

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031255.D
 Acq On : 13 Dec 2024 22:55
 Operator : SY/MD
 Sample : P5232-22MSD
 Misc : 8.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MSD

Quant Time: Dec 14 00:51:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	699190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	613931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	290052	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	256803	24.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	2.893	69	191972	24.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
11) 1,1-Dichloroethene-d2	4.015	65	122376	24.523	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.080%
21) 2-Butanone-d5	7.100	46	108110	54.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.140%
24) Chloroform-d	7.648	84	500128	26.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.307	65	261195	27.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	8.270	84	992872	25.232	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.920%
36) 1,2-Dichloropropane-d6	9.270	67	290034	25.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	10.318	98	918276	25.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	10.575	79	133067	25.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.640%
47) 2-Hexanone-d5	10.922	63	85182	55.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196626	27.307	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	281747	26.165	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	181634	28.744	ug/L	94
3) Chloromethane	2.222	50	229169	32.282	ug/L	98
5) Vinyl chloride	2.369	62	265546	26.992	ug/L	96
6) Bromomethane	2.789	94	172404	28.505	ug/L	96
8) Chloroethane	2.930	64	160438	27.422	ug/L	98
9) Trichlorofluoromethane	3.265	101	332608	31.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	227265	26.854	ug/L	97
12) 1,1-Dichloroethene	4.039	96	235156	27.435	ug/L	87
13) Acetone	4.179	43	117532	42.597	ug/L #	100
14) Carbon disulfide	4.381	76	741228	26.516	ug/L	99
15) Methyl Acetate	4.691	43	98314	31.372	ug/L	100
16) Methylene chloride	4.917	84	246211	27.987	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	253289	27.414	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	475570	30.789	ug/L	99
19) 1,1-Dichloroethane	6.216	63	486154	28.158	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	285339	28.544	ug/L	98
22) 2-Butanone	7.191	43	154702	46.275	ug/L	100
23) Bromochloromethane	7.514	128	115146	28.882	ug/L	94
25) Chloroform	7.673	83	479662	28.149	ug/L	98

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 Response via : Initial Calibration

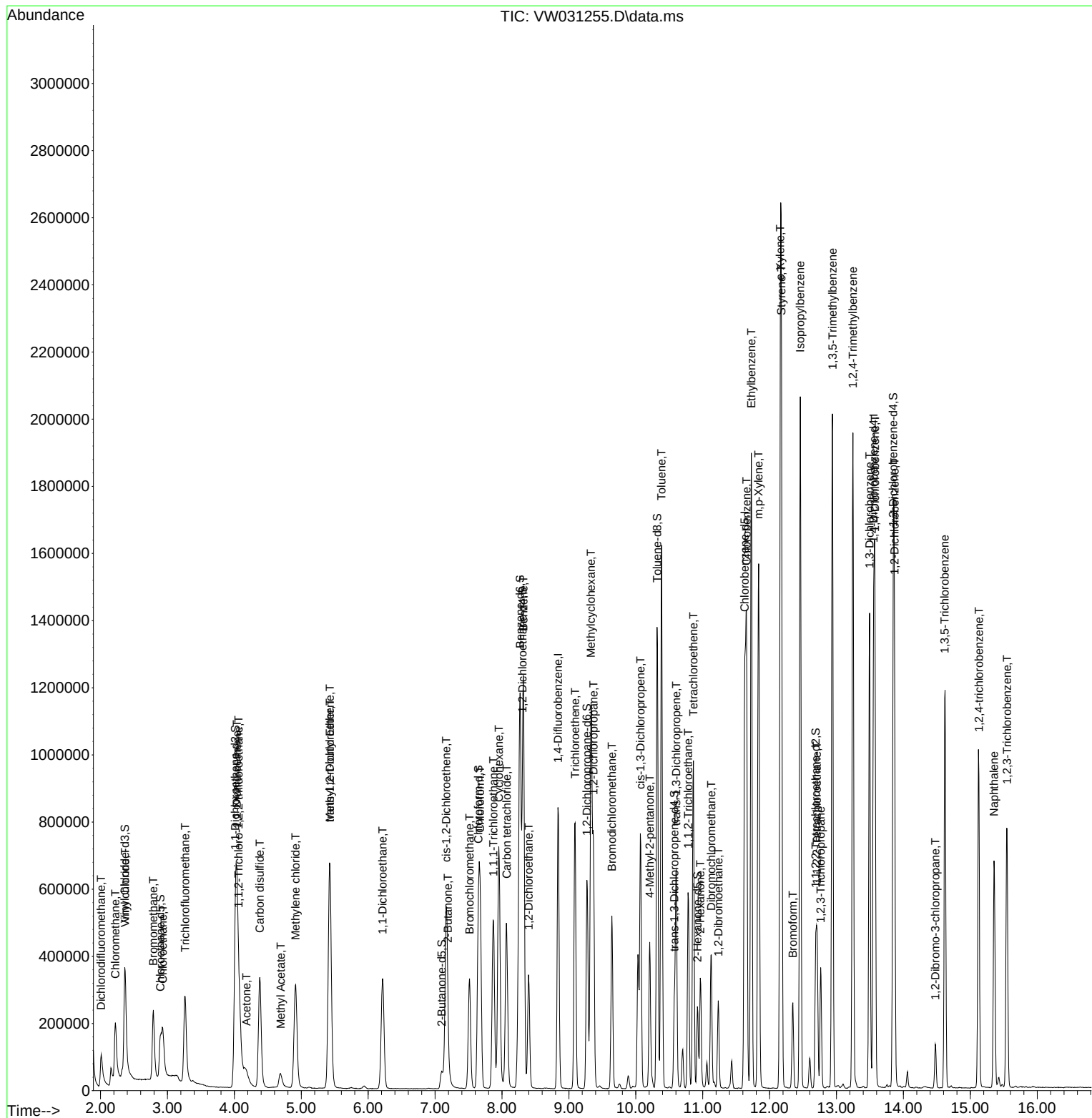
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	315852	29.484	ug/L	99
29) Cyclohexane	7.953	56	426586	25.622	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	422321	26.614	ug/L	99
31) Carbon tetrachloride	8.069	117	379918	26.874	ug/L	98
33) Benzene	8.319	78	1045006	27.544	ug/L	100
34) Trichloroethene	9.093	95	287339	26.826	ug/L	95
35) Methylcyclohexane	9.331	83	480789	25.775	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264845	27.983	ug/L	100
38) Bromodichloromethane	9.642	83	342262	27.816	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	438926	27.444	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	287708	57.296	ug/L	99
42) Toluene	10.386	91	1139603	27.589	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	365576	27.994	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	185223	29.422	ug/L	97
46) Tetrachloroethene	10.861	164	211731	26.986	ug/L	95
48) 2-Hexanone	10.965	43	216888	50.786	ug/L	98
49) Dibromochloromethane	11.129	129	211480	28.340	ug/L	95
50) 1,2-Dibromoethane	11.233	107	173197	29.042	ug/L	97
51) Chlorobenzene	11.654	112	712580	27.514	ug/L	100
52) Ethylbenzene	11.727	91	1308847	27.340	ug/L	97
53) m,p-Xylene	11.836	106	496943	27.268	ug/L	97
54) o-Xylene	12.160	106	479298	27.905	ug/L	99
55) Styrene	12.178	104	800957	28.035	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	201449	29.684	ug/L	94
59) Bromoform	12.349	173	109861	26.961	ug/L	96
60) Isopropylbenzene	12.458	105	1306781	27.531	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147187	29.655	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1101189	27.364	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1068048	27.460	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	533521	27.743	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	540704	28.377	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	469311	28.323	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	36411	28.908	ug/L	98
69) 1,3,5-Trichlorobenzene	14.616	180	359998	26.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	300953	26.861	ug/L	96
71) Naphthalene	15.354	128	593875	30.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	254136	28.153	ug/L	99

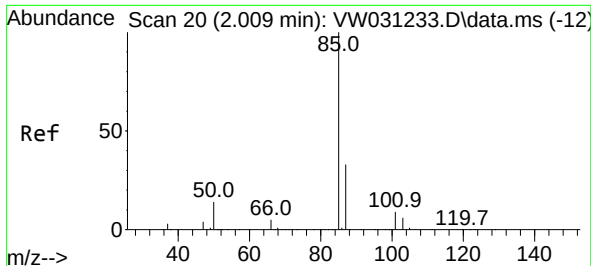
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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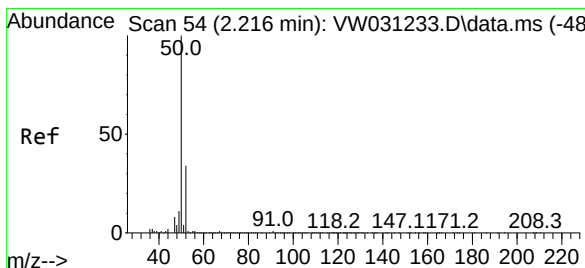
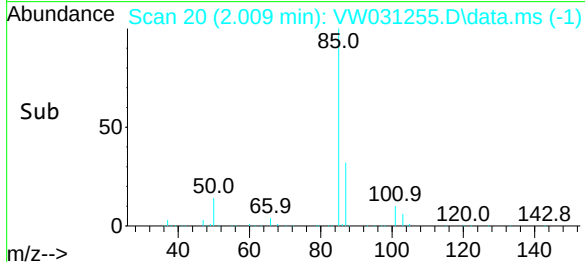
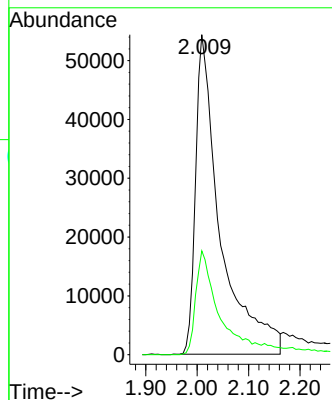
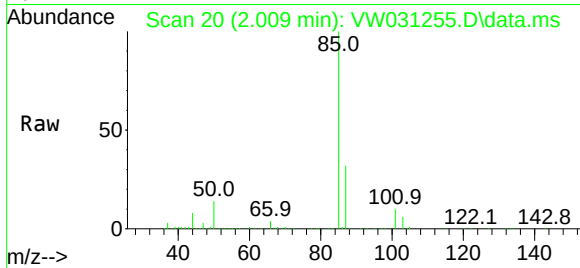




#2
 Dichlorodifluoromethane
 Concen: 28.744 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

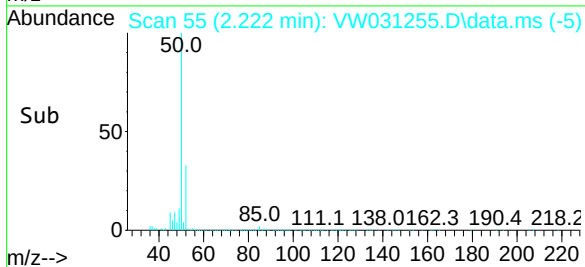
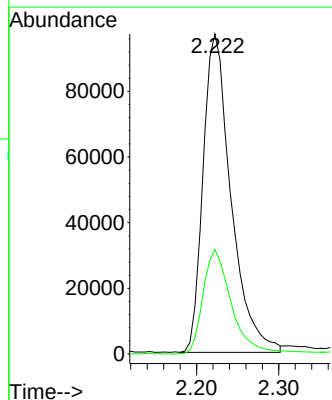
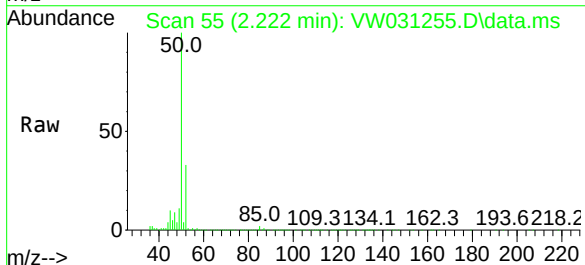
Instrument :
 MSVOA_W
 ClientSampleId :
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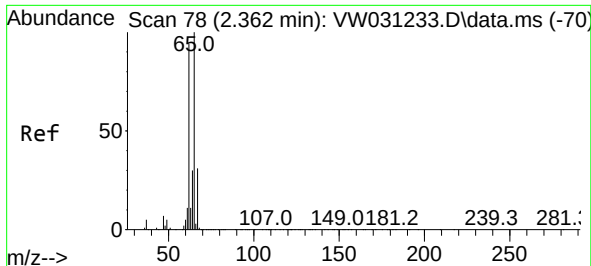
Tgt Ion: 85 Resp: 181634
 Ion Ratio Lower Upper
 85 100
 87 27.8 24.9 37.3



#3
 Chloromethane
 Concen: 32.282 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

Tgt Ion: 50 Resp: 229169
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

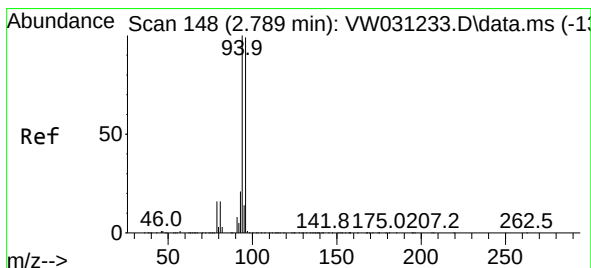
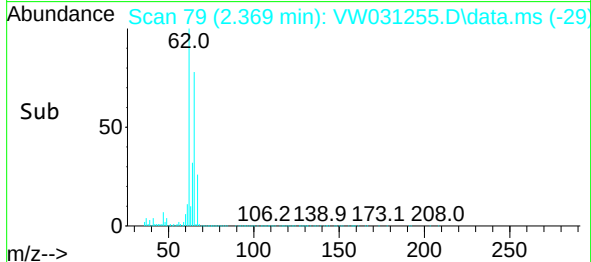
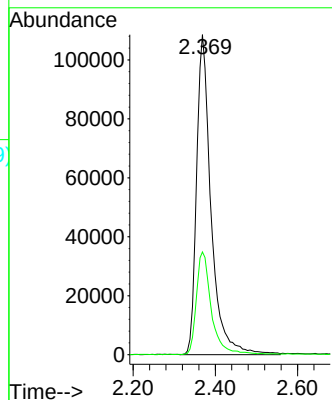
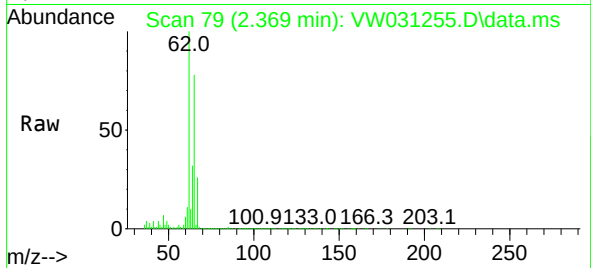




#5
Vinyl chloride
Concen: 26.992 ug/L
RT: 2.369 min Scan# 78
Delta R.T. 0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

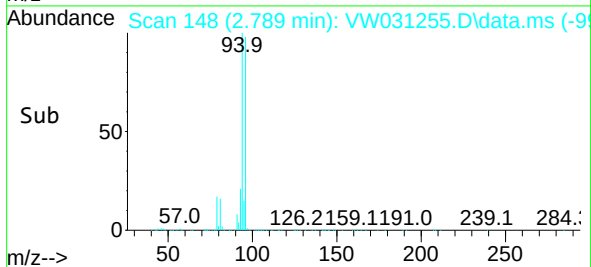
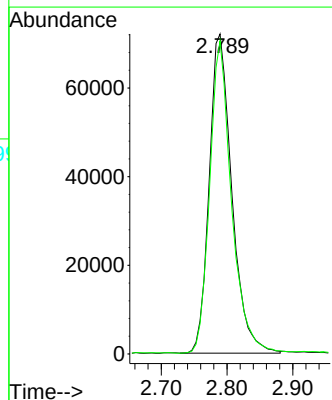
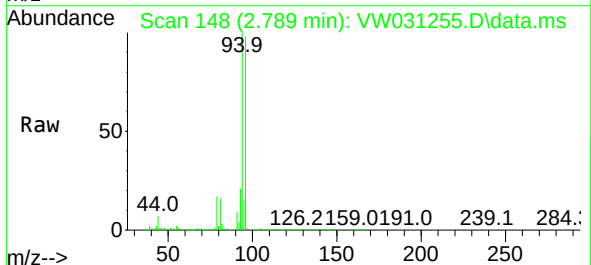
Instrument :
MSVOA_W
ClientSampleId :
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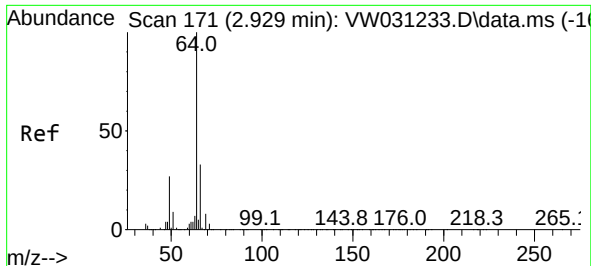
Tgt Ion: 62 Resp: 265546
Ion Ratio Lower Upper
62 100
64 32.1 24.1 44.8



