

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031517.D
 Acq On : 23 Dec 2024 19:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:20:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	570243	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	508054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260280	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166072	19.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.893	69	143326	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.021	65	74201	18.232	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.920%
21) 2-Butanone-d5	7.106	46	74163	45.898	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.800%
24) Chloroform-d	7.648	84	355585	22.759	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	8.301	65	178590	22.760	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.040%
32) Benzene-d6	8.276	84	671922	20.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.520%
36) 1,2-Dichloropropane-d6	9.270	67	201141	21.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	10.319	98	606406	20.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	10.575	79	80113	18.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.240%
47) 2-Hexanone-d5	10.922	63	58970	46.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149314	25.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	213063	22.050	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	101427	19.681	ug/L	97
3) Chloromethane	2.216	50	113494	19.603	ug/L	99
5) Vinyl chloride	2.369	62	193117	24.069	ug/L	99
6) Bromomethane	2.789	94	125647	25.471	ug/L	98
8) Chloroethane	2.936	64	124087	26.005	ug/L	99
9) Trichlorofluoromethane	3.265	101	195301	22.849	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	160258	23.218	ug/L	94
13) Acetone	4.173	43	28428	12.633	ug/L #	100
14) Carbon disulfide	4.387	76	394962	17.324	ug/L	100
15) Methyl Acetate	4.692	43	55086	21.553	ug/L	96
16) Methylene chloride	4.923	84	168035	23.420	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	173969	23.087	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	300633	23.864	ug/L	98
19) 1,1-Dichloroethane	6.222	63	329669	23.412	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	200998	24.654	ug/L	91
22) 2-Butanone	7.197	43	85686	31.426	ug/L	92
23) Bromochloromethane	7.514	128	80915	24.885	ug/L	93
25) Chloroform	7.679	83	344568	24.794	ug/L	99
27) 1,2-Dichloroethane	8.398	62	213387	24.423	ug/L	100

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 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

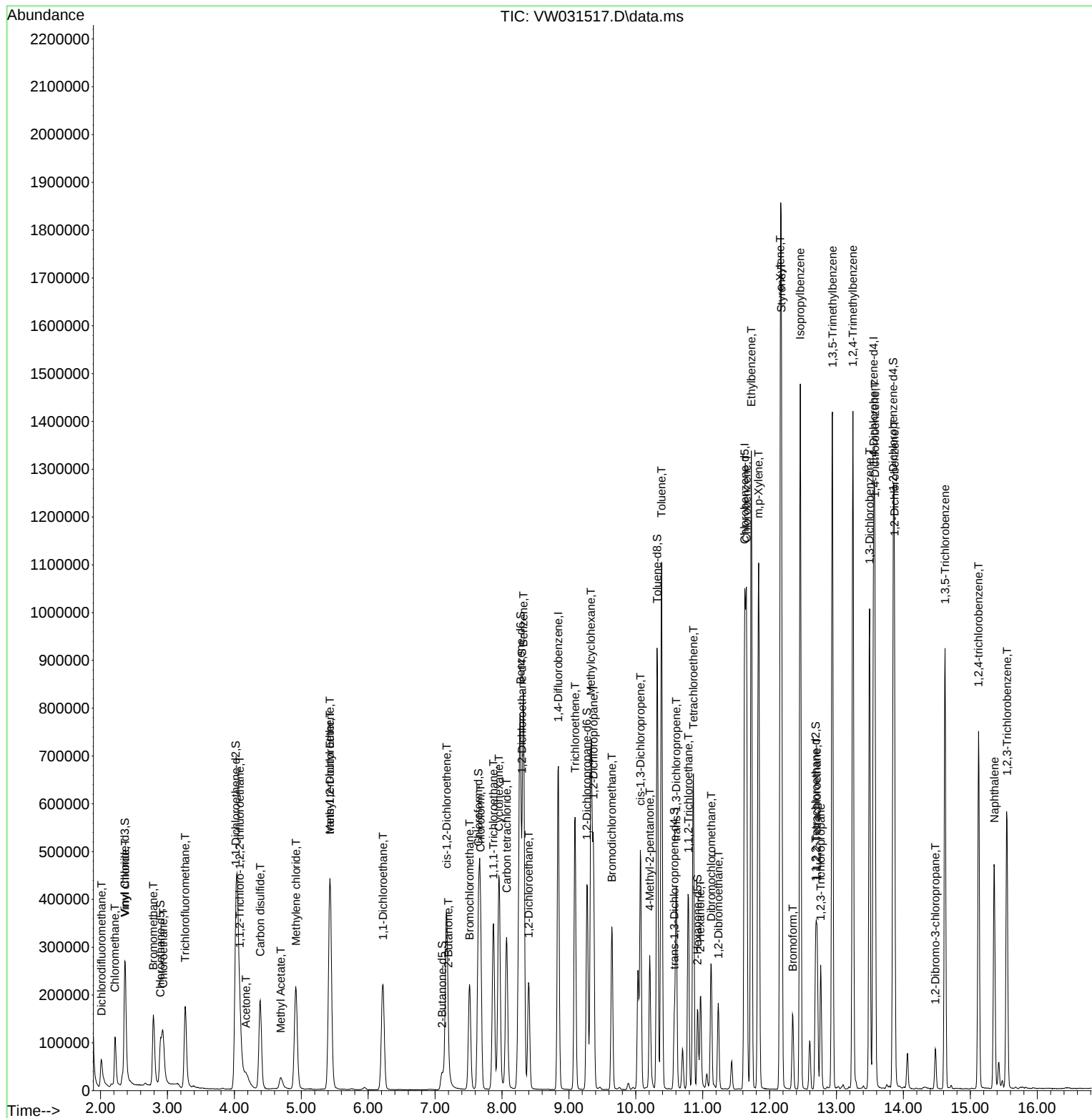
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	262214	19.031	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	276168	21.031	ug/L	98
31) Carbon tetrachloride	8.069	117	239413	20.464	ug/L	100
33) Benzene	8.319	78	720634	22.953	ug/L	100
34) Trichloroethene	9.093	95	199449	22.501	ug/L	98
35) Methylcyclohexane	9.331	83	314704	20.387	ug/L	98
37) 1,2-Dichloropropane	9.368	63	184003	23.493	ug/L	100
38) Bromodichloromethane	9.642	83	231966	22.781	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	286833	21.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	178267	42.900	ug/L	97
42) Toluene	10.386	91	798500	23.360	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	229777	21.262	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	129481	24.854	ug/L	98
46) Tetrachloroethene	10.861	164	149343	23.001	ug/L	92
48) 2-Hexanone	10.965	43	128235	36.285	ug/L	96
49) Dibromochloromethane	11.129	129	136816	22.155	ug/L	96
50) 1,2-Dibromoethane	11.233	107	121471	24.613	ug/L	96
51) Chlorobenzene	11.654	112	518029	24.171	ug/L	95
52) Ethylbenzene	11.727	91	932437	23.536	ug/L	98
53) m,p-Xylene	11.837	106	357022	23.672	ug/L	100
54) o-Xylene	12.160	106	336998	23.709	ug/L	100
55) Styrene	12.178	104	565649	23.924	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	144489	25.728	ug/L	99
59) Bromoform	12.349	173	71133	19.454	ug/L	100
60) Isopropylbenzene	12.458	105	938809	22.041	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	105490	23.685	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	789529	21.864	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	765389	21.929	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	400066	23.183	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	389763	22.795	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	348607	23.445	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	21116	18.683	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	273328	22.615	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	228654	22.743	ug/L	96
71) Naphthalene	15.360	128	406199	23.045	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	190408	23.506	ug/L	99

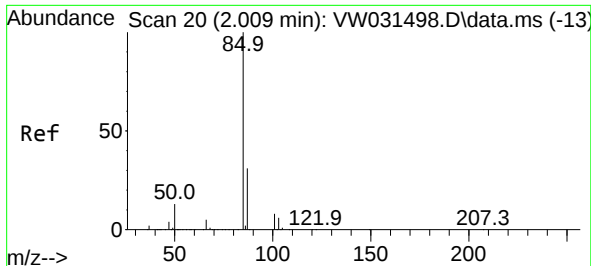
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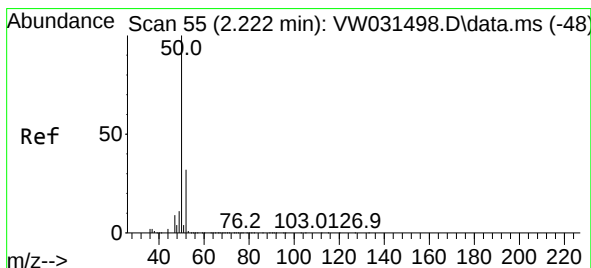
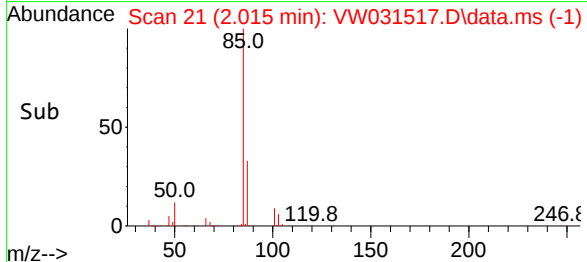
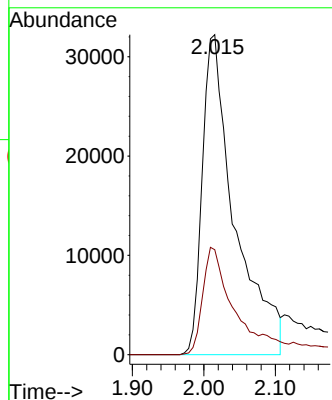
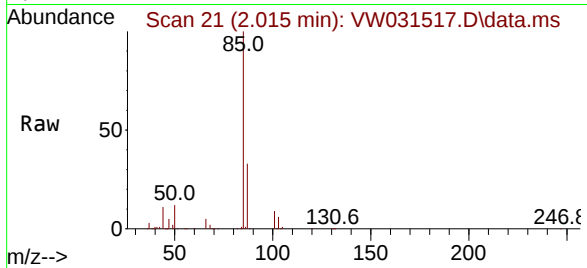




#2
Dichlorodifluoromethane
Concen: 19.681 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

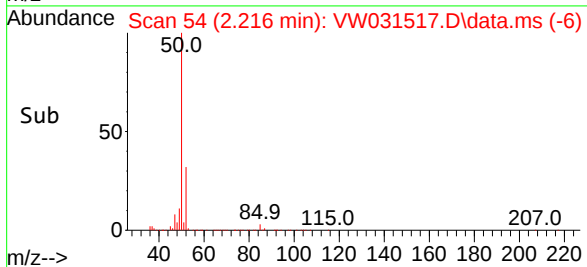
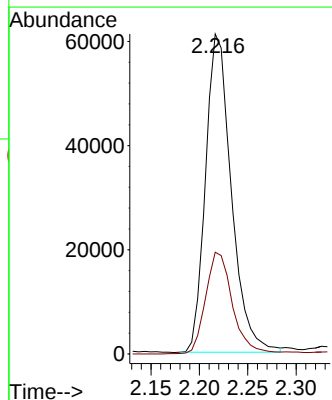
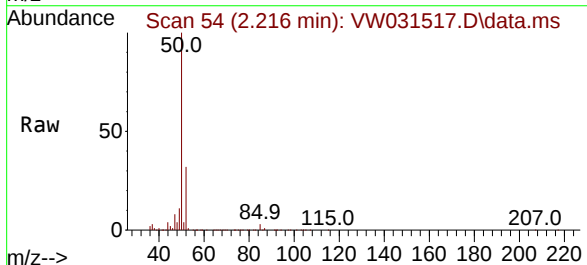
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ClientSampleId :

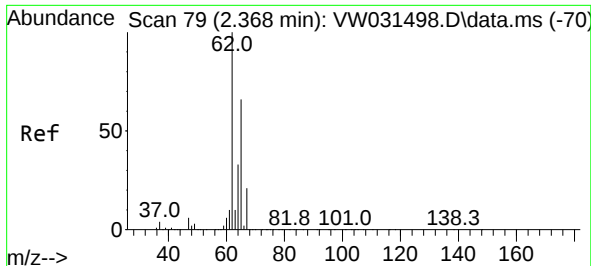
Tgt Ion: 85 Resp: 101427
Ion Ratio Lower Upper
85 100
87 29.5 24.9 37.3



#3
Chloromethane
Concen: 19.603 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 50 Resp: 113494
Ion Ratio Lower Upper
50 100
52 31.8 22.0 41.0

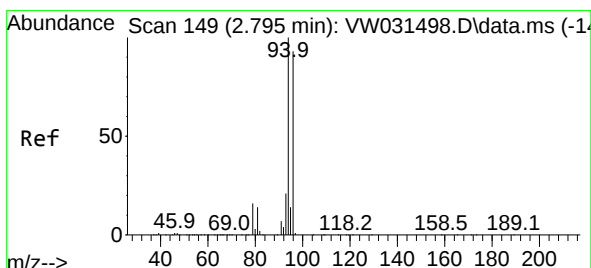
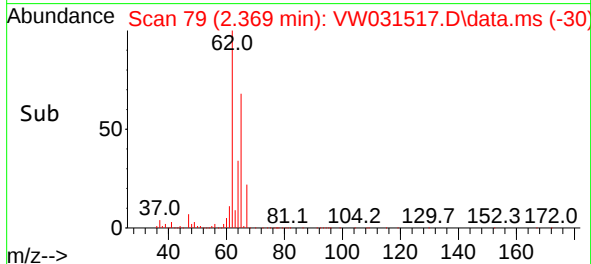
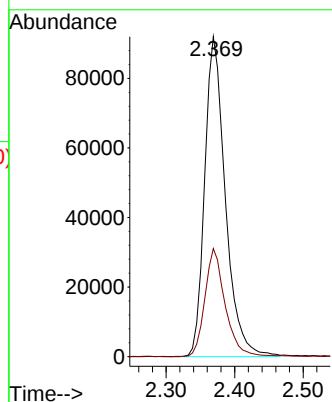
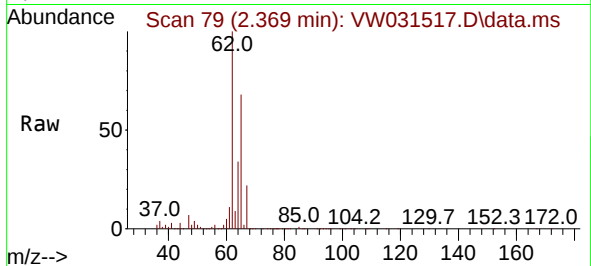




#5
 Vinyl chloride
 Concen: 24.069 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

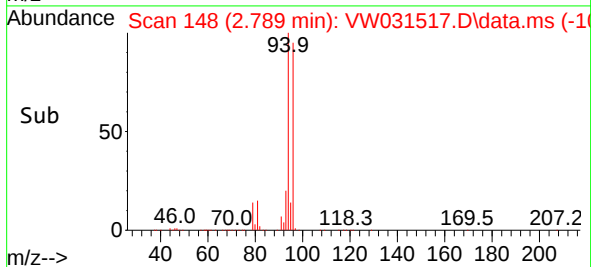
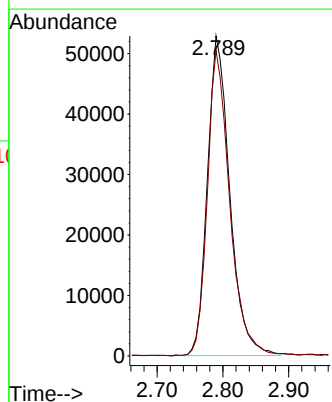
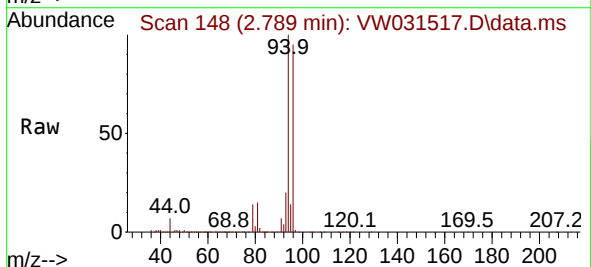
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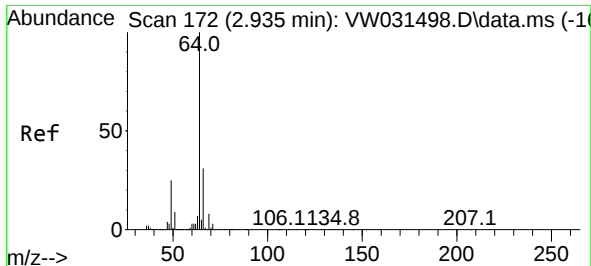
Tgt Ion: 62 Resp: 193117
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.1 44.8



