

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081723\
 Data File : VW026757.D
 Acq On : 17 Aug 2023 09:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 01:28:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 17 01:28:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	455771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	469772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	135082	18.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
7) Chloroethane-d5	2.899	69	117535	21.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	4.027	65	80655	21.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.560%
21) 2-Butanone-d5	7.075	46	102008	47.370	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.740%
24) Chloroform-d	7.648	84	419421	27.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.680%
26) 1,2-Dichloroethane-d4	8.307	65	234020	27.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.880%
32) Benzene-d6	8.276	84	812474	25.095	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.360%
36) 1,2-Dichloropropane-d6	9.270	67	251571	24.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	10.319	98	731297	26.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.240%
43) trans-1,3-Dichloroprop...	10.575	79	106128	25.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.960%
47) 2-Hexanone-d5	10.922	63	56015	52.860	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	219662	27.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	256287	26.481	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	157634	25.438	ug/L #	84
3) Chloromethane	2.223	50	176631	20.845	ug/L	100
5) Vinyl chloride	2.375	62	191915	23.692	ug/L	97
6) Bromomethane	2.783	94	114094	24.175	ug/L	95
8) Chloroethane	2.930	64	113169	23.317	ug/L	100
9) Trichlorofluoromethane	3.259	101	165528	24.900	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	82189	11.446	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	177112	26.291	ug/L	96
13) Acetone	4.125	43	108555	50.699	ug/L	97
14) Carbon disulfide	4.393	76	601796	24.831	ug/L	99
15) Methyl Acetate	4.673	43	95749	22.324	ug/L	95
16) Methylene chloride	4.917	84	197155	22.362	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	202444	26.930	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	302766	26.618	ug/L	99
19) 1,1-Dichloroethane	6.216	63	408768	26.420	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	216108	26.745	ug/L	99
22) 2-Butanone	7.167	43	146034	46.280	ug/L	96
23) Bromochloromethane	7.514	128	94094	26.958	ug/L	91
25) Chloroform	7.673	83	400189	26.773	ug/L	97

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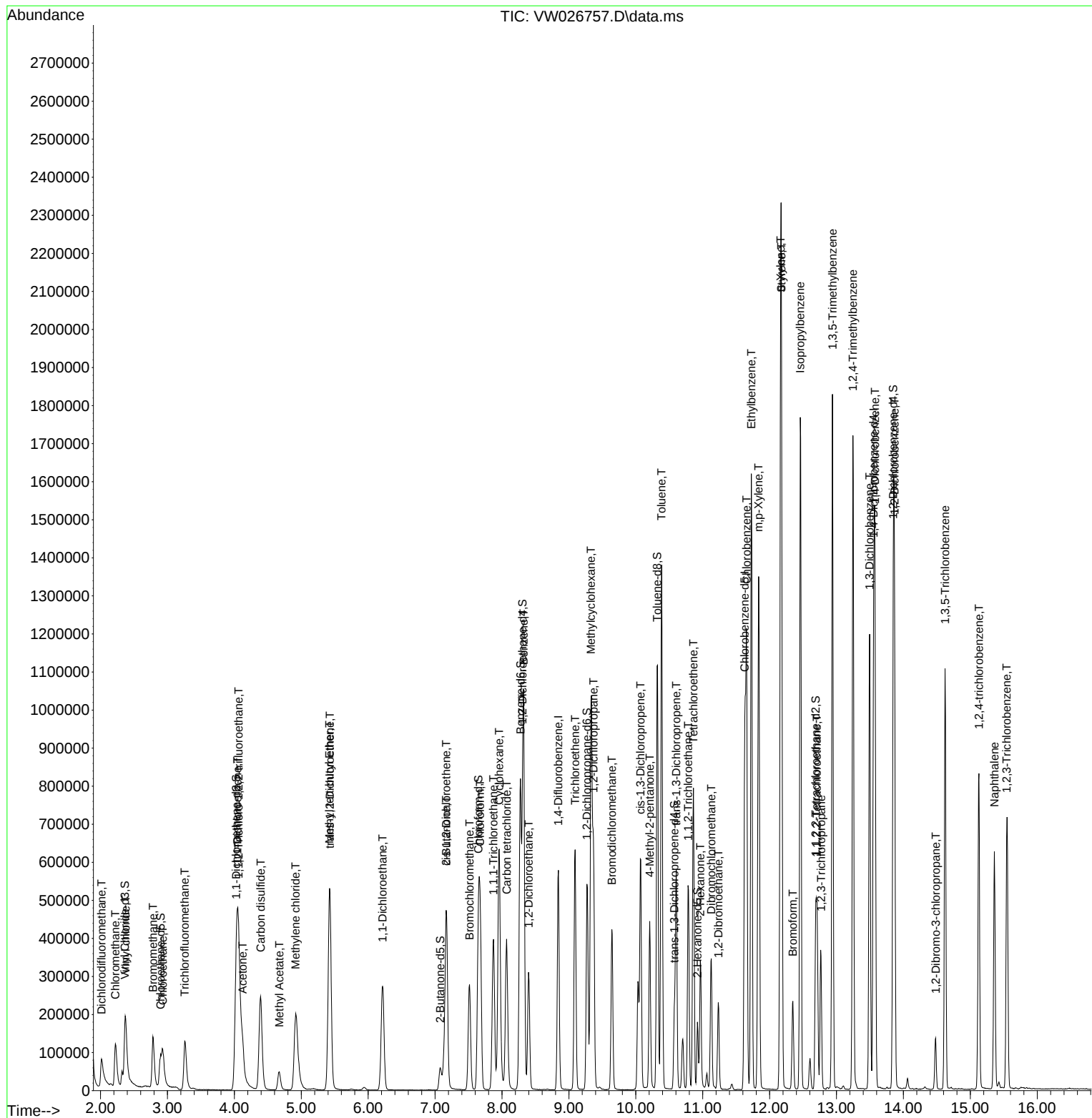
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283522	27.190	ug/L	99
29) Cyclohexane	7.959	56	366356	25.218	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	325685	26.564	ug/L	100
31) Carbon tetrachloride	8.069	117	300643	26.819	ug/L	94
33) Benzene	8.325	78	884048	25.842	ug/L	100
34) Trichloroethene	9.093	95	221882	25.466	ug/L	97
35) Methylcyclohexane	9.331	83	403640	27.080	ug/L	98
37) 1,2-Dichloropropane	9.368	63	237258	25.320	ug/L	99
38) Bromodichloromethane	9.642	83	286852	26.095	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	359406	26.662	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	289334	47.469	ug/L	98
42) Toluene	10.386	91	965588	27.902	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	309081	26.639	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	166032	25.908	ug/L	98
46) Tetrachloroethene	10.861	164	169390	26.760	ug/L	94
48) 2-Hexanone	10.965	43	218619	52.712	ug/L	99
49) Dibromochloromethane	11.129	129	181166	27.029	ug/L	94
50) 1,2-Dibromoethane	11.233	107	153573	25.540	ug/L	95
51) Chlorobenzene	11.654	112	584160	26.723	ug/L	97
52) Ethylbenzene	11.727	91	1088765	28.055	ug/L	98
53) m,p-Xylene	11.837	106	411021	28.589	ug/L	92
54) o-Xylene	12.166	106	382771	28.527	ug/L	99
55) Styrene	12.178	104	676619	29.002	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	207784	25.601	ug/L	97
59) Bromoform	12.349	173	106073	25.042	ug/L	96
60) Isopropylbenzene	12.459	105	1086906	27.037	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	152589	23.264	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	888109	27.950	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	878436	28.212	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	469674	26.864	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	475390	26.055	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	428749	26.968	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	36648	23.177	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	313948	26.579	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	249608	24.924	ug/L	95
71) Naphthalene	15.360	128	488389	25.566	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	232679	25.759	ug/L	98

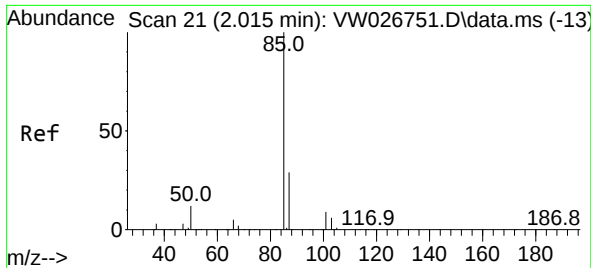
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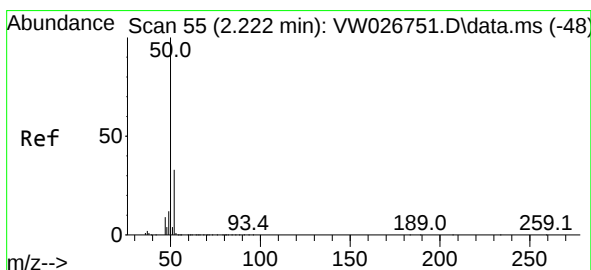
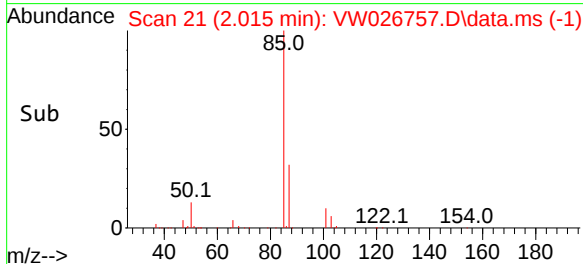
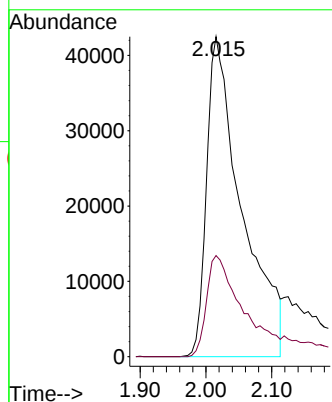
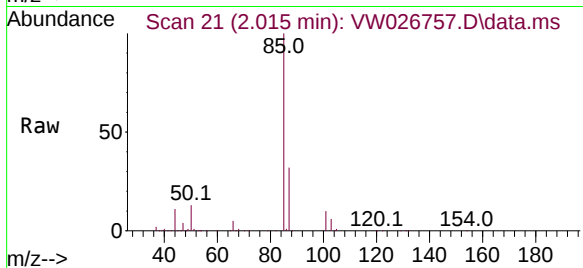




#2
 Dichlorodifluoromethane
 Concen: 25.438 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026757.D
 Acq: 17 Aug 2023 09:01

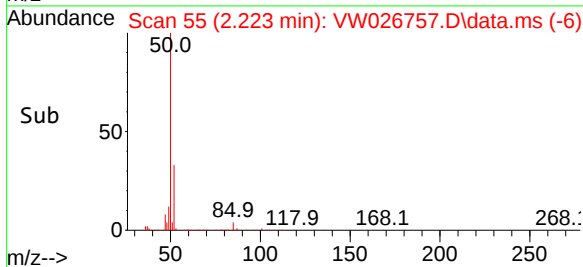
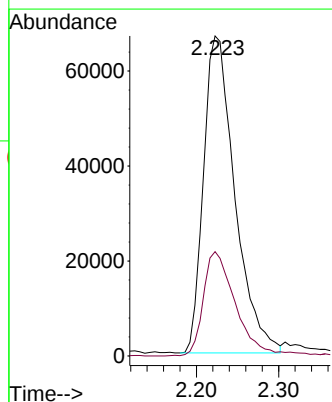
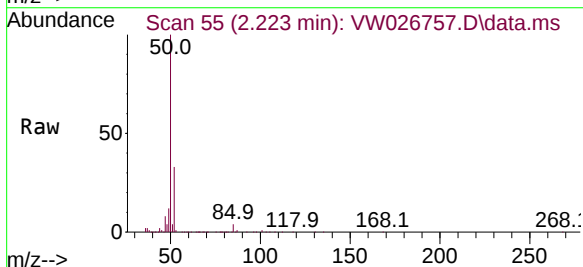
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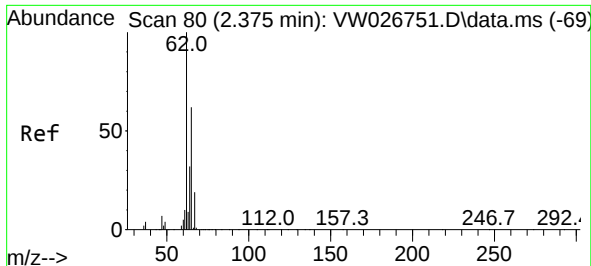
Tgt Ion: 85 Resp: 157634
 Ion Ratio Lower Upper
 85 100
 87 32.5 19.5 29.3#