#6
Bromomethane
Concen: 28.505 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 94 Resp: 172404
Ion Ratio Lower Upper
94 100
96 97.9 65.6 121.8

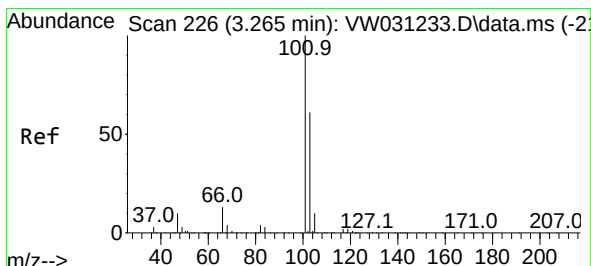
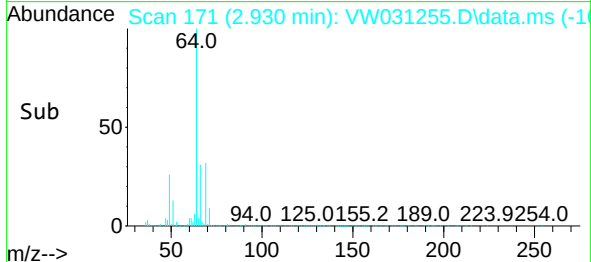
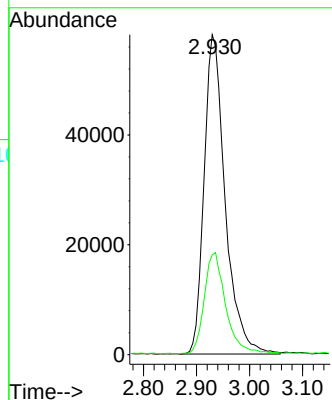
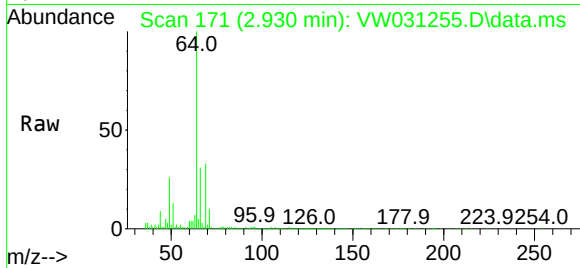




#8
Chloroethane
Concen: 27.422 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

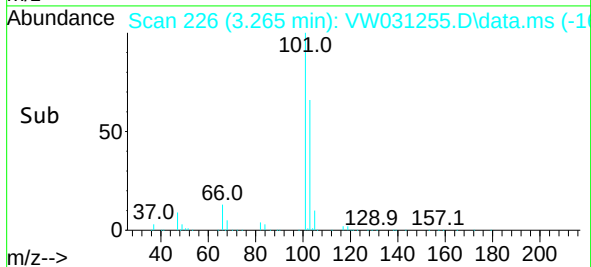
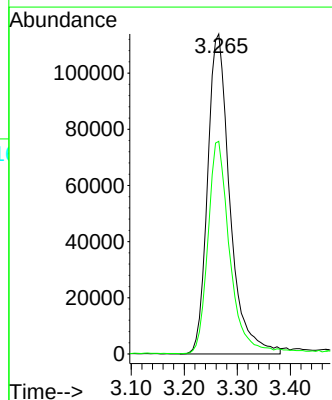
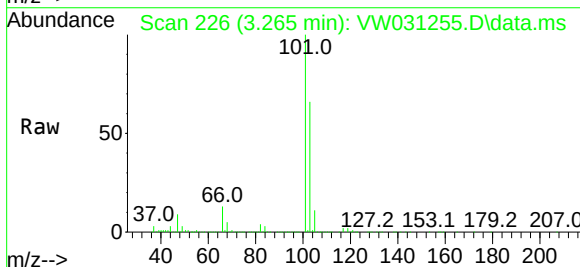
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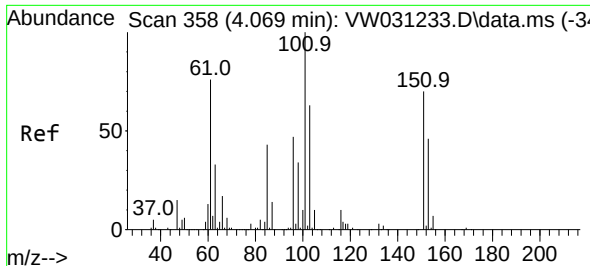
Tgt Ion: 64 Resp: 160438
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 31.736 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 101 Resp: 332608
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

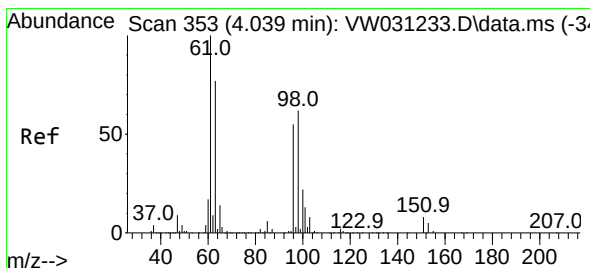
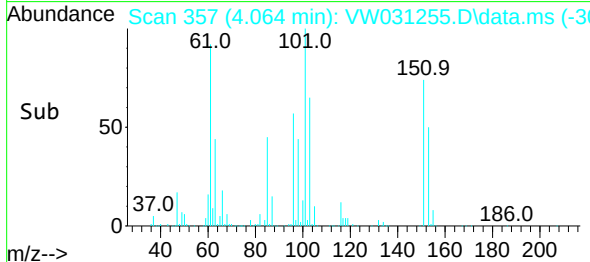
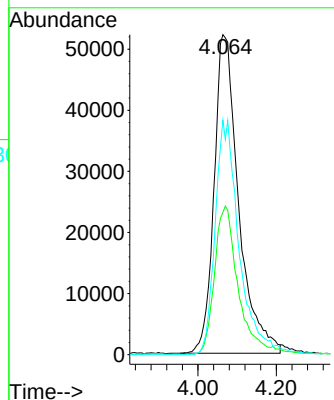
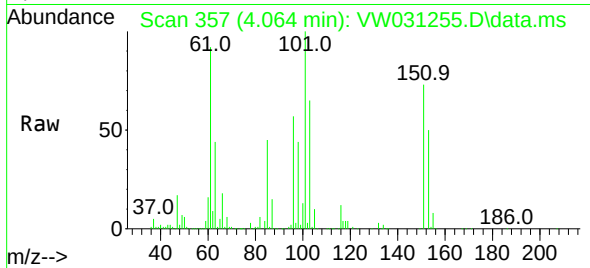




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.854 ug/L
 RT: 4.064 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

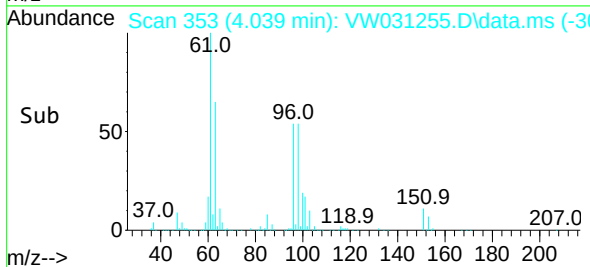
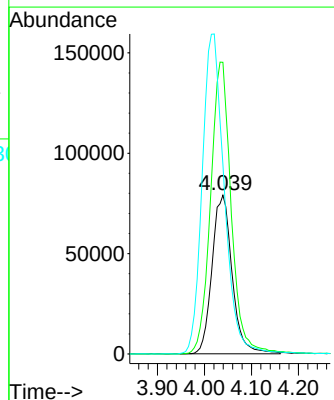
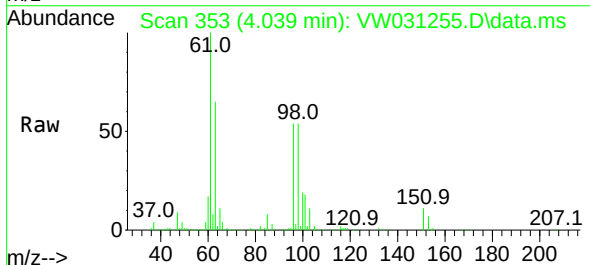
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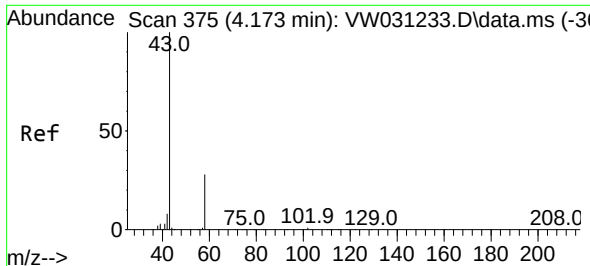
Tgt Ion:101 Resp: 227265
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.0 49.4
 151 70.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 27.435 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

Tgt Ion: 96 Resp: 235156
 Ion Ratio Lower Upper
 96 100
 61 183.7 125.3 232.7
 63 119.3 104.6 194.2





#13

Acetone

Concen: 42.597 ug/L

RT: 4.179 min Scan# 375

Delta R.T. 0.006 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

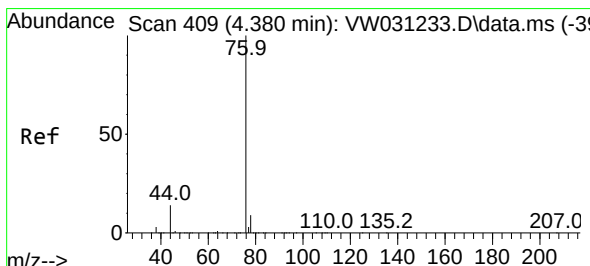
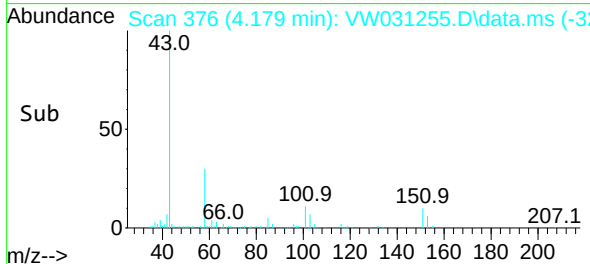
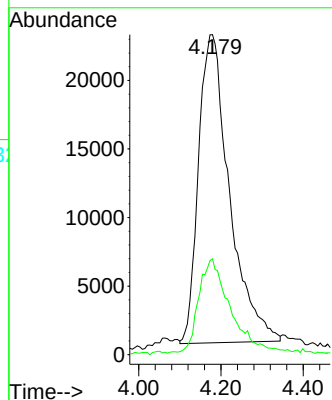
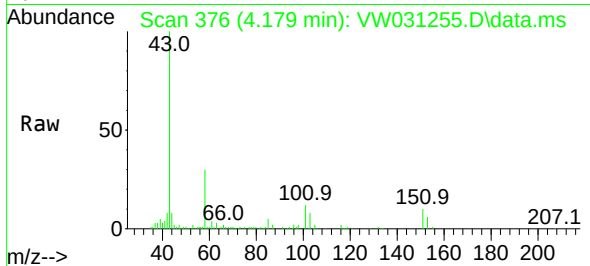
E28S7MSD

Tgt Ion: 43 Resp: 117532

Ion Ratio Lower Upper

43 100

58 27.7 0.0 0.0#



#14

Carbon disulfide

Concen: 26.516 ug/L

RT: 4.381 min Scan# 409

Delta R.T. 0.000 min

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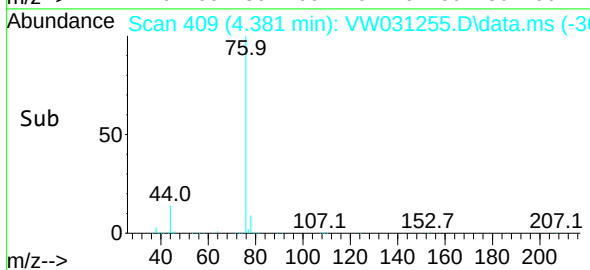
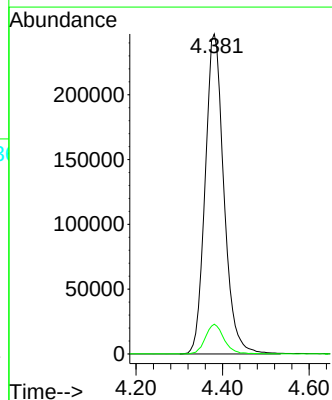
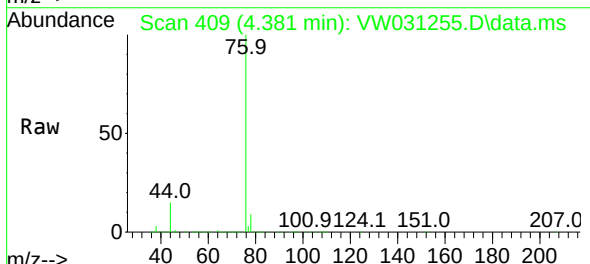
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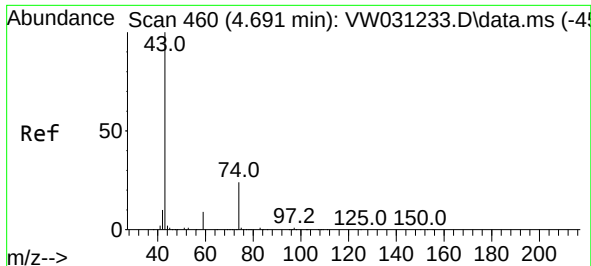
Tgt Ion: 76 Resp: 741228

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

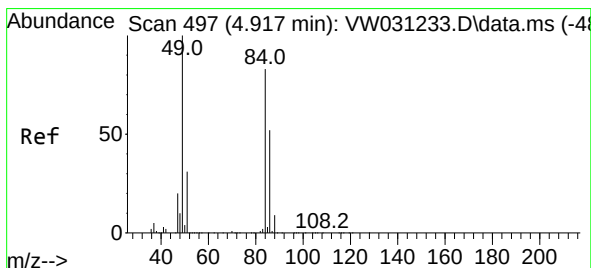
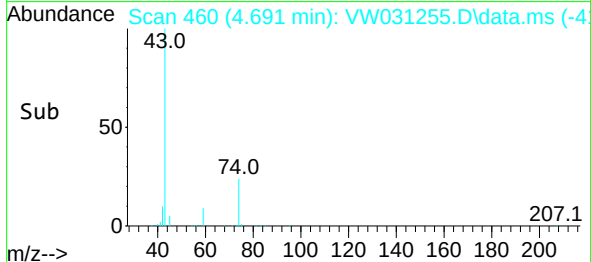
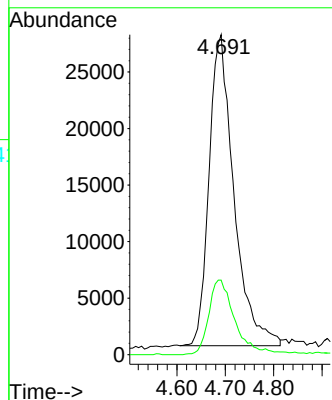
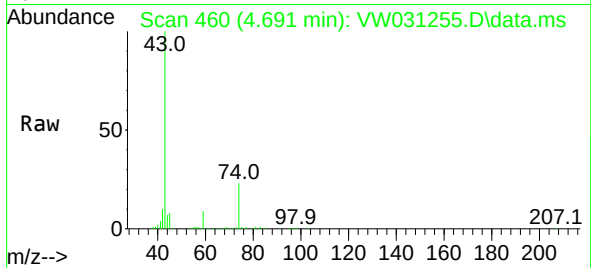




#15
Methyl Acetate
Concen: 31.372 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

