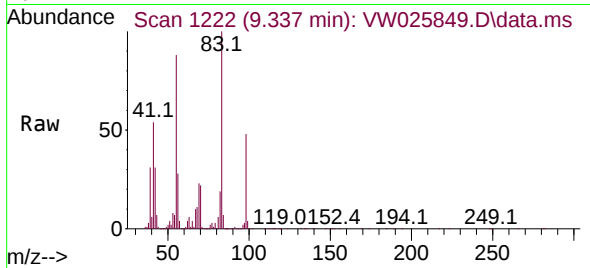




#35
Methylcyclohexane
Concen: 14.888 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

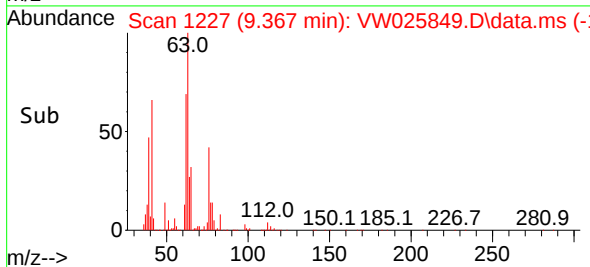
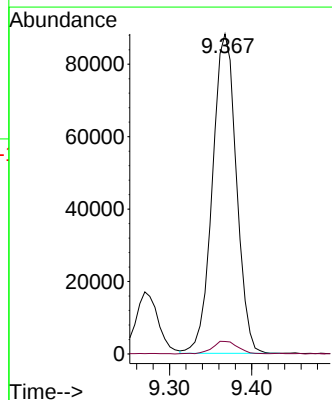
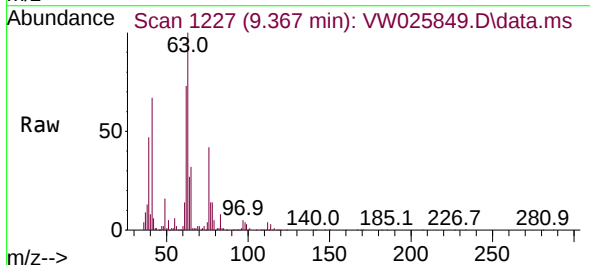
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

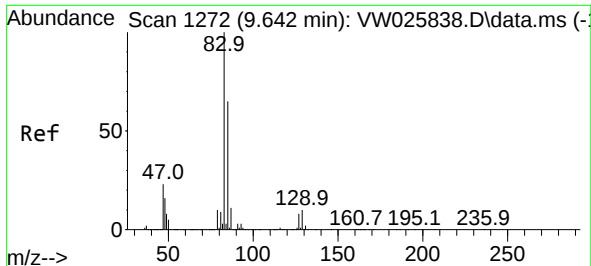
Tgt Ion: 83 Resp: 273005
Ion Ratio Lower Upper
83 100
55 87.6 69.0 103.4
98 48.1 37.1 55.7



#37
1,2-Dichloropropane
Concen: 16.213 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 63 Resp: 178472
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9

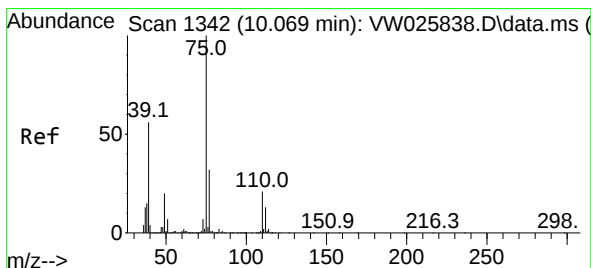
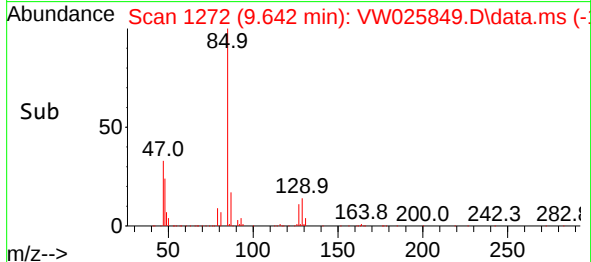
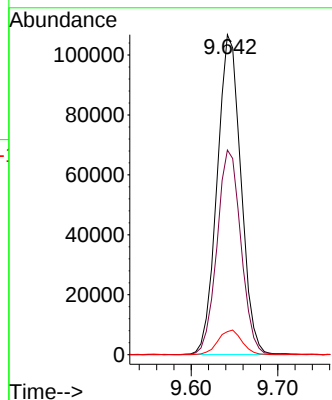
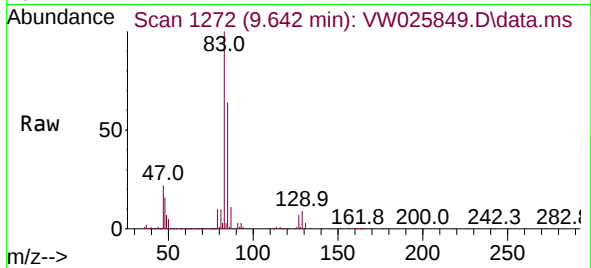




#38
Bromodichloromethane
Concen: 16.108 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

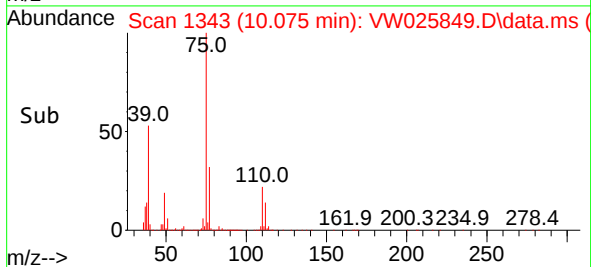
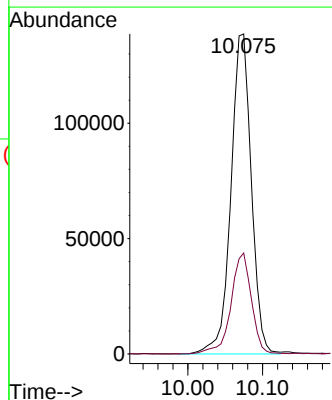
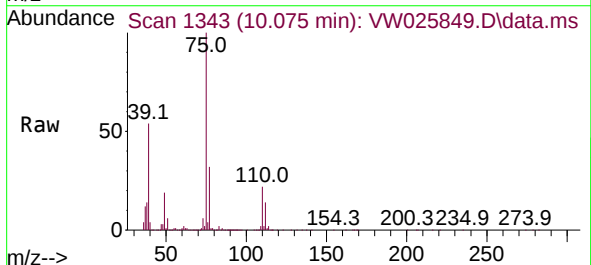
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

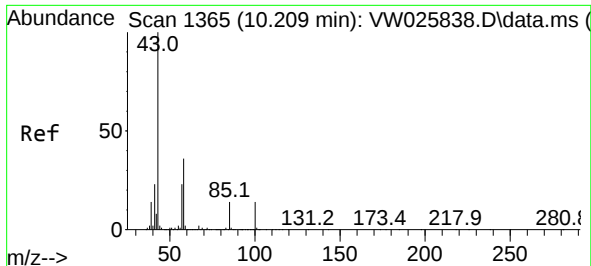
Tgt Ion: 83 Resp: 203431
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
127 7.2 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 16.318 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 75 Resp: 263418
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 38.306 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