#3
 Chloromethane
 Concen: 20.845 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026757.D
 Acq: 17 Aug 2023 09:01

Tgt Ion: 50 Resp: 176631
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8

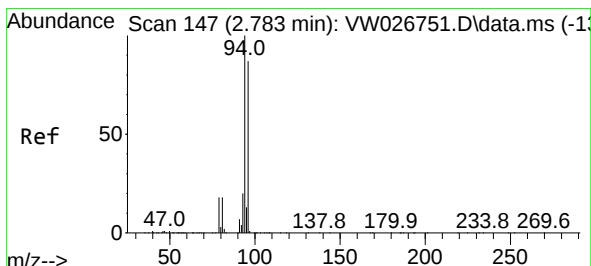
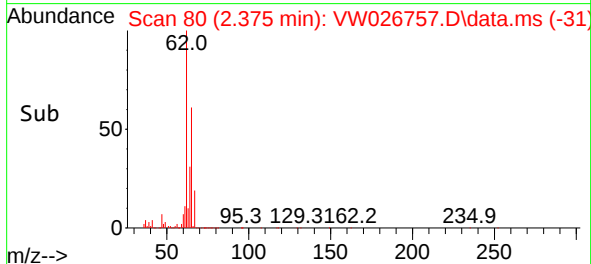
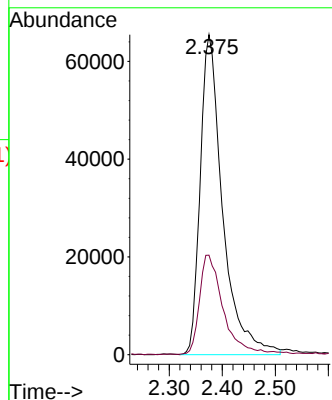
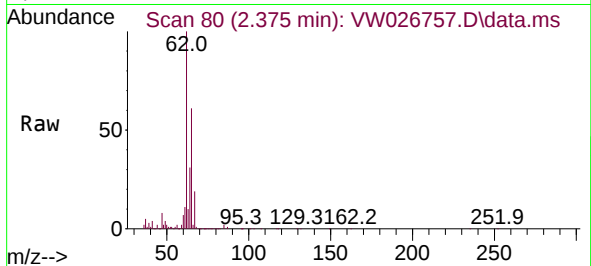




#5
 Vinyl chloride
 Concen: 23.692 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026757.D
 Acq: 17 Aug 2023 09:01

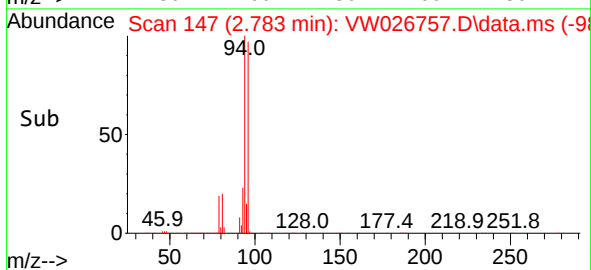
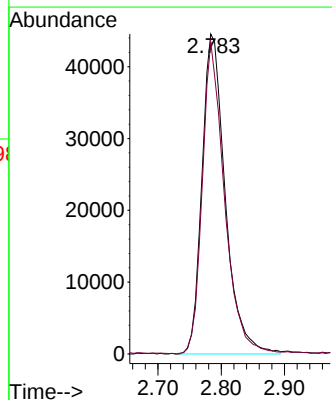
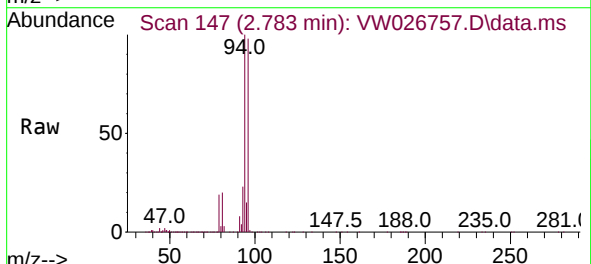
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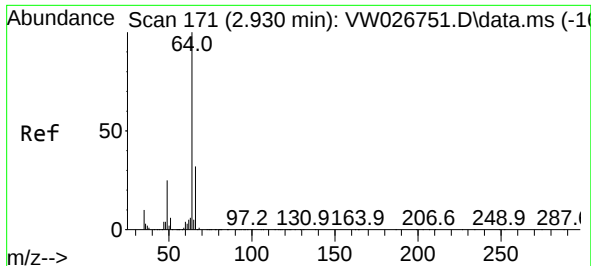
Tgt Ion: 62 Resp: 191915
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.3



#6
 Bromomethane
 Concen: 24.175 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026757.D
 Acq: 17 Aug 2023 09:01

Tgt Ion: 94 Resp: 114094
 Ion Ratio Lower Upper
 94 100
 96 97.5 64.8 120.3

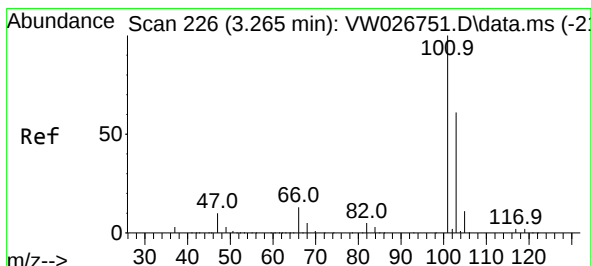
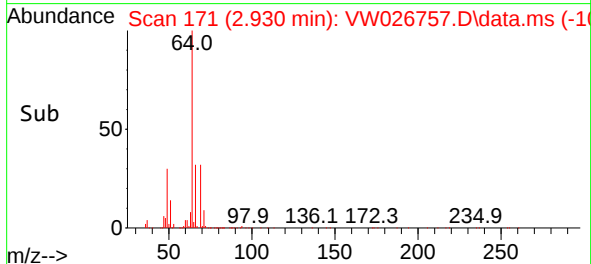
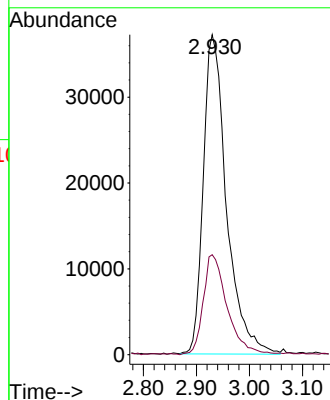
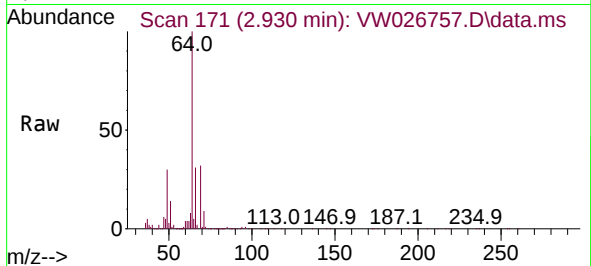




#8
Chloroethane
Concen: 23.317 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

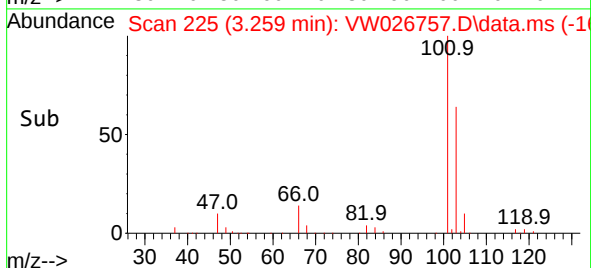
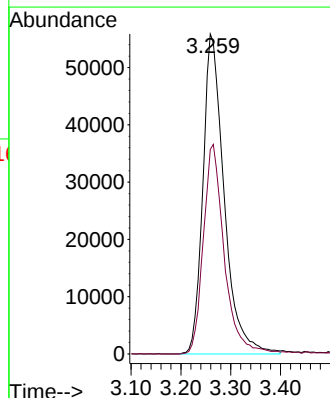
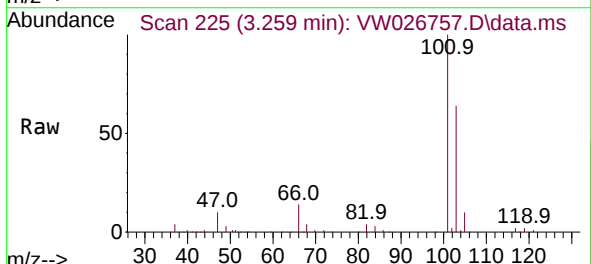
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MSVOA_W
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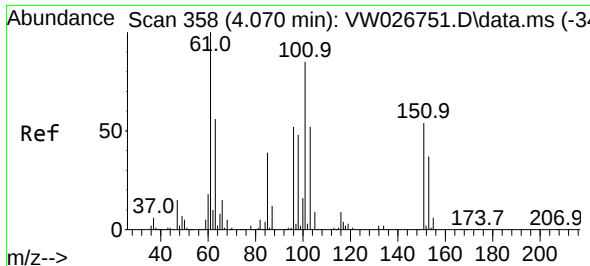
Tgt Ion: 64 Resp: 113169
Ion Ratio Lower Upper
64 100
66 31.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.900 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 101 Resp: 165528
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

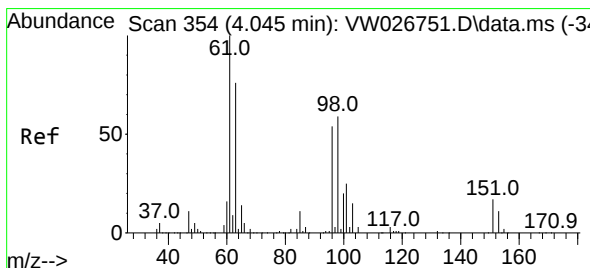
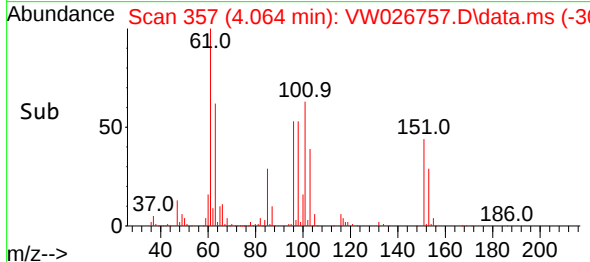
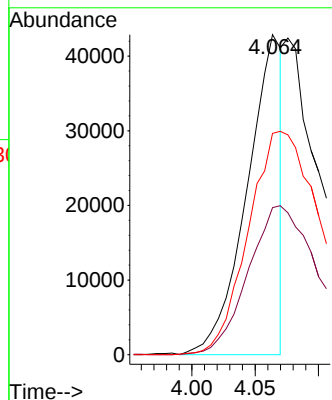
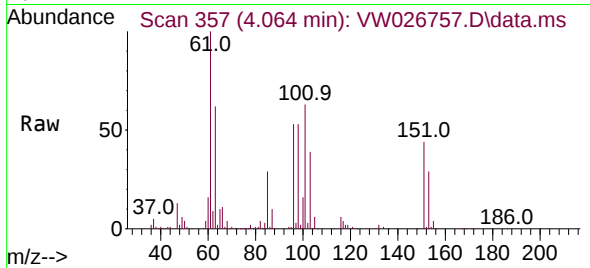




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.446 ug/L
RT: 4.064 min Scan# 357
Delta R.T. -0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