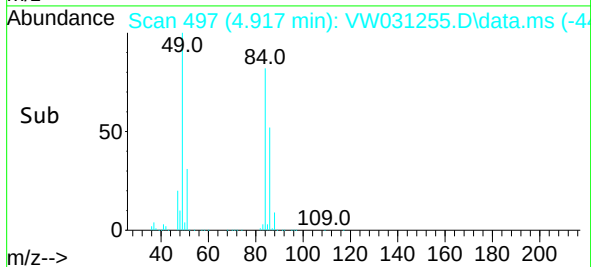
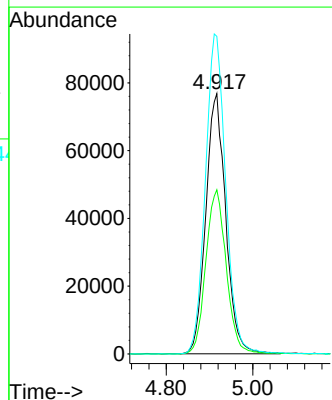
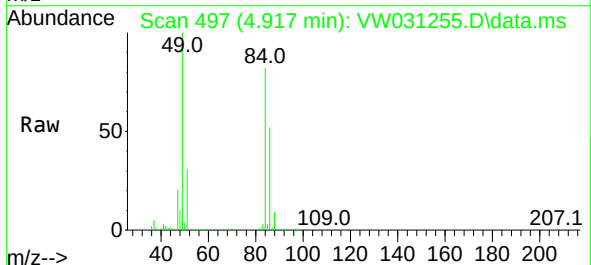
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

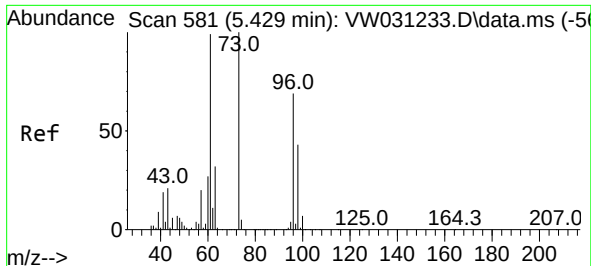
Tgt Ion: 43 Resp: 98314
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3



#16
Methylene chloride
Concen: 27.987 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 84 Resp: 246211
Ion Ratio Lower Upper
84 100
86 63.0 44.7 82.9
49 122.0 88.3 164.1

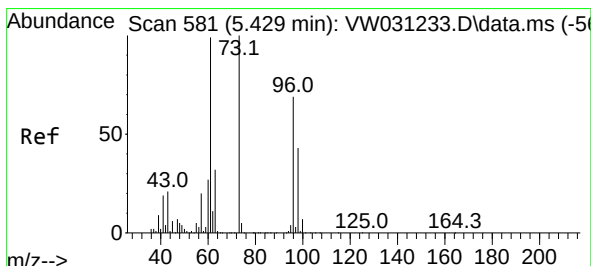
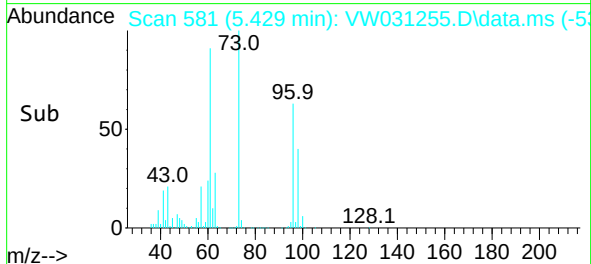
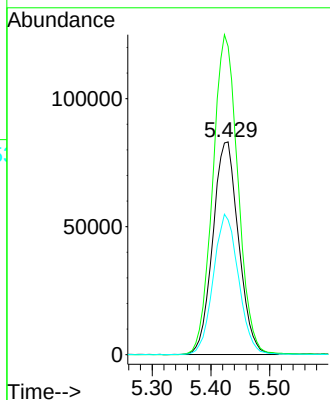
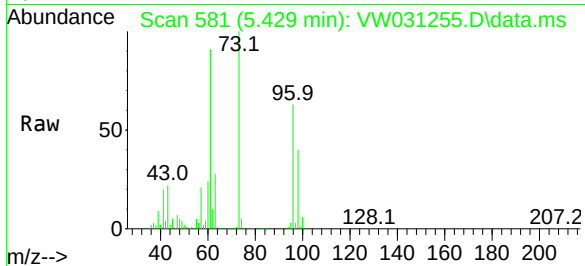




#17
trans-1,2-Dichloroethene
Concen: 27.414 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

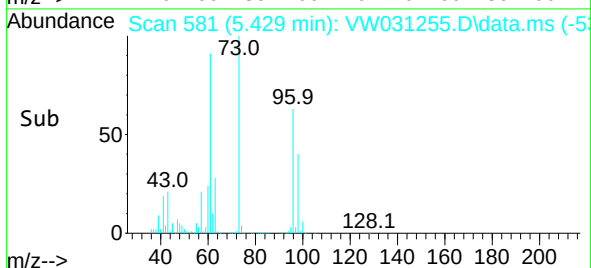
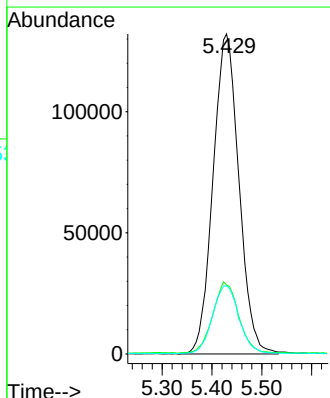
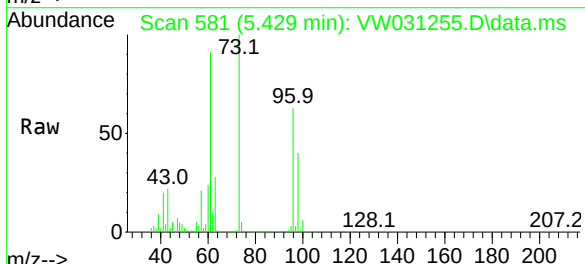
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

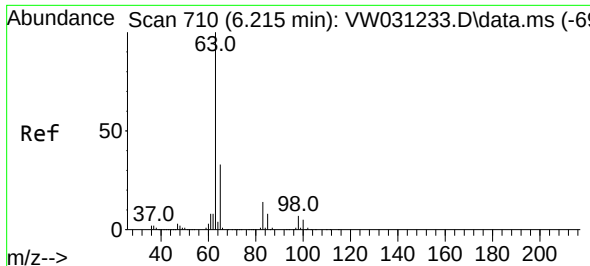
Tgt Ion: 96 Resp: 253289
Ion Ratio Lower Upper
96 100
61 144.8 100.7 187.1
98 63.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 30.789 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 73 Resp: 475570
Ion Ratio Lower Upper
73 100
43 22.2 17.9 26.9
57 21.8 17.9 26.9

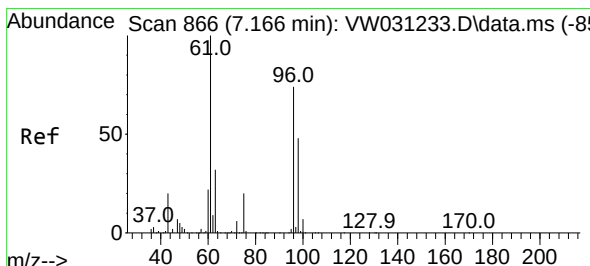
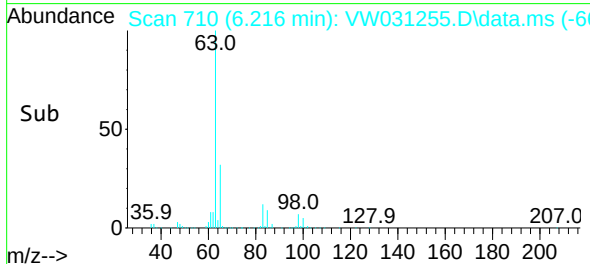
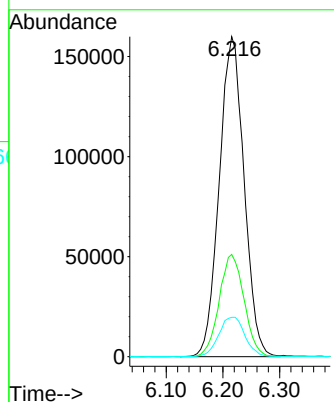
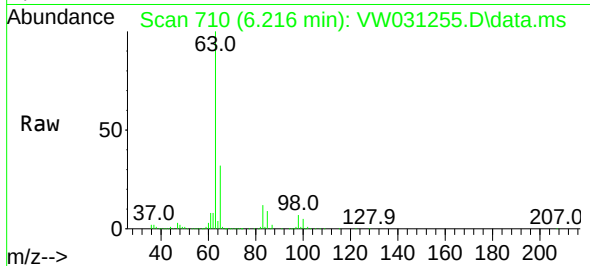




#19
 1,1-Dichloroethane
 Concen: 28.158 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

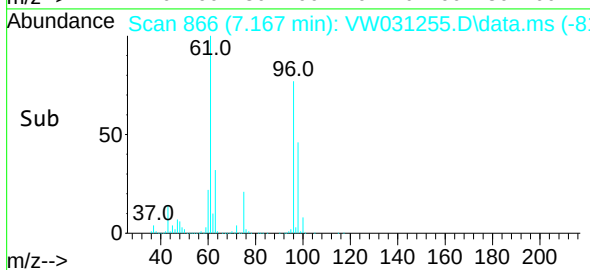
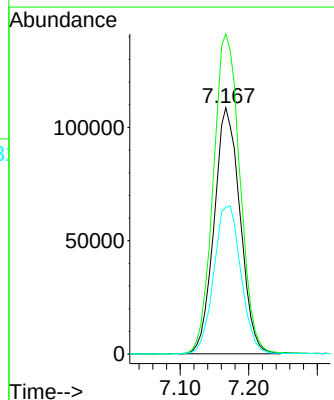
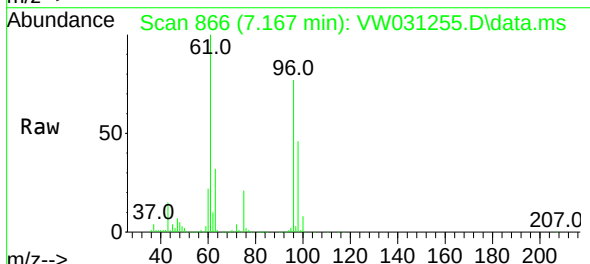
Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MSD

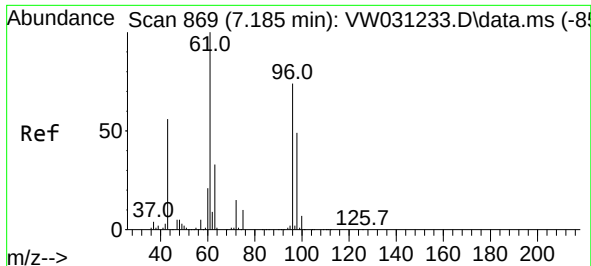
Tgt Ion: 63 Resp: 486154
 Ion Ratio Lower Upper
 63 100
 65 31.9 21.9 40.7
 83 12.3 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 28.544 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

Tgt Ion: 96 Resp: 285339
 Ion Ratio Lower Upper
 96 100
 61 129.9 92.2 171.2
 98 59.5 43.7 81.1

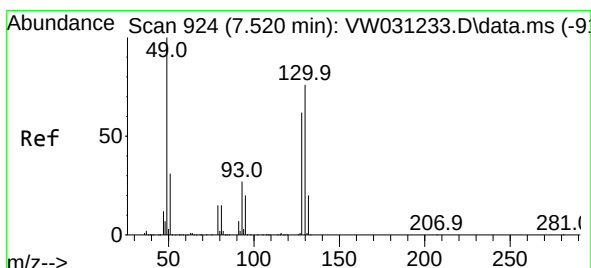
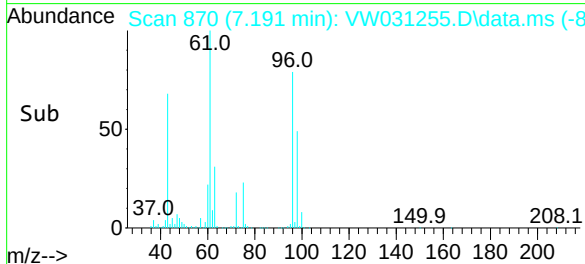
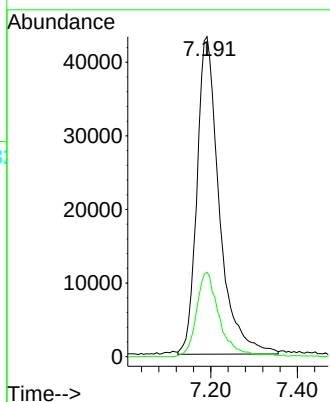
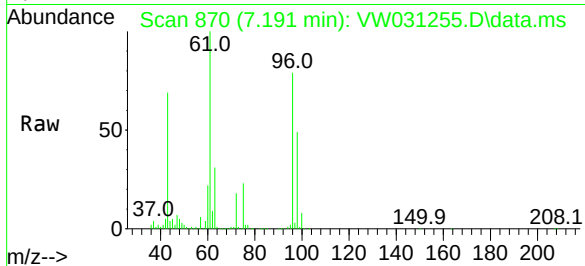




#22
2-Butanone
Concen: 46.275 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

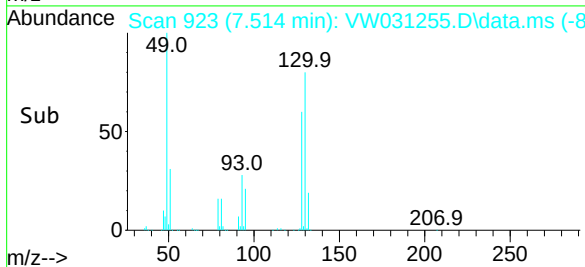
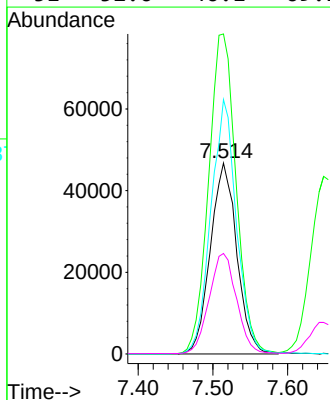
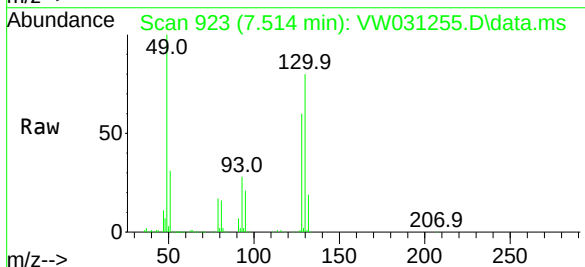
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

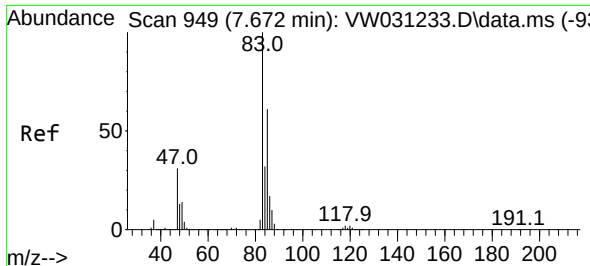
Tgt Ion: 43 Resp: 154702
Ion Ratio Lower Upper
43 100
72 26.5 13.3 39.8



#23
Bromochloromethane
Concen: 28.882 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 128 Resp: 115146
Ion Ratio Lower Upper
128 100
49 167.7 123.7 229.7
130 133.4 90.3 167.7
51 52.6 46.1 69.1