#6
 Bromomethane
 Concen: 25.471 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

Tgt Ion: 94 Resp: 125647
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.6 121.8

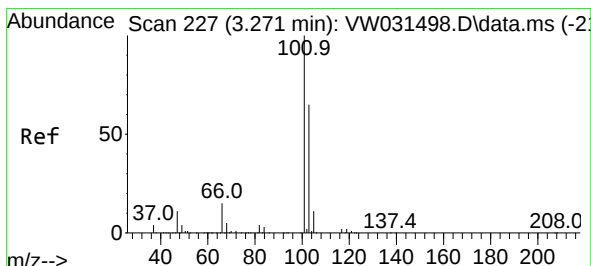
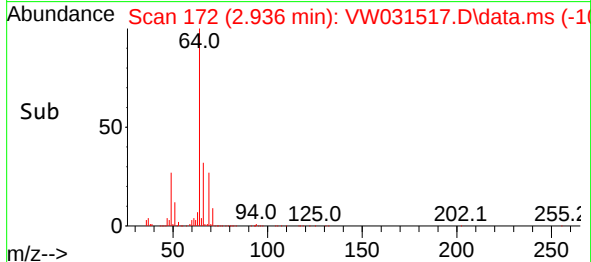
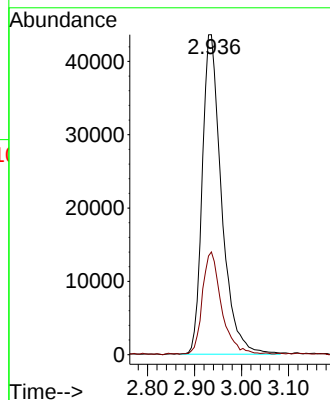
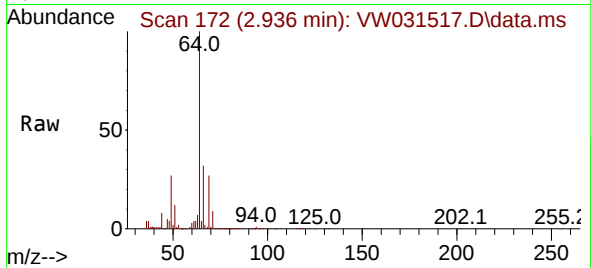




#8
Chloroethane
Concen: 26.005 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

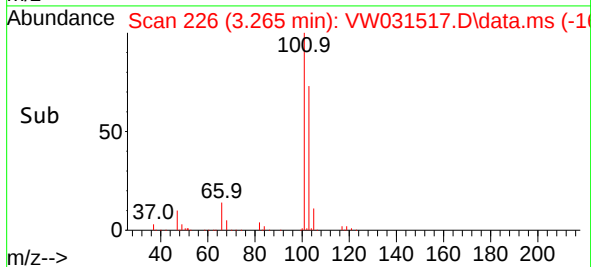
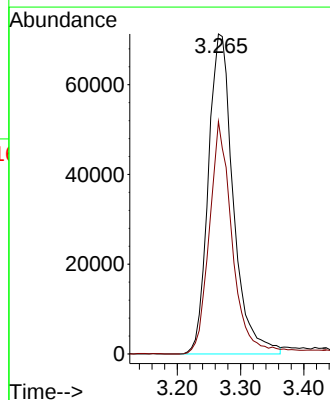
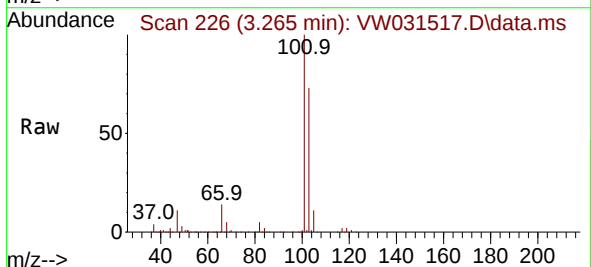
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MSVOA_W
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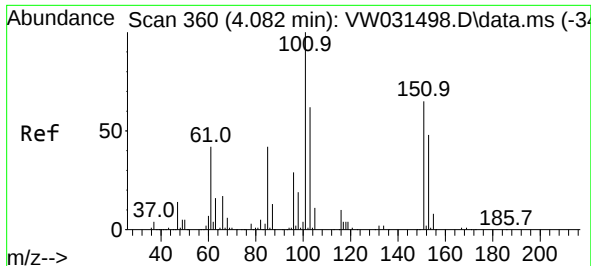
Tgt Ion: 64 Resp: 124087
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 22.849 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion:101 Resp: 195301
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4

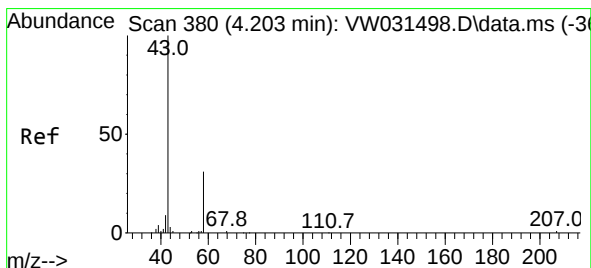
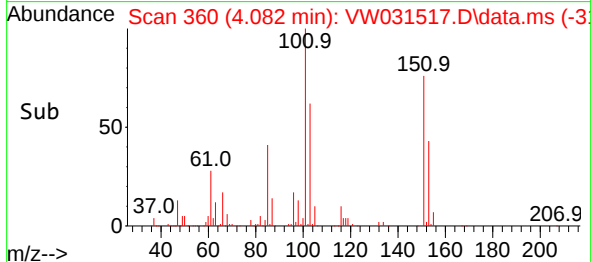
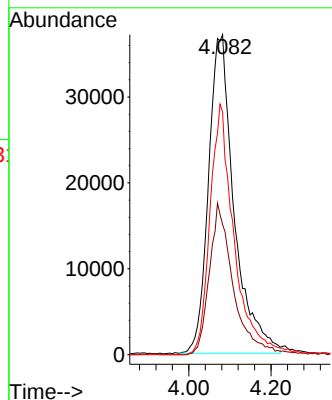
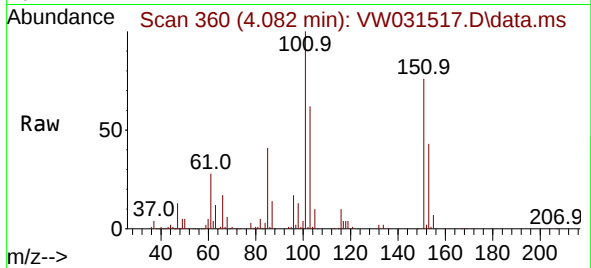




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.218 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

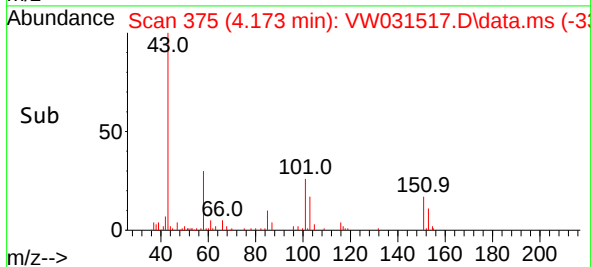
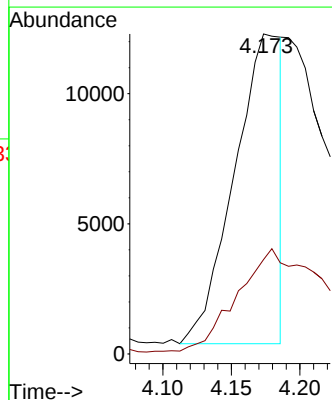
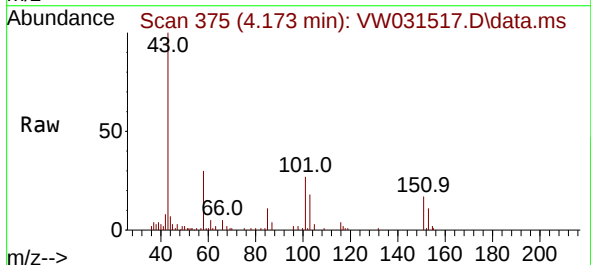
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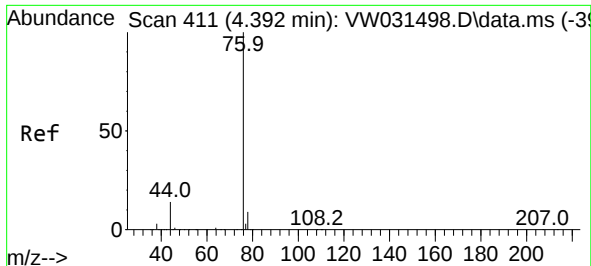
Tgt Ion:101 Resp: 160258
 Ion Ratio Lower Upper
 101 100
 85 43.7 33.0 49.4
 151 74.1 54.8 82.2



#13
 Acetone
 Concen: 12.633 ug/L
 RT: 4.173 min Scan# 375
 Delta R.T. -0.030 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

Tgt Ion: 43 Resp: 28428
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 0.0#

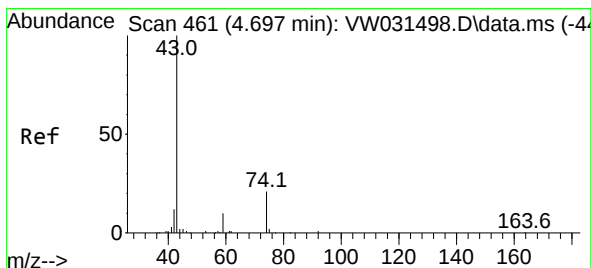
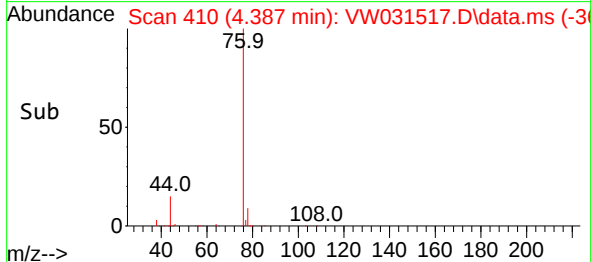
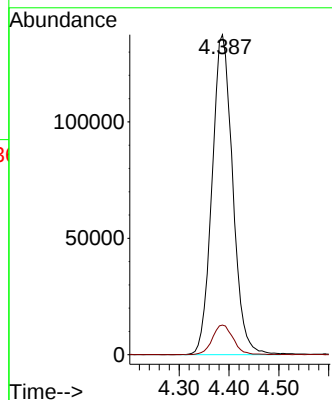
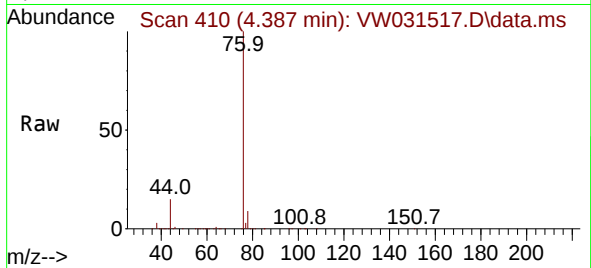




#14
Carbon disulfide
Concen: 17.324 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

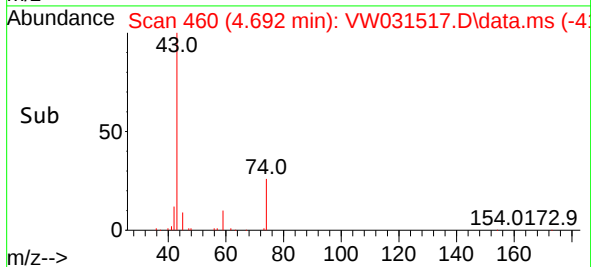
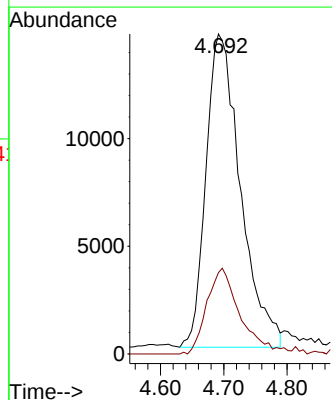
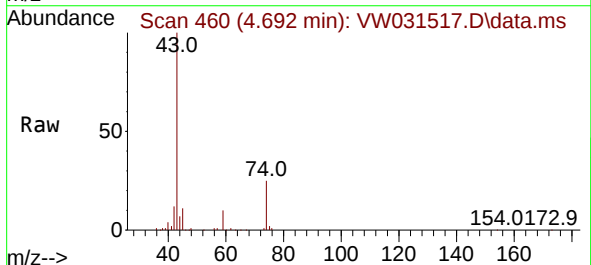
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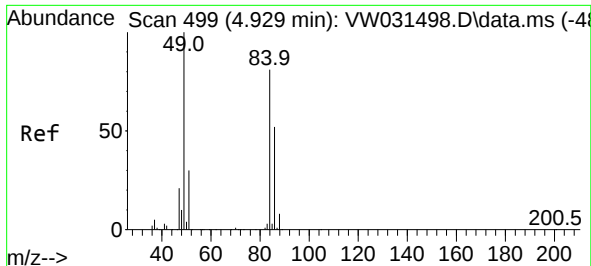
Tgt Ion: 76 Resp: 394962
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#15
Methyl Acetate
Concen: 21.553 ug/L
RT: 4.692 min Scan# 460
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 55086
Ion Ratio Lower Upper
43 100
74 25.7 18.9 28.3

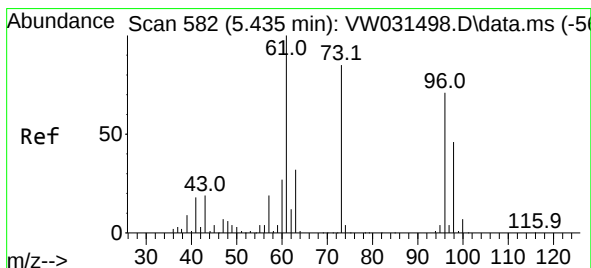
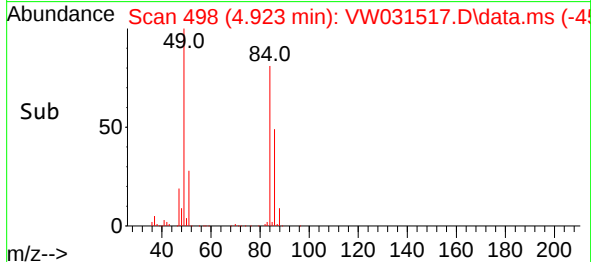
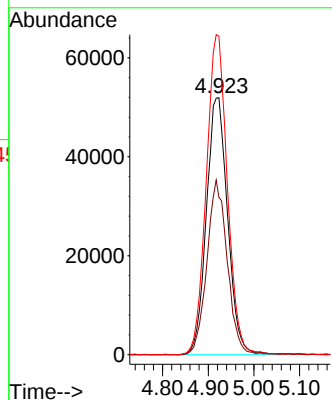
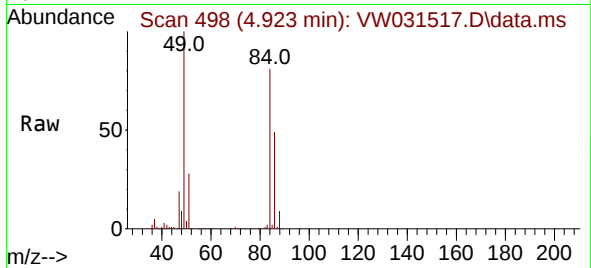




#16
Methylene chloride
Concen: 23.420 ug/L
RT: 4.923 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