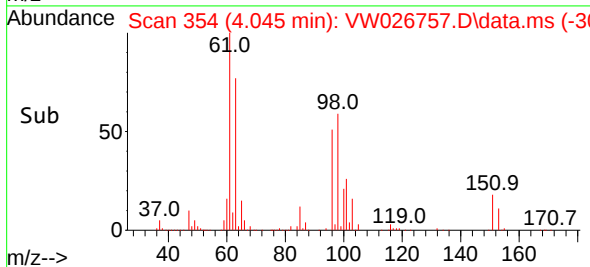
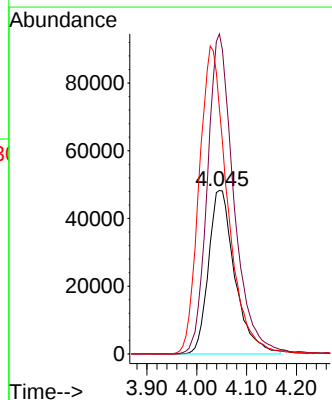
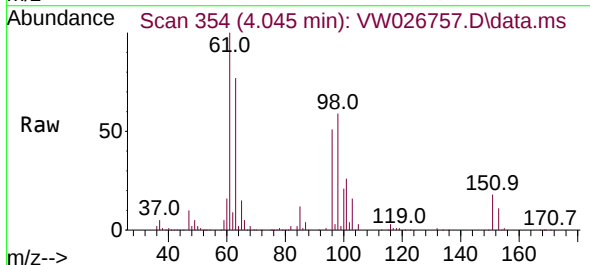
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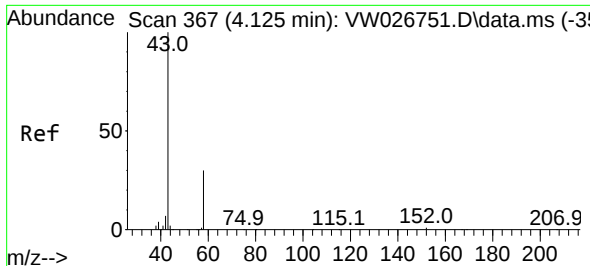
Tgt Ion:101 Resp: 82189
Ion Ratio Lower Upper
101 100
85 102.4 32.8 49.2#
151 169.7 54.4 81.6#



#12
1,1-Dichloroethene
Concen: 26.291 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 96 Resp: 177112
Ion Ratio Lower Upper
96 100
61 195.8 133.2 247.4
63 150.0 109.0 202.4

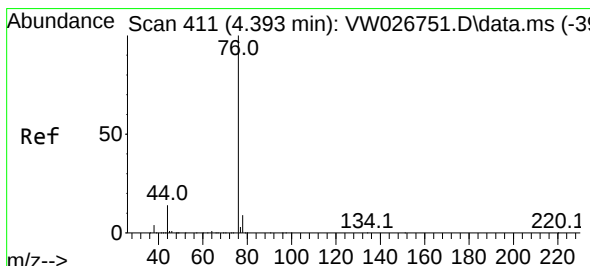
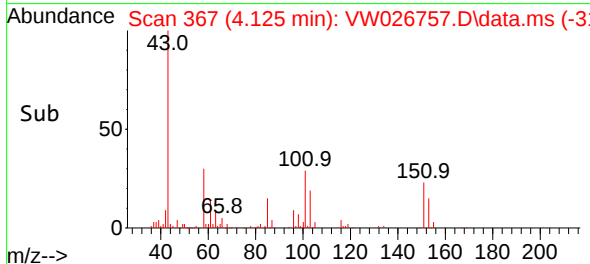
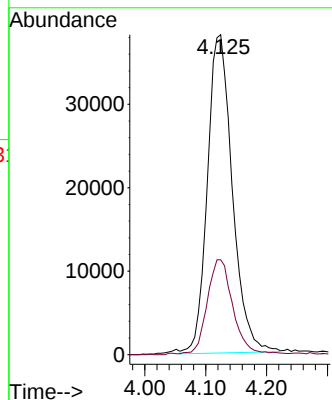
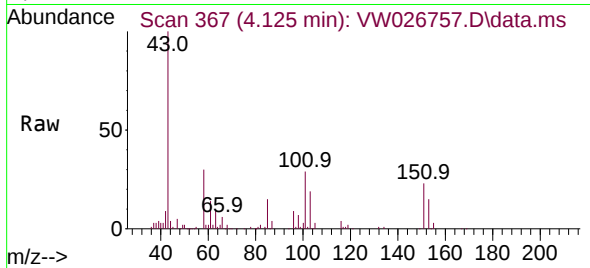




#13
Acetone
Concen: 50.699 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026757.D
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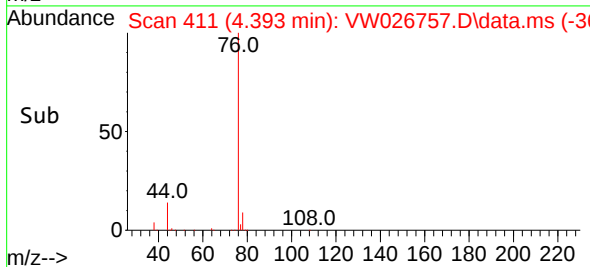
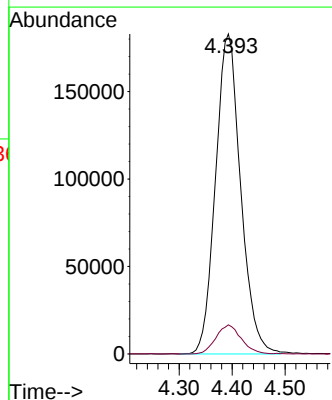
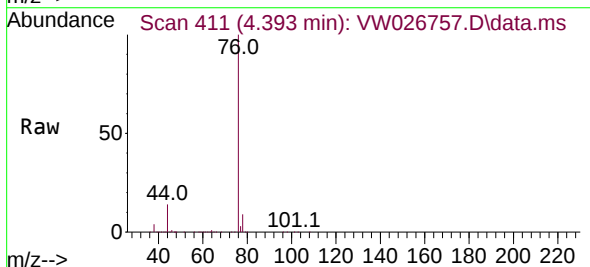
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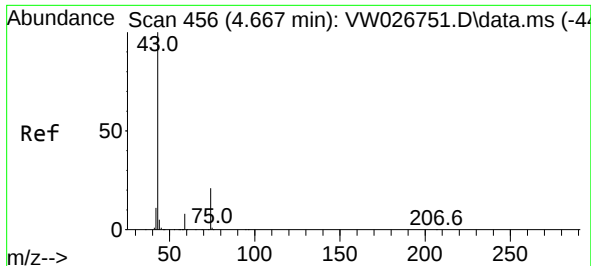
Tgt Ion: 43 Resp: 108555
Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.4



#14
Carbon disulfide
Concen: 24.831 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 601796
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

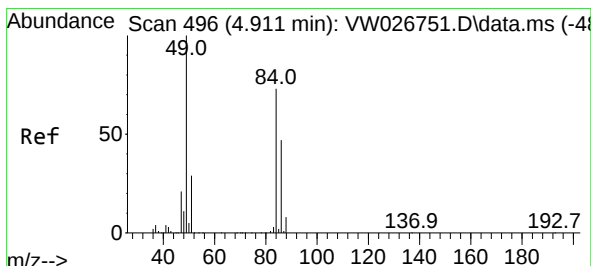
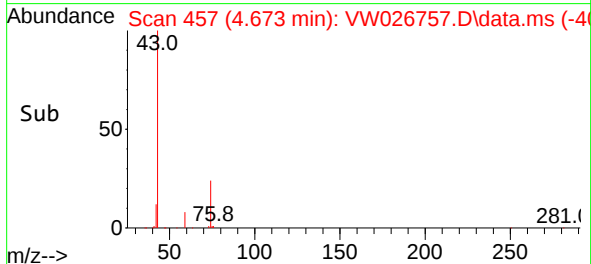
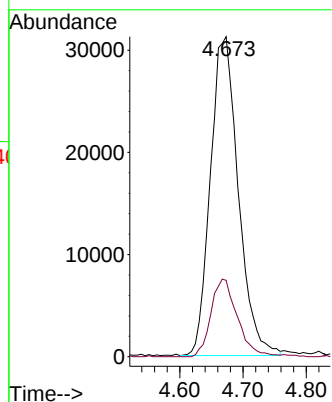
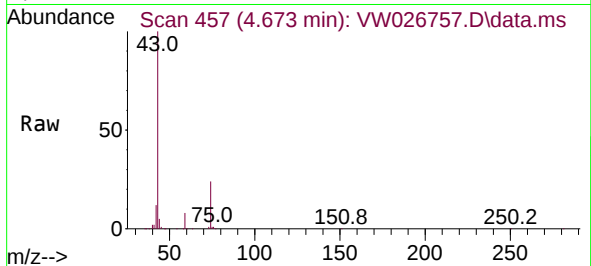




#15
Methyl Acetate
Concen: 22.324 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

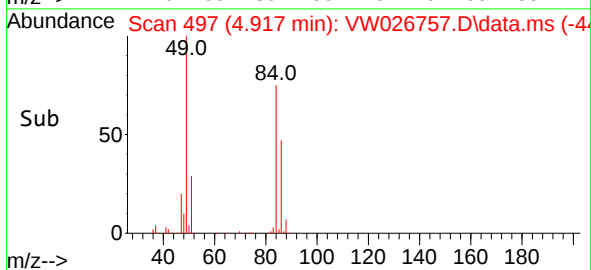
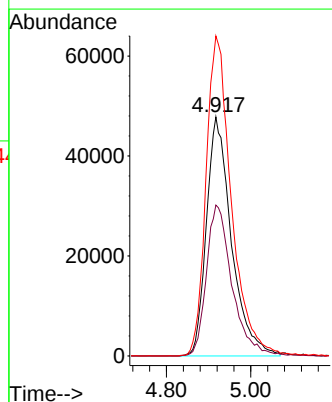
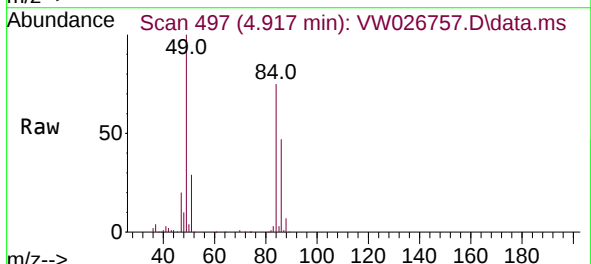
Instrument :
MSVOA_W
ClientSampleId :

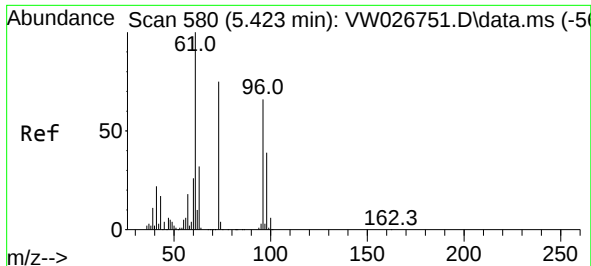
Tgt Ion: 43 Resp: 95749
Ion Ratio Lower Upper
43 100
74 23.0 16.4 24.6



#16
Methylene chloride
Concen: 22.362 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 84 Resp: 197155
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.9
49 133.8 96.0 178.2

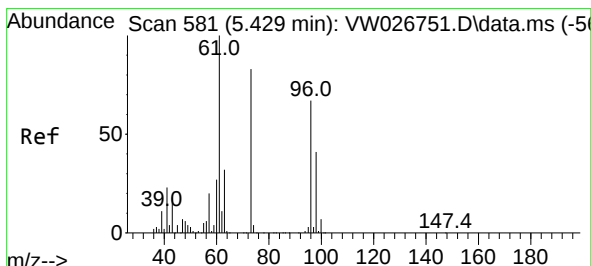
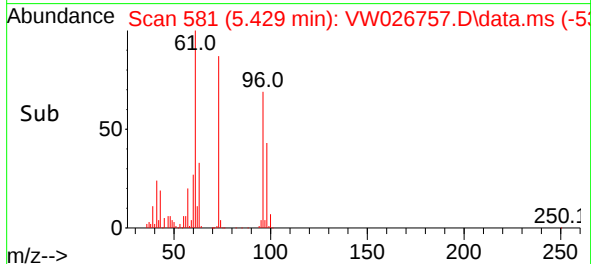
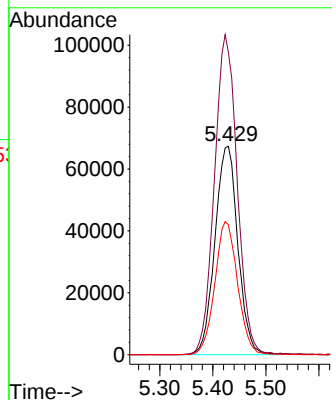
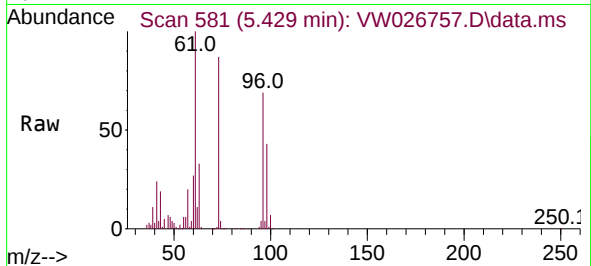