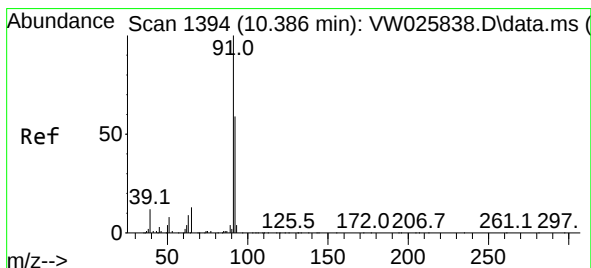
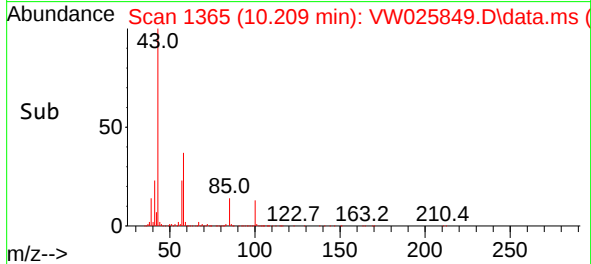
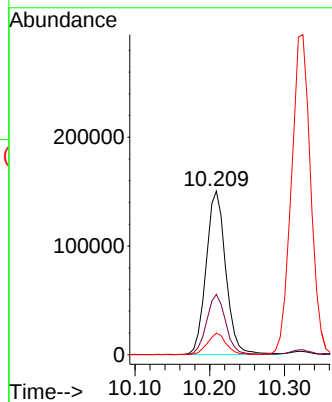
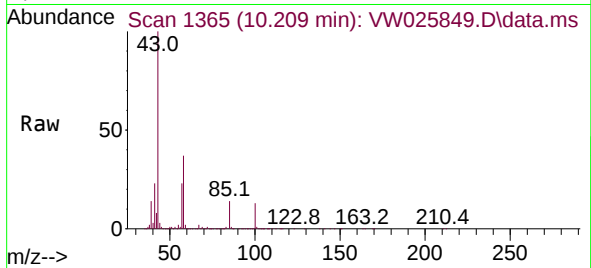
Tgt Ion: 43 Resp: 274462

Ion Ratio Lower Upper

43 100

58 35.8 29.4 44.0

100 12.6 10.1 15.1



#42

Toluene

Concen: 15.971 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025849.D

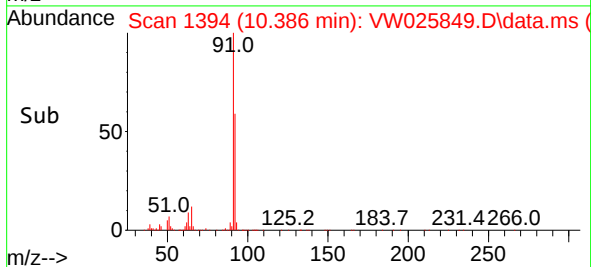
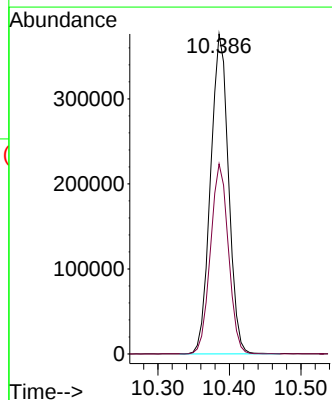
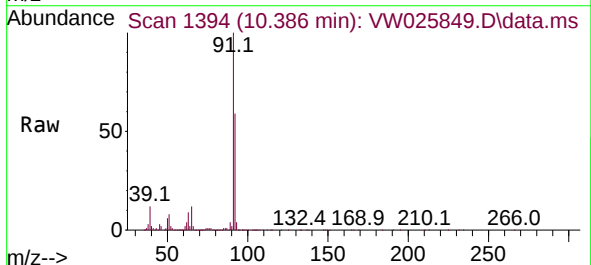
Acq: 04 May 2023 16:34

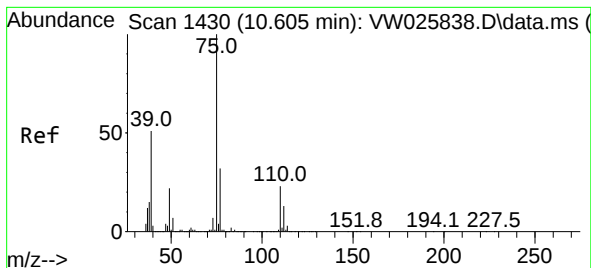
Tgt Ion: 91 Resp: 655677

Ion Ratio Lower Upper

91 100

92 59.4 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 16.663 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

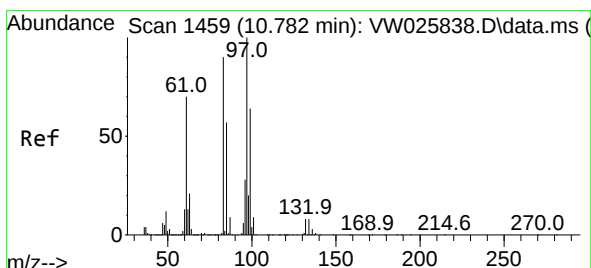
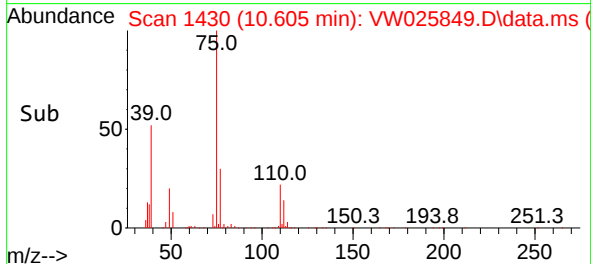
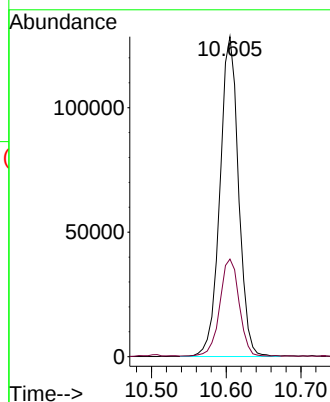
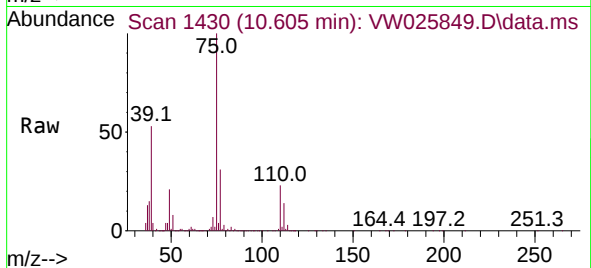
DCCQ0MS

Tgt Ion: 75 Resp: 222877

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 17.000 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Tgt Ion: 97 Resp: 125176

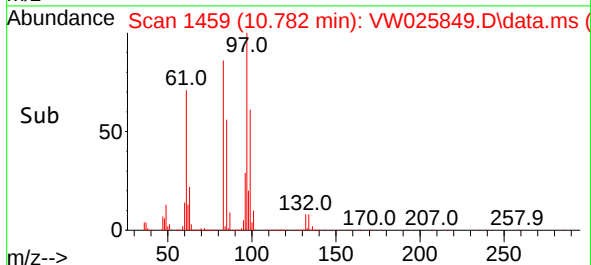
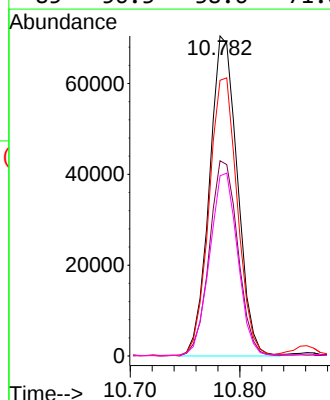
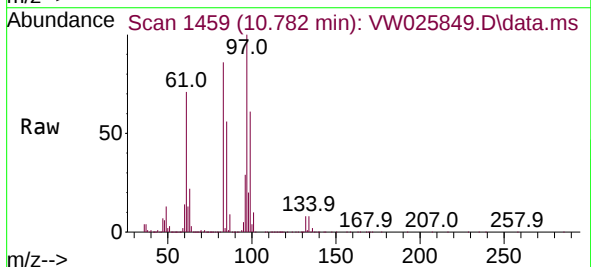
Ion Ratio Lower Upper