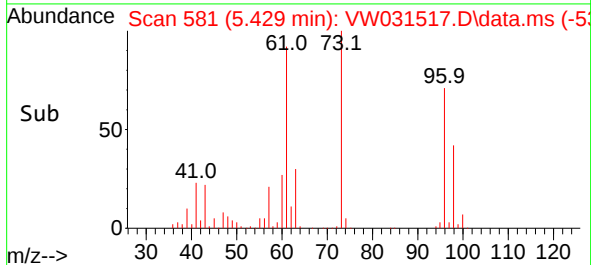
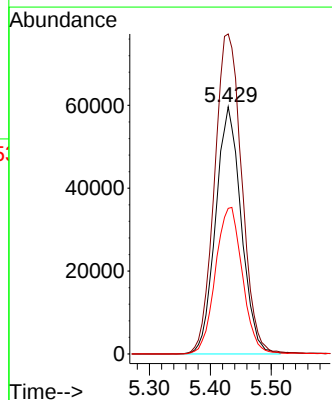
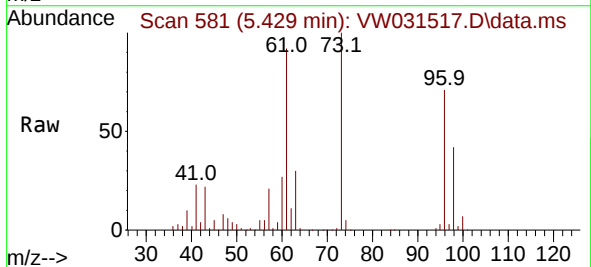
Instrument :
MSVOA_W
ClientSampleId :

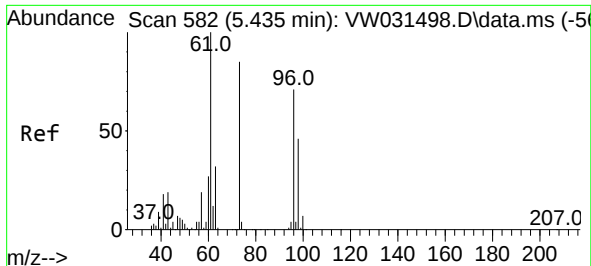
Tgt Ion: 84 Resp: 168035
Ion Ratio Lower Upper
84 100
86 61.3 44.7 82.9
49 123.9 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 23.087 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

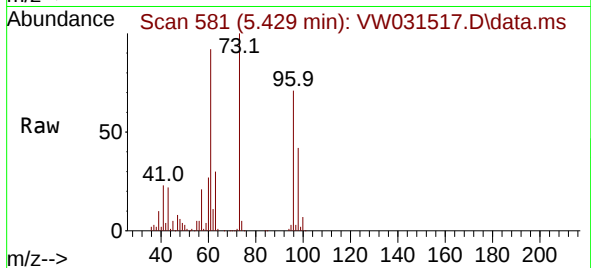
Tgt Ion: 96 Resp: 173969
Ion Ratio Lower Upper
96 100
61 129.5 100.7 187.1
98 58.9 43.8 81.3



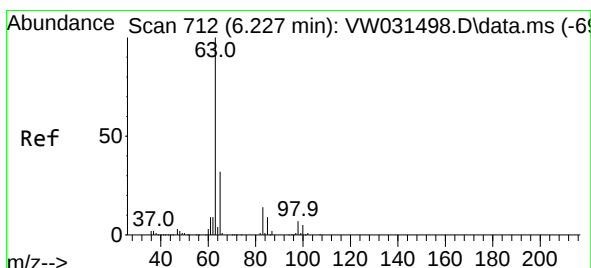
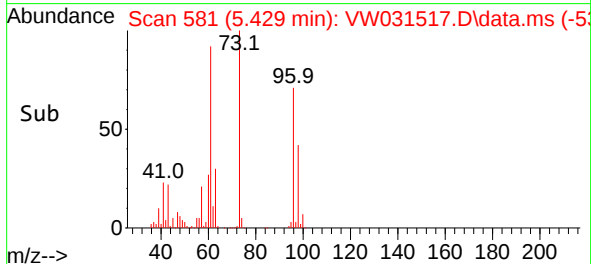
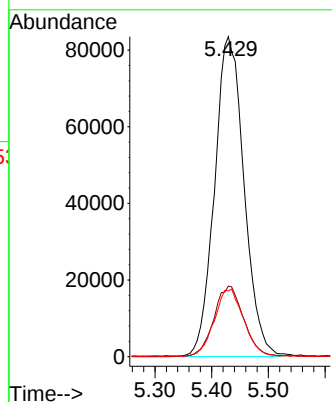


#18
Methyl tert-butyl Ether
Concen: 23.864 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Instrument :
MSVOA_W
ClientSampleId :

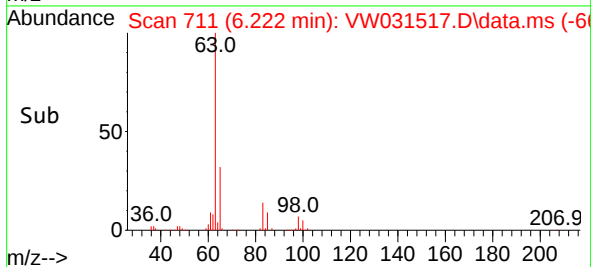
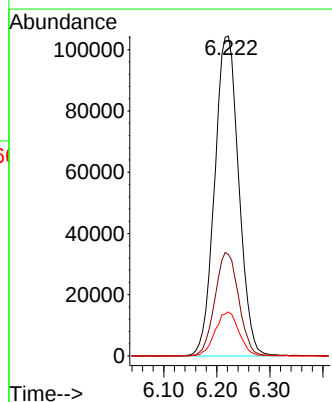
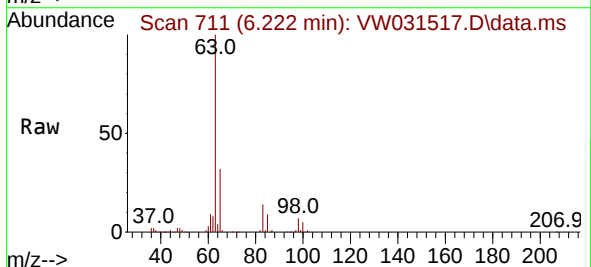


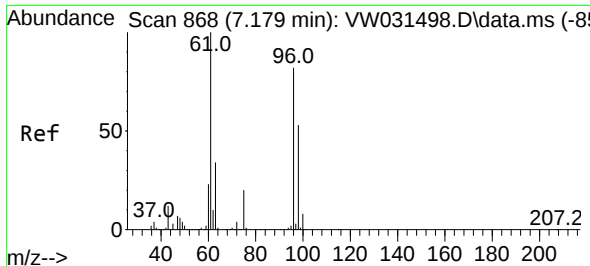
Tgt Ion: 73 Resp: 300633
Ion Ratio Lower Upper
73 100
43 21.8 17.9 26.9
57 21.3 17.9 26.9



#19
1,1-Dichloroethane
Concen: 23.412 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 63 Resp: 329669
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 13.8 9.3 17.3

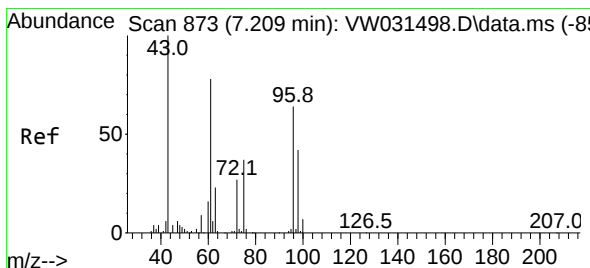
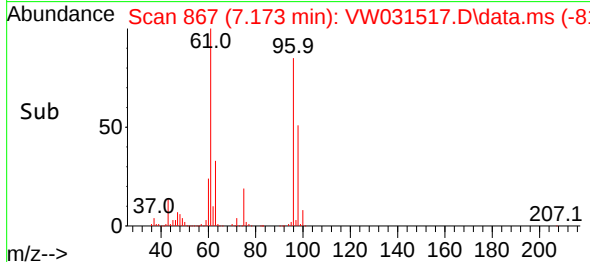
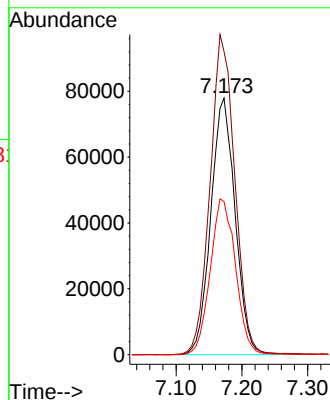
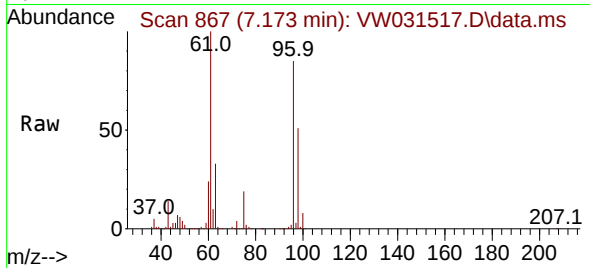




#20
 cis-1,2-Dichloroethene
 Concen: 24.654 ug/L
 RT: 7.173 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

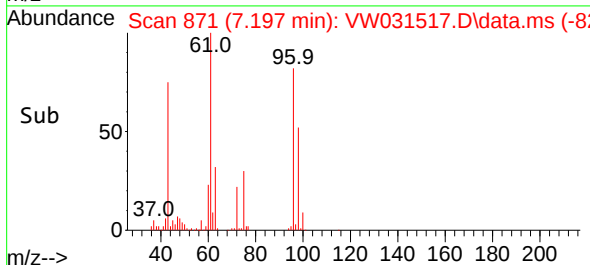
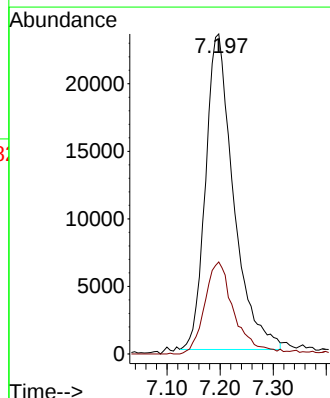
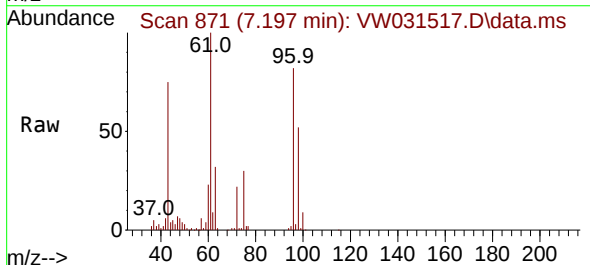
Instrument :
 MSVOA_W
 ClientSampleId :

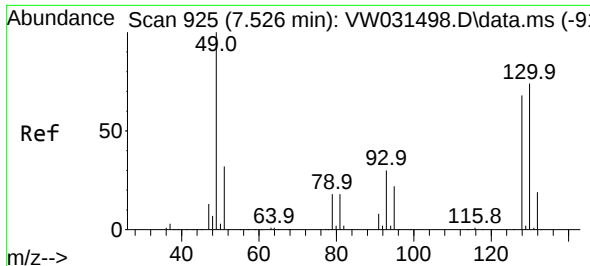
Tgt Ion: 96 Resp: 200998
 Ion Ratio Lower Upper
 96 100
 61 118.2 92.2 171.2
 98 59.7 43.7 81.1



#22
 2-Butanone
 Concen: 31.426 ug/L
 RT: 7.197 min Scan# 871
 Delta R.T. -0.012 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

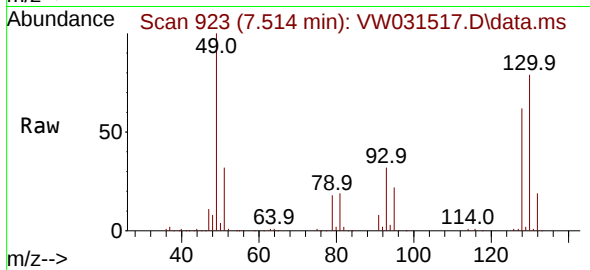
Tgt Ion: 43 Resp: 85686
 Ion Ratio Lower Upper
 43 100
 72 30.4 13.3 39.8



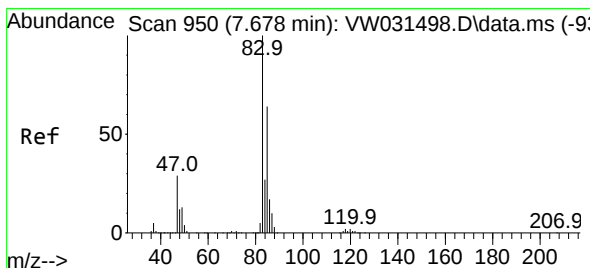
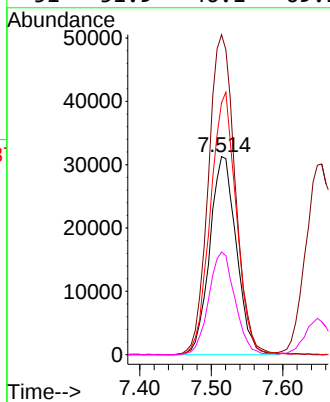
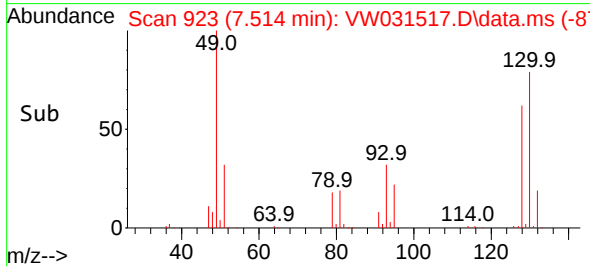


#23
Bromochloromethane
Concen: 24.885 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.012 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Instrument :
MSVOA_W
ClientSampleId :

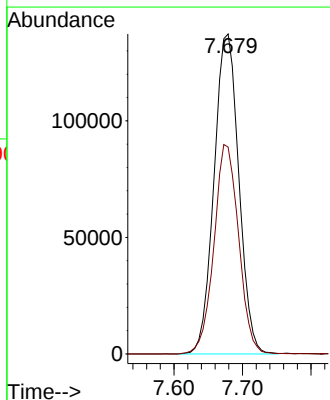
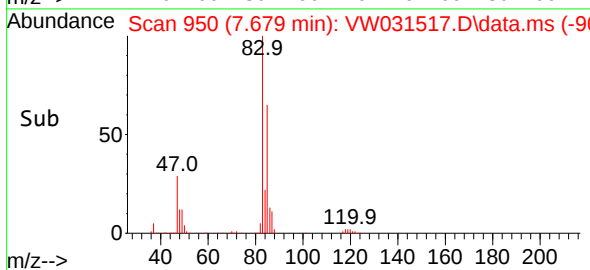
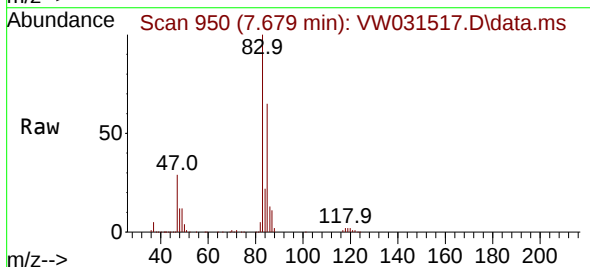


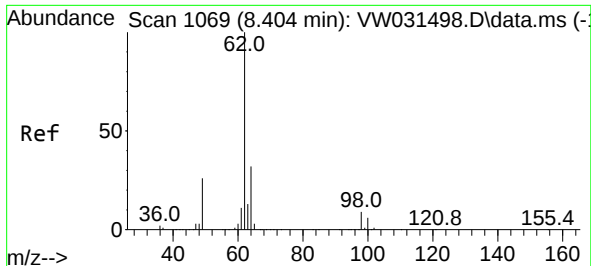
Tgt Ion:128 Resp: 80915
Ion Ratio Lower Upper
128 100
49 161.5 123.7 229.7
130 127.2 90.3 167.7
51 51.9 46.1 69.1



#25
Chloroform
Concen: 24.794 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 83 Resp: 344568
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5