#17
trans-1,2-Dichloroethene
Concen: 26.930 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

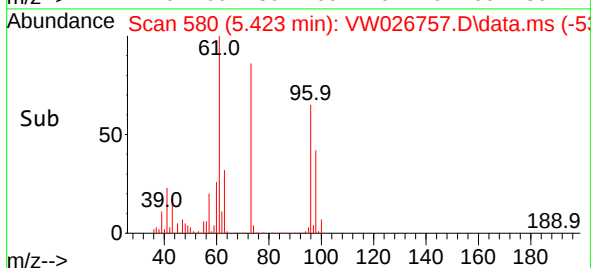
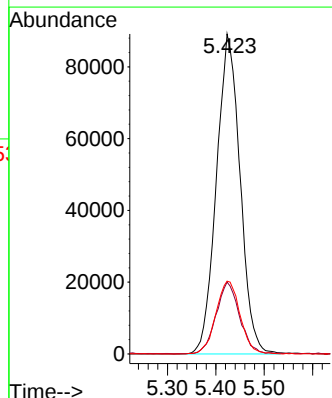
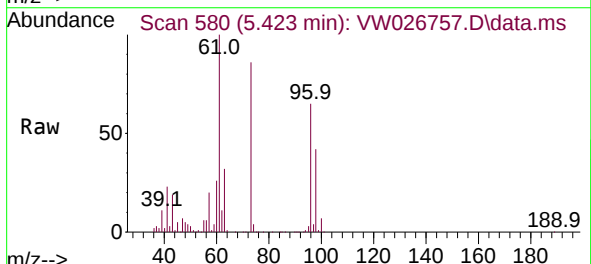
Instrument :
MSVOA_W
ClientSampleId :

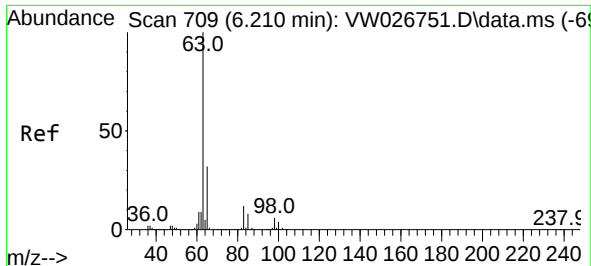
Tgt Ion: 96 Resp: 202444
Ion Ratio Lower Upper
96 100
61 145.1 109.4 203.2
98 62.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.618 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 73 Resp: 302766
Ion Ratio Lower Upper
73 100
43 22.3 18.0 27.0
57 23.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.420 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

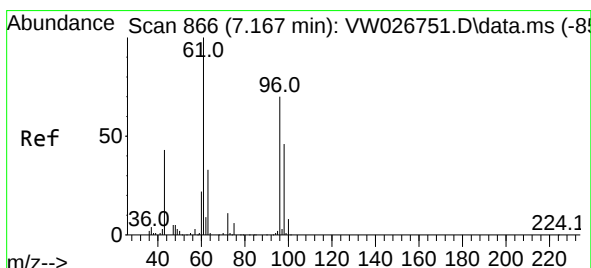
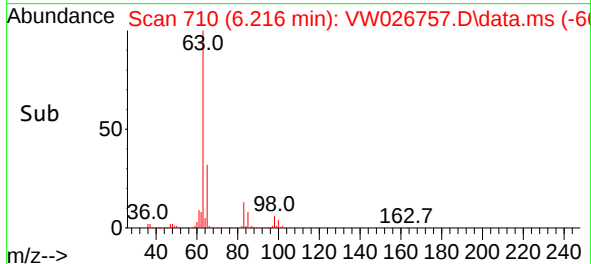
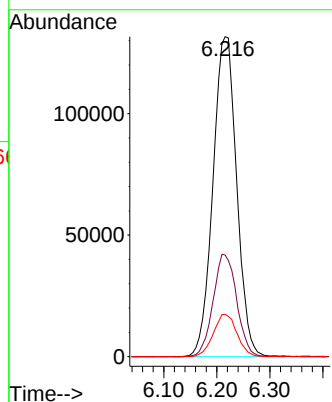
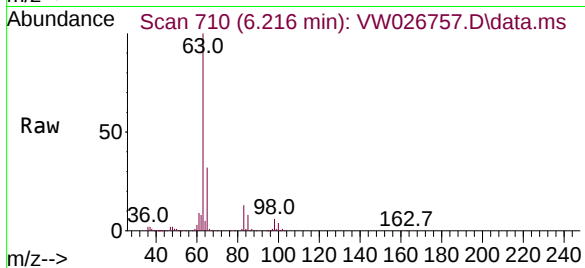
Tgt Ion: 63 Resp: 408768

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 13.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 26.745 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

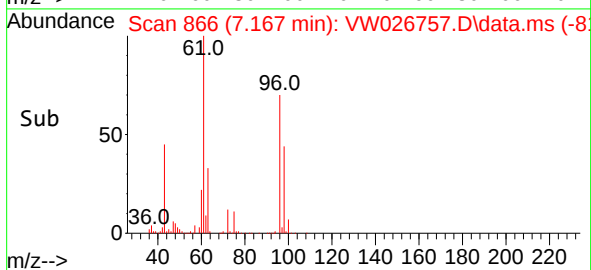
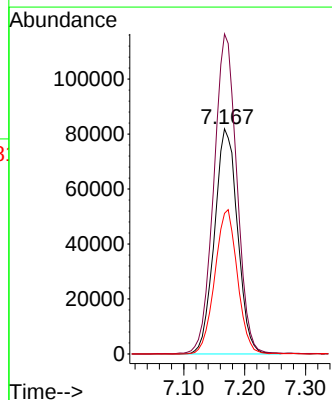
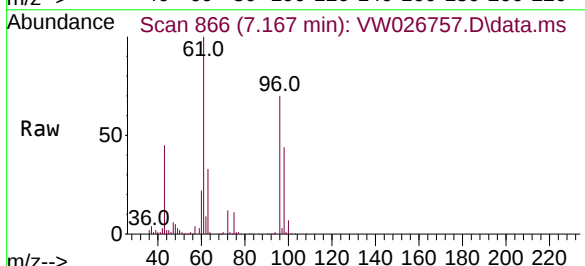
Tgt Ion: 96 Resp: 216108

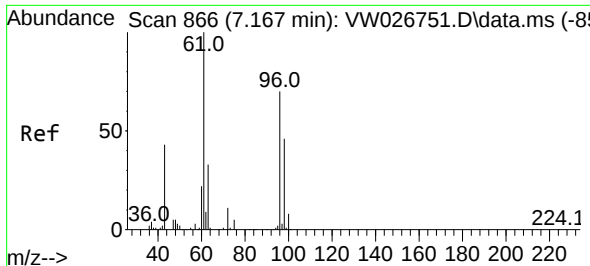
Ion Ratio Lower Upper

96 100

61 142.1 101.2 188.0

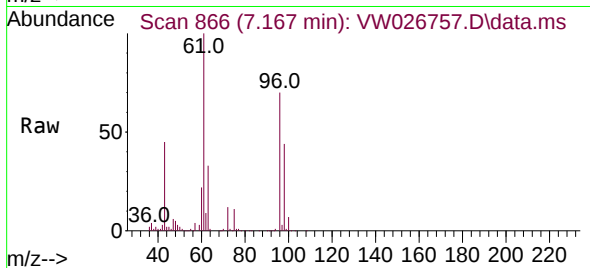
98 62.5 43.8 81.3



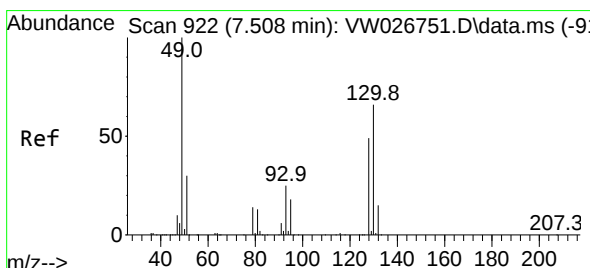
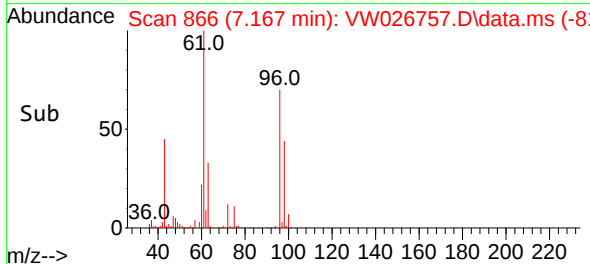
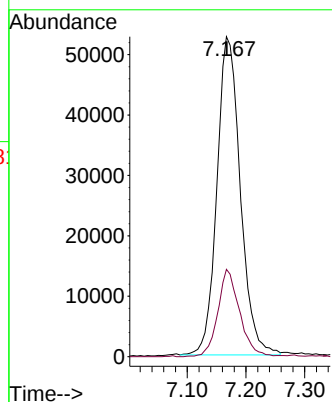


#22
2-Butanone
Concen: 46.280 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Instrument :
MSVOA_W
ClientSampleId :

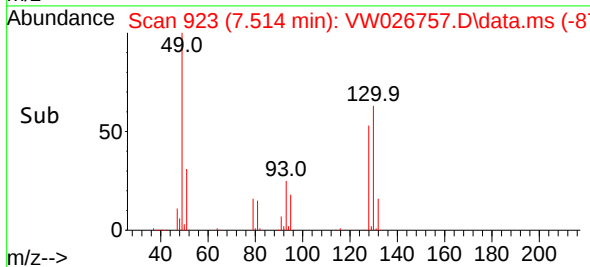
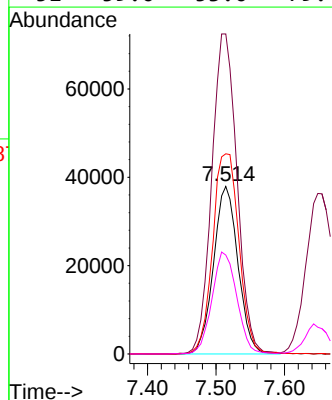
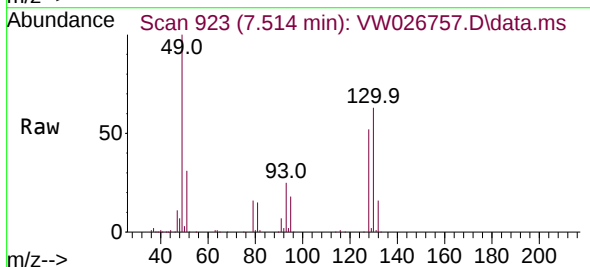


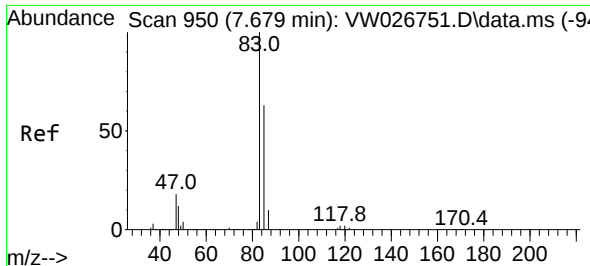
Tgt Ion: 43 Resp: 146034
Ion Ratio Lower Upper
43 100
72 25.4 11.8 35.4