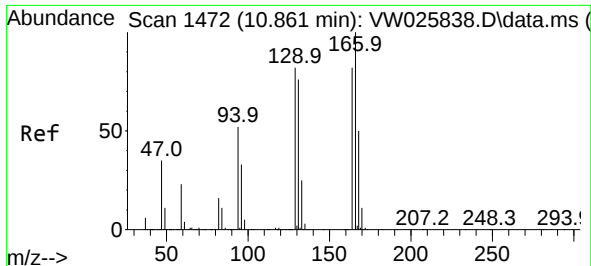
97 100

99 61.0 44.5 82.7

83 86.1 63.0 117.0

85 56.3 38.6 71.8

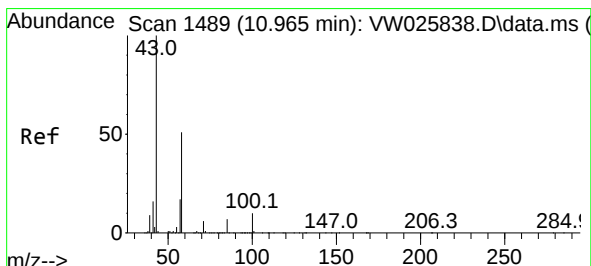
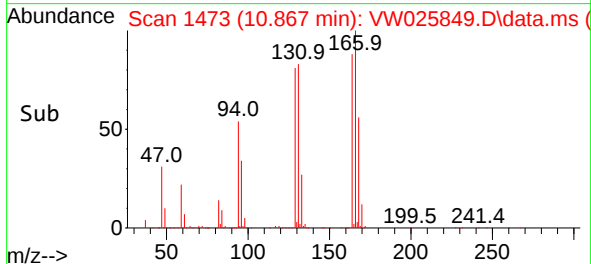
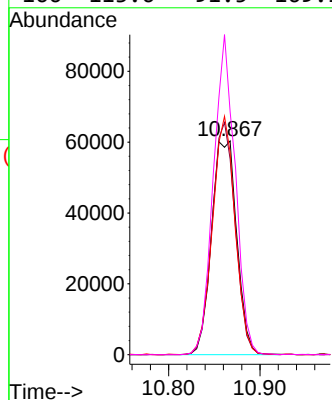
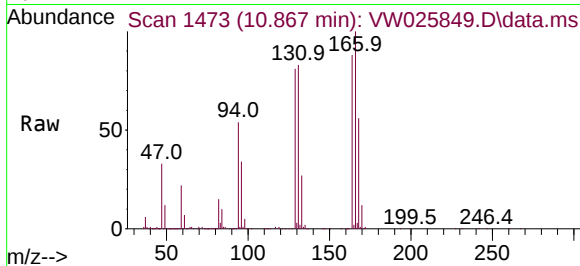




#46
Tetrachloroethene
Concen: 15.971 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

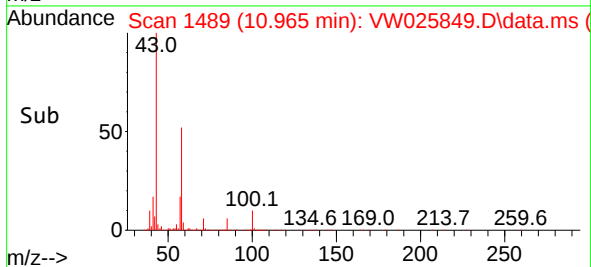
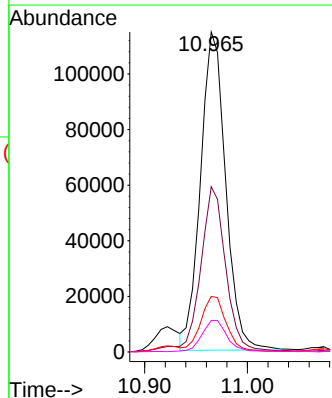
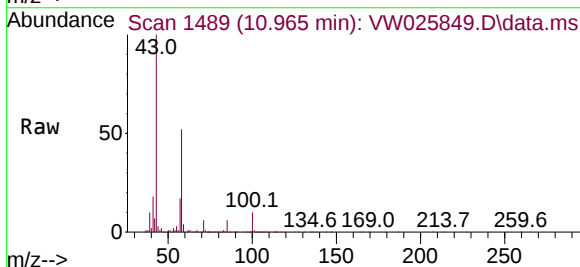
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

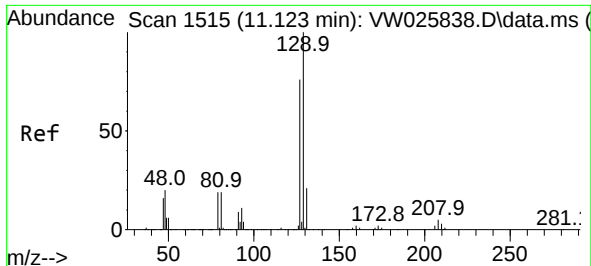
Tgt Ion:164 Resp: 115841
Ion Ratio Lower Upper
164 100
129 91.5 74.3 138.1
131 94.6 71.3 132.3
166 113.6 91.5 169.9



#48
2-Hexanone
Concen: 38.059 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion: 43 Resp: 195354
Ion Ratio Lower Upper
43 100
58 50.4 40.8 61.2
57 17.9 13.6 20.4
100 9.6 8.0 12.0

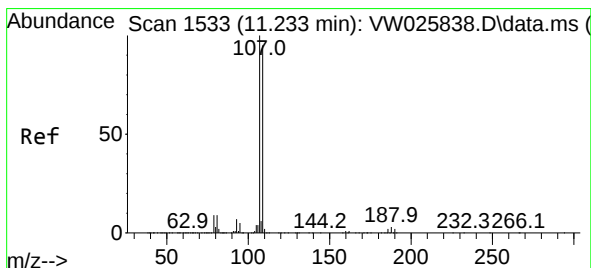
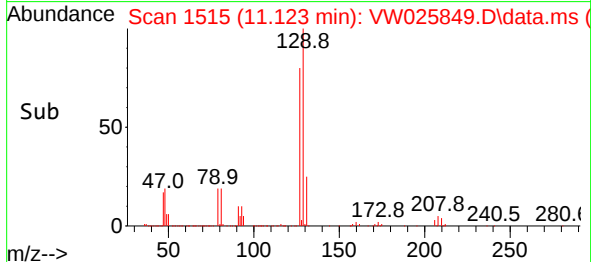
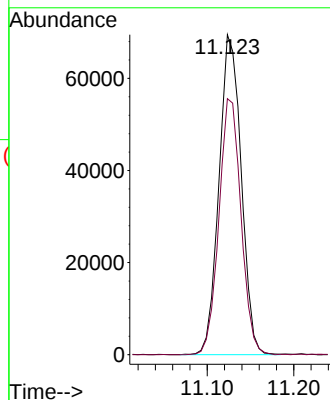
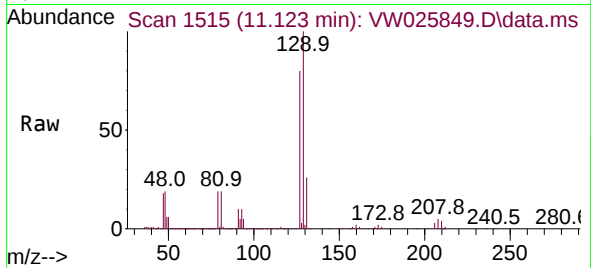




#49
Dibromochloromethane
Concen: 16.233 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

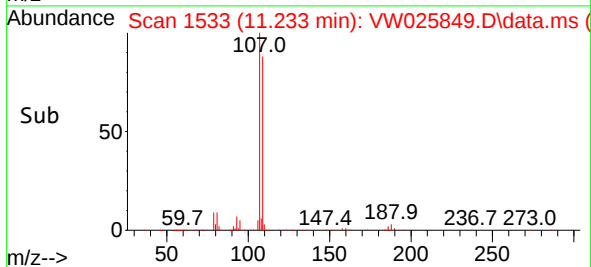
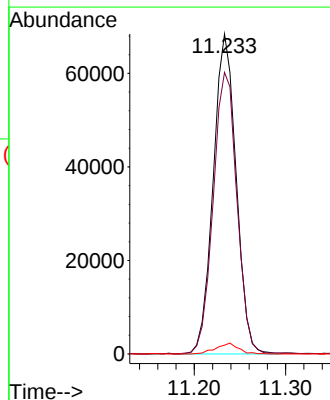
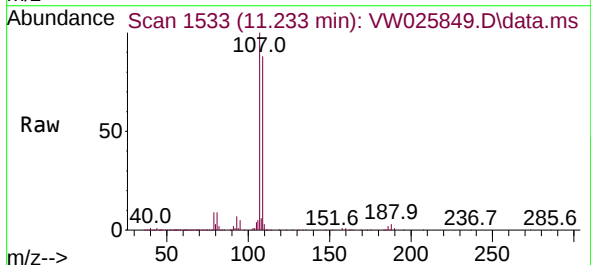
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

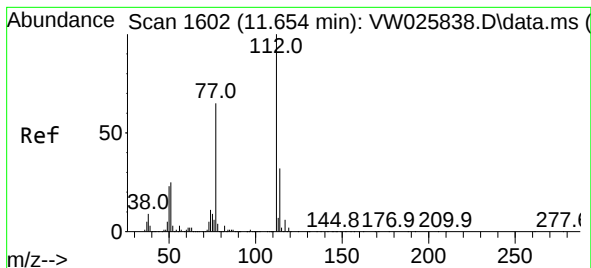
Tgt Ion:129 Resp: 123750
Ion Ratio Lower Upper
129 100
127 80.0 56.1 104.3