#27

1,2-Dichloroethane

Concen: 24.423 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

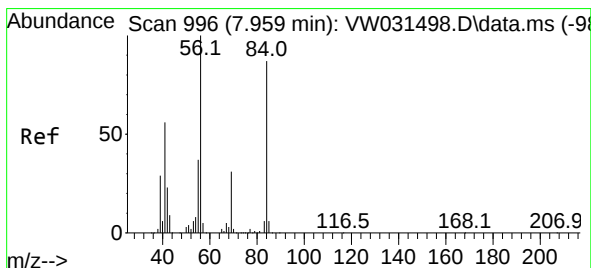
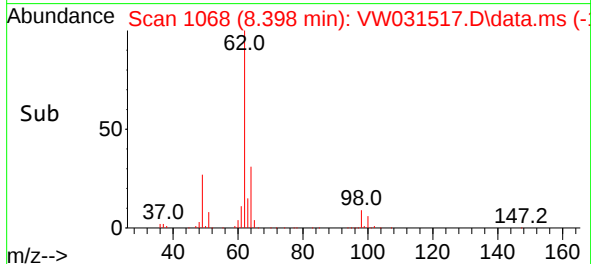
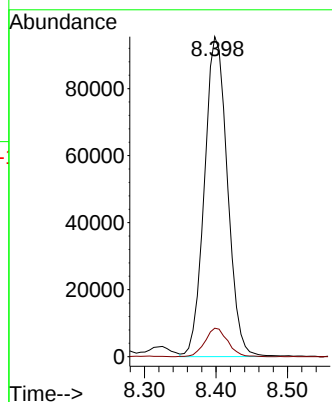
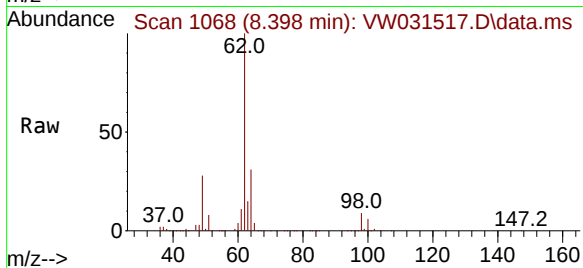
ClientSampleId :

Tgt Ion: 62 Resp: 213387

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8



#29

Cyclohexane

Concen: 19.031 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

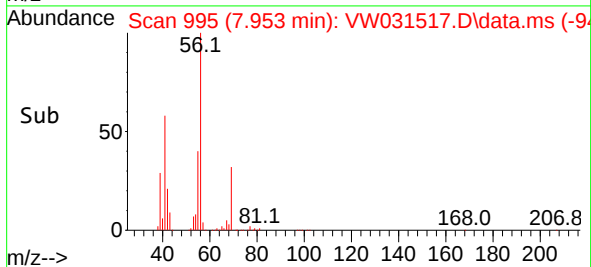
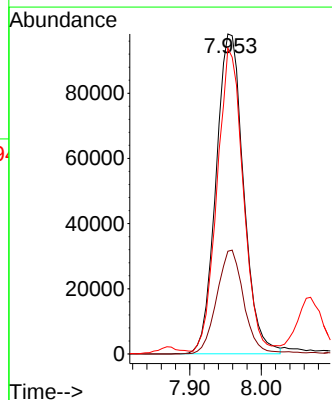
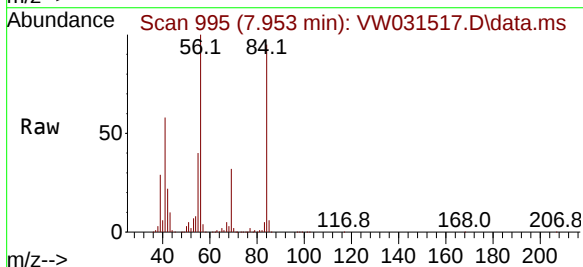
Tgt Ion: 56 Resp: 262214

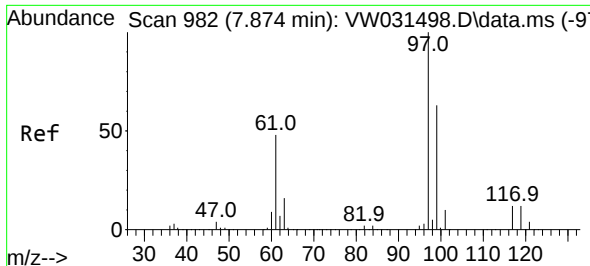
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 90.6 68.9 103.3

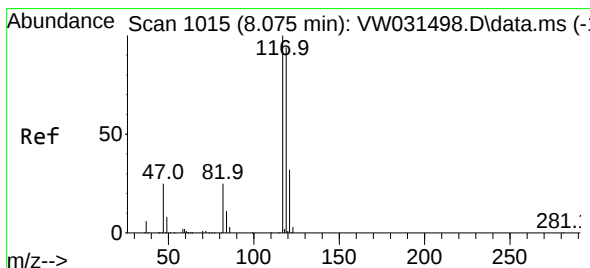
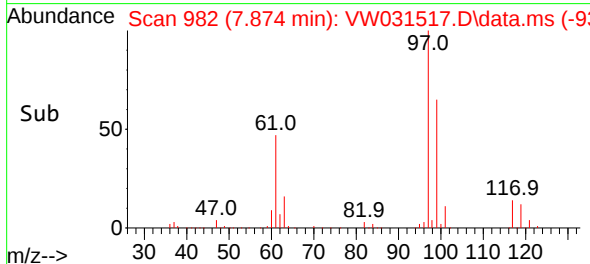
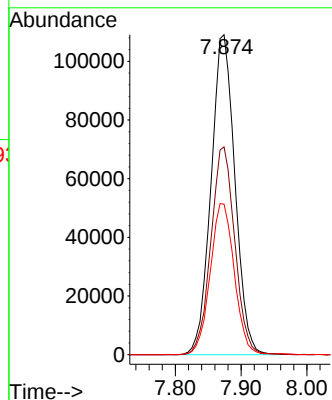
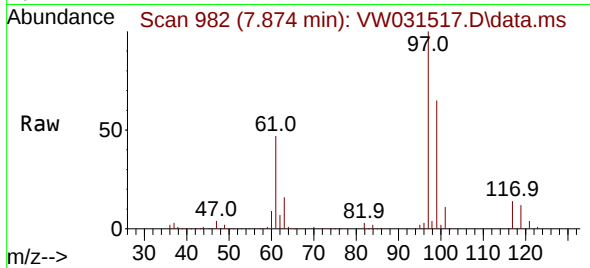




#30
1,1,1-Trichloroethane
Concen: 21.031 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

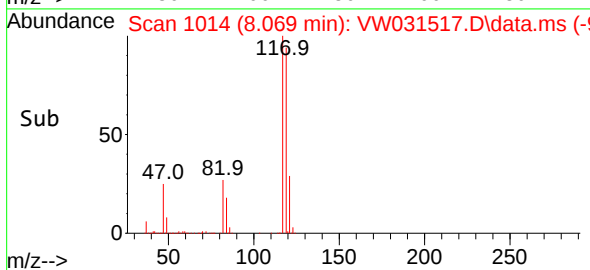
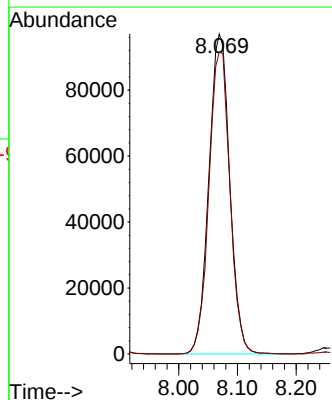
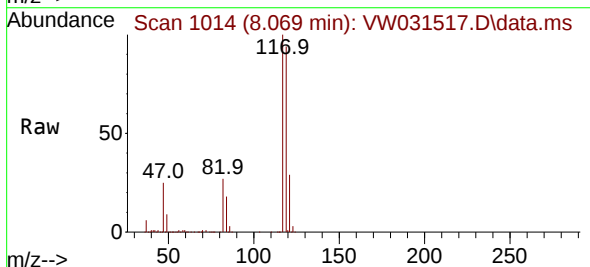
Instrument :
MSVOA_W
ClientSampleId :

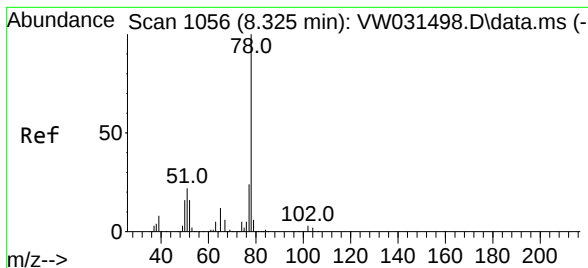
Tgt Ion: 97 Resp: 276168
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 47.6 36.3 54.5



#31
Carbon tetrachloride
Concen: 20.464 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 117 Resp: 239413
Ion Ratio Lower Upper
117 100
119 95.2 76.0 114.0





#33

Benzene

Concen: 22.953 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031517.D

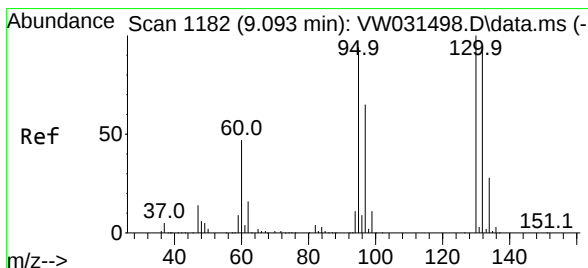
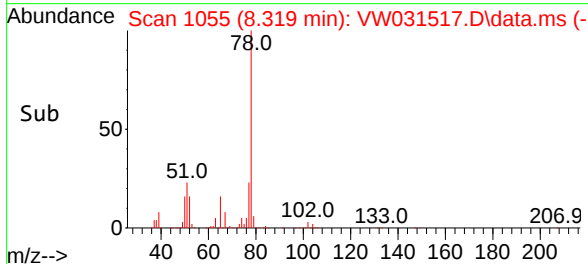
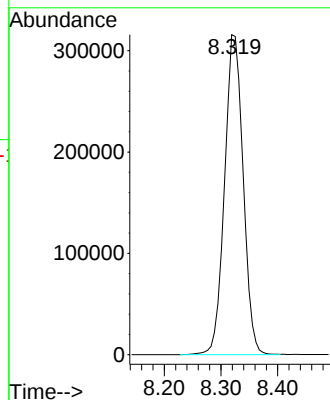
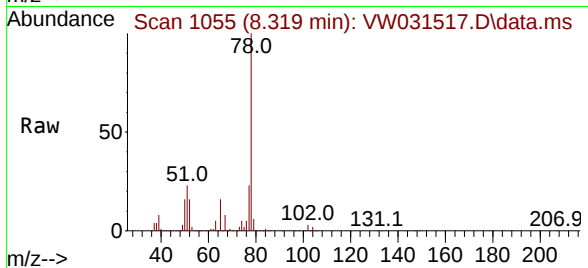
Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 720634



#34

Trichloroethene

Concen: 22.501 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Tgt Ion: 95 Resp: 199449

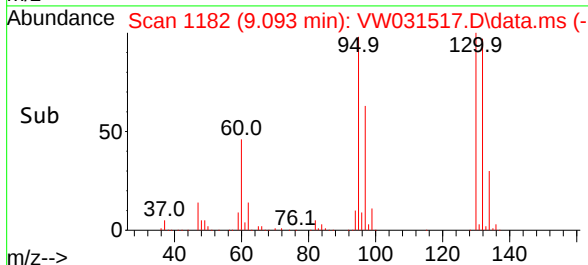
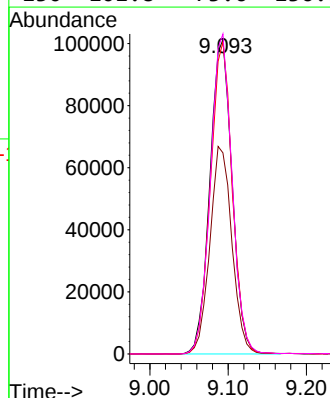
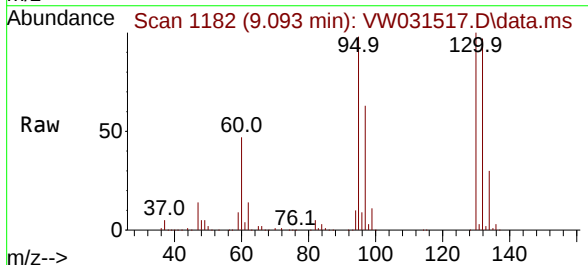
Ion Ratio Lower Upper

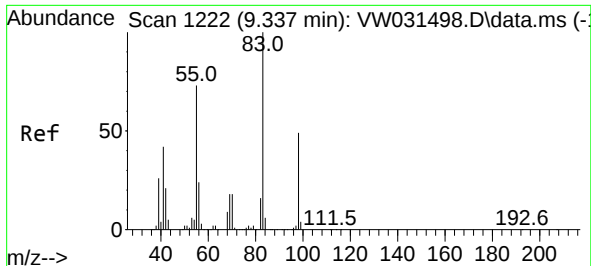
95 100

97 64.0 46.5 86.3

132 99.2 70.3 130.5

130 101.8 73.6 136.8





#35

Methylcyclohexane

Concen: 20.387 ug/L

RT: 9.331 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

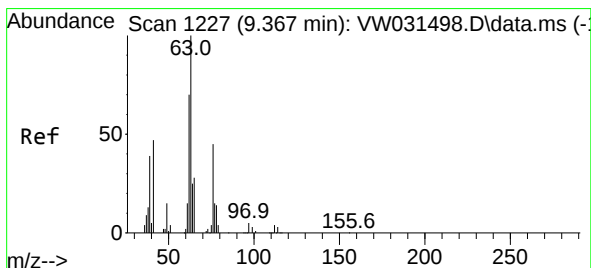
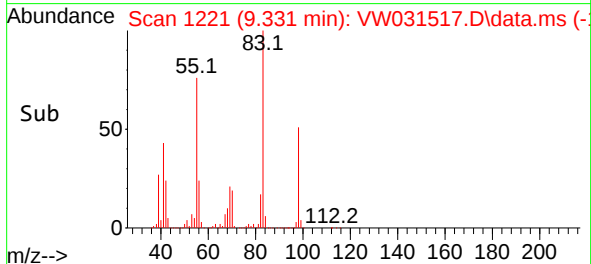
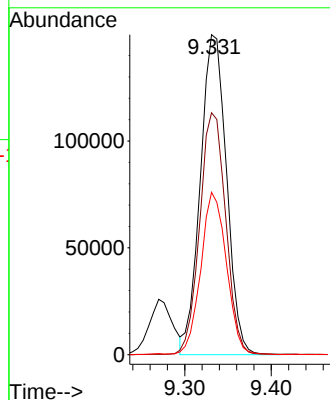
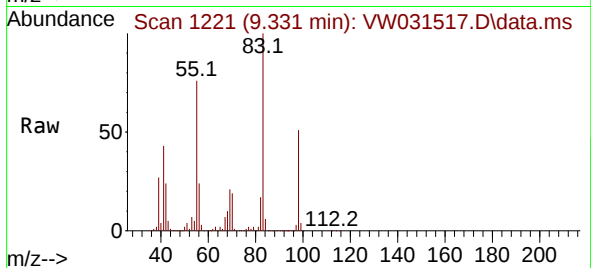
Tgt Ion: 83 Resp: 314704

Ion Ratio Lower Upper

83 100

55 74.9 62.6 93.8

98 49.8 39.8 59.6



#37

1,2-Dichloropropane

Concen: 23.493 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031517.D

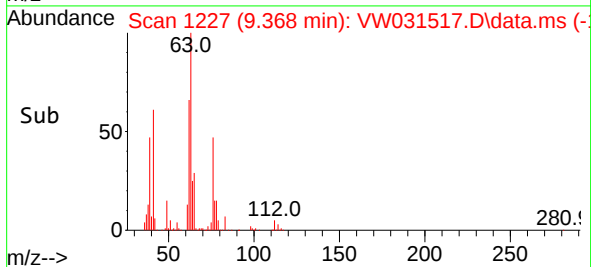
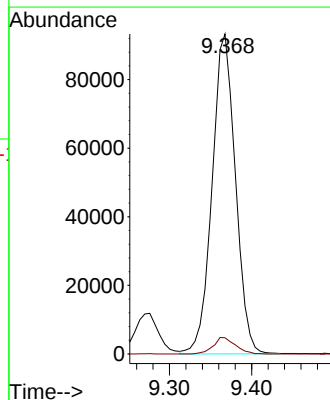
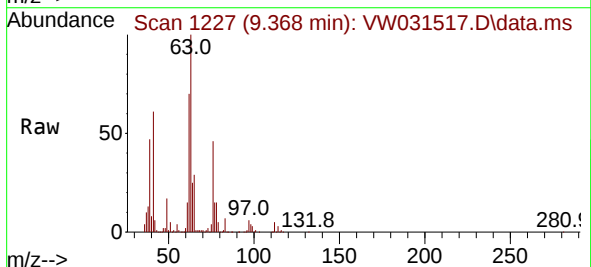
Acq: 23 Dec 2024 19:09