#23
Bromochloromethane
Concen: 26.958 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

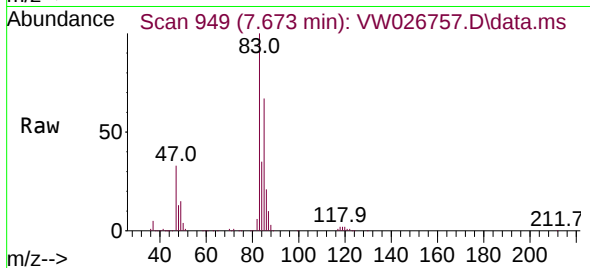
Tgt Ion: 128 Resp: 94094
Ion Ratio Lower Upper
128 100
49 191.0 143.1 265.7
130 119.4 91.8 170.4
51 59.0 53.0 79.4



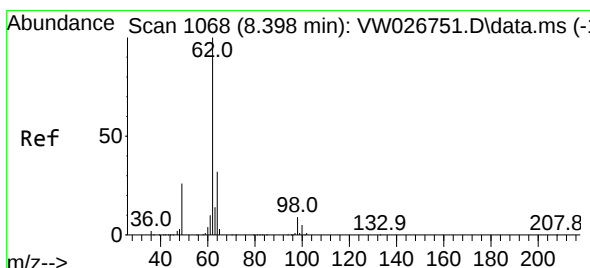
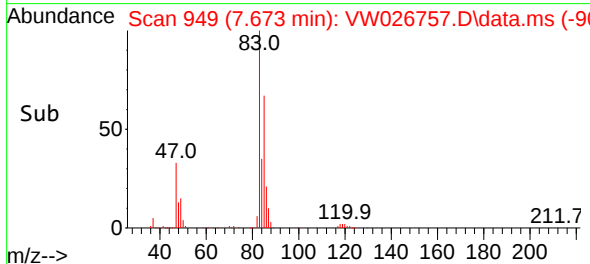
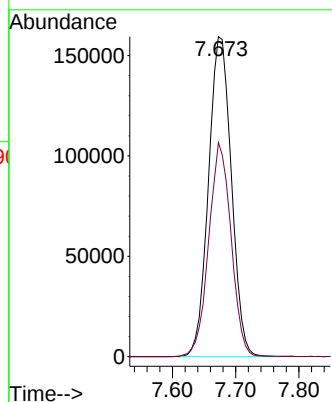


#25
Chloroform
Concen: 26.773 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Instrument :
MSVOA_W
ClientSampleId :

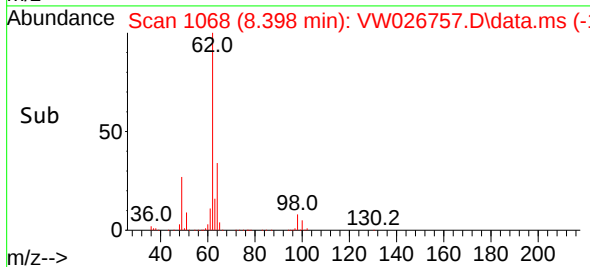
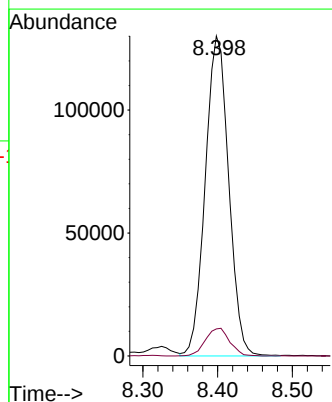
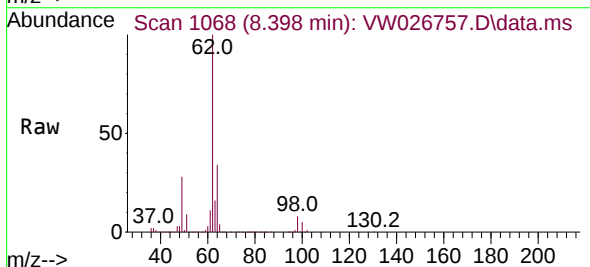


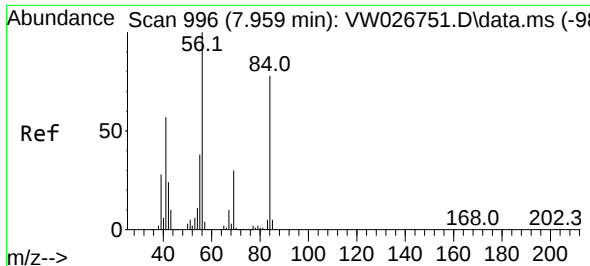
Tgt Ion: 83 Resp: 400189
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.190 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

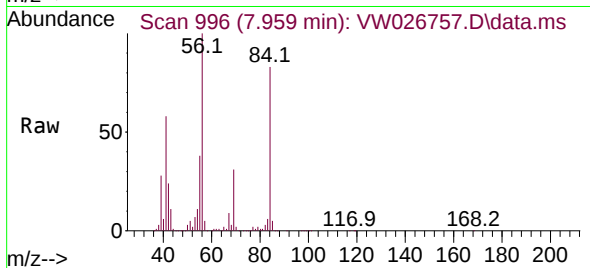
Tgt Ion: 62 Resp: 283522
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7



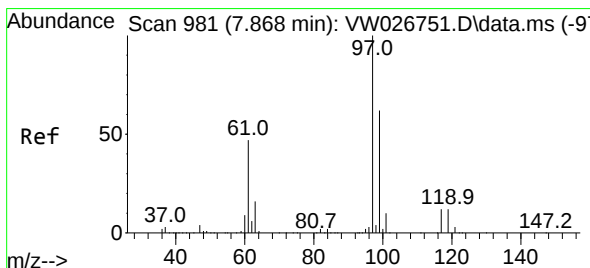
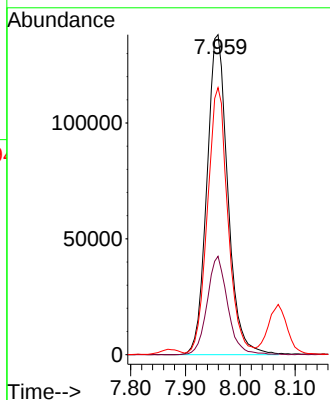
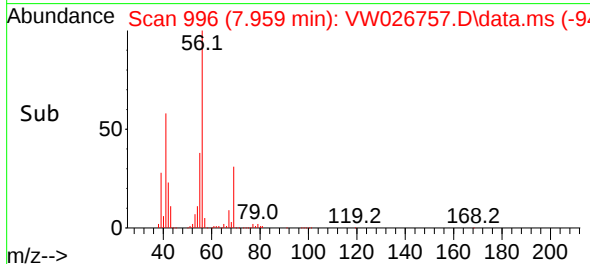


#29
Cyclohexane
Concen: 25.218 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Instrument :
MSVOA_W
ClientSampleId :

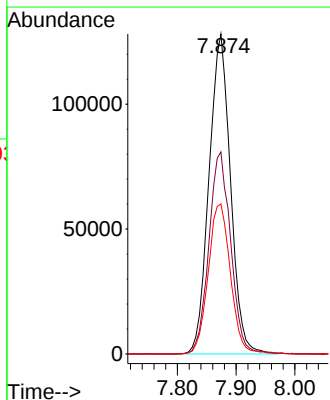
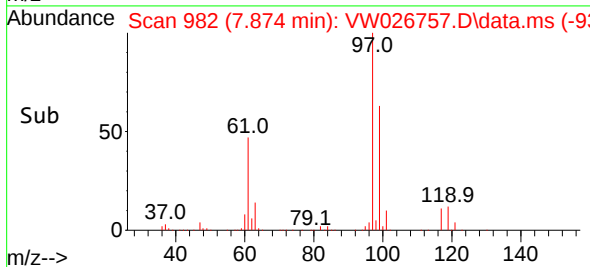
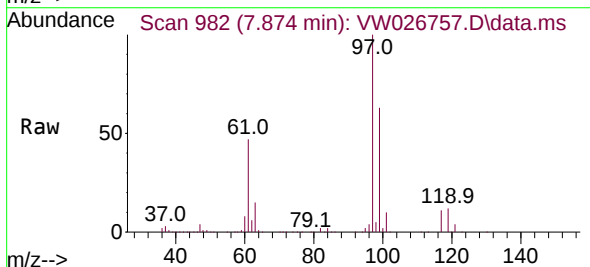


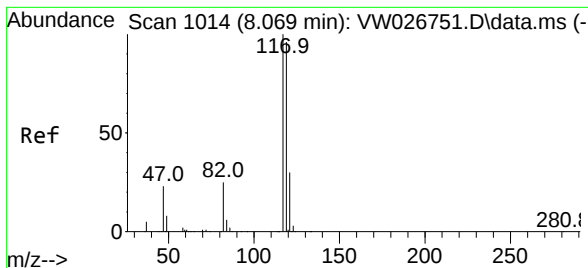
Tgt Ion: 56 Resp: 366356
Ion Ratio Lower Upper
56 100
69 30.0 23.2 34.8
84 81.5 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 26.564 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 97 Resp: 325685
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 48.6 39.2 58.8





#31

Carbon tetrachloride

Concen: 26.819 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

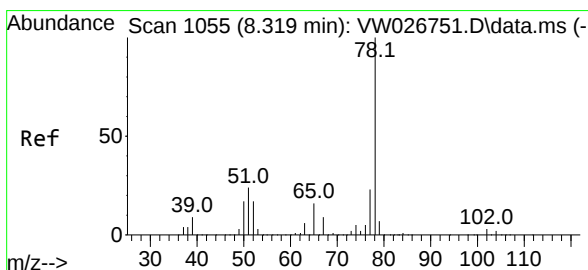
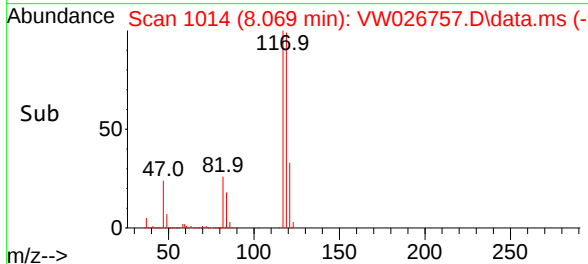
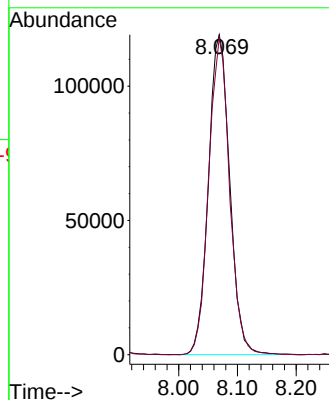
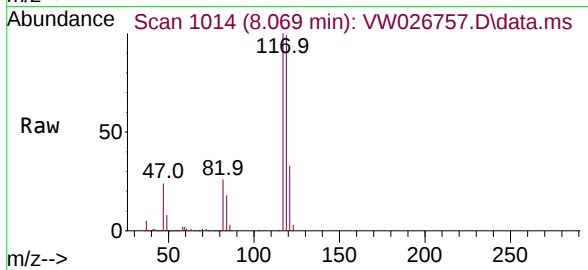
ClientSampleId :