#50
1,2-Dibromoethane
Concen: 17.560 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion:107 Resp: 119202
Ion Ratio Lower Upper
107 100
109 88.0 67.5 125.4
188 2.8 2.6 4.0





#51

Chlorobenzene

Concen: 15.834 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

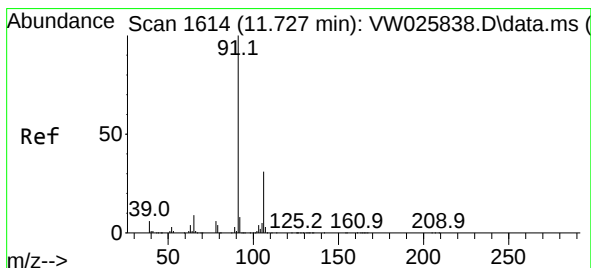
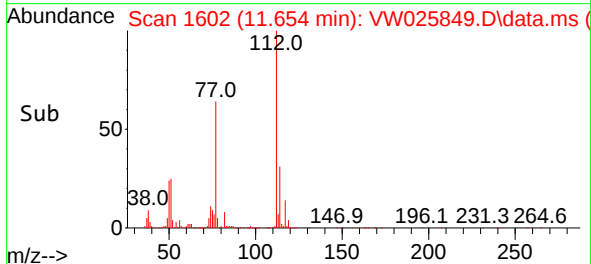
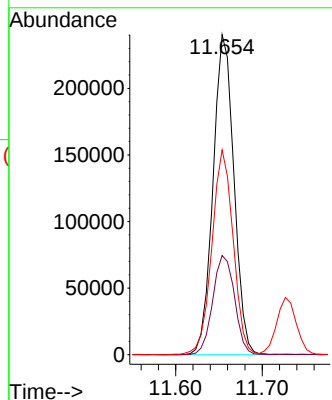
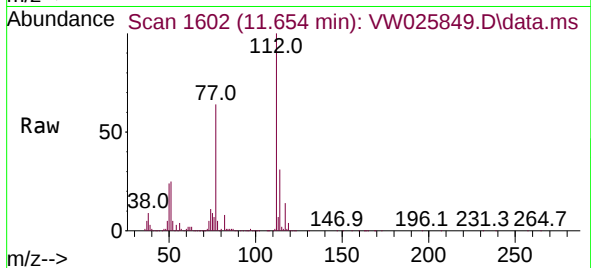
Tgt Ion:112 Resp: 402693

Ion Ratio Lower Upper

112 100

114 31.0 22.7 42.3

77 64.0 53.0 79.6



#52

Ethylbenzene

Concen: 16.219 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW025849.D

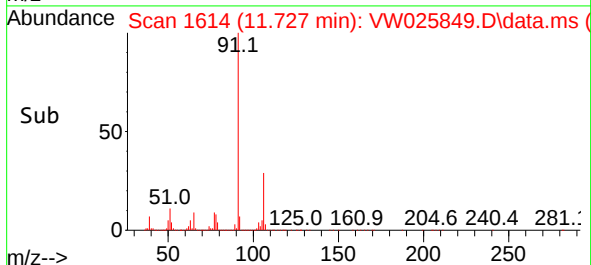
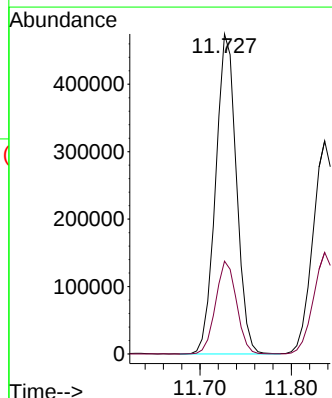
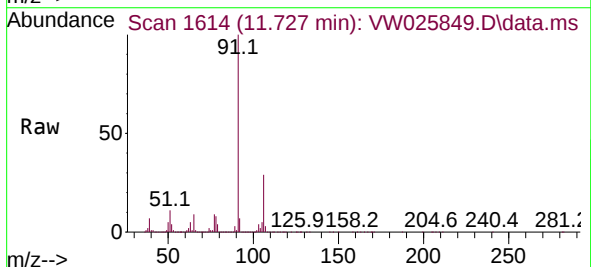
Acq: 04 May 2023 16:34

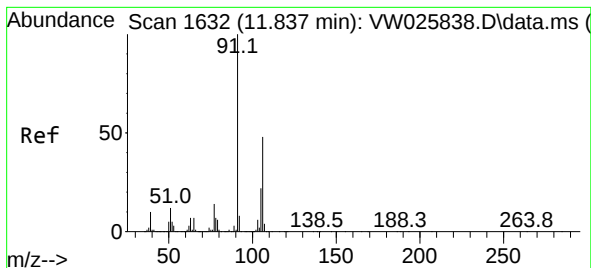
Tgt Ion: 91 Resp: 748989

Ion Ratio Lower Upper

91 100

106 29.0 20.8 38.6

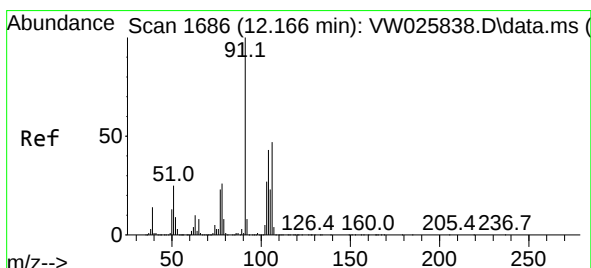
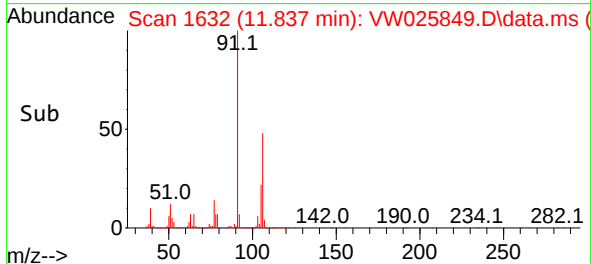
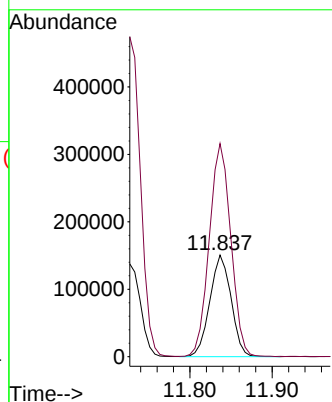
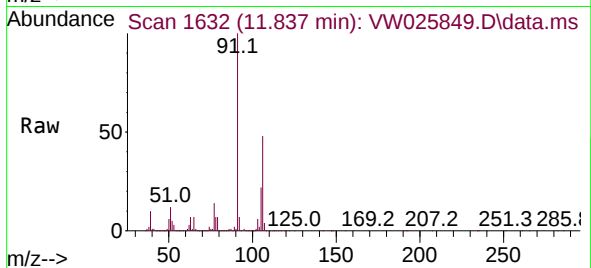




#53
m,p-Xylene
Concen: 15.880 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

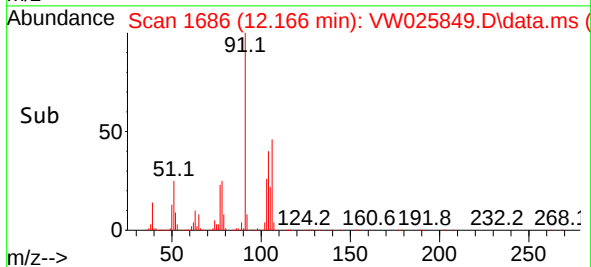
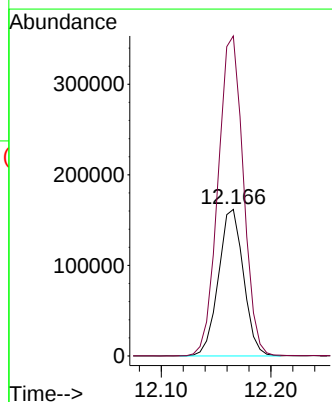
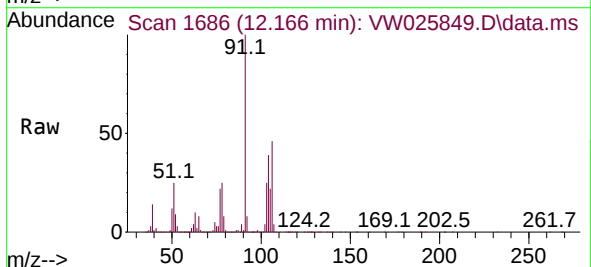
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