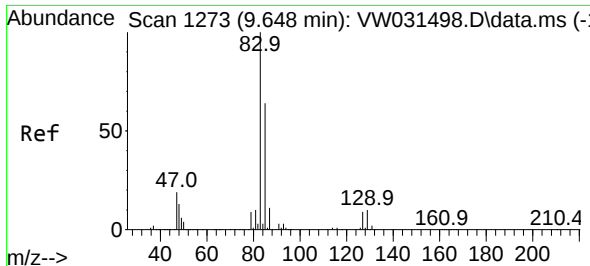
Tgt Ion: 63 Resp: 184003

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8

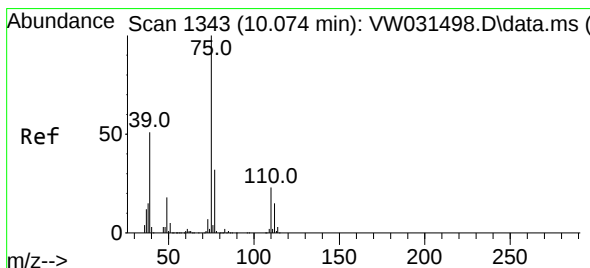
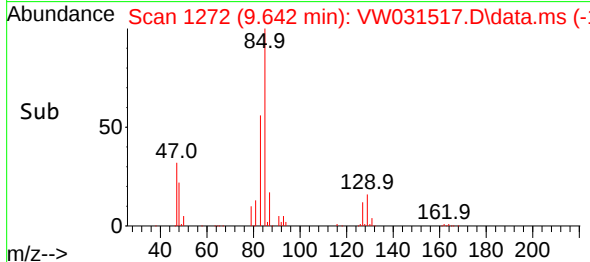
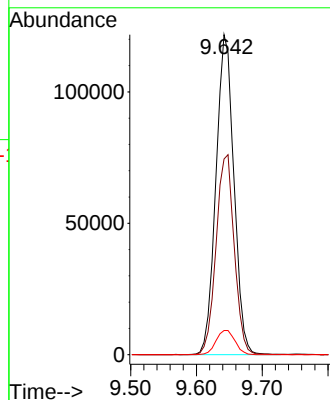
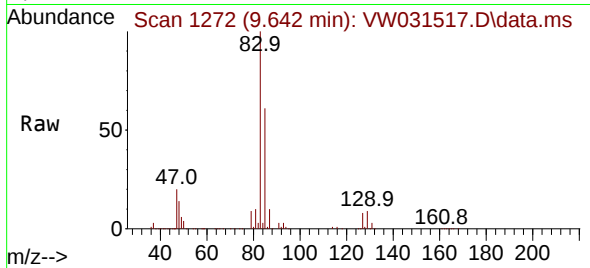




#38
Bromodichloromethane
Concen: 22.781 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

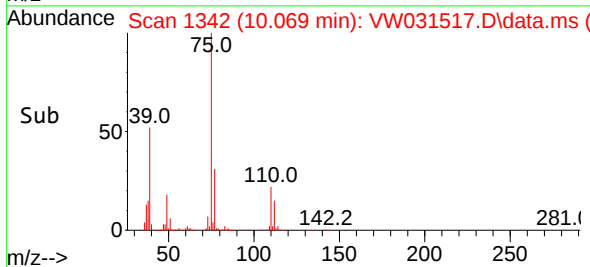
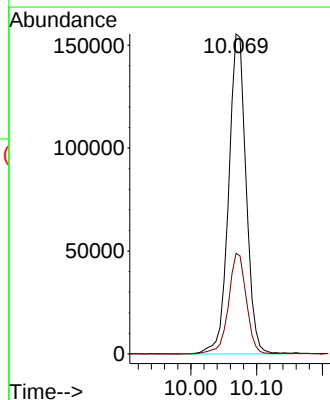
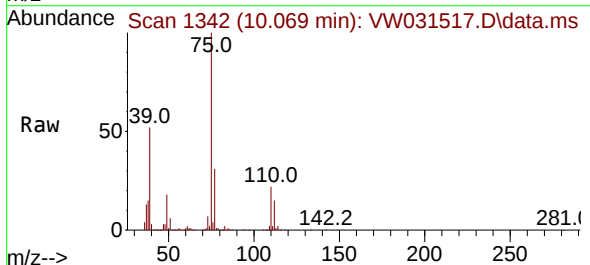
Instrument :
MSVOA_W
ClientSampleId :

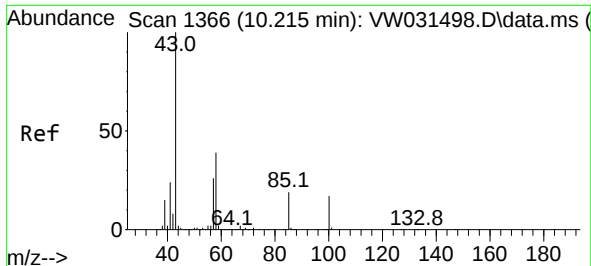
Tgt Ion: 83 Resp: 231966
Ion Ratio Lower Upper
83 100
85 61.1 46.5 86.5
127 7.5 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 21.672 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 75 Resp: 286833
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4

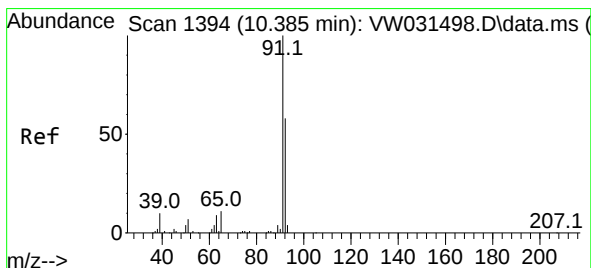
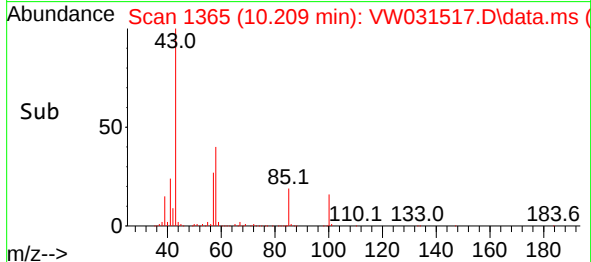
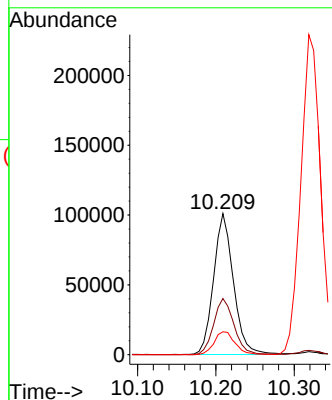
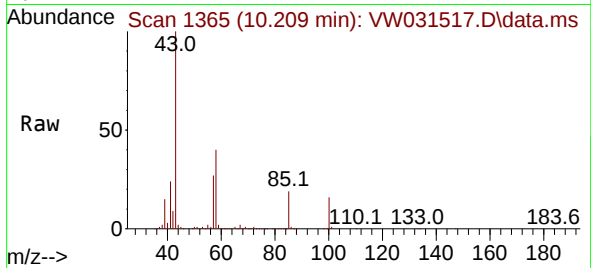




#40
4-Methyl-2-pentanone
Concen: 42.900 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

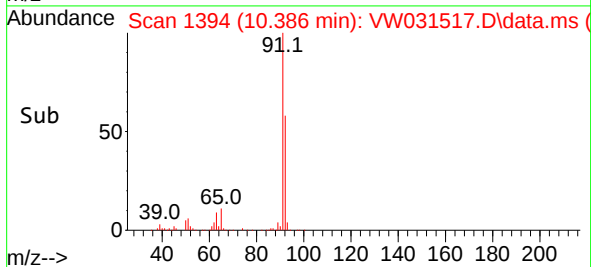
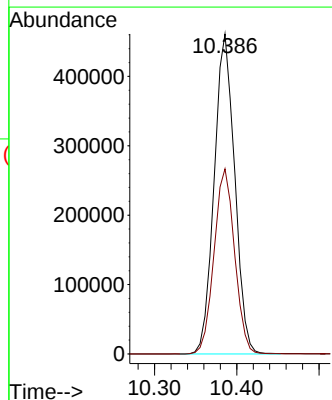
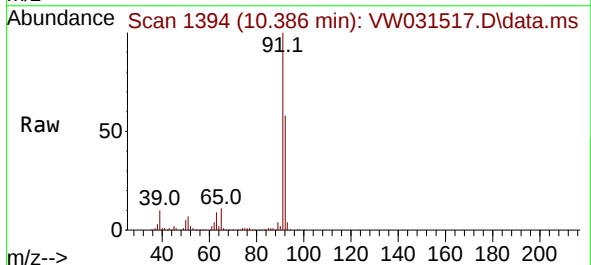
Instrument :
MSVOA_W
ClientSampleId :

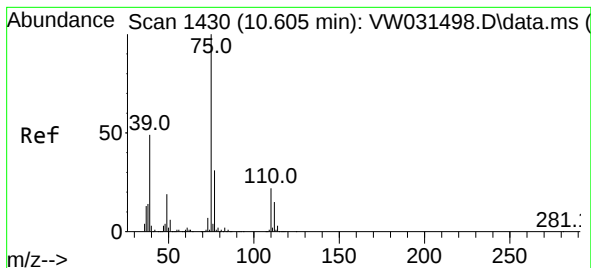
Tgt Ion: 43 Resp: 178267
Ion Ratio Lower Upper
43 100
58 41.1 31.1 46.7
100 17.0 13.0 19.6



#42
Toluene
Concen: 23.360 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion: 91 Resp: 798500
Ion Ratio Lower Upper
91 100
92 57.9 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 21.262 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

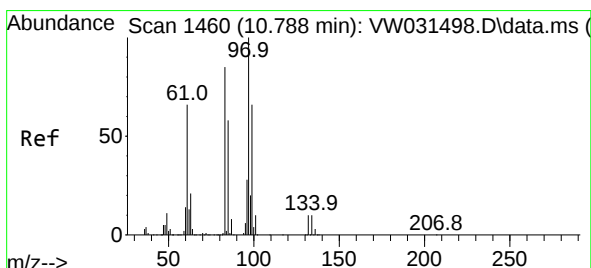
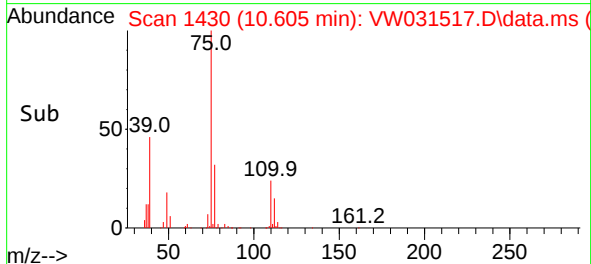
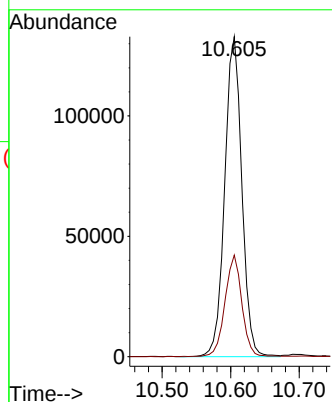
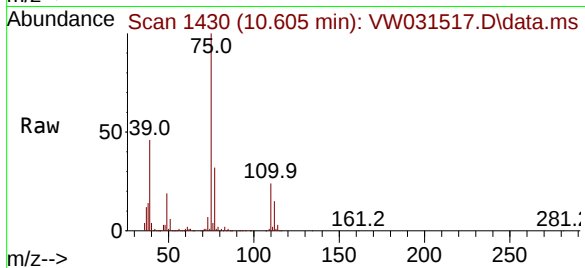
ClientSampleId :

Tgt Ion: 75 Resp: 229777

Ion Ratio Lower Upper

75 100

77 31.7 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 24.854 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Tgt Ion: 97 Resp: 129481

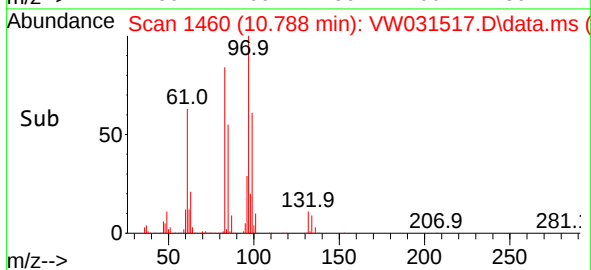
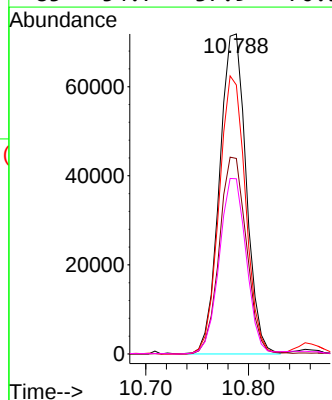
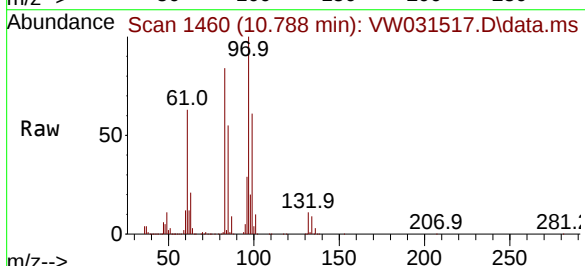
Ion Ratio Lower Upper

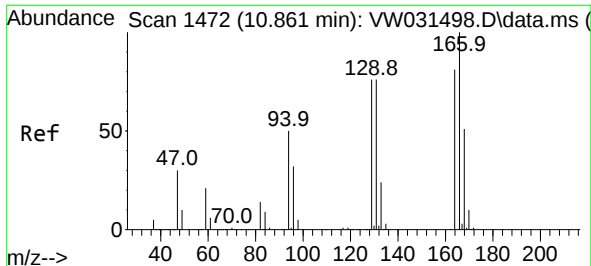
97 100

99 61.1 43.0 80.0

83 84.0 56.4 104.7

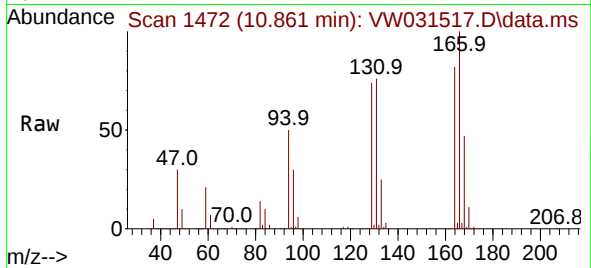
85 54.7 37.9 70.3



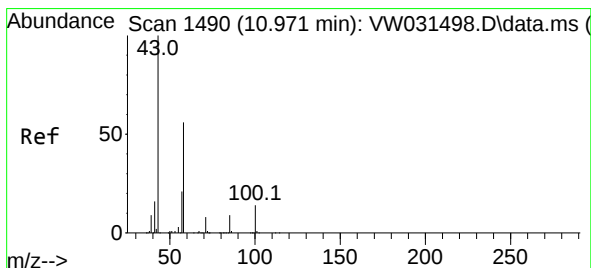
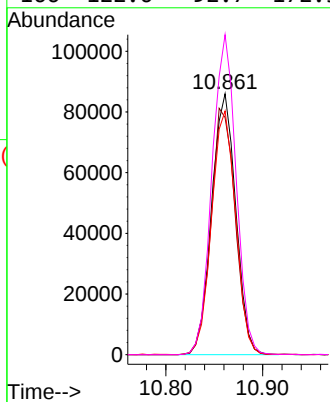
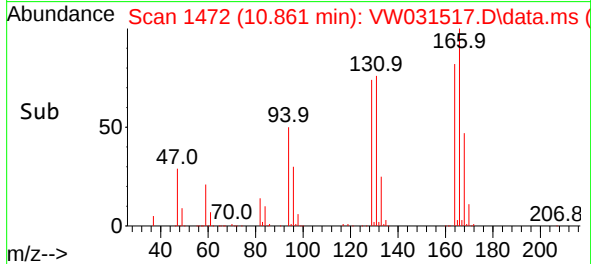