Tgt Ion:117 Resp: 300643

Ion Ratio Lower Upper

117 100

119 97.1 73.0 109.4



#33

Benzene

Concen: 25.842 ug/L

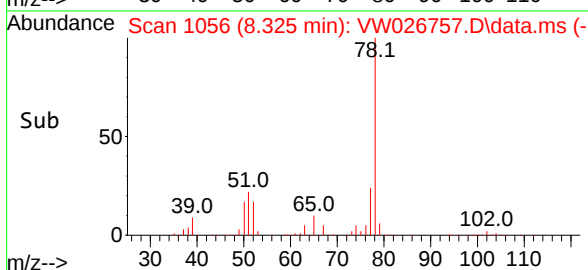
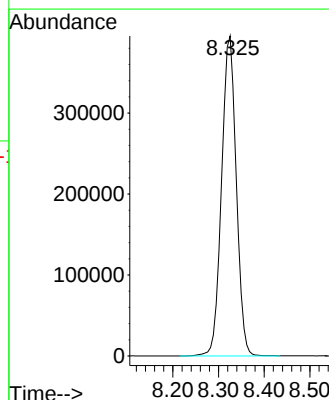
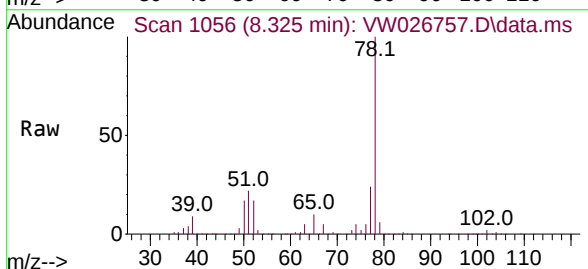
RT: 8.325 min Scan# 1056

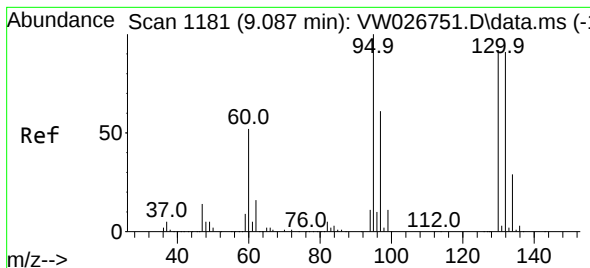
Delta R.T. 0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Tgt Ion: 78 Resp: 884048





#34

Trichloroethene

Concen: 25.466 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 221882

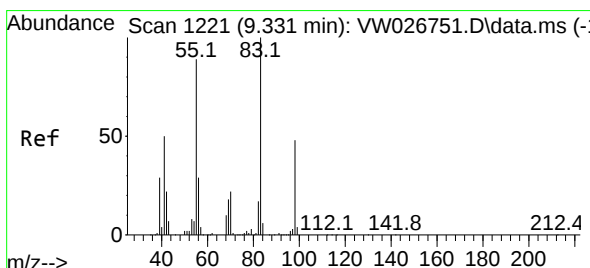
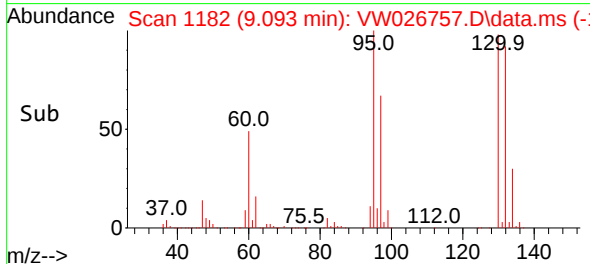
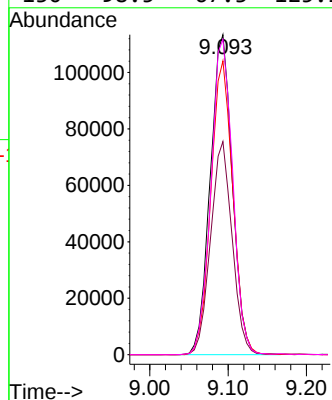
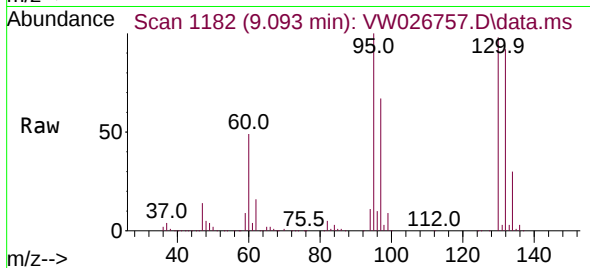
Ion Ratio Lower Upper

95 100

97 66.6 44.6 82.8

132 91.8 66.4 123.2

130 98.5 67.3 125.1



#35

Methylcyclohexane

Concen: 27.080 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

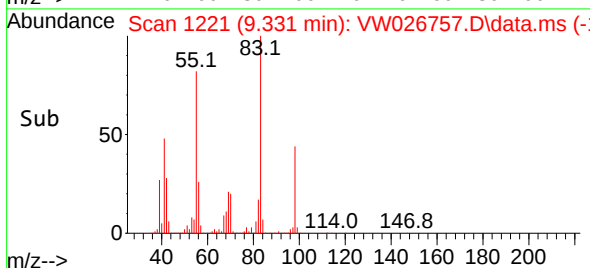
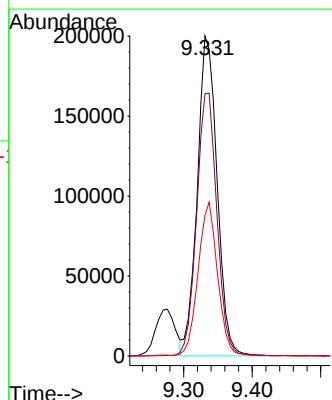
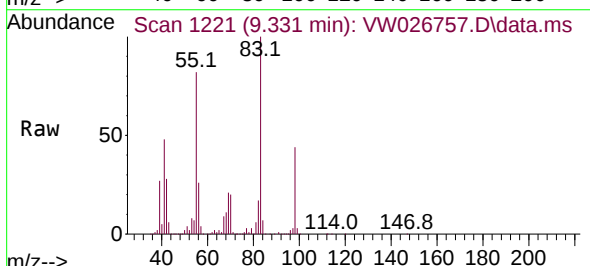
Tgt Ion: 83 Resp: 403640

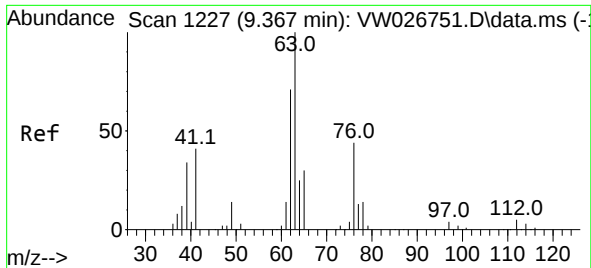
Ion Ratio Lower Upper

83 100

55 84.2 69.3 103.9

98 47.3 37.4 56.0





#37

1,2-Dichloropropane

Concen: 25.320 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

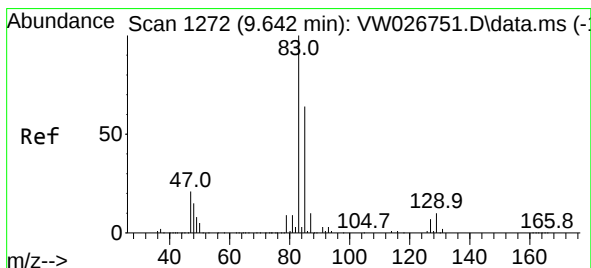
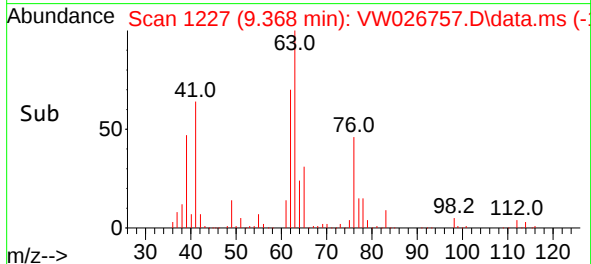
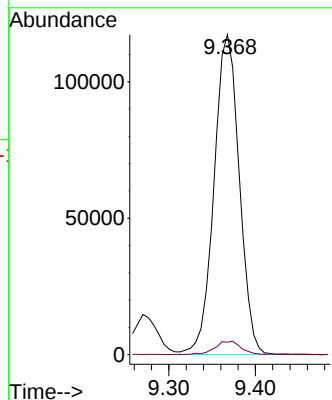
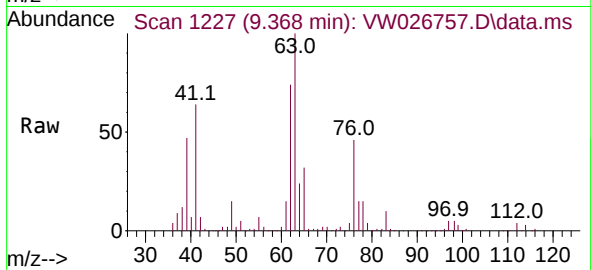
ClientSampleId :

Tgt Ion: 63 Resp: 237258

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 26.095 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

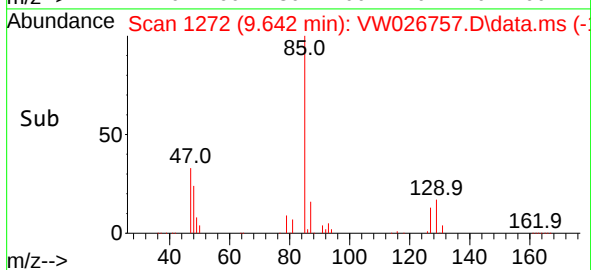
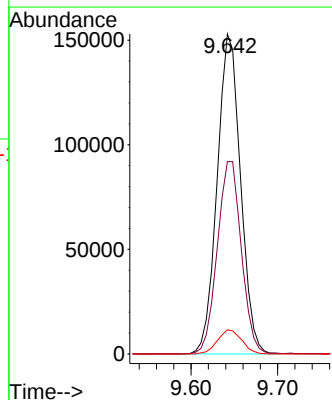
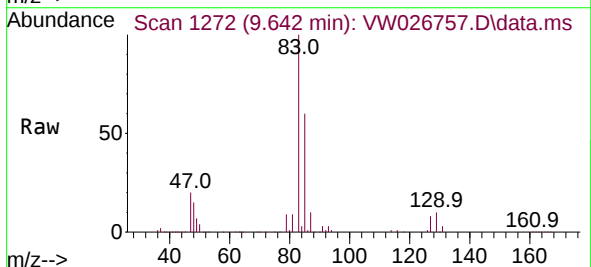
Tgt Ion: 83 Resp: 286852

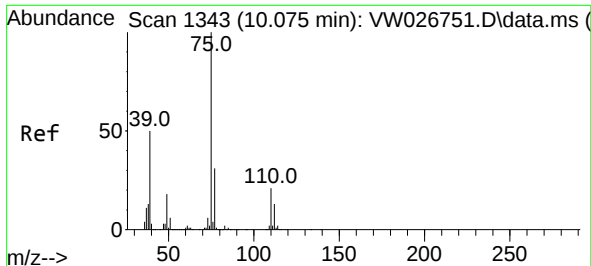
Ion Ratio Lower Upper

83 100

85 60.1 45.4 84.2

127 7.5 6.2 9.2

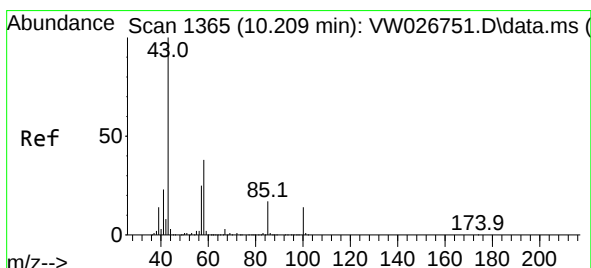
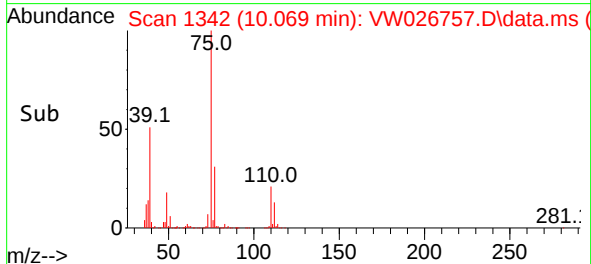
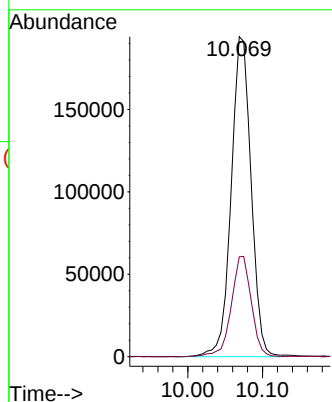
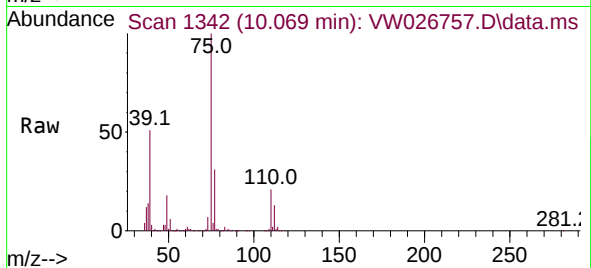