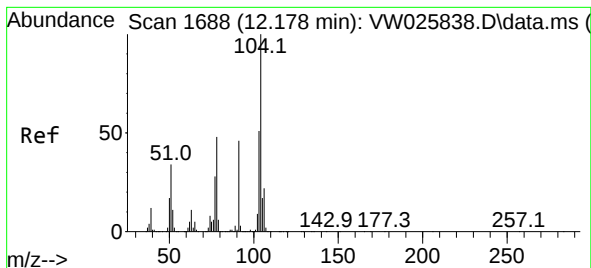
Tgt Ion:106 Resp: 269907
Ion Ratio Lower Upper
106 100
91 209.8 150.1 278.9



#54
o-Xylene
Concen: 16.018 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion:106 Resp: 256607
Ion Ratio Lower Upper
106 100
91 218.3 157.8 293.1





#55

Styrene

Concen: 16.493 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

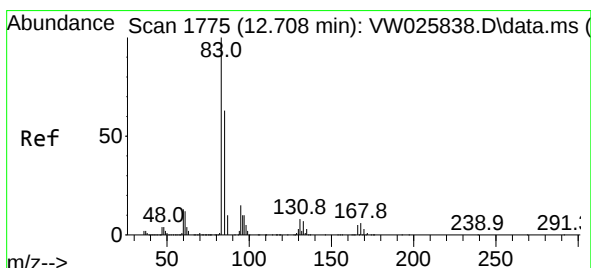
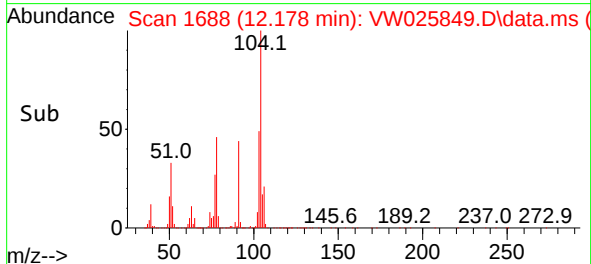
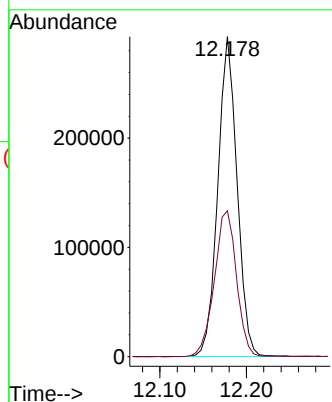
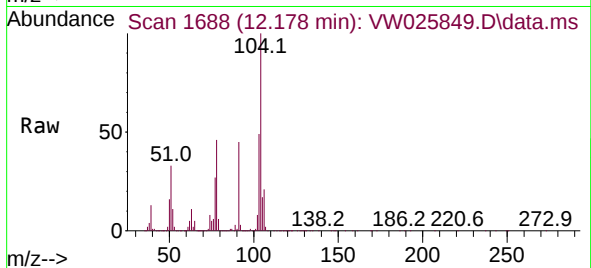
DCCQ0MS

Tgt Ion:104 Resp: 452218

Ion Ratio Lower Upper

104 100

78 45.6 33.4 62.0



#57

1,1,2,2-Tetrachloroethane

Concen: 17.904 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

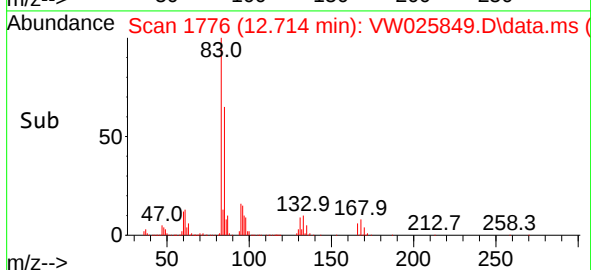
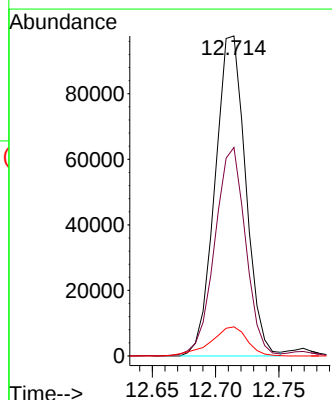
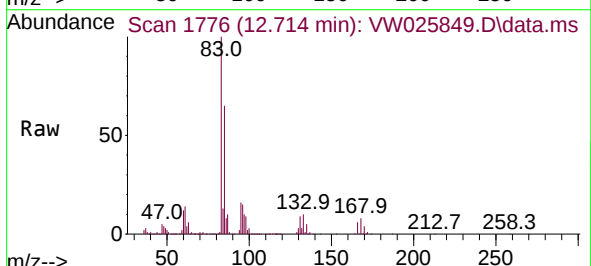
Tgt Ion: 83 Resp: 164502

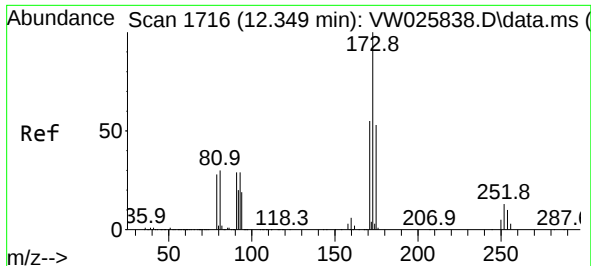
Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

131 9.1 8.1 12.1

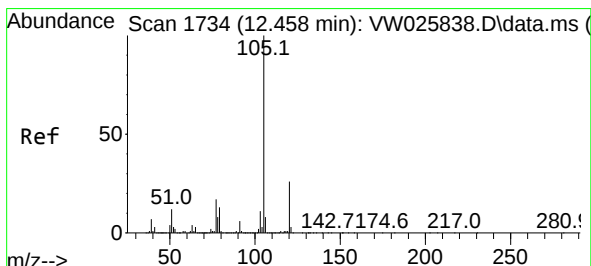
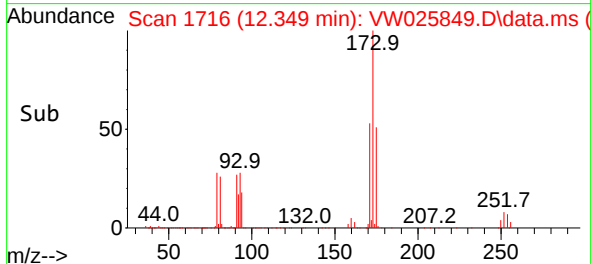
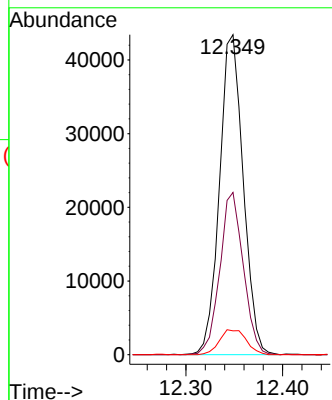
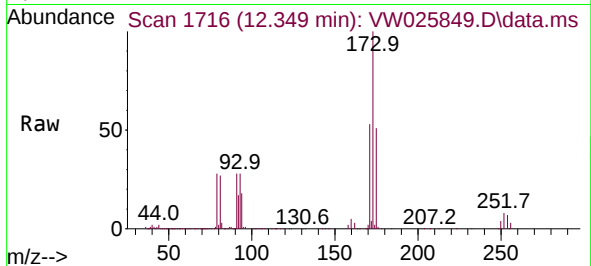




#59
Bromoform
Concen: 17.614 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