#46
Tetrachloroethene
Concen: 23.001 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

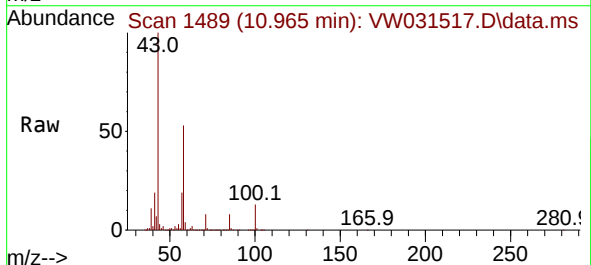
Instrument :
MSVOA_W
ClientSampleId :



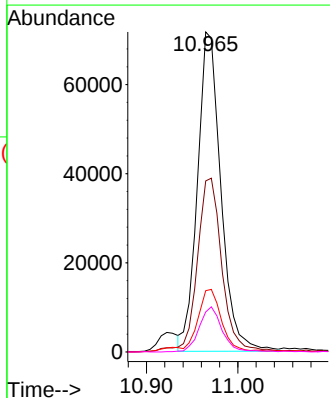
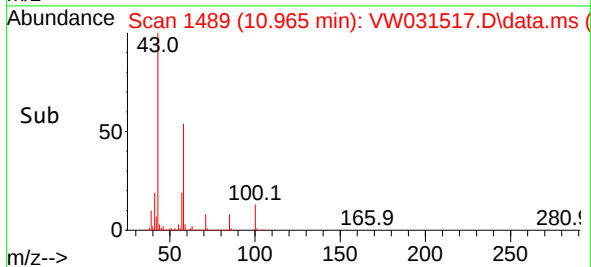
Tgt Ion:164 Resp: 149343
Ion Ratio Lower Upper
164 100
129 90.9 73.5 136.5
131 93.3 66.6 123.8
166 122.6 92.7 172.3

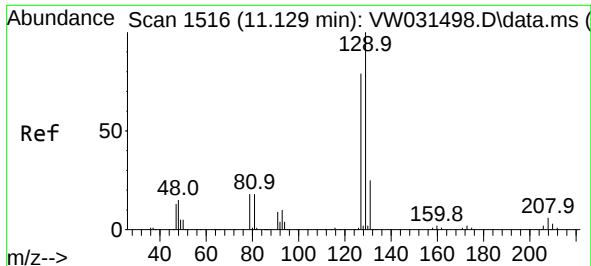


#48
2-Hexanone
Concen: 36.285 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09



Tgt Ion: 43 Resp: 128235
Ion Ratio Lower Upper
43 100
58 57.3 43.0 64.6
57 19.2 15.7 23.5
100 13.7 10.3 15.5

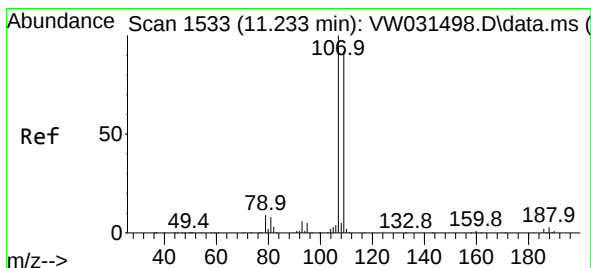
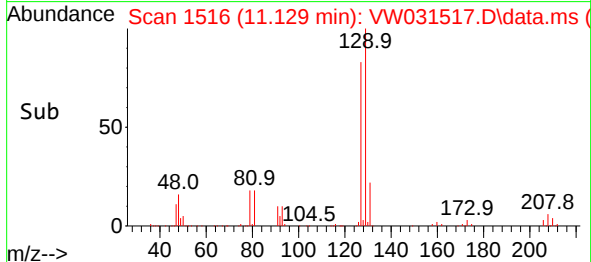
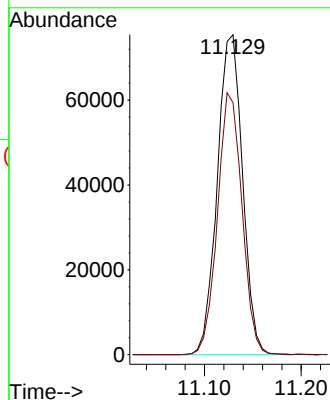
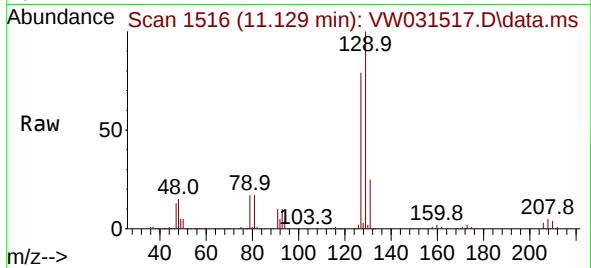




#49
Dibromochloromethane
Concen: 22.155 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

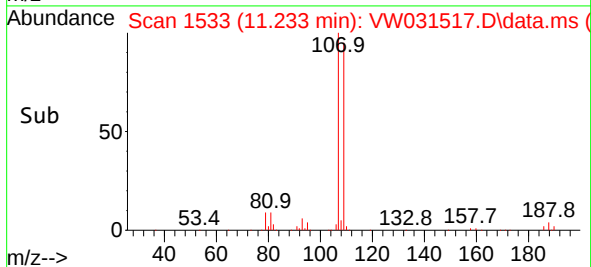
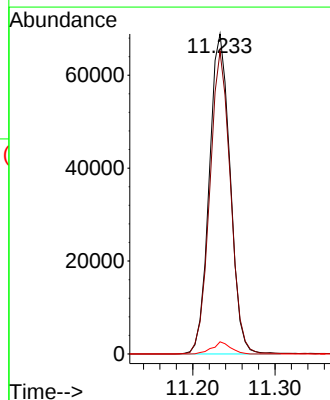
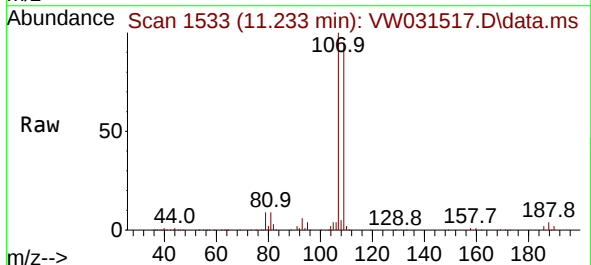
Instrument :
MSVOA_W
ClientSampleId :

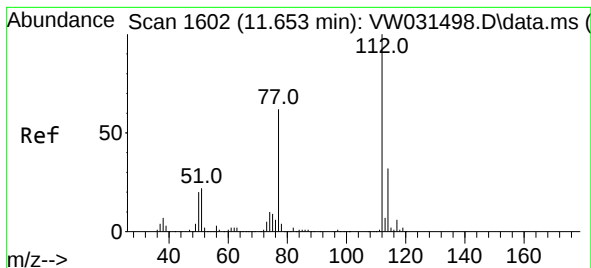
Tgt Ion:129 Resp: 136816
Ion Ratio Lower Upper
129 100
127 78.8 57.6 107.0



#50
1,2-Dibromoethane
Concen: 24.613 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion:107 Resp: 121471
Ion Ratio Lower Upper
107 100
109 94.6 63.2 117.4
188 3.9 2.6 4.0





#51

Chlorobenzene

Concen: 24.171 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

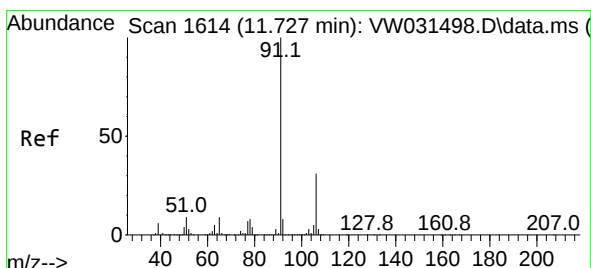
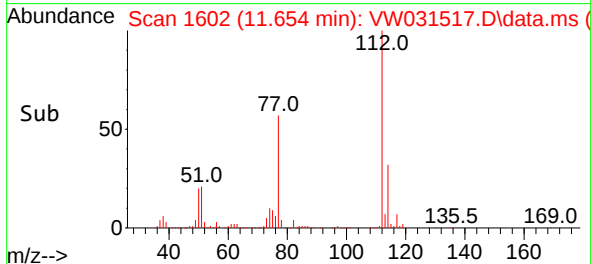
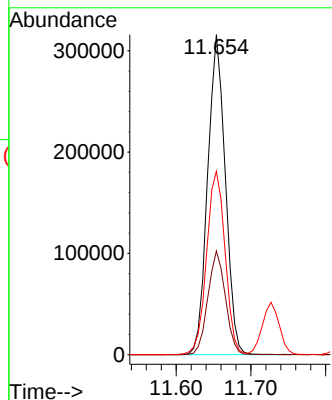
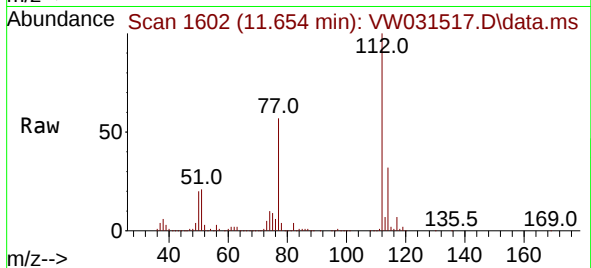
Tgt Ion:112 Resp: 518029

Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 57.4 50.2 75.4



#52

Ethylbenzene

Concen: 23.536 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031517.D

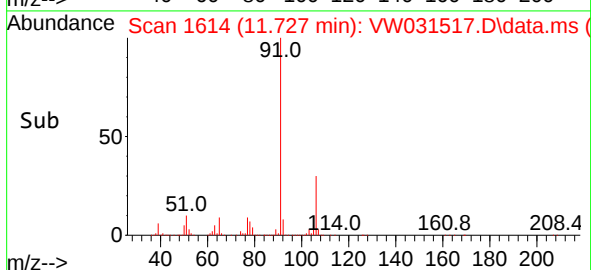
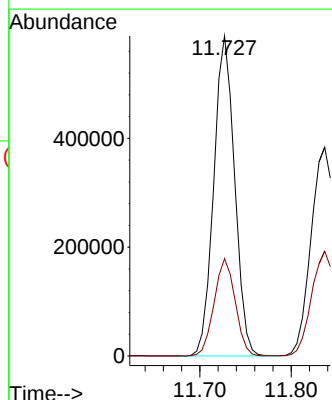
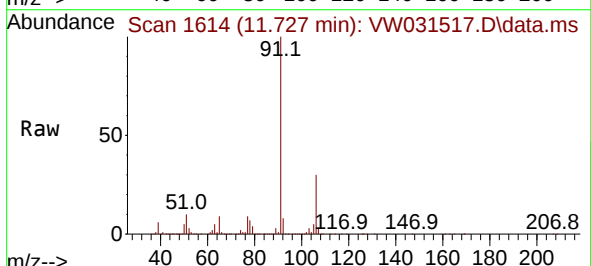
Acq: 23 Dec 2024 19:09

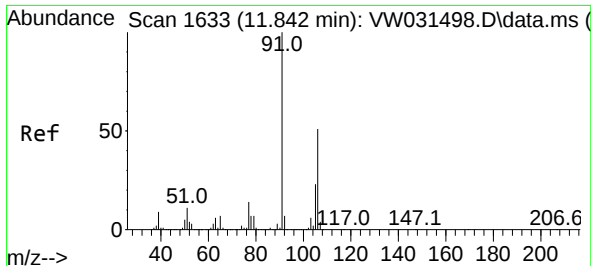
Tgt Ion: 91 Resp: 932437

Ion Ratio Lower Upper

91 100

106 30.4 20.7 38.5

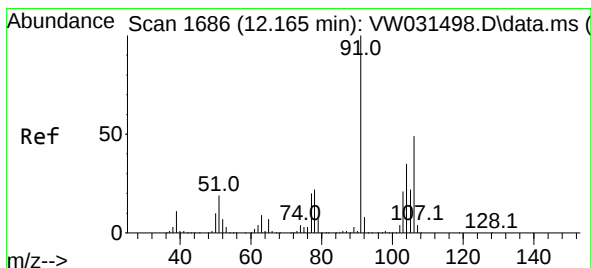
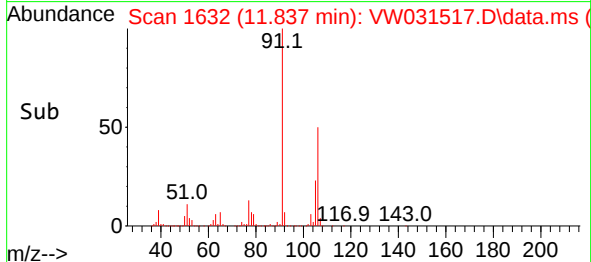
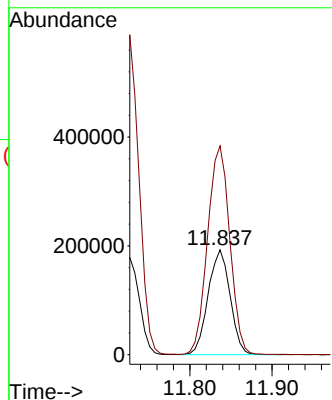
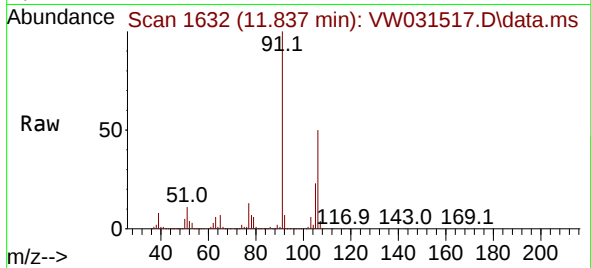




#53
m,p-Xylene
Concen: 23.672 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

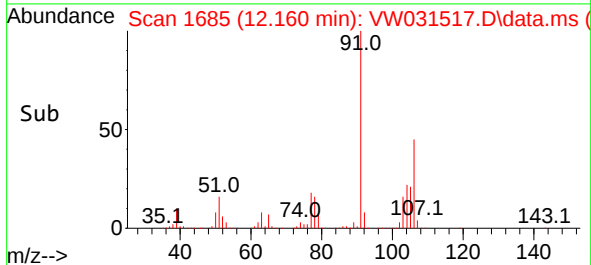
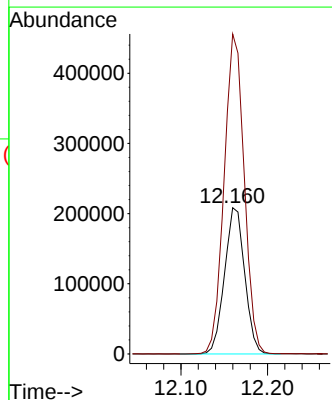
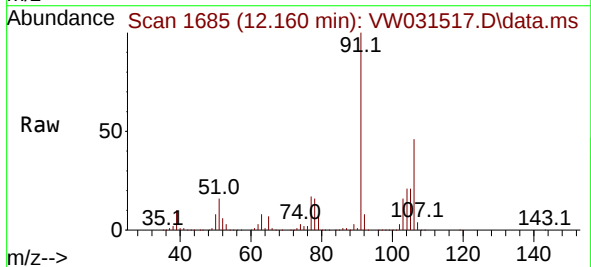
Instrument :
MSVOA_W
ClientSampleId :

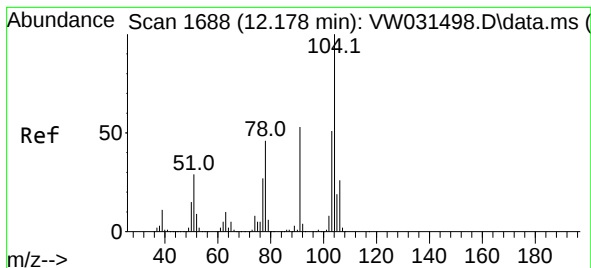
Tgt Ion:106 Resp: 357022
Ion Ratio Lower Upper
106 100
91 199.2 139.9 259.7