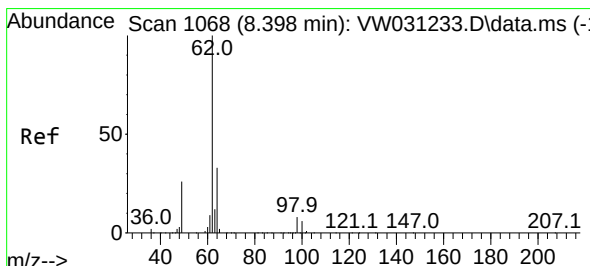
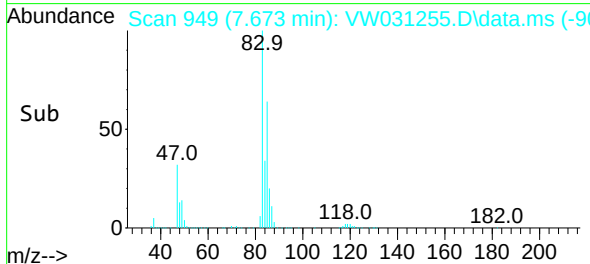
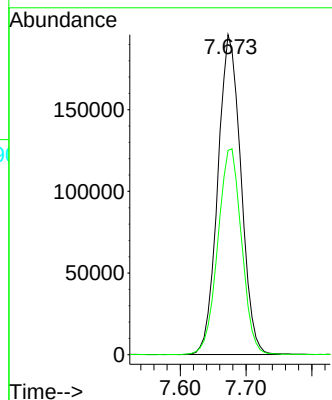
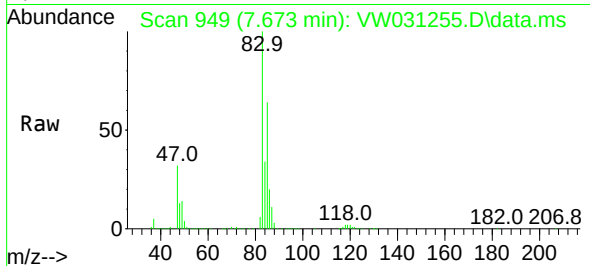




#25
Chloroform
Concen: 28.149 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

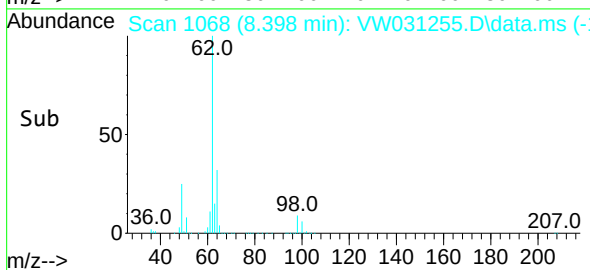
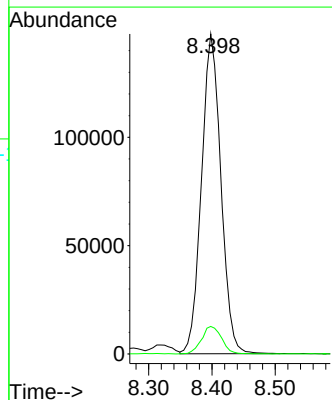
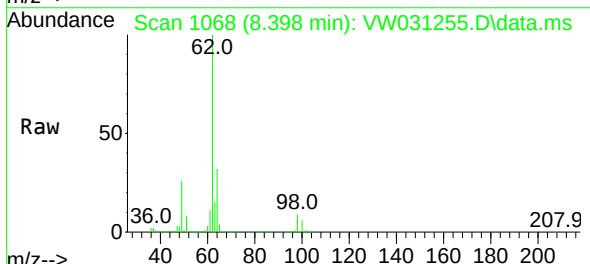
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

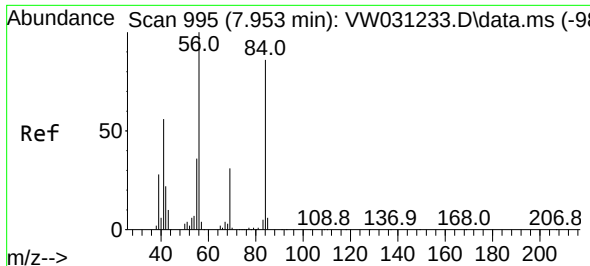
Tgt Ion: 83 Resp: 479662
Ion Ratio Lower Upper
83 100
85 63.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 29.484 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

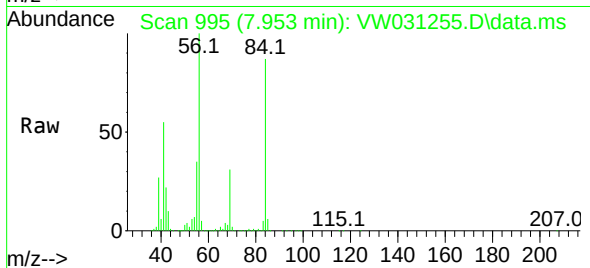
Tgt Ion: 62 Resp: 315852
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8



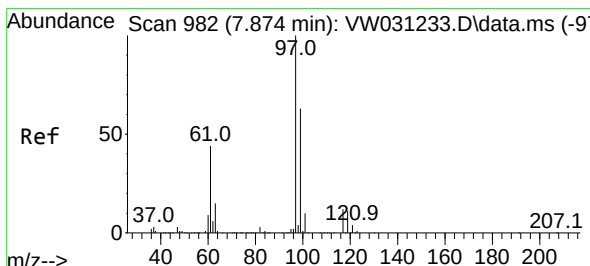
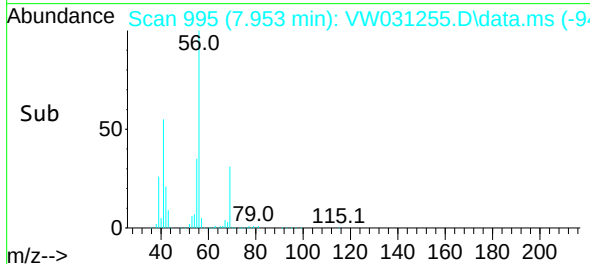
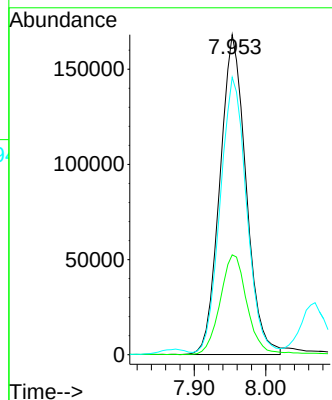


#29
Cyclohexane
Concen: 25.622 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

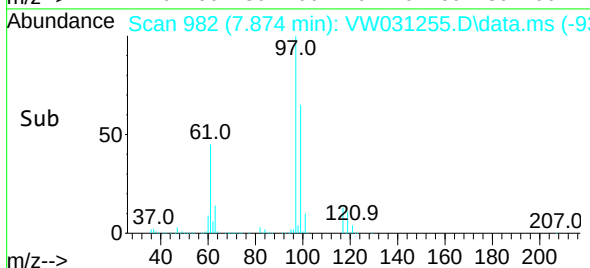
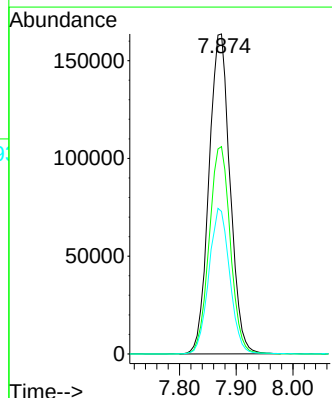
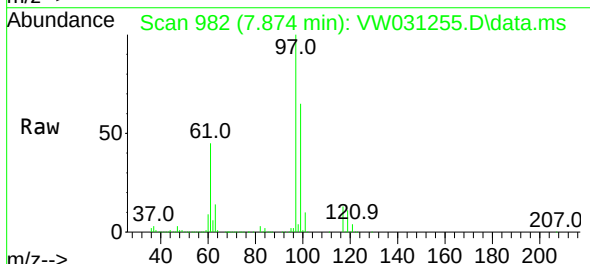


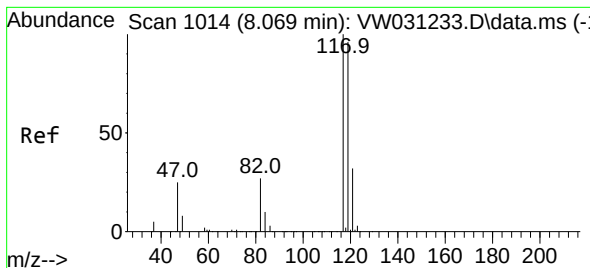
Tgt Ion: 56 Resp: 426586
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.4
84 87.6 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 26.614 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 97 Resp: 422321
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 45.1 36.3 54.5





#31

Carbon tetrachloride

Concen: 26.874 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

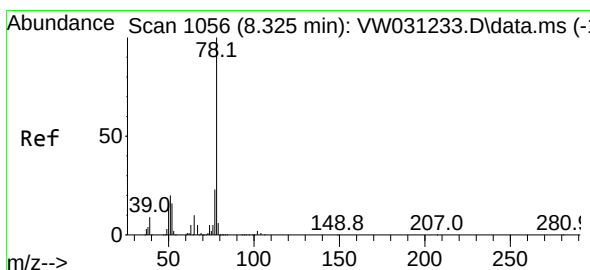
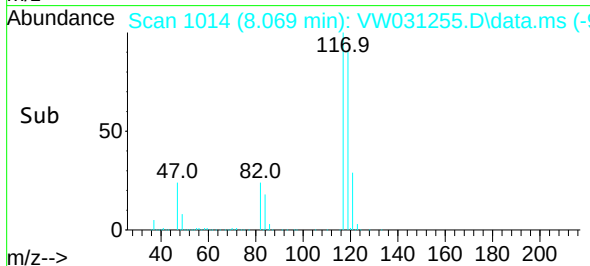
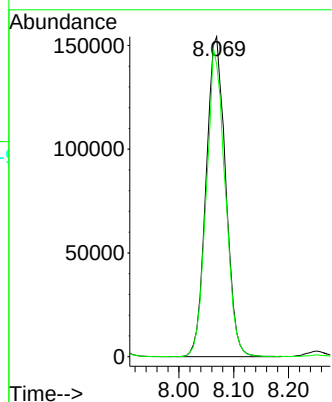
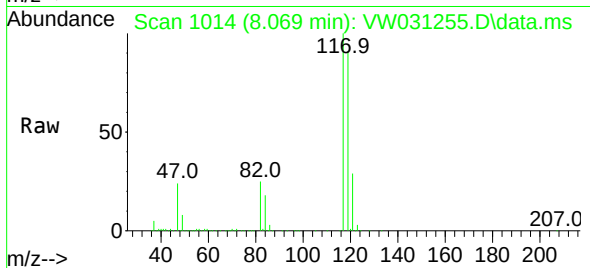
E28S7MSD

Tgt Ion:117 Resp: 379918

Ion Ratio Lower Upper

117 100

119 92.9 76.0 114.0



#33

Benzene

Concen: 27.544 ug/L

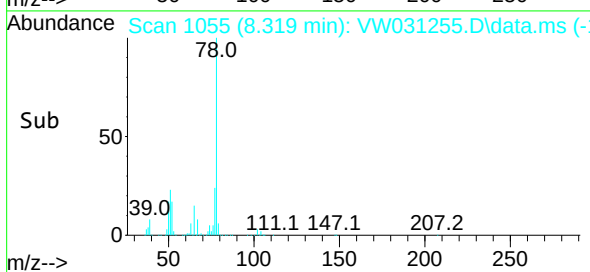
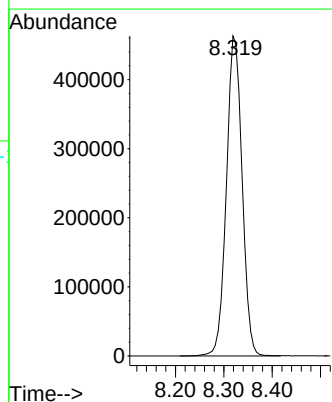
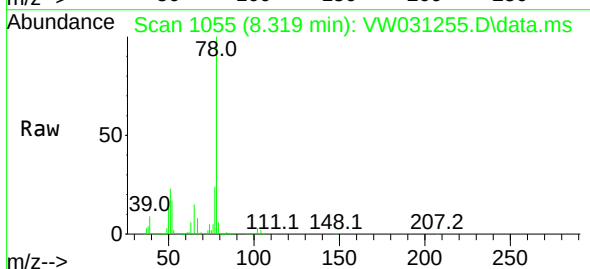
RT: 8.319 min Scan# 1055

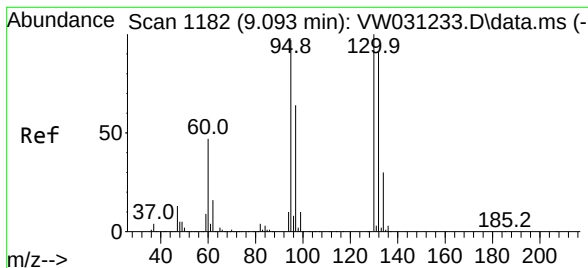
Delta R.T. -0.006 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Tgt Ion: 78 Resp: 1045006





#34

Trichloroethene

Concen: 26.826 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

E28S7MSD

Tgt Ion: 95 Resp: 287339

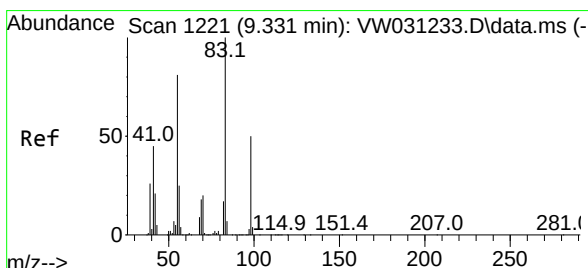
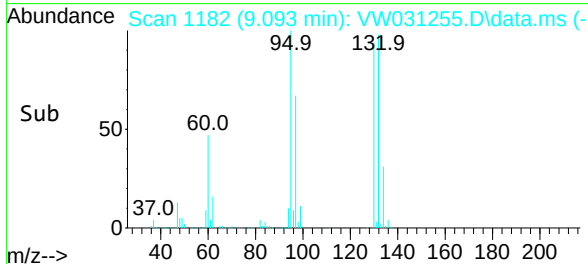
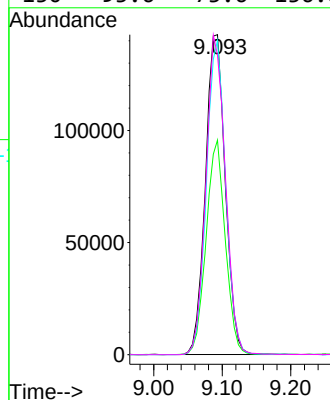
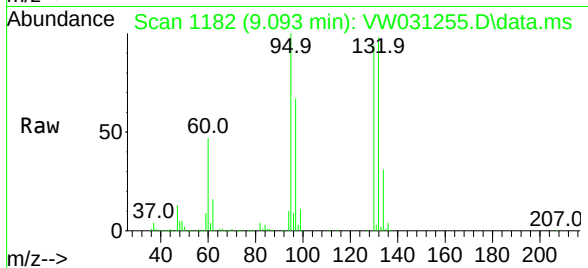
Ion Ratio Lower Upper

95 100

97 67.1 46.5 86.3

132 98.2 70.3 130.5

130 93.6 73.6 136.8



#35

Methylcyclohexane

Concen: 25.775 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

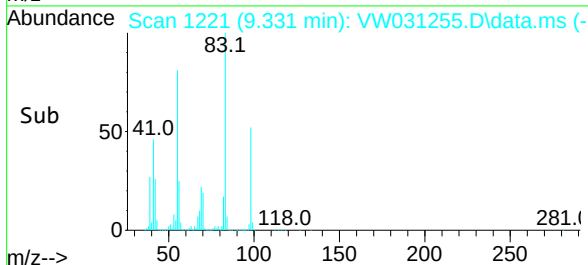
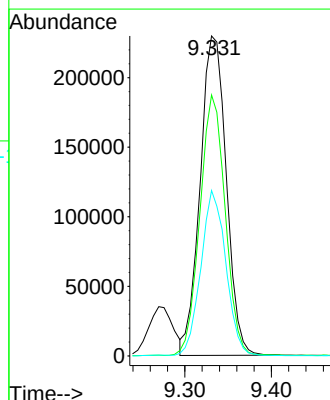
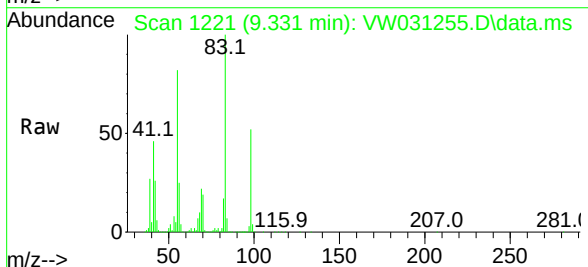
Tgt Ion: 83 Resp: 480789