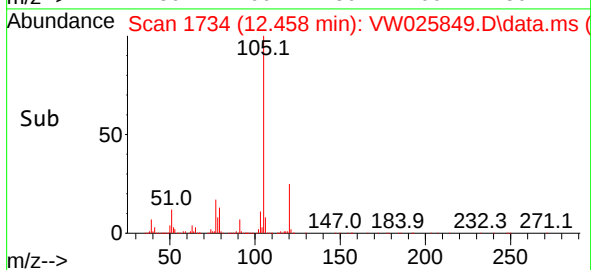
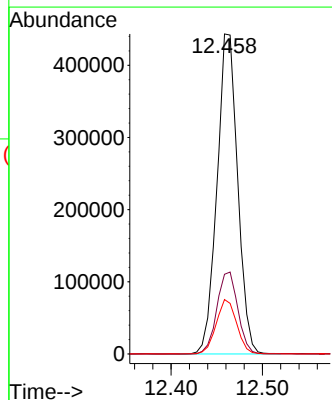
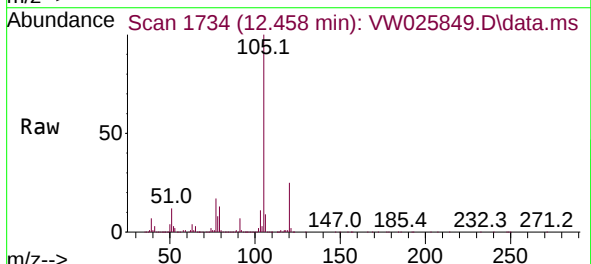
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

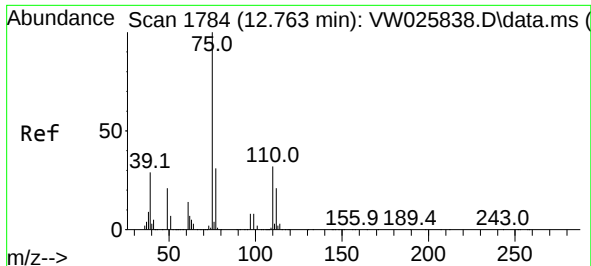
Tgt Ion:	173	Resp:	74015
Ion Ratio	Lower	Upper	
173	100		
175	50.1	38.6	57.8
254	8.8	7.6	11.4



#60
Isopropylbenzene
Concen: 16.162 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion:	105	Resp:	696936
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.1	31.7
77	16.8	13.4	20.0





#61

1,2,3-Trichloropropane

Concen: 18.210 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

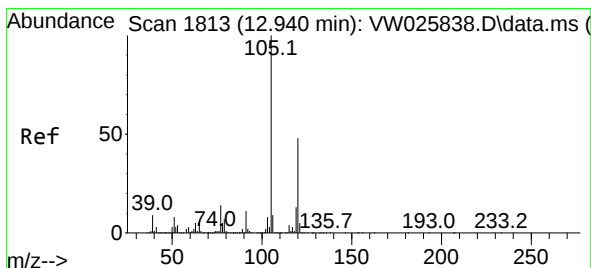
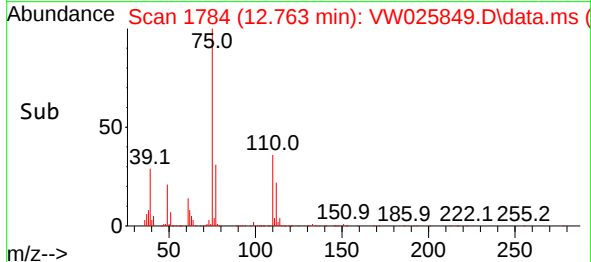
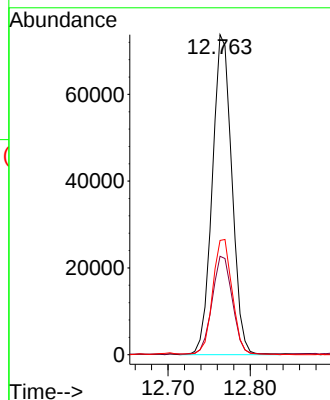
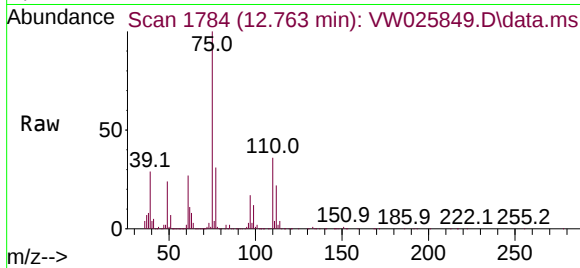
Tgt Ion: 75 Resp: 122091

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

110 36.0 27.6 41.4



#62

1,3,5-Trimethylbenzene

Concen: 16.071 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025849.D

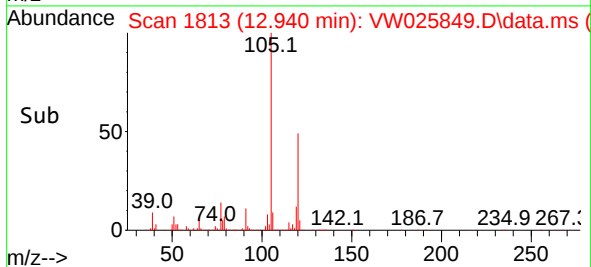
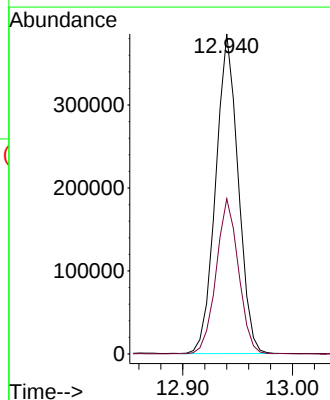
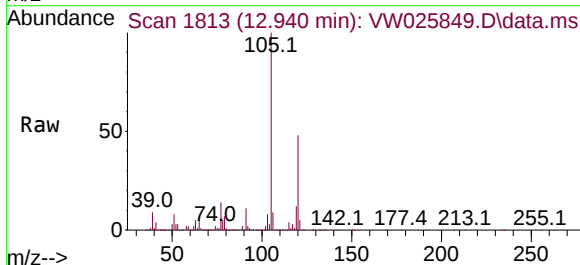
Acq: 04 May 2023 16:34

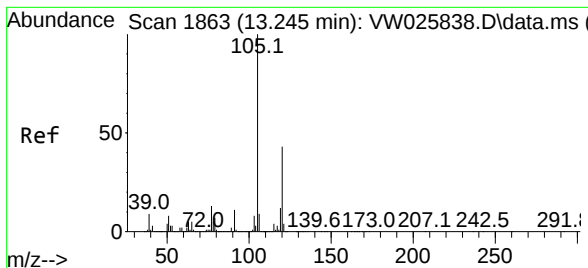
Tgt Ion:105 Resp: 548889

Ion Ratio Lower Upper

105 100

120 48.2 37.1 55.7





#63

1,2,4-Trimethylbenzene

Concen: 16.055 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

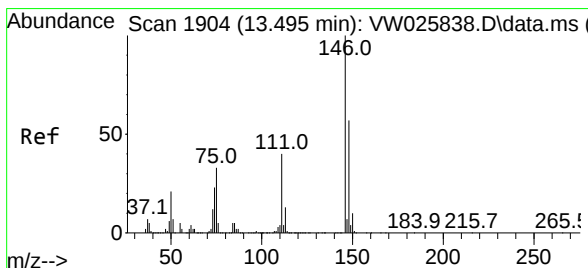
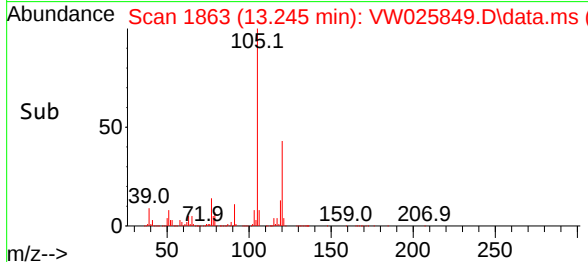
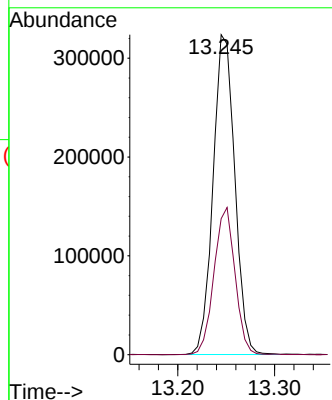
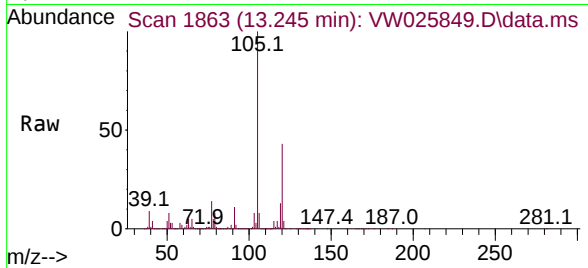
DCCQ0MS