#39
cis-1,3-Dichloropropene
Concen: 26.662 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

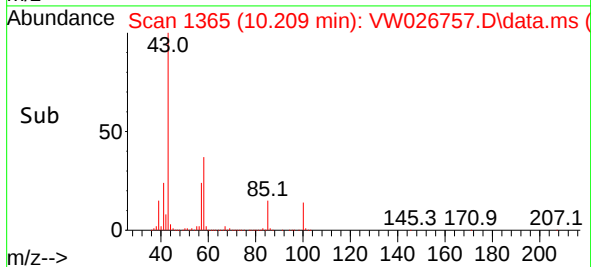
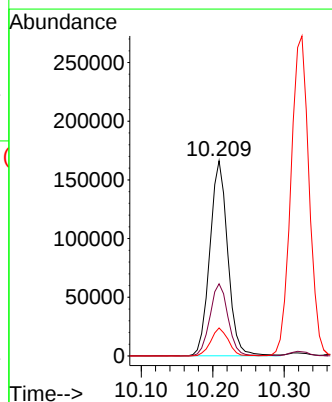
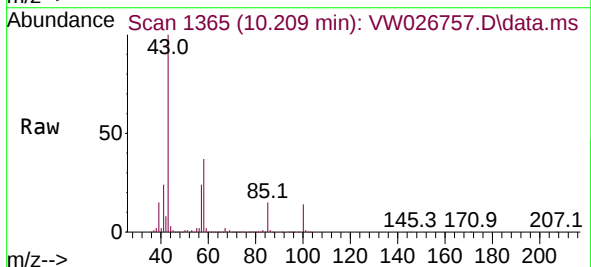
Instrument :
MSVOA_W
ClientSampleId :

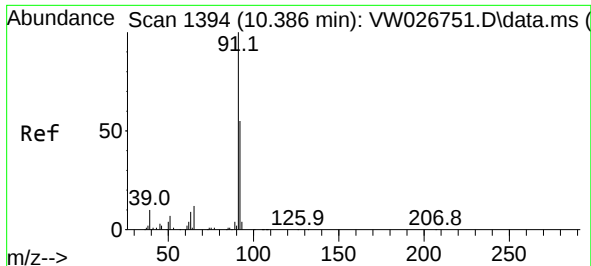
Tgt Ion: 75 Resp: 359406
Ion Ratio Lower Upper
75 100
77 31.2 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 47.469 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 43 Resp: 289334
Ion Ratio Lower Upper
43 100
58 37.6 29.2 43.8
100 14.0 10.7 16.1

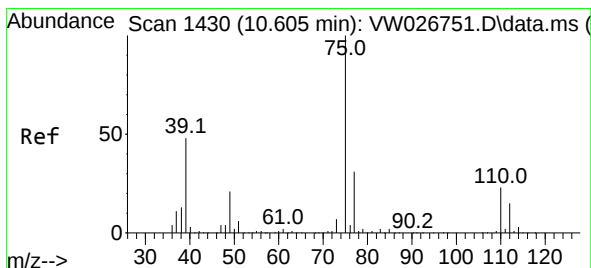
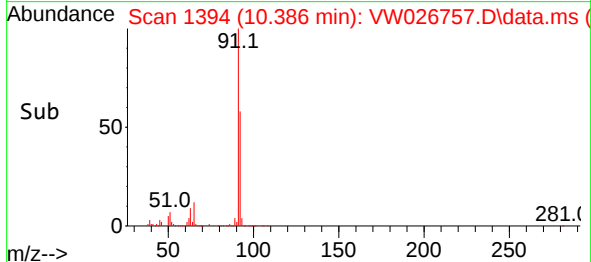
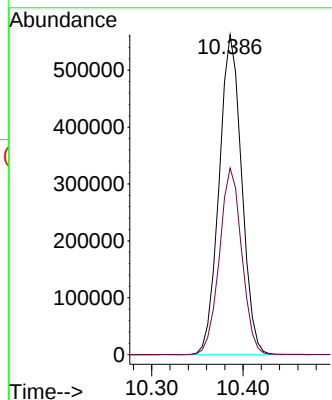
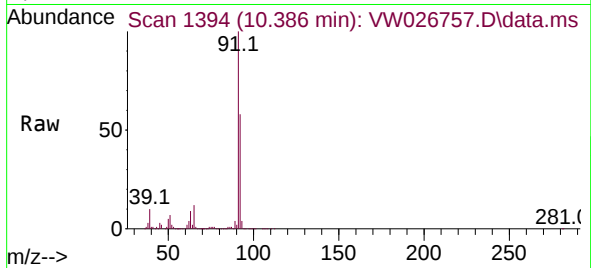




#42
Toluene
Concen: 27.902 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

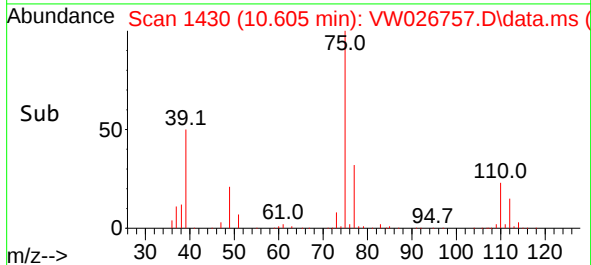
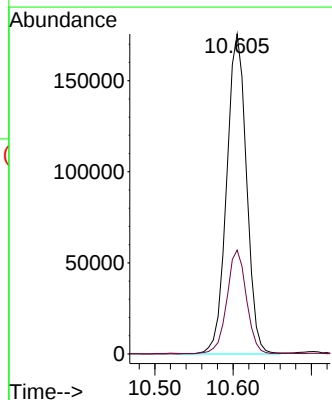
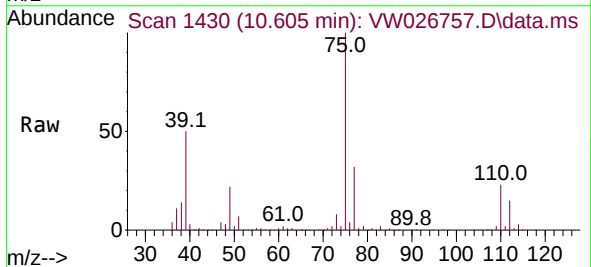
Instrument :
MSVOA_W
ClientSampleId :

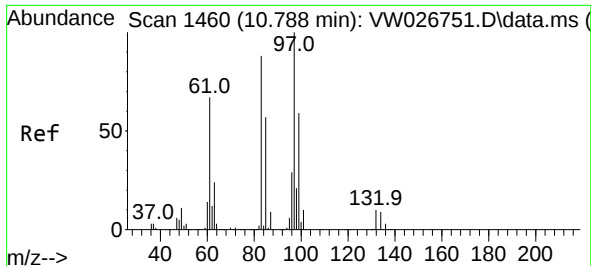
Tgt Ion: 91 Resp: 965588
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.639 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 75 Resp: 309081
Ion Ratio Lower Upper
75 100
77 32.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 25.908 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 166032

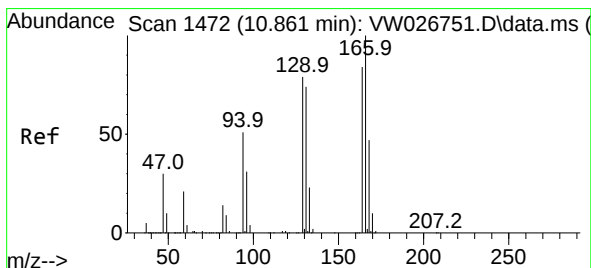
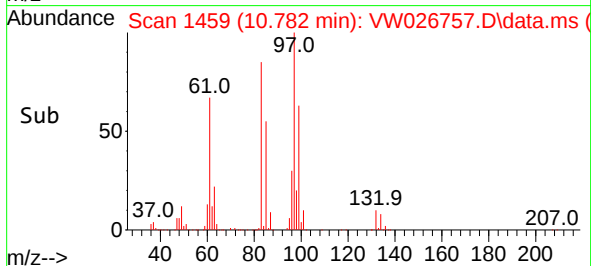
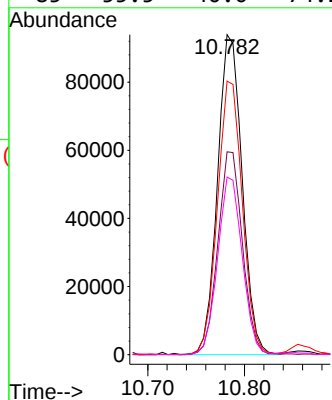
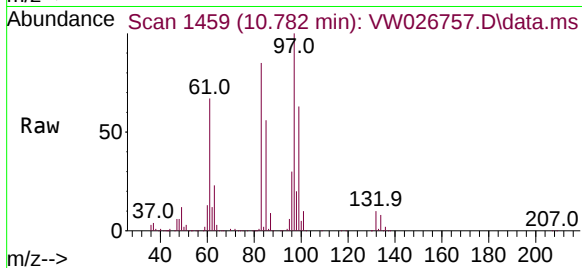
Ion Ratio Lower Upper

97 100

99 63.4 44.2 82.0

83 85.5 61.9 114.9

85 55.5 40.0 74.2



#46

Tetrachloroethene

Concen: 26.760 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Tgt Ion:164 Resp: 169390

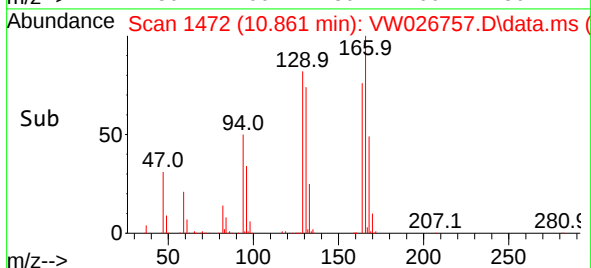
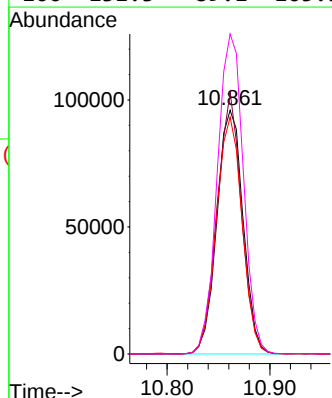
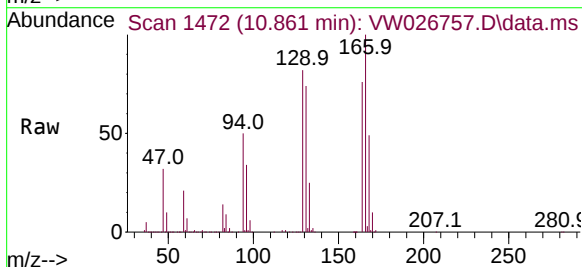
Ion Ratio Lower Upper