#54
o-Xylene
Concen: 23.709 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion:106 Resp: 336998
Ion Ratio Lower Upper
106 100
91 218.9 153.1 284.3





#55

Styrene

Concen: 23.924 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

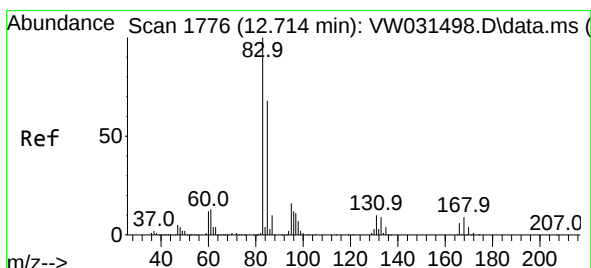
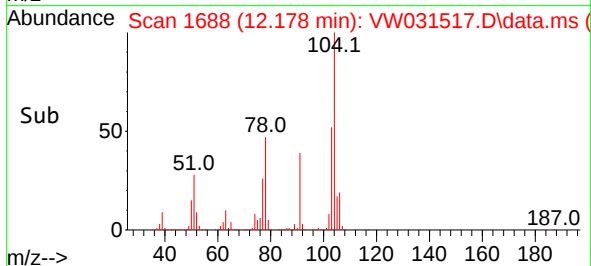
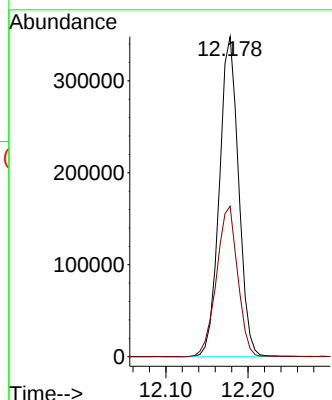
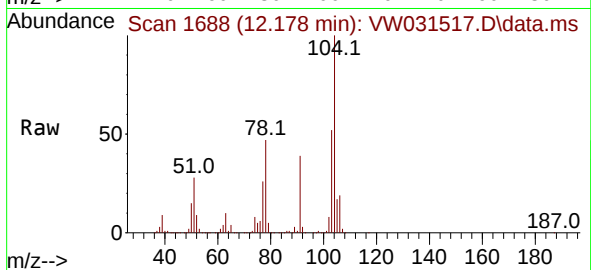
ClientSampleId :

Tgt Ion:104 Resp: 565649

Ion Ratio Lower Upper

104 100

78 47.0 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 25.728 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

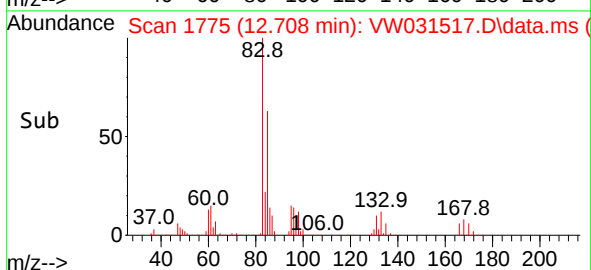
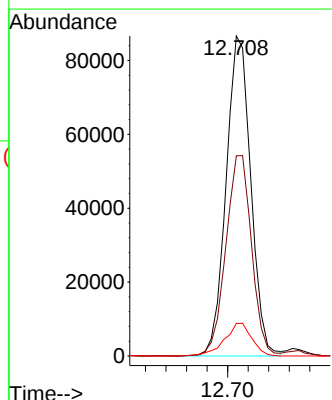
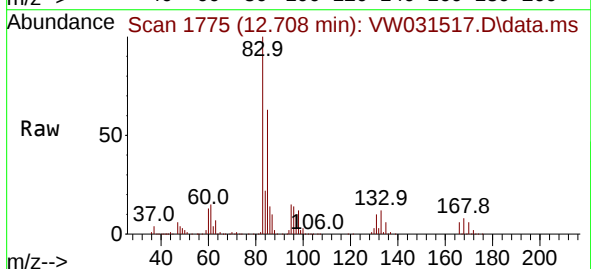
Tgt Ion: 83 Resp: 144489

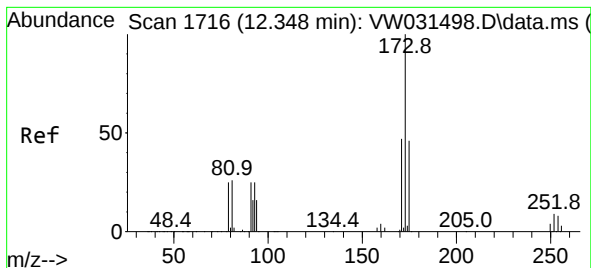
Ion Ratio Lower Upper

83 100

85 62.6 44.1 81.9

131 10.2 7.9 11.9





#59

Bromoform

Concen: 19.454 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

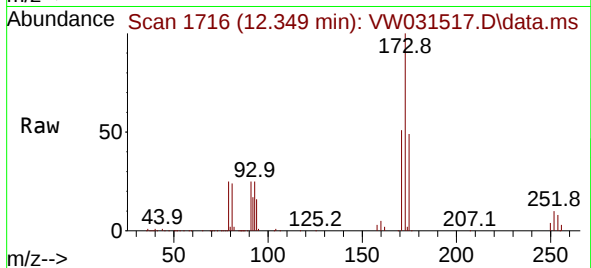
Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :



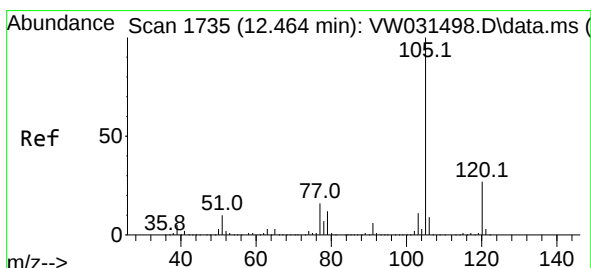
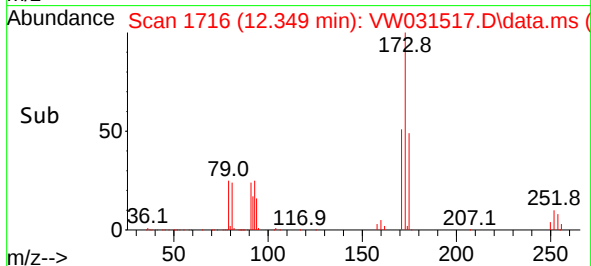
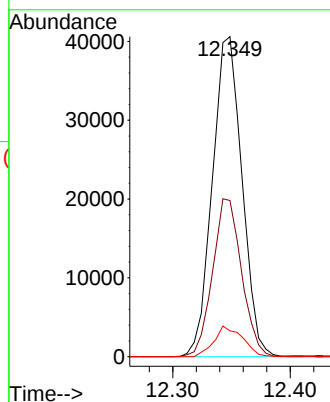
Tgt Ion:173 Resp: 71133

Ion Ratio Lower Upper

173 100

175 48.3 38.6 57.8

254 9.2 7.6 11.4



#60

Isopropylbenzene

Concen: 22.041 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

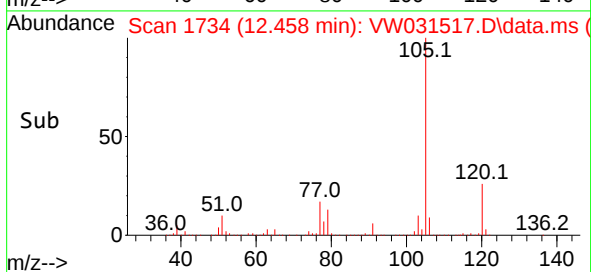
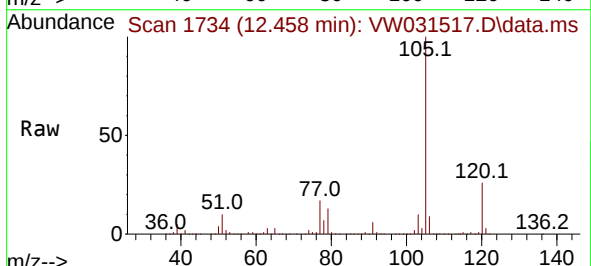
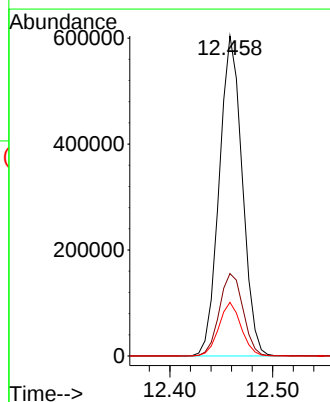
Tgt Ion:105 Resp: 938809

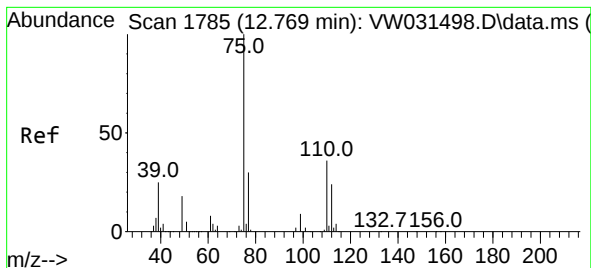
Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 16.2 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 23.685 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

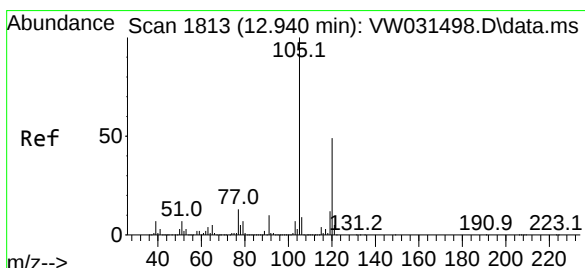
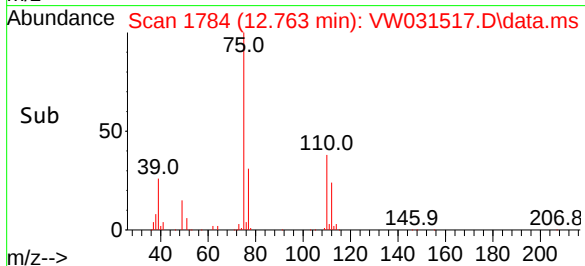
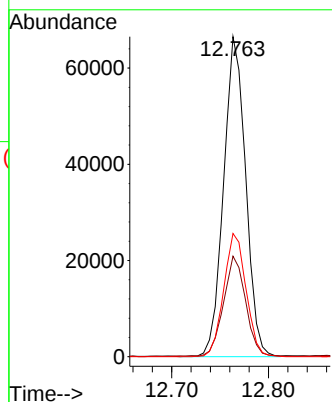
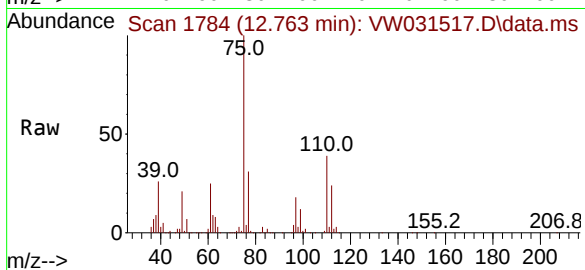
Tgt Ion: 75 Resp: 105490

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

110 39.0 31.2 46.8



#62

1,3,5-Trimethylbenzene

Concen: 21.864 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031517.D

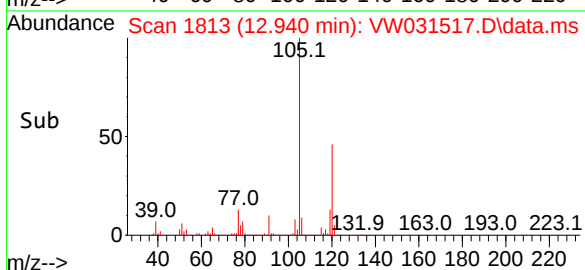
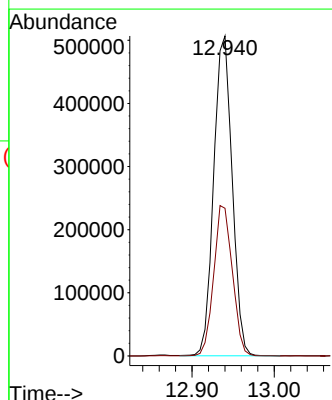
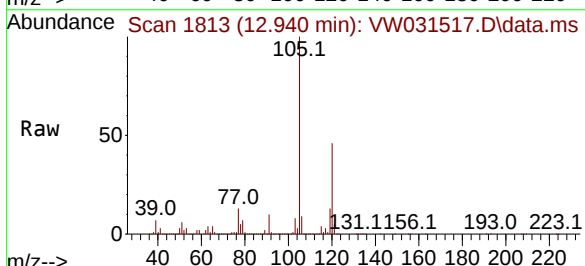
Acq: 23 Dec 2024 19:09

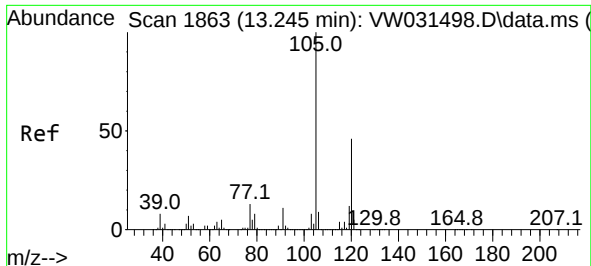
Tgt Ion:105 Resp: 789529

Ion Ratio Lower Upper

105 100

120 47.6 37.3 55.9

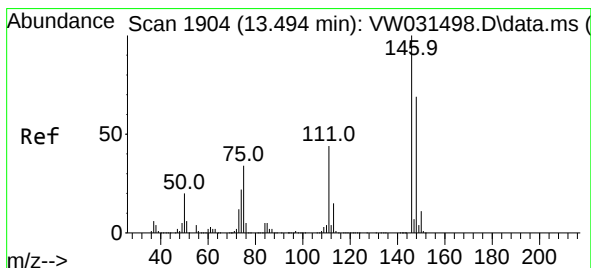
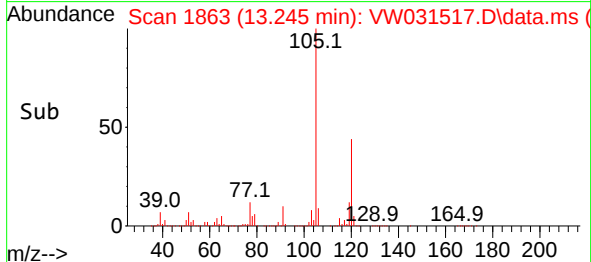
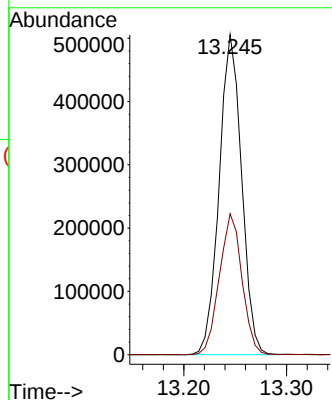
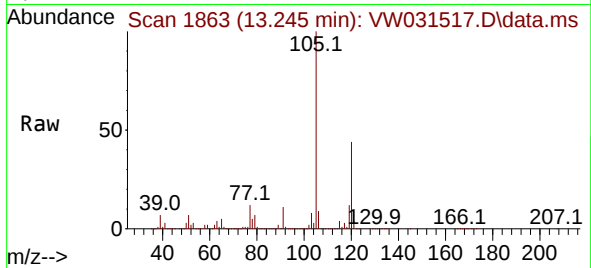




#63
1,2,4-Trimethylbenzene
Concen: 21.929 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