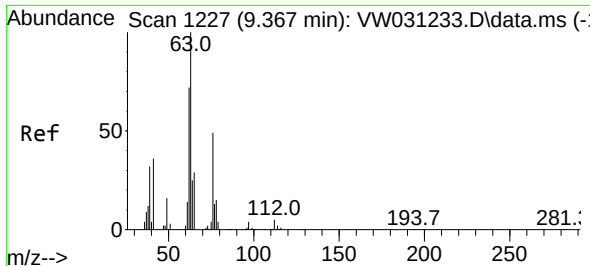
Ion Ratio Lower Upper

83 100

55 79.2 62.6 93.8

98 49.6 39.8 59.6





#37

1,2-Dichloropropane

Concen: 27.983 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

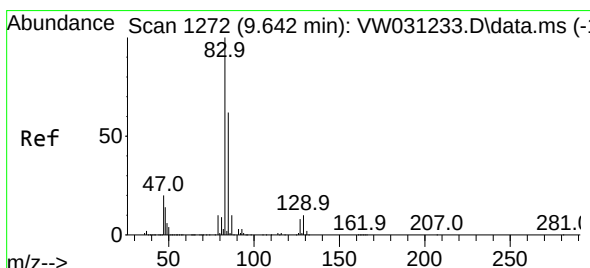
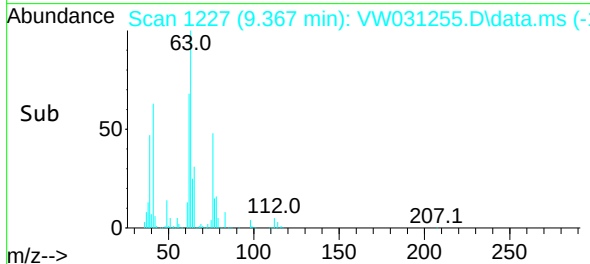
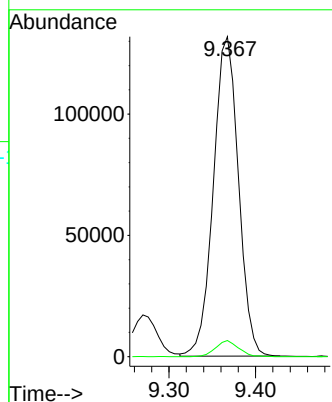
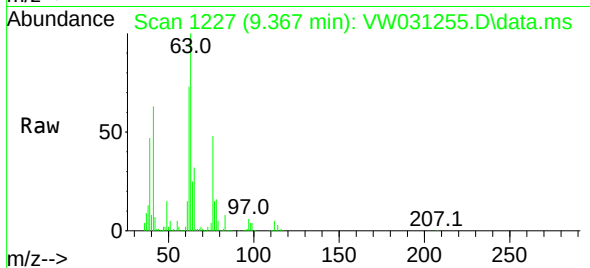
E28S7MSD

Tgt Ion: 63 Resp: 264845

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 27.816 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

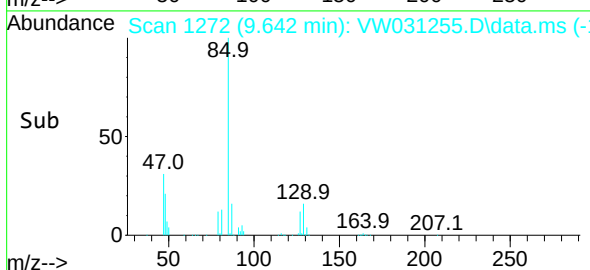
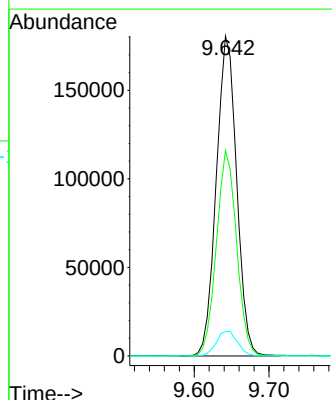
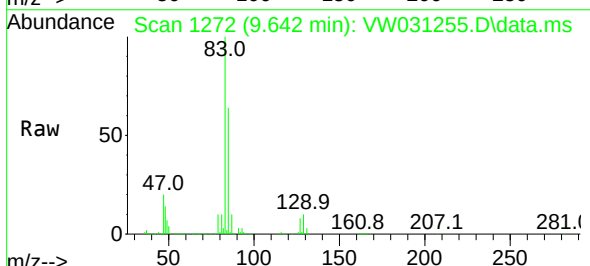
Tgt Ion: 83 Resp: 342262

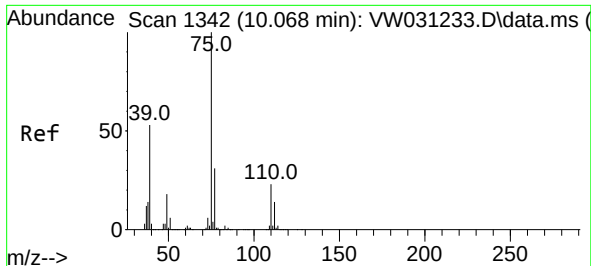
Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.5

127 7.6 6.2 9.4

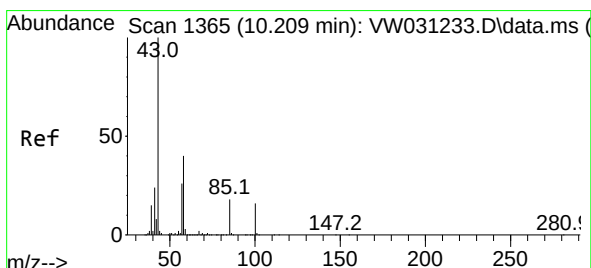
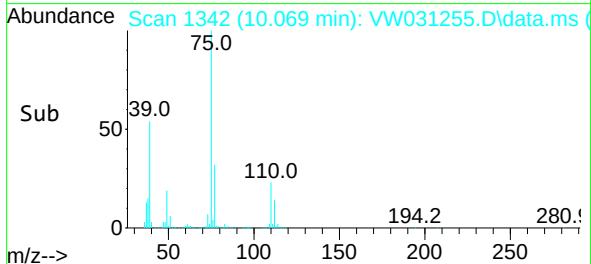
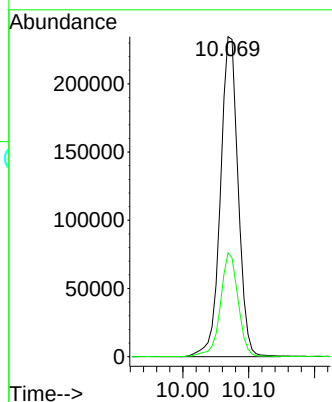
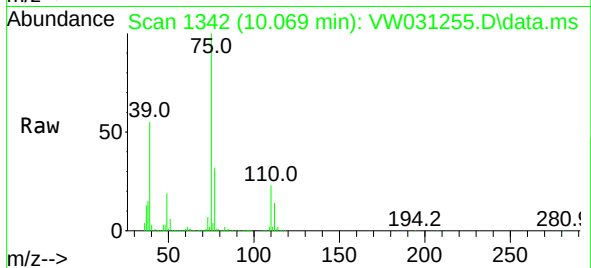




#39
cis-1,3-Dichloropropene
Concen: 27.444 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

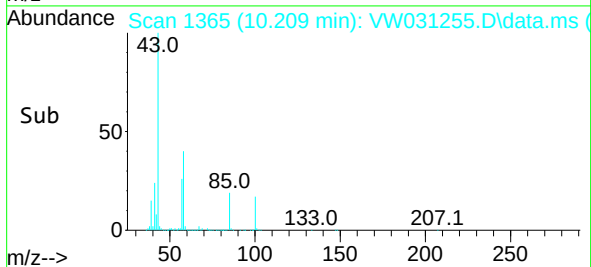
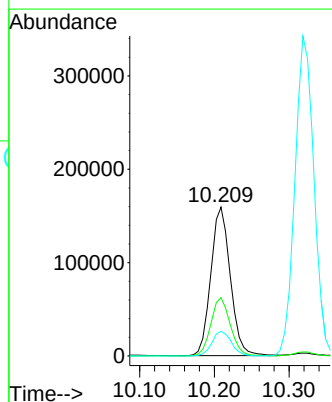
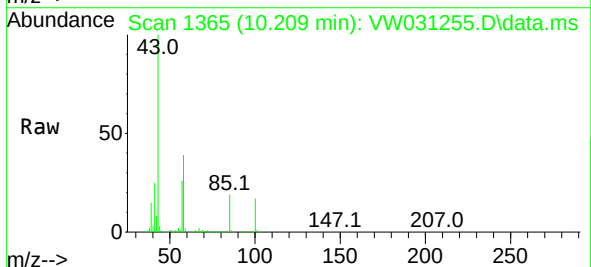
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

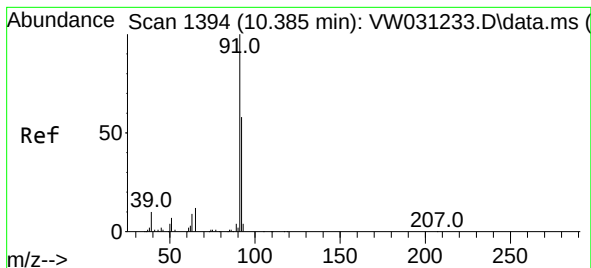
Tgt Ion: 75 Resp: 438926
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 57.296 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 43 Resp: 287708
Ion Ratio Lower Upper
43 100
58 39.3 31.1 46.7
100 16.6 13.0 19.6





#42

Toluene

Concen: 27.589 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

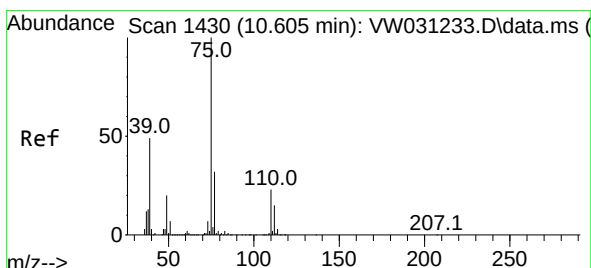
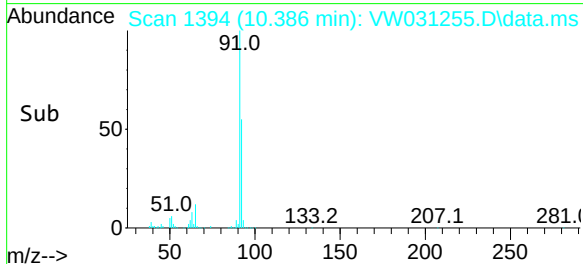
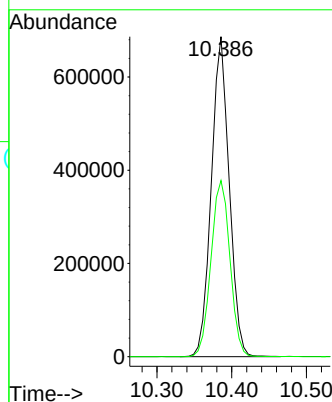
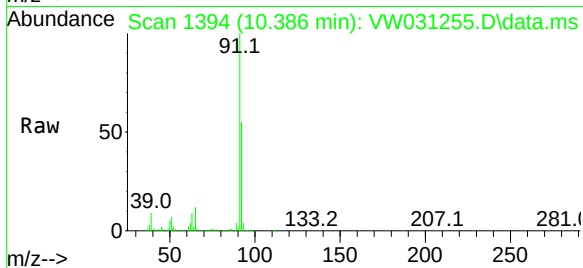
E28S7MSD

Tgt Ion: 91 Resp: 1139603

Ion Ratio Lower Upper

91 100

92 55.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 27.994 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031255.D

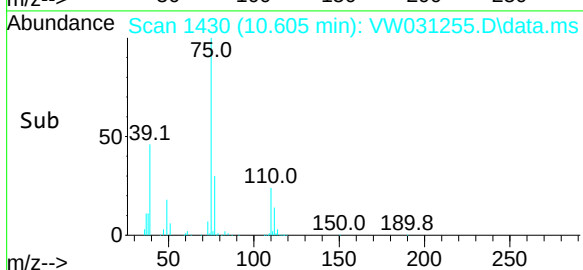
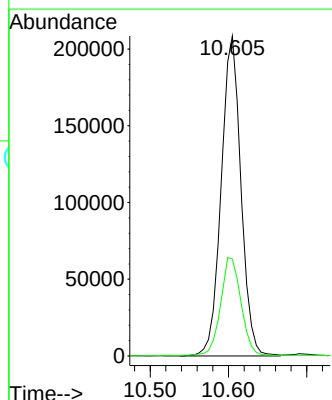
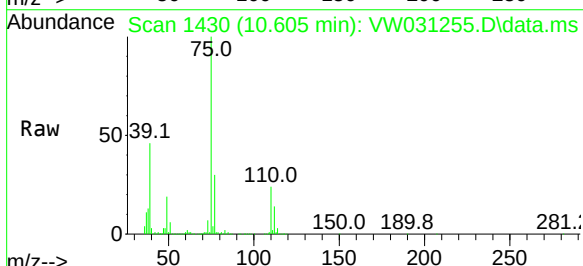
Acq: 13 Dec 2024 22:55

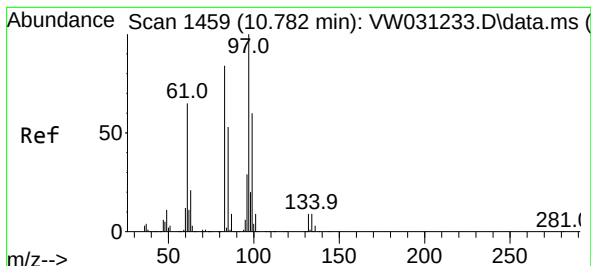
Tgt Ion: 75 Resp: 365576

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 29.422 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

E28S7MSD

Tgt Ion: 97 Resp: 185223

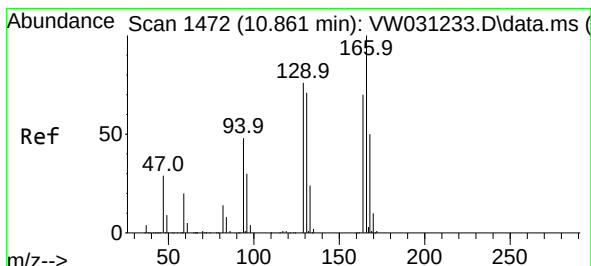
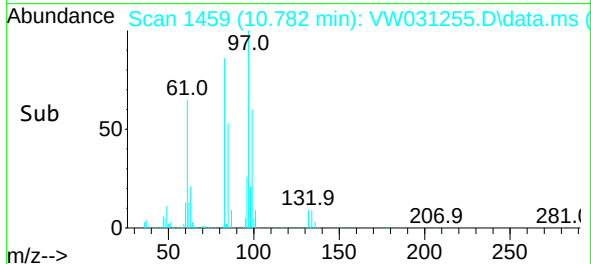
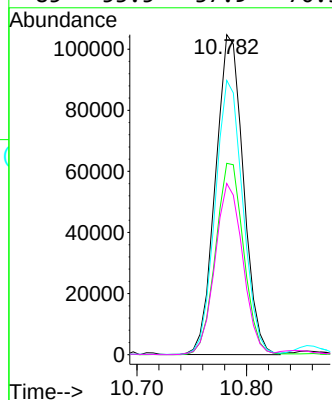
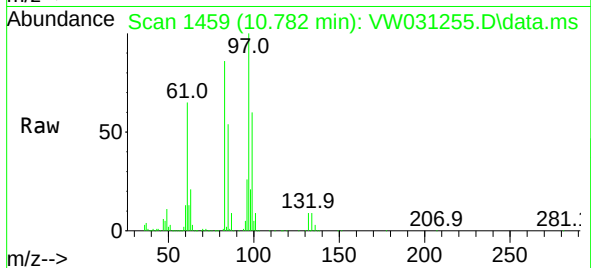
Ion Ratio Lower Upper

97 100

99 59.8 43.0 80.0

83 85.7 56.4 104.7

85 53.5 37.9 70.3



#46

Tetrachloroethene

Concen: 26.986 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Tgt Ion:164 Resp: 211731