Tgt Ion:105 Resp: 506036

Ion Ratio Lower Upper

105 100

120 44.5 34.7 52.1



#64

1,3-Dichlorobenzene

Concen: 15.908 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

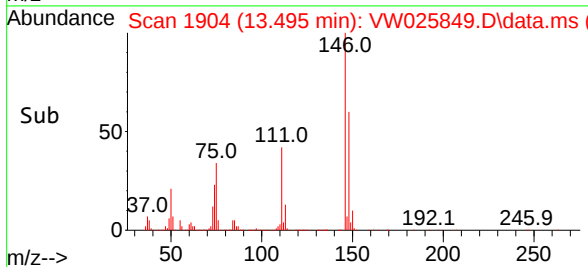
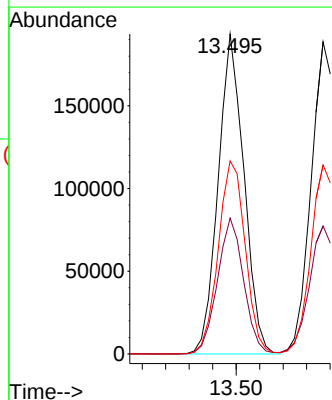
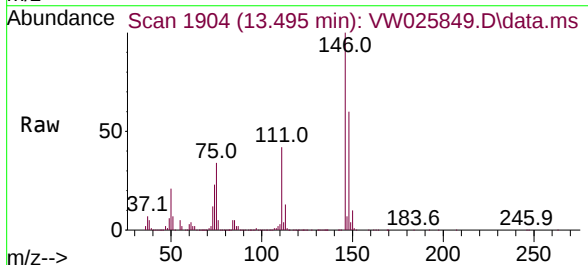
Tgt Ion:146 Resp: 295304

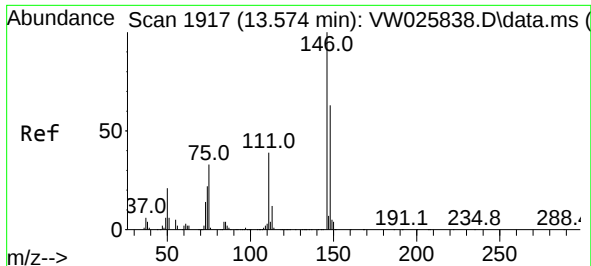
Ion Ratio Lower Upper

146 100

111 42.4 30.4 56.4

148 60.3 40.8 75.8

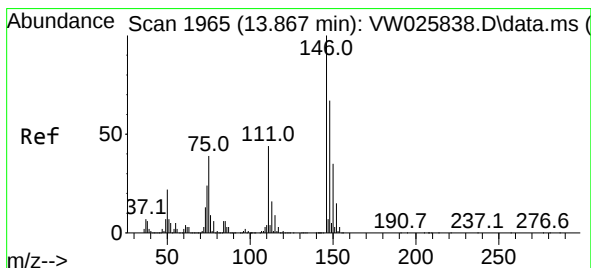
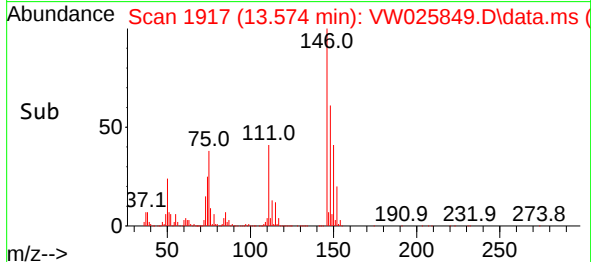
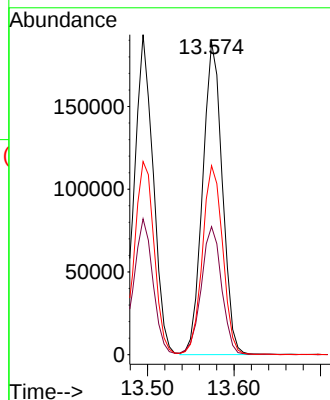
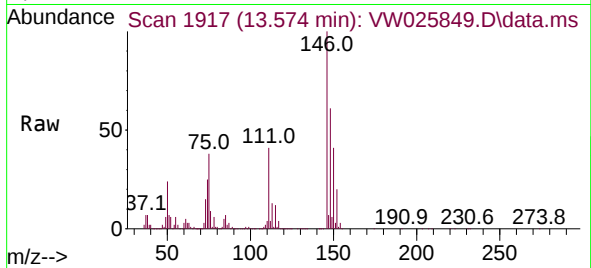




#65
1,4-Dichlorobenzene
Concen: 15.897 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

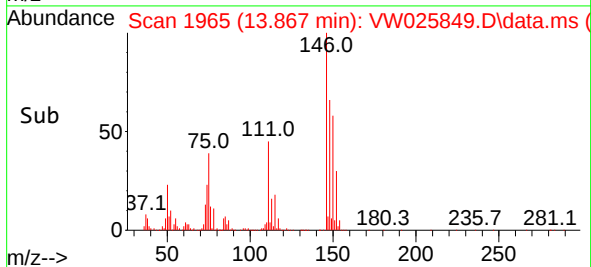
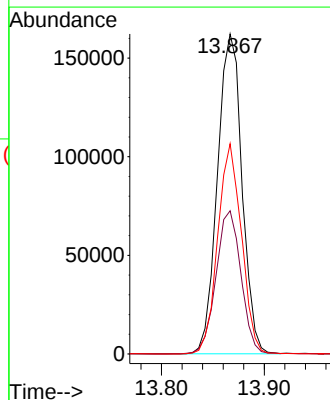
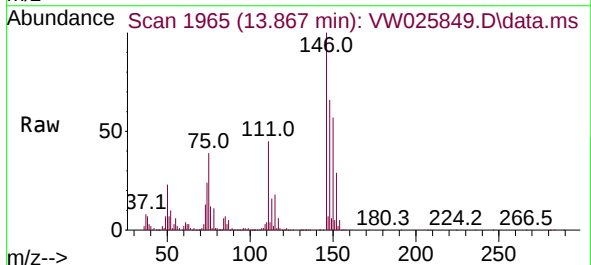
Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MS

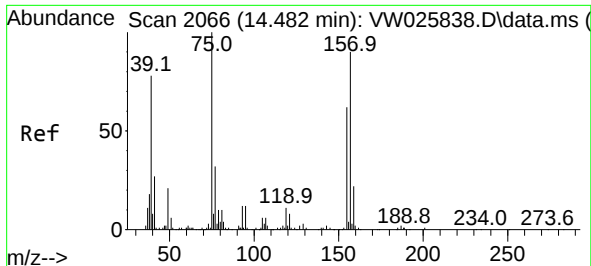
Tgt Ion:146 Resp: 298148
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.9
148 60.5 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 16.241 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025849.D
Acq: 04 May 2023 16:34

Tgt Ion:146 Resp: 268865
Ion Ratio Lower Upper
146 100
111 44.7 37.7 56.5
148 65.7 49.4 74.0