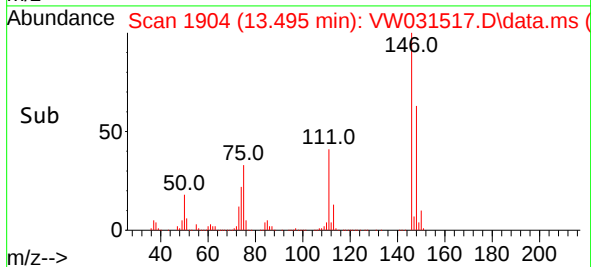
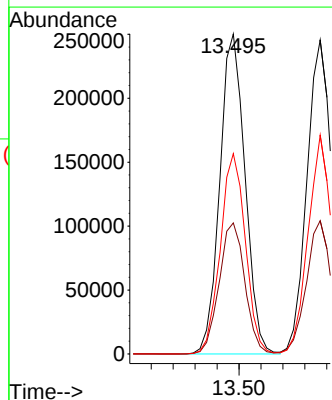
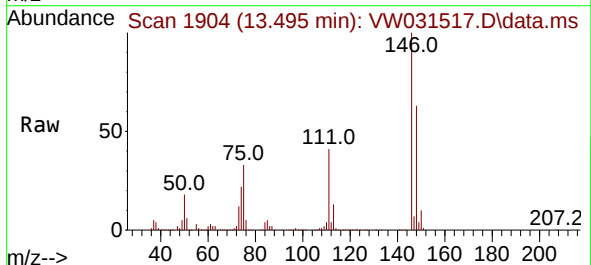
Instrument :
MSVOA_W
ClientSampleId :

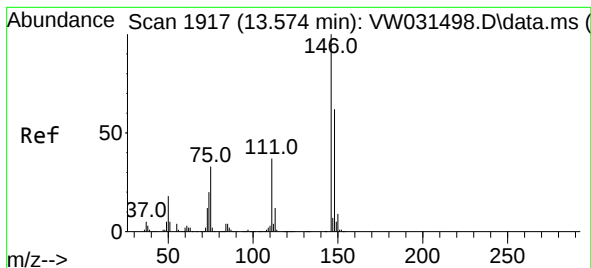
Tgt Ion:105 Resp: 765389
Ion Ratio Lower Upper
105 100
120 44.3 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 23.183 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

Tgt Ion:146 Resp: 400066
Ion Ratio Lower Upper
146 100
111 40.9 27.6 51.2
148 62.6 41.0 76.2





#65

1,4-Dichlorobenzene

Concen: 22.795 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :

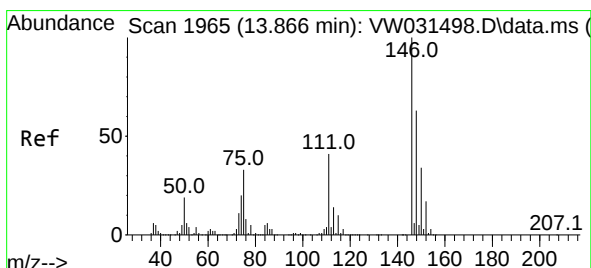
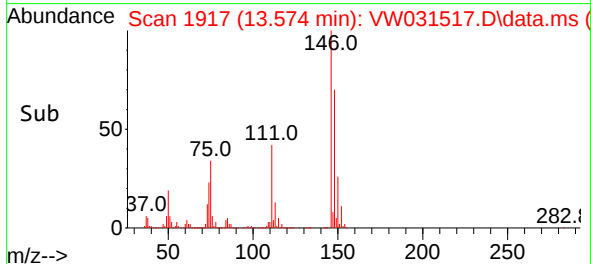
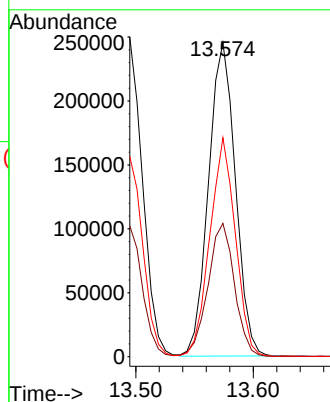
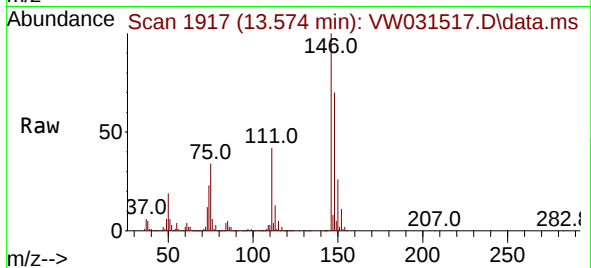
Tgt Ion:146 Resp: 389763

Ion Ratio Lower Upper

146 100

111 42.5 30.7 56.9

148 69.7 46.5 86.3



#67

1,2-Dichlorobenzene

Concen: 23.445 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

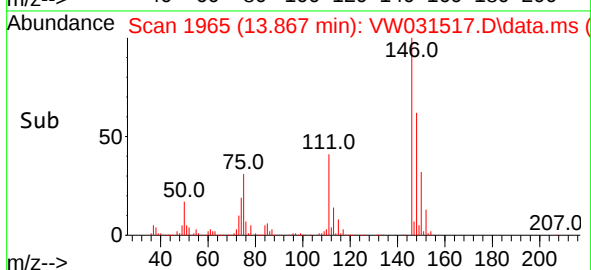
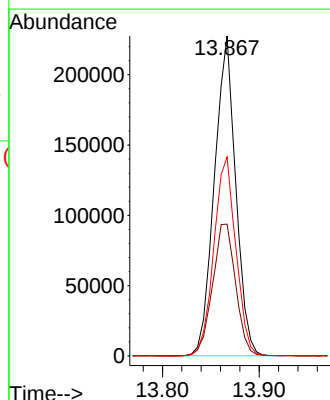
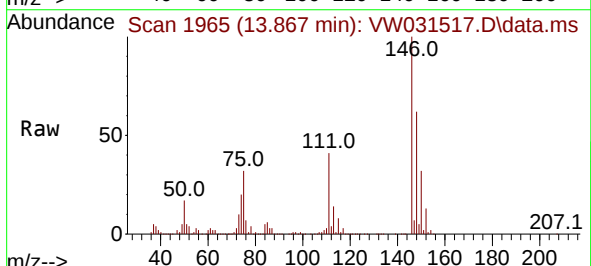
Tgt Ion:146 Resp: 348607

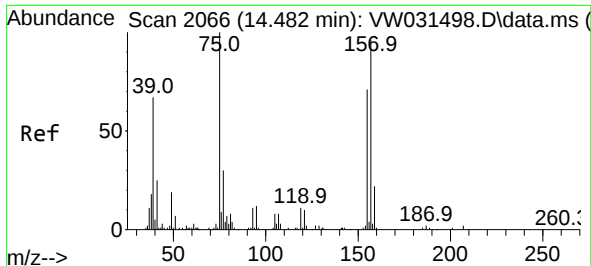
Ion Ratio Lower Upper

146 100

111 41.2 38.6 58.0

148 62.2 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 18.683 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

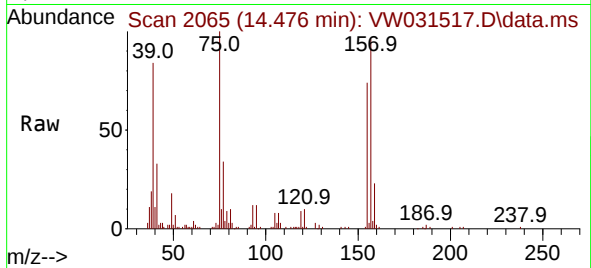
Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Instrument :

MSVOA_W

ClientSampleId :



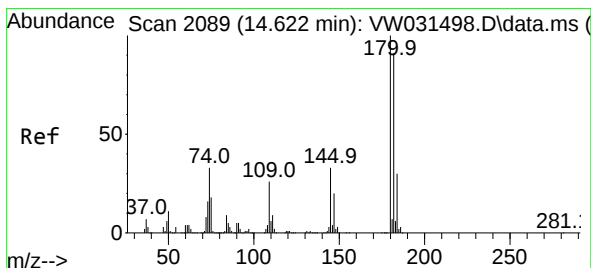
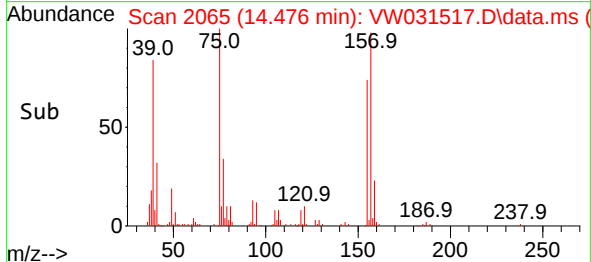
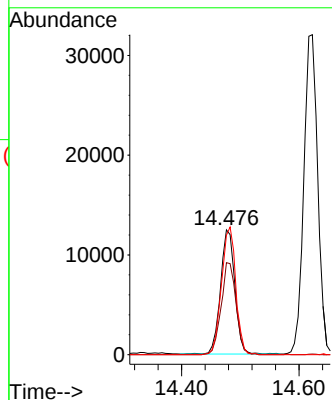
Tgt Ion: 75 Resp: 21116

Ion Ratio Lower Upper

75 100

155 73.8 56.6 85.0

157 95.7 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 22.615 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031517.D

Acq: 23 Dec 2024 19:09

Tgt Ion:180 Resp: 273328

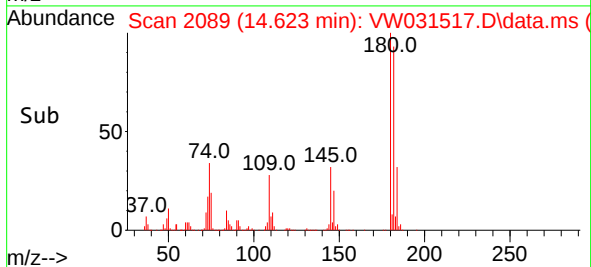
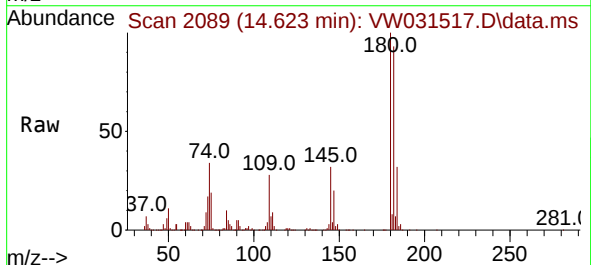
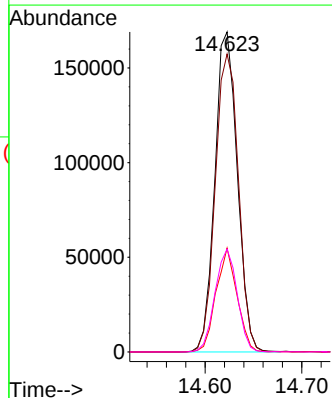
Ion Ratio Lower Upper

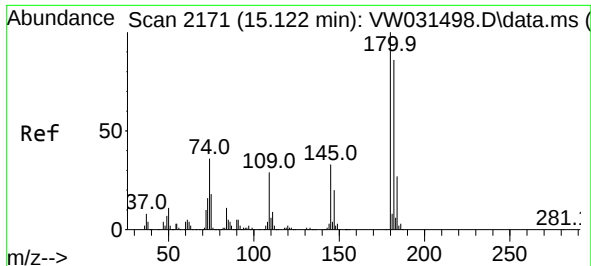
180 100

182 95.8 75.0 112.4

184 30.2 24.6 36.8

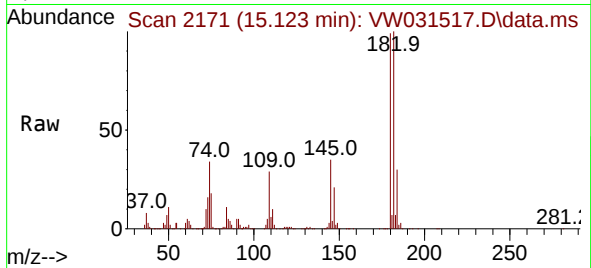
145 31.7 25.7 38.5



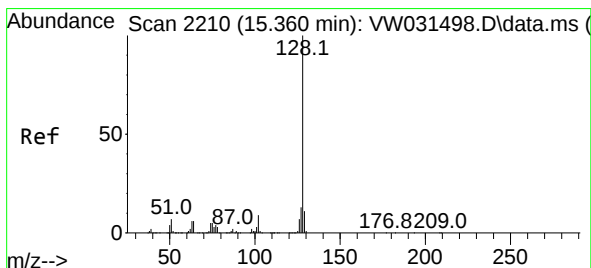
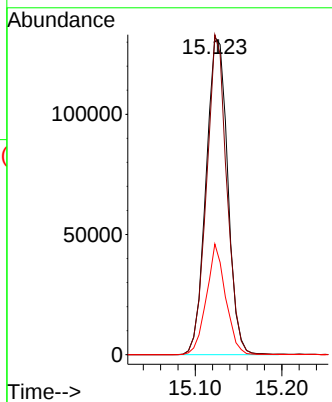
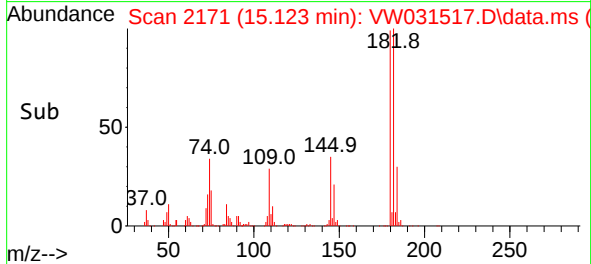


#70
1,2,4-trichlorobenzene
Concen: 22.743 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09

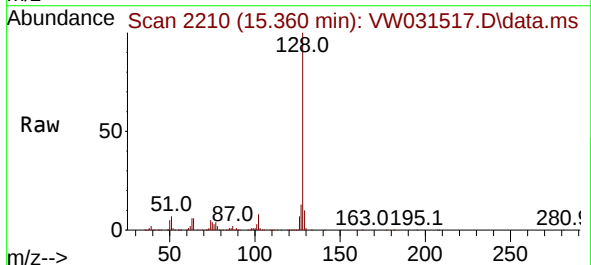
Instrument :
MSVOA_W
ClientSampleId :



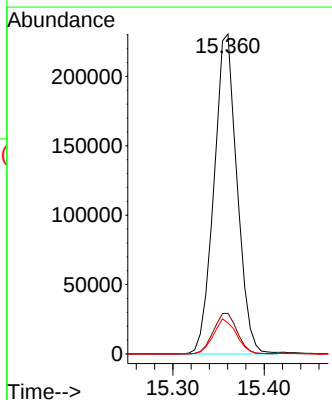
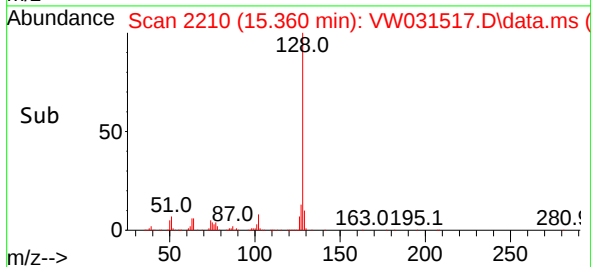
Tgt Ion:180 Resp: 228654
Ion Ratio Lower Upper
180 100
182 94.3 78.2 117.2
145 30.9 26.7 40.1

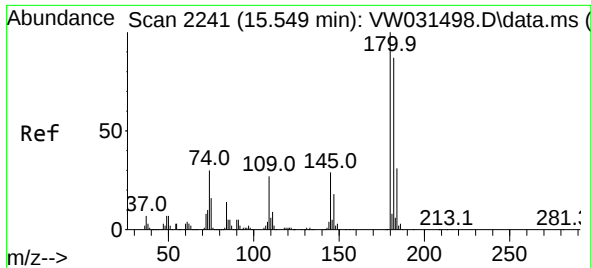


#71
Naphthalene
Concen: 23.045 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031517.D
Acq: 23 Dec 2024 19:09



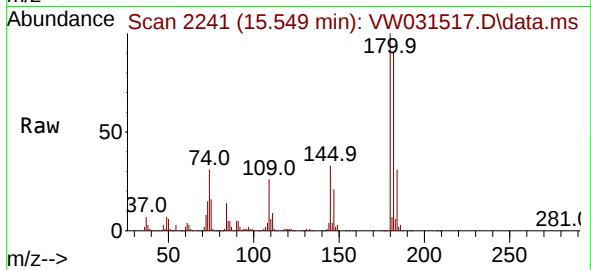
Tgt Ion:128 Resp: 406199
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 23.506 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031517.D
 Acq: 23 Dec 2024 19:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.4
145	33.9	27.8	41.6