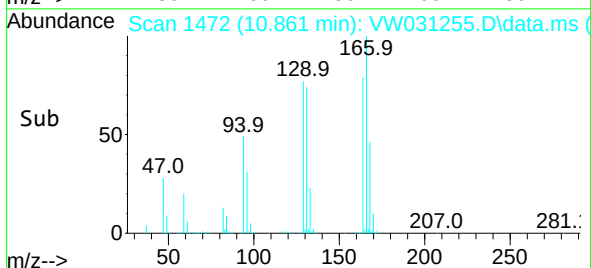
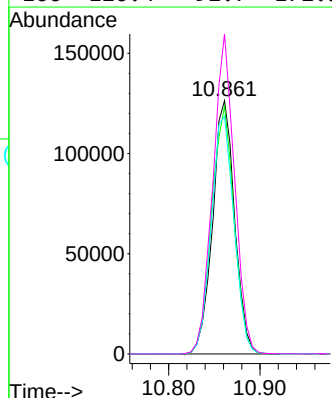
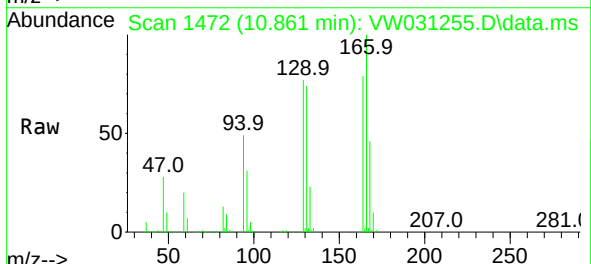
Ion Ratio Lower Upper

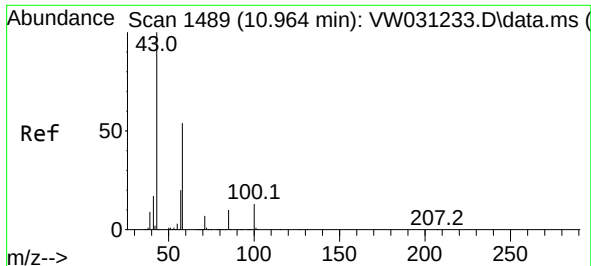
164 100

129 97.9 73.5 136.5

131 93.8 66.6 123.8

166 126.4 92.7 172.3

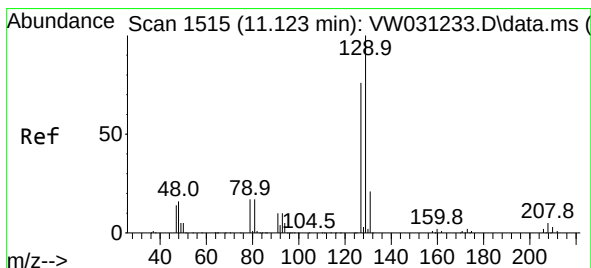
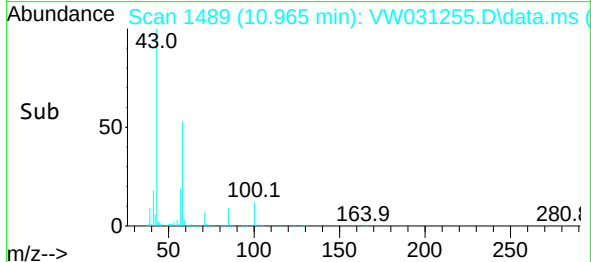
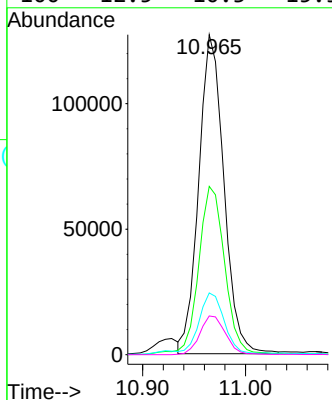
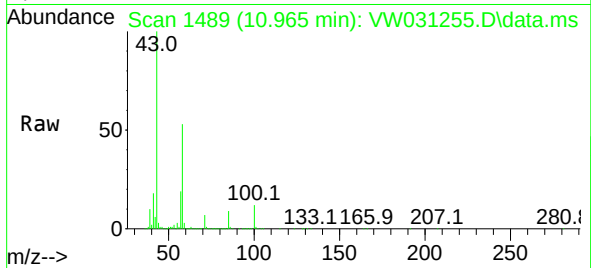




#48
2-Hexanone
Concen: 50.786 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

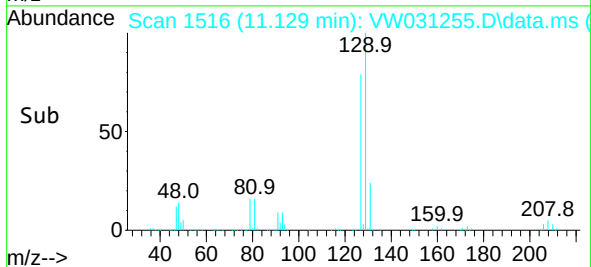
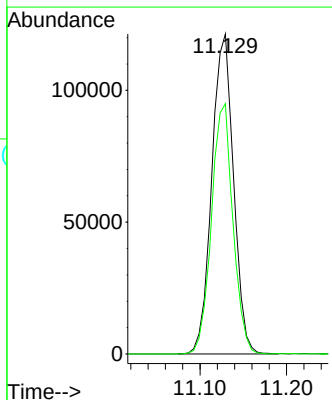
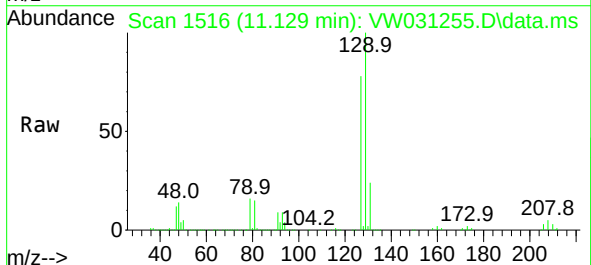
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

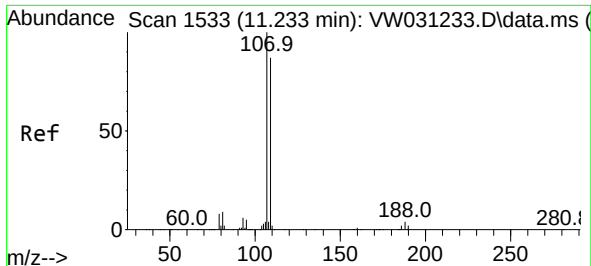
Tgt Ion: 43 Resp: 216888
Ion Ratio Lower Upper
43 100
58 55.2 43.0 64.6
57 19.1 15.7 23.5
100 12.5 10.3 15.5



#49
Dibromochloromethane
Concen: 28.340 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 129 Resp: 211480
Ion Ratio Lower Upper
129 100
127 78.2 57.6 107.0





#50

1,2-Dibromoethane

Concen: 29.042 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

E28S7MSD

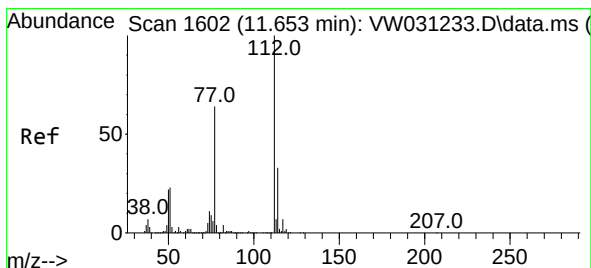
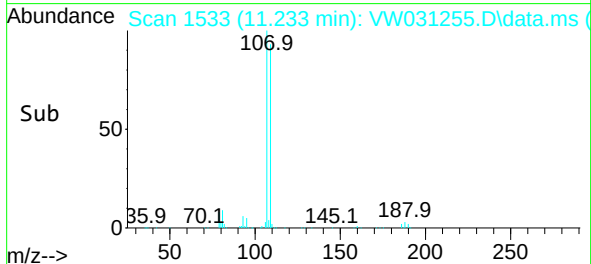
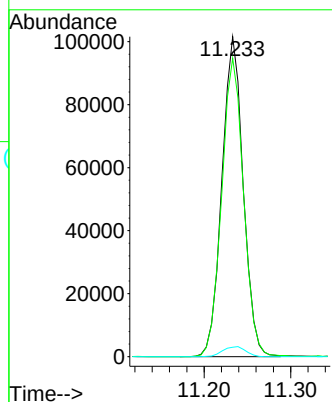
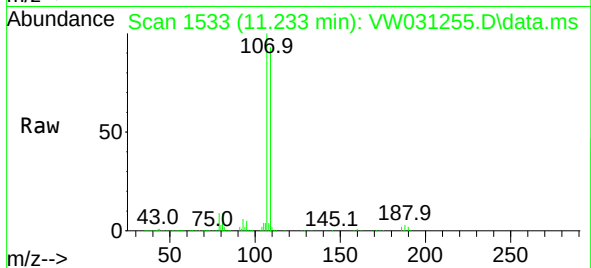
Tgt Ion:107 Resp: 173197

Ion Ratio Lower Upper

107 100

109 93.2 63.2 117.4

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 27.514 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

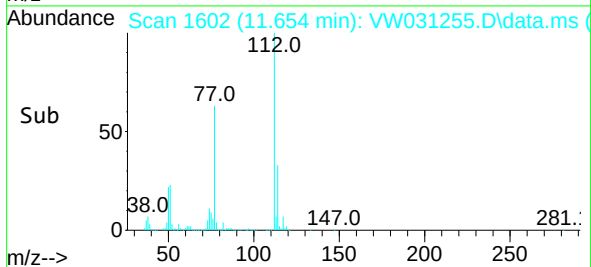
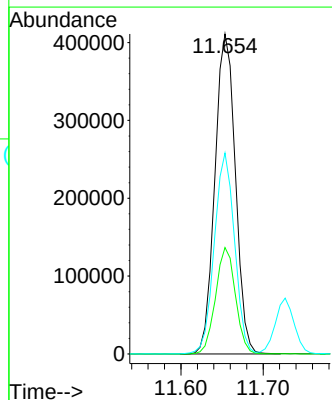
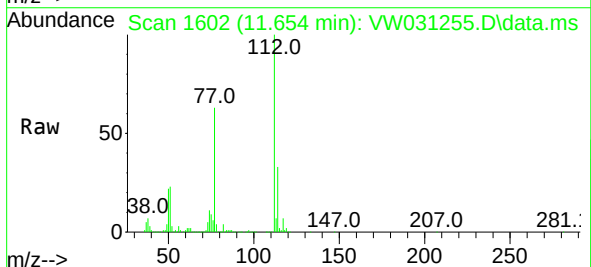
Tgt Ion:112 Resp: 712580

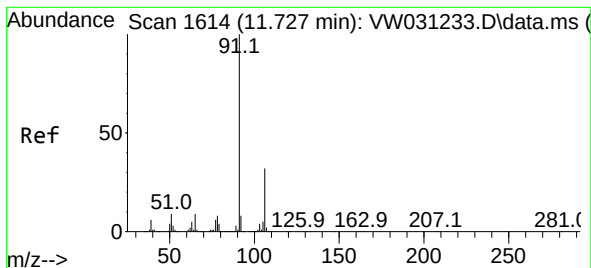
Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.3

77 62.8 50.2 75.4

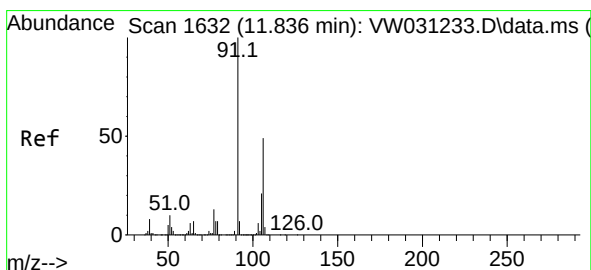
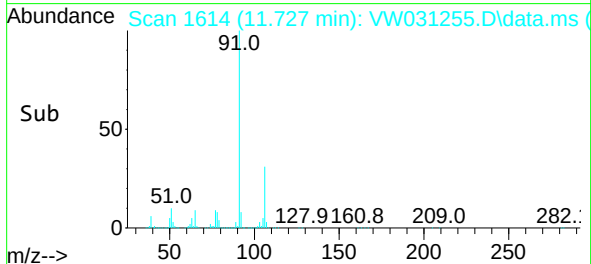
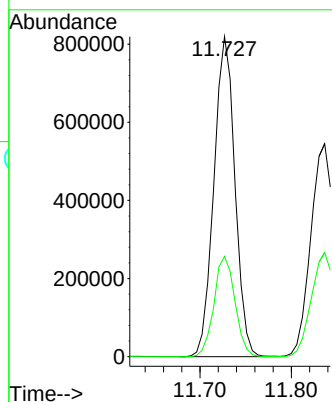
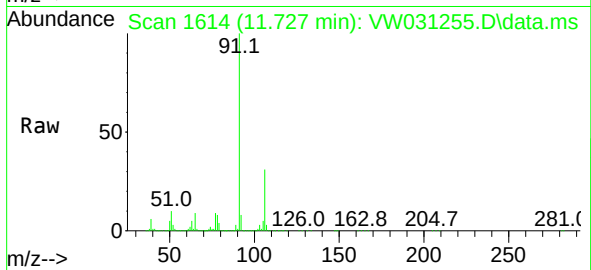




#52
Ethylbenzene
Concen: 27.340 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

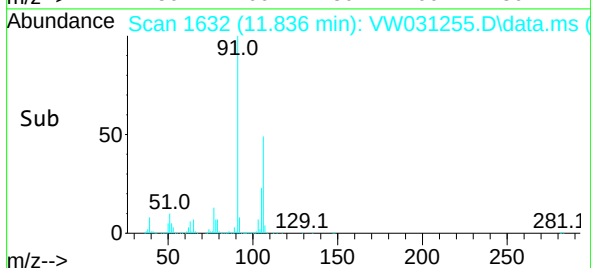
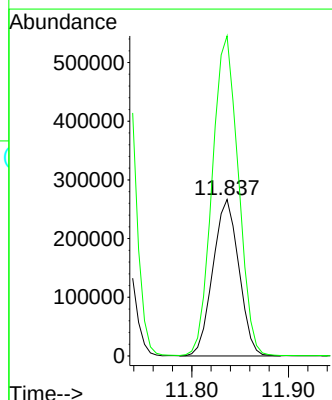
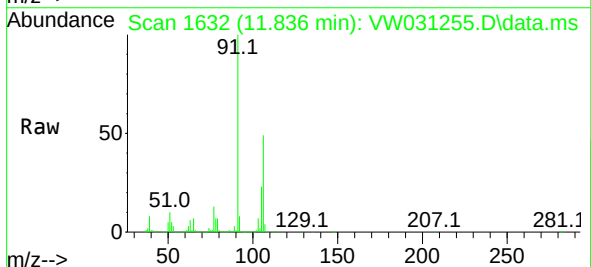
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

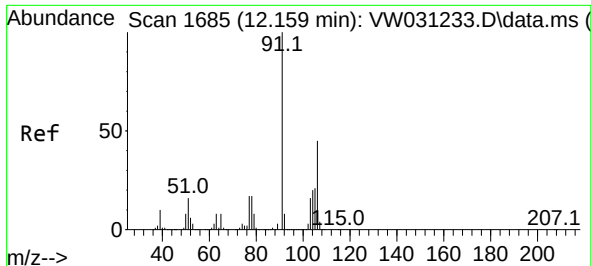
Tgt Ion: 91 Resp: 1308847
Ion Ratio Lower Upper
91 100
106 31.4 20.7 38.5



#53
m,p-Xylene
Concen: 27.268 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion:106 Resp: 496943
Ion Ratio Lower Upper
106 100
91 204.5 139.9 259.7

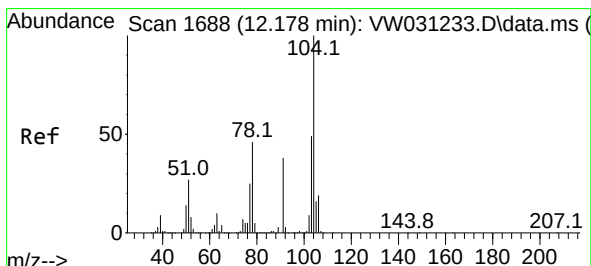
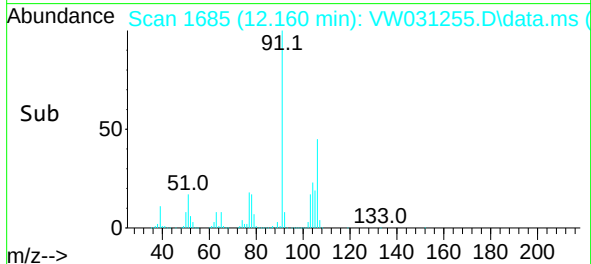
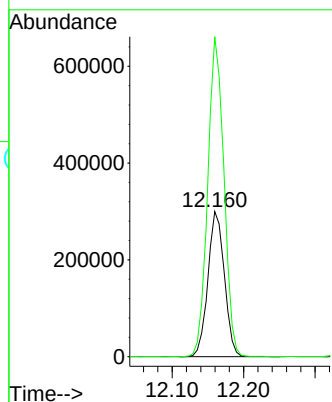
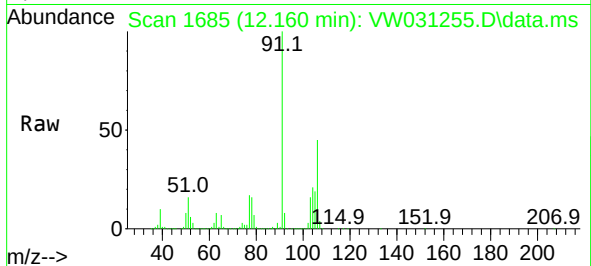