#68

1,2-Dibromo-3-chloropropane

Concen: 17.574 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

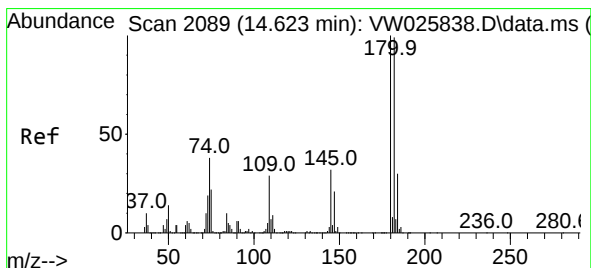
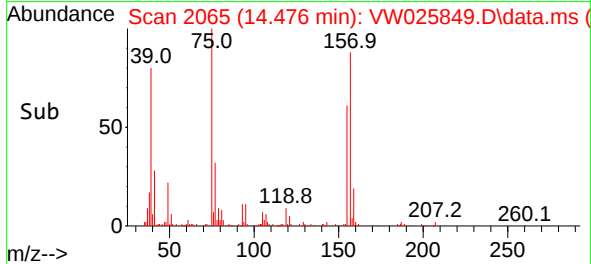
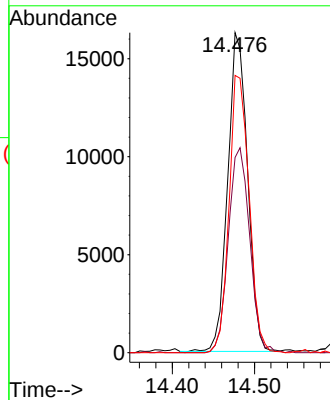
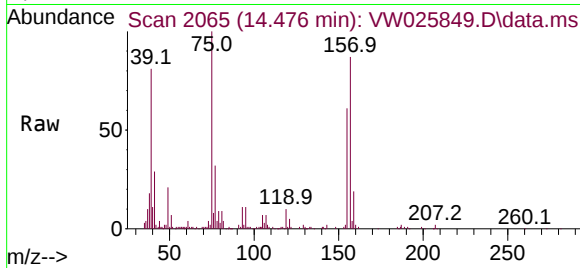
Tgt Ion: 75 Resp: 27323

Ion Ratio Lower Upper

75 100

155 61.0 56.3 84.5

157 86.6 66.3 99.5



#69

1,3,5-Trichlorobenzene

Concen: 14.377 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Tgt Ion:180 Resp: 177151

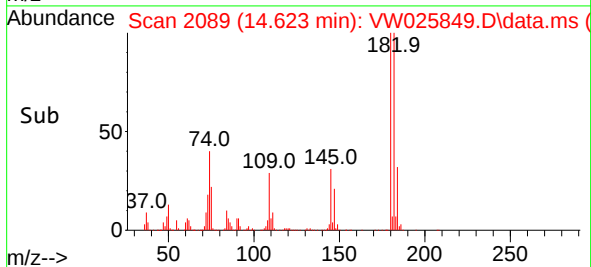
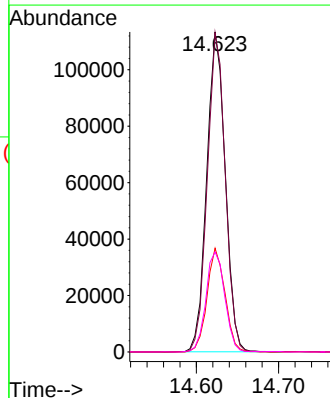
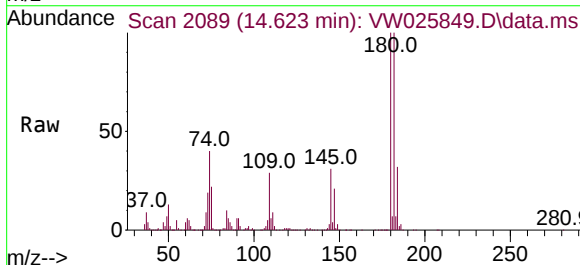
Ion Ratio Lower Upper

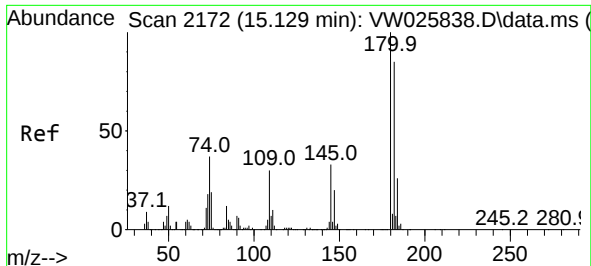
180 100

182 96.9 77.4 116.0

184 31.4 24.7 37.1

145 31.8 24.7 37.1





#70

1,2,4-trichlorobenzene

Concen: 14.379 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

DCCQ0MS

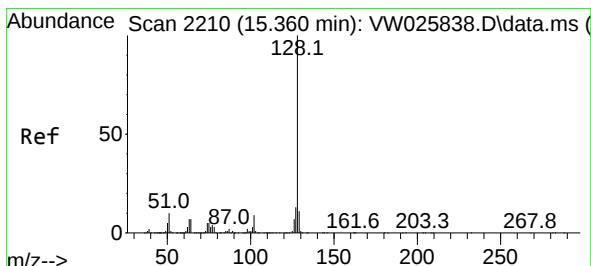
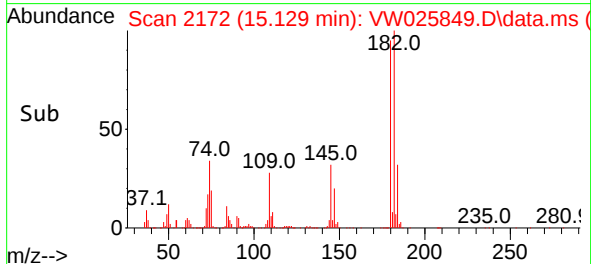
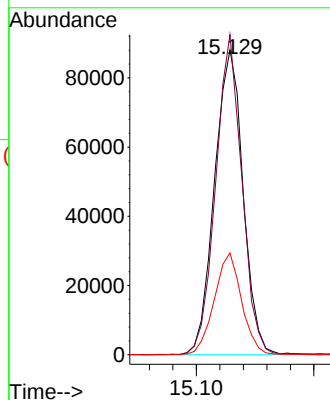
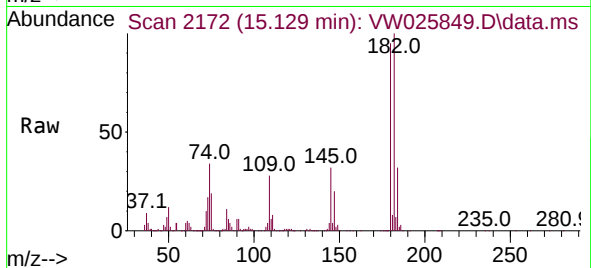
Tgt Ion:180 Resp: 148440

Ion Ratio Lower Upper

180 100

182 96.4 74.3 111.5

145 32.0 25.4 38.0



#71

Naphthalene

Concen: 16.563 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025849.D

Acq: 04 May 2023 16:34

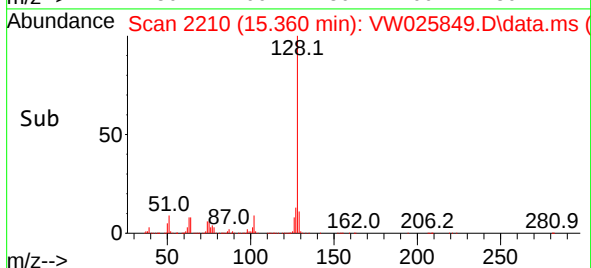
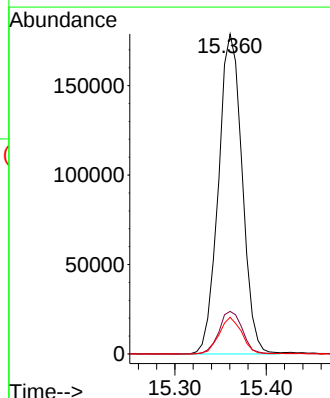
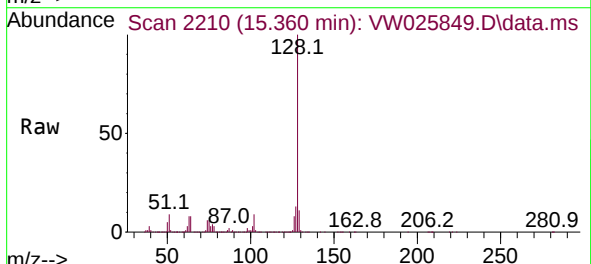
Tgt Ion:128 Resp: 322707

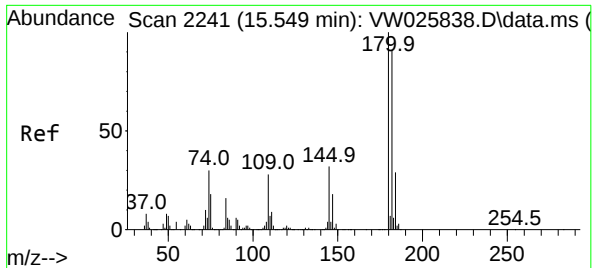
Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 15.357 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025849.D
 Acq: 04 May 2023 16:34

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCQ0MS

Tgt Ion:180 Resp: 140666
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 145 34.1 28.0 42.0