#54
o-Xylene
Concen: 27.905 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

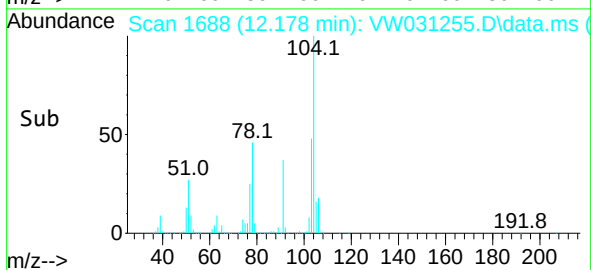
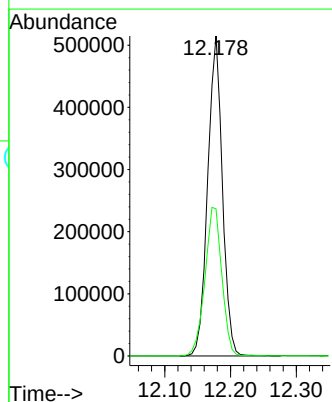
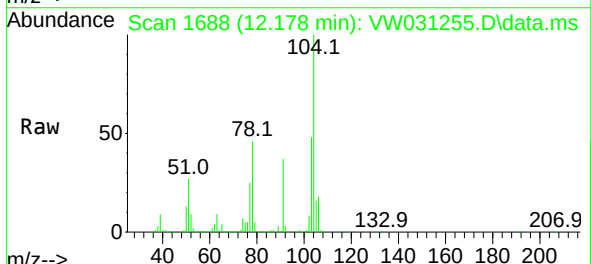
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

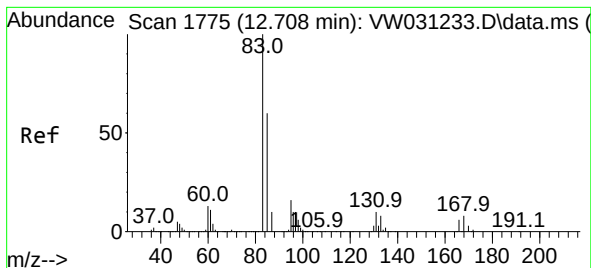
Tgt Ion:106 Resp: 479298
Ion Ratio Lower Upper
106 100
91 220.4 153.1 284.3



#55
Styrene
Concen: 28.035 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion:104 Resp: 800957
Ion Ratio Lower Upper
104 100
78 45.9 31.4 58.4

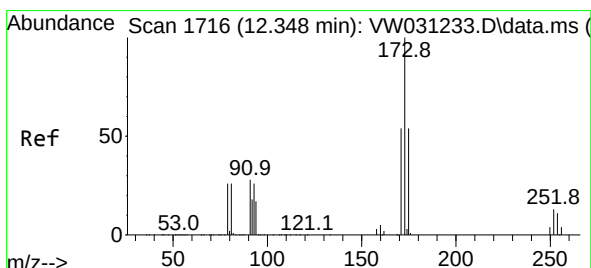
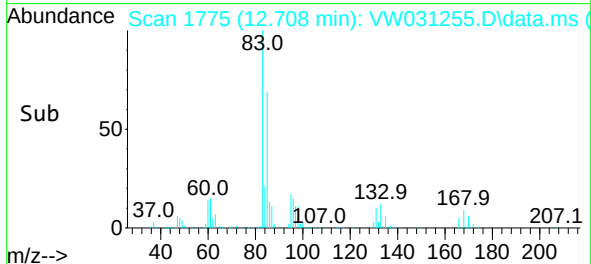
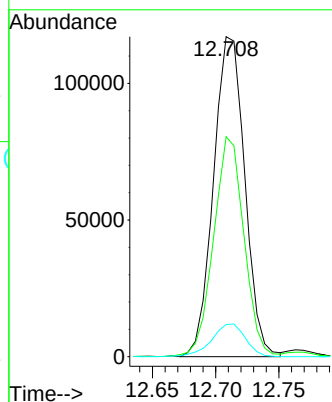
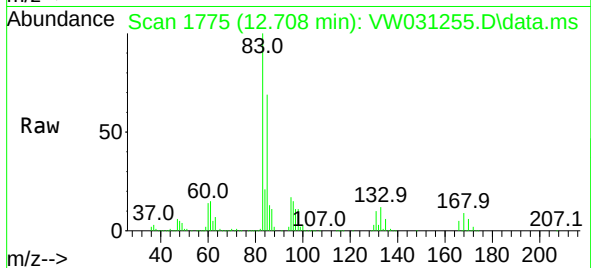




#57
 1,1,2,2-Tetrachloroethane
 Concen: 29.684 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

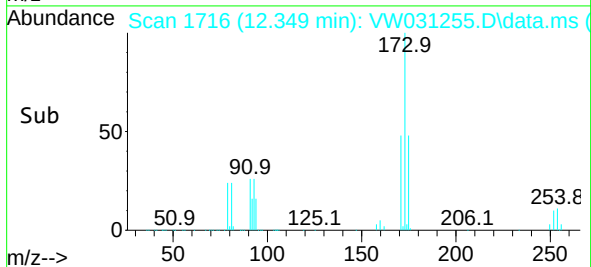
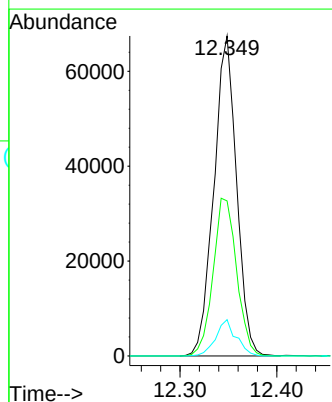
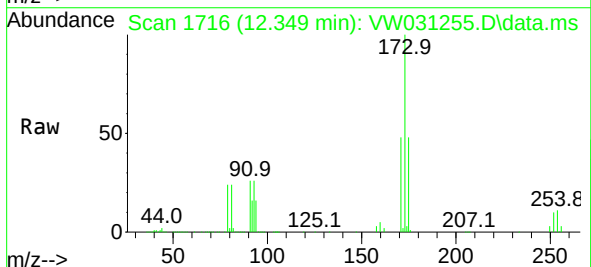
Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MSD

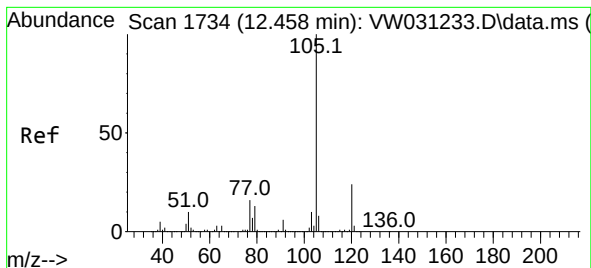
Tgt Ion: 83 Resp: 201449
 Ion Ratio Lower Upper
 83 100
 85 68.7 44.1 81.9
 131 10.0 7.9 11.9



#59
 Bromoform
 Concen: 26.961 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VW031255.D
 Acq: 13 Dec 2024 22:55

Tgt Ion: 173 Resp: 109861
 Ion Ratio Lower Upper
 173 100
 175 51.2 38.6 57.8
 254 10.2 7.6 11.4





#60

Isopropylbenzene

Concen: 27.531 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

E28S7MSD

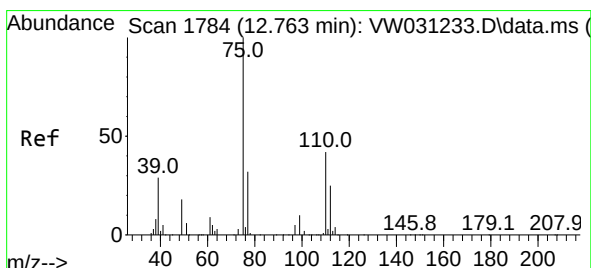
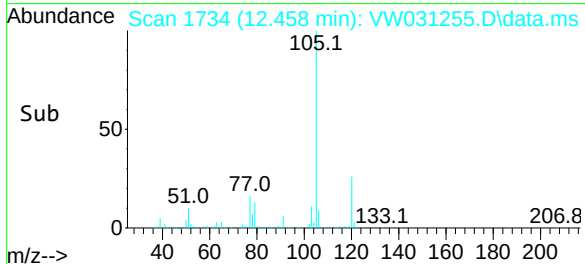
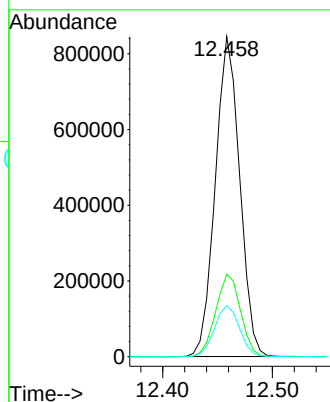
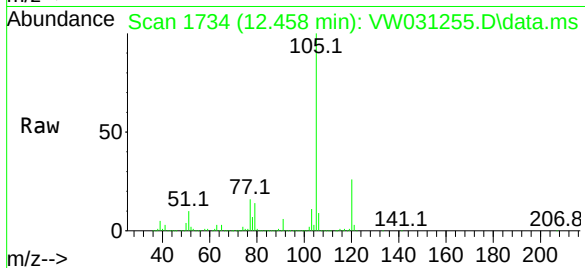
Tgt Ion:105 Resp: 1306781

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 29.655 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

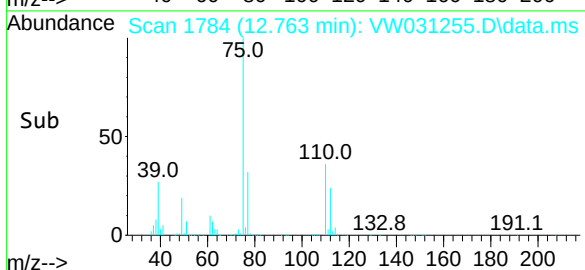
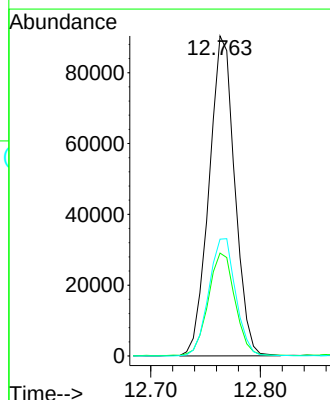
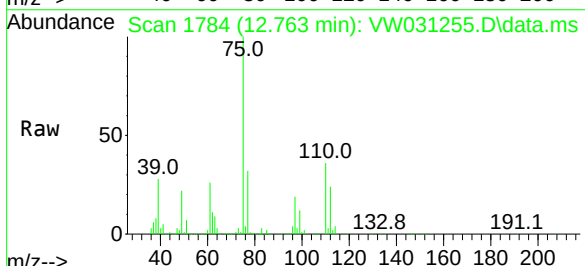
Tgt Ion: 75 Resp: 147187

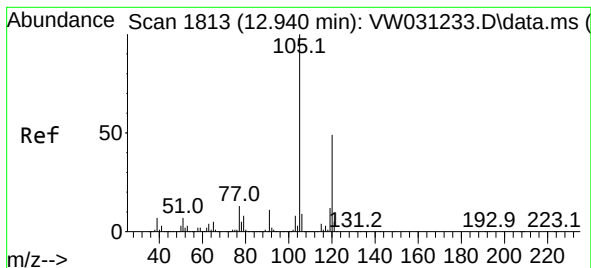
Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9

110 38.3 31.2 46.8

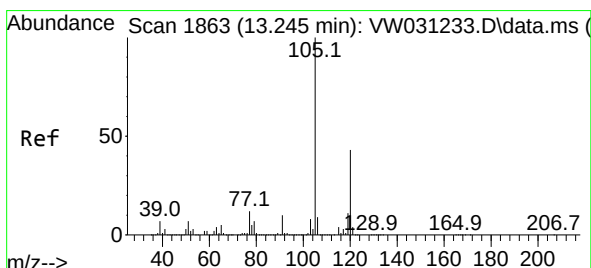
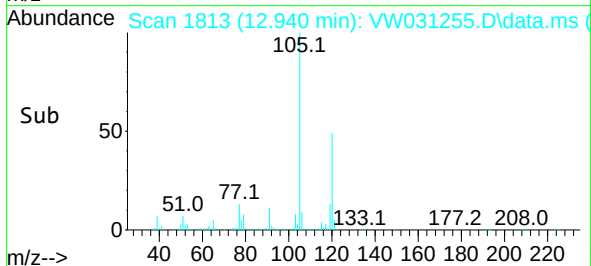
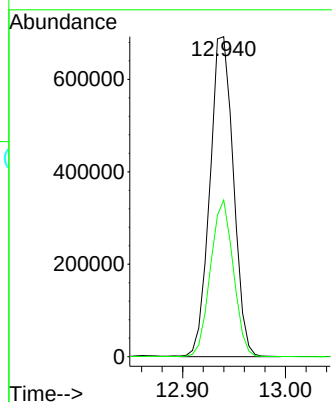
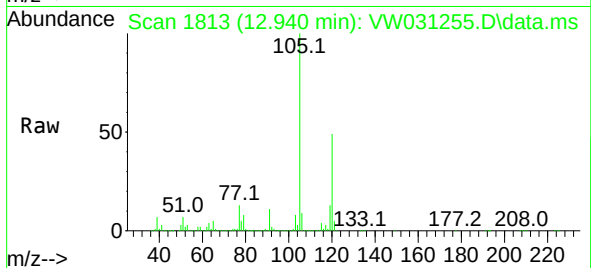




#62
1,3,5-Trimethylbenzene
Concen: 27.364 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

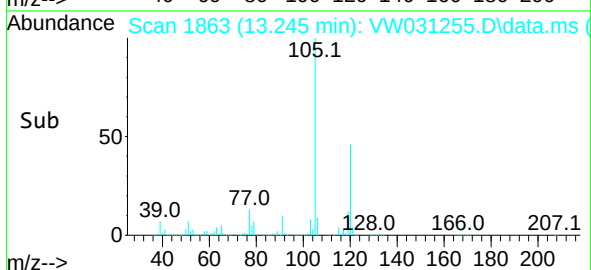
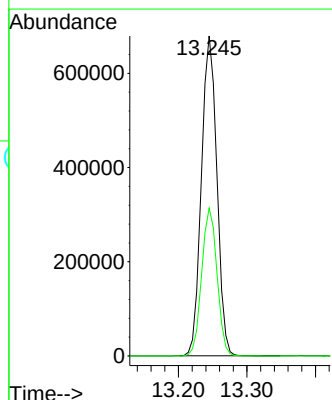
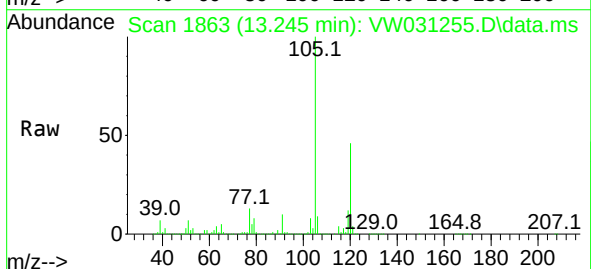
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

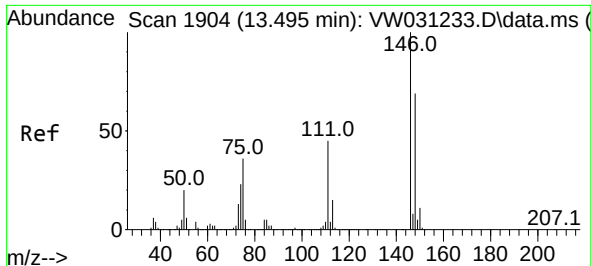
Tgt Ion:105 Resp: 1101189
Ion Ratio Lower Upper
105 100
120 47.3 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 27.460 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion:105 Resp: 1068048
Ion Ratio Lower Upper
105 100
120 45.7 35.0 52.4

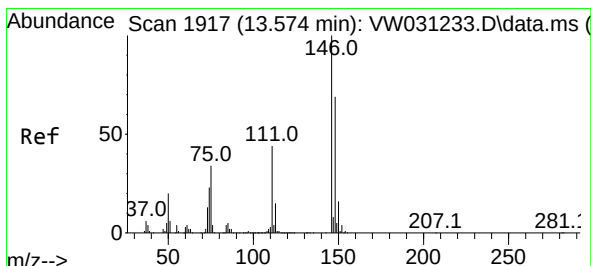
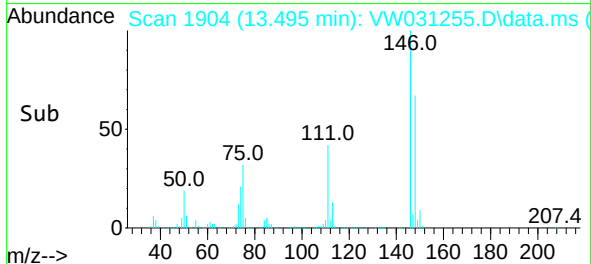
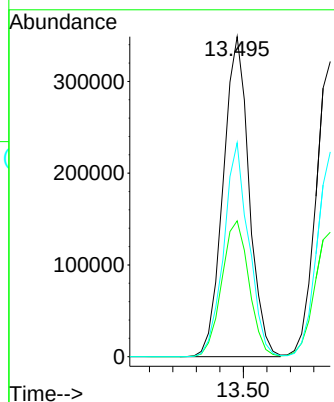
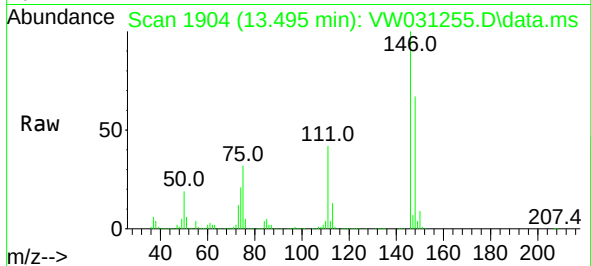




#64
1,3-Dichlorobenzene
Concen: 27.743 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

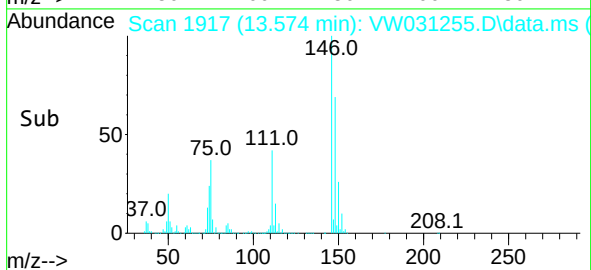
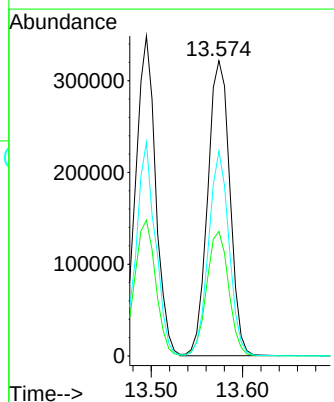
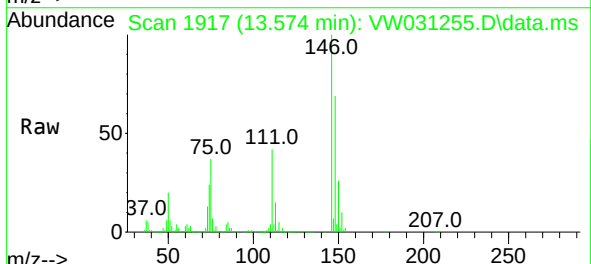
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

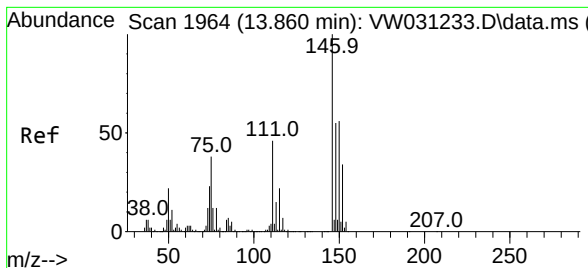
Tgt Ion:146 Resp: 533521
Ion Ratio Lower Upper
146 100
111 42.4 27.6 51.2
148 66.9 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 28.377 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion:146 Resp: 540704
Ion Ratio Lower Upper
146 100
111 42.2 30.7 56.9
148 69.4 46.5 86.3

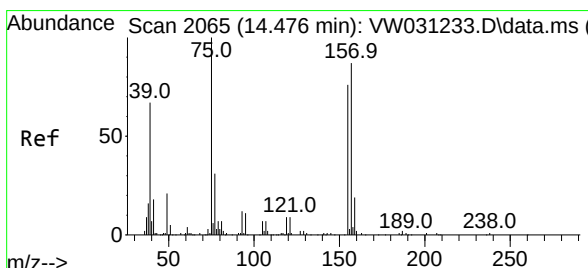
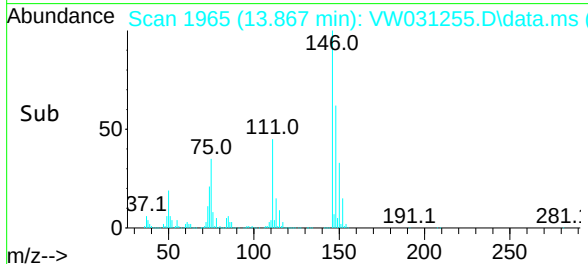
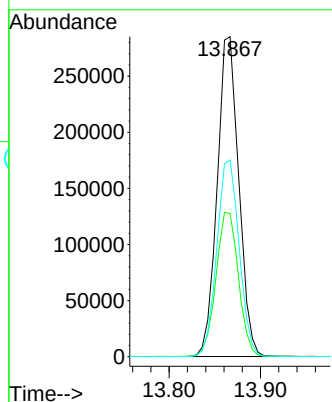
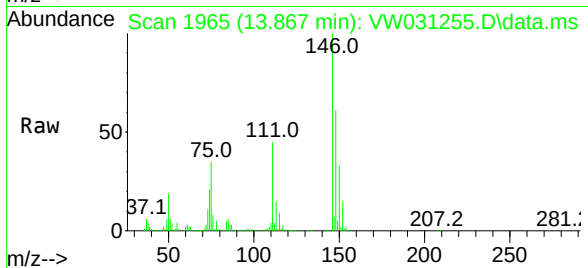




#67
1,2-Dichlorobenzene
Concen: 28.323 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

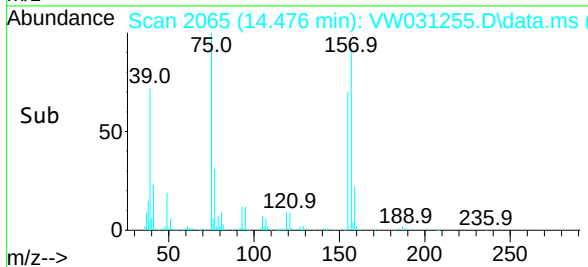
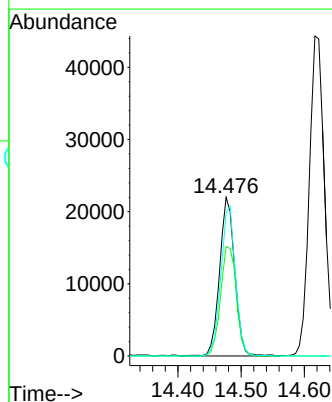
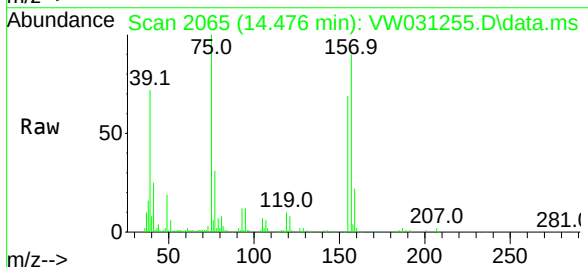
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

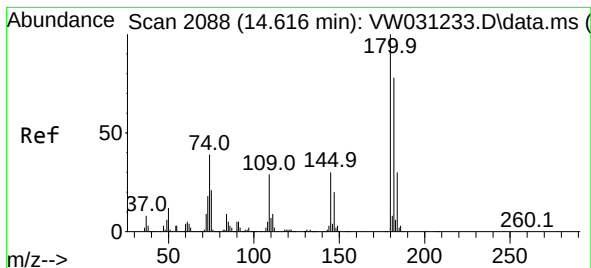
Tgt Ion:146 Resp: 469311
Ion Ratio Lower Upper
146 100
111 44.7 38.6 58.0
148 61.5 53.6 80.4



#68
1,2-Dibromo-3-chloropropane
Concen: 28.908 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion: 75 Resp: 36411
Ion Ratio Lower Upper
75 100
155 69.1 56.6 85.0
157 90.4 71.2 106.8

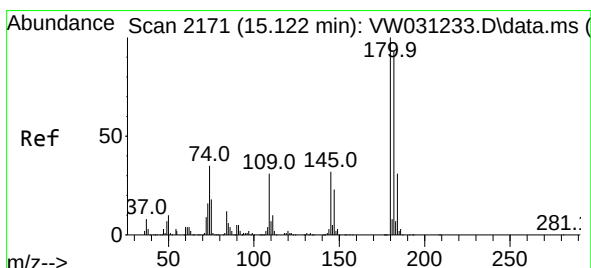
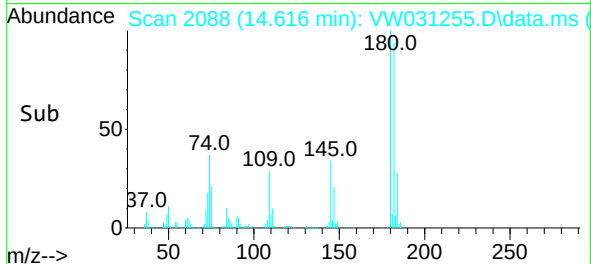
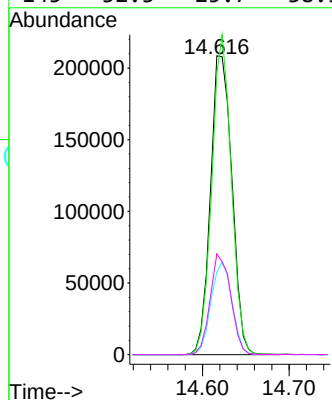
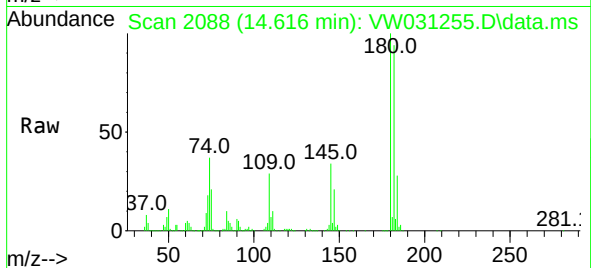




#69
1,3,5-Trichlorobenzene
Concen: 26.728 ug/L
RT: 14.616 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

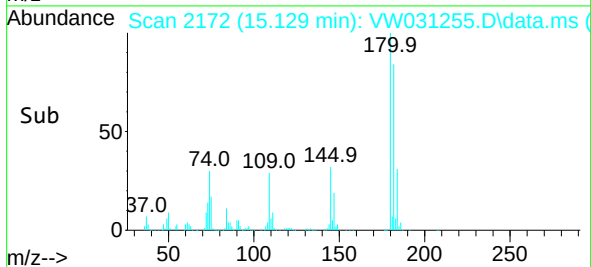
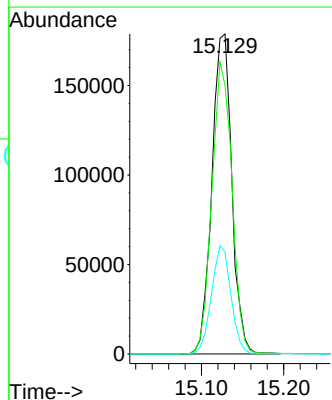
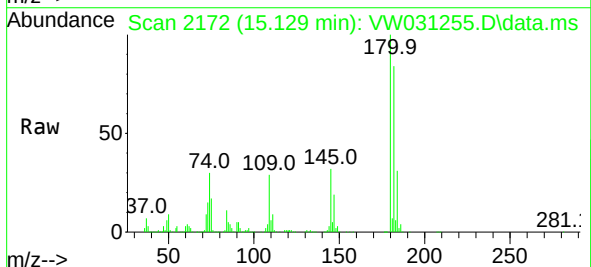
Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

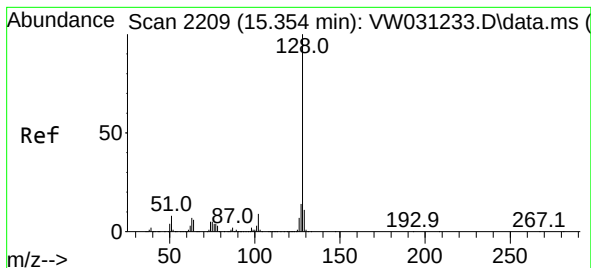
Tgt Ion:	180	Resp:	359998
Ion Ratio	Lower	Upper	
180	100		
182	97.0	75.0	112.4
184	30.2	24.6	36.8
145	32.3	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 26.861 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW031255.D
Acq: 13 Dec 2024 22:55

Tgt Ion:	180	Resp:	300953
Ion Ratio	Lower	Upper	
180	100		
182	92.5	78.2	117.2
145	33.2	26.7	40.1





#71

Naphthalene

Concen: 30.234 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Instrument :

MSVOA_W

ClientSampleId :

E28S7MSD

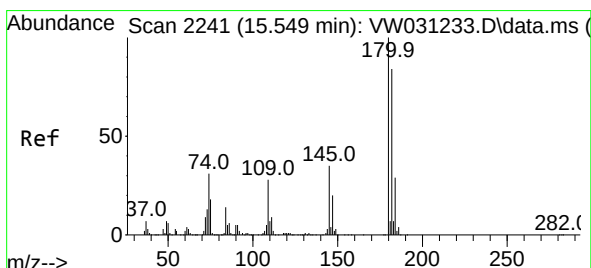
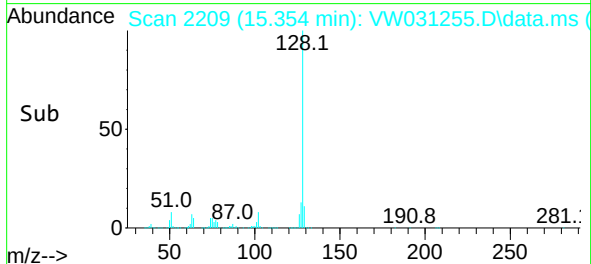
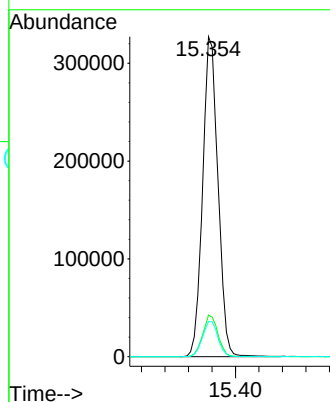
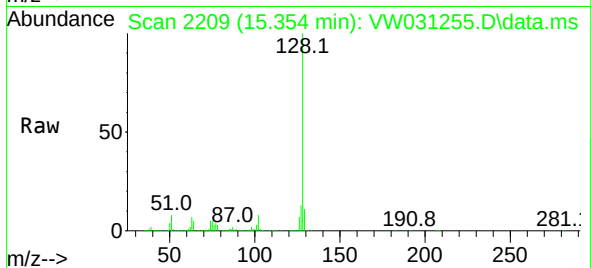
Tgt Ion:128 Resp: 593875

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 28.153 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031255.D

Acq: 13 Dec 2024 22:55

Tgt Ion:180 Resp: 254136

Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.4

145 35.0 27.8 41.6