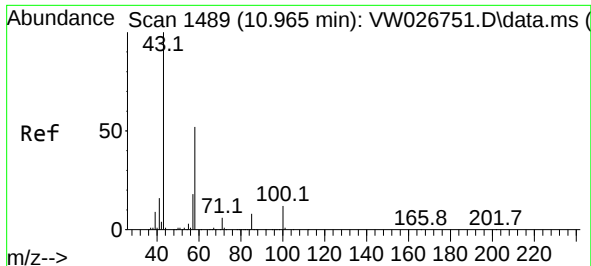
164 100

129 107.4 68.1 126.5

131 97.2 65.5 121.7

166 131.3 89.1 165.5

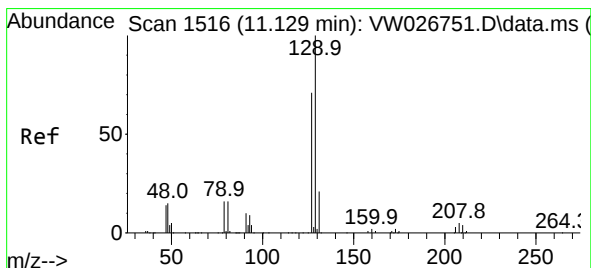
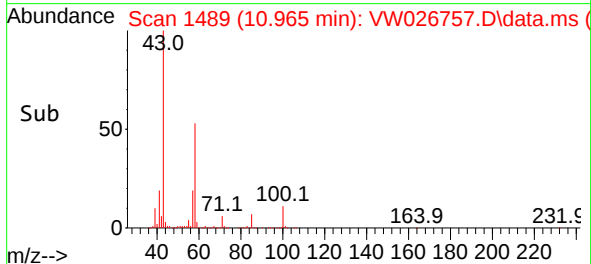
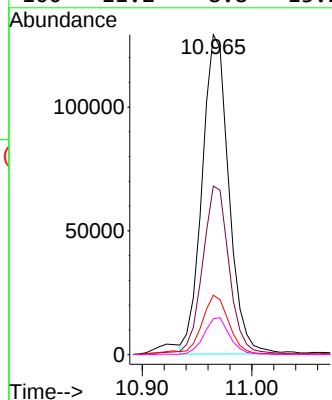
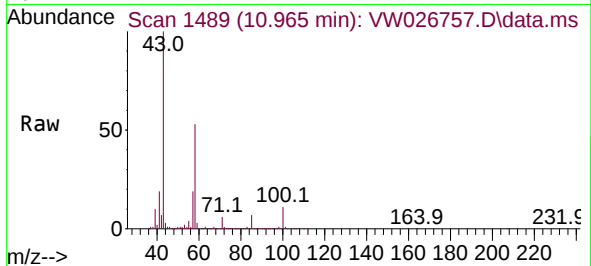




#48
2-Hexanone
Concen: 52.712 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

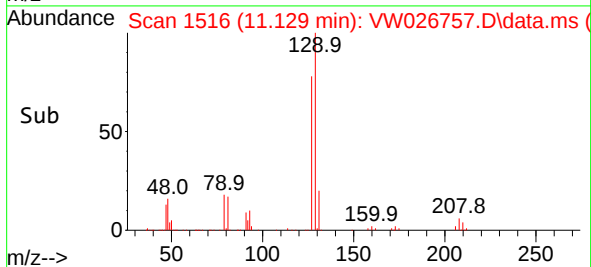
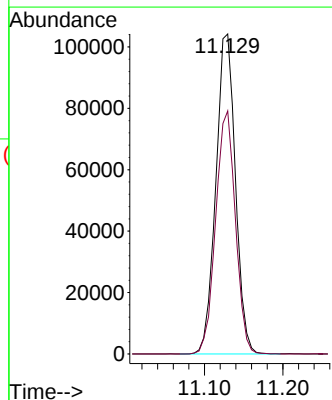
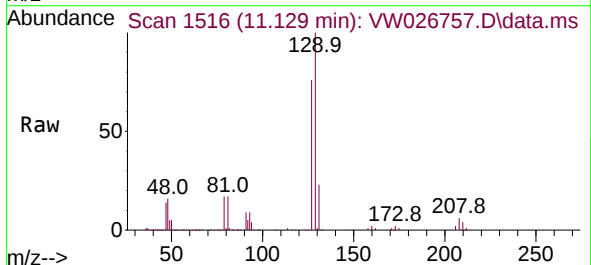
Instrument :
MSVOA_W
ClientSampleId :

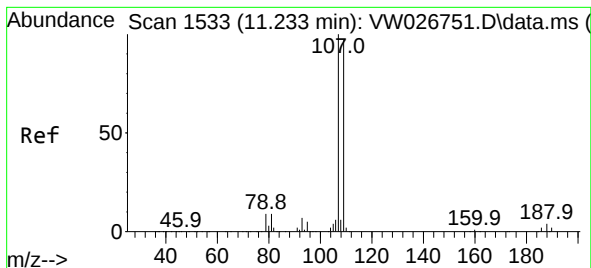
Tgt Ion: 43 Resp: 218619
Ion Ratio Lower Upper
43 100
58 51.7 41.1 61.7
57 18.8 14.3 21.5
100 11.2 8.8 13.2



#49
Dibromochloromethane
Concen: 27.029 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 129 Resp: 181166
Ion Ratio Lower Upper
129 100
127 76.0 56.6 105.2

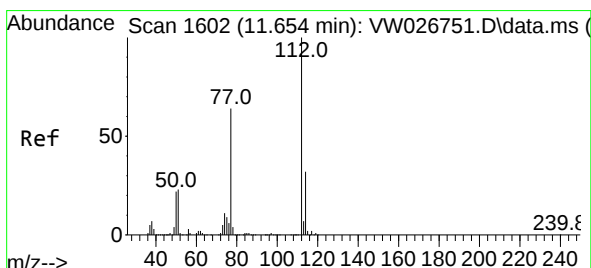
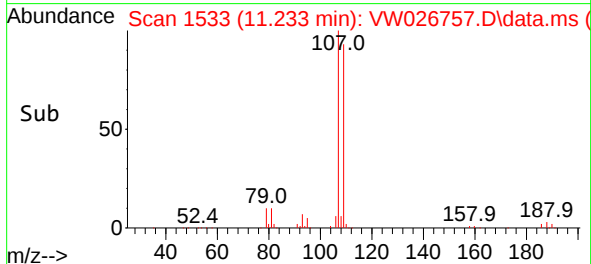
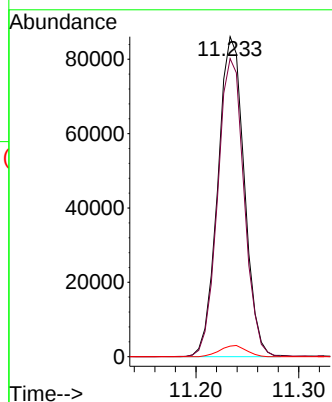
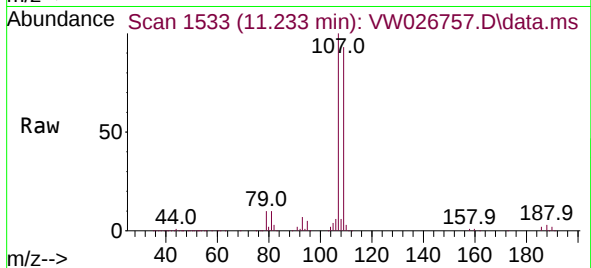




#50
1,2-Dibromoethane
Concen: 25.540 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

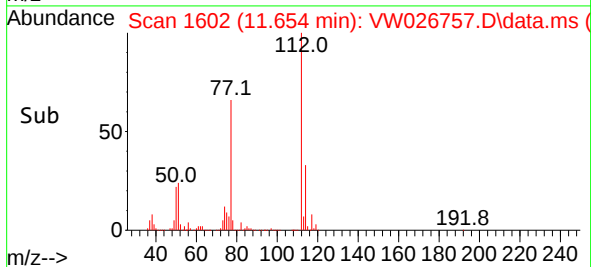
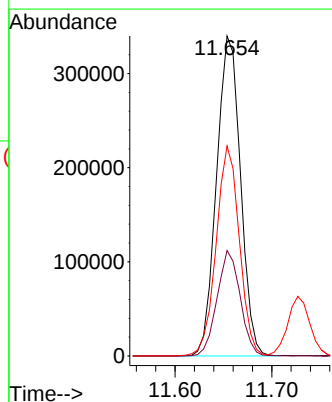
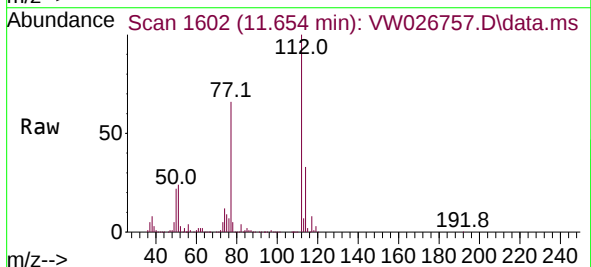
Instrument :
MSVOA_W
ClientSampleId :

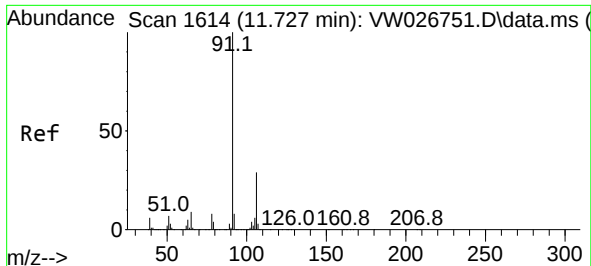
Tgt Ion:107 Resp: 153573
Ion Ratio Lower Upper
107 100
109 93.1 68.8 127.8
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 26.723 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion:112 Resp: 584160
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 65.6 50.2 75.2

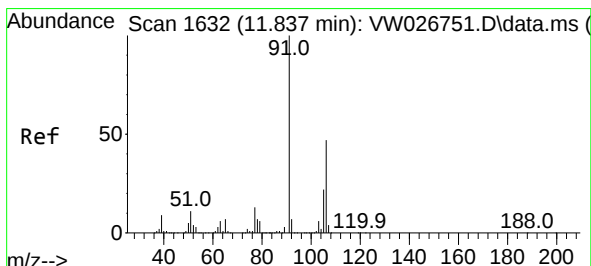
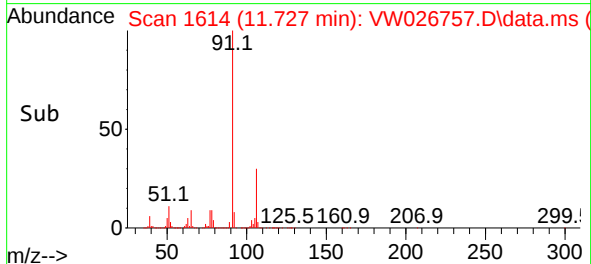
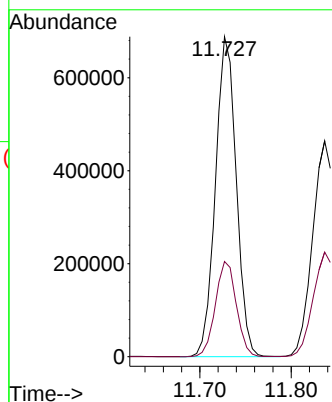
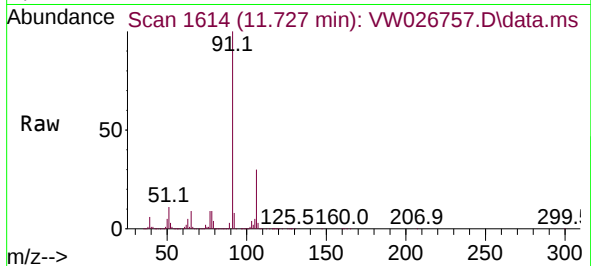




#52
Ethylbenzene
Concen: 28.055 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

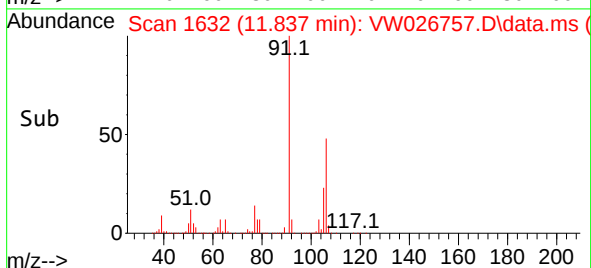
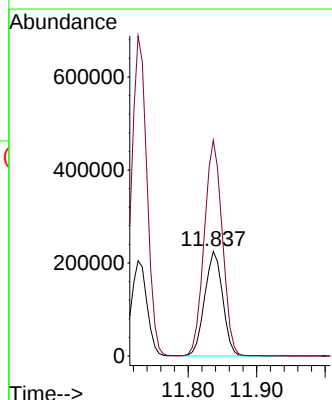
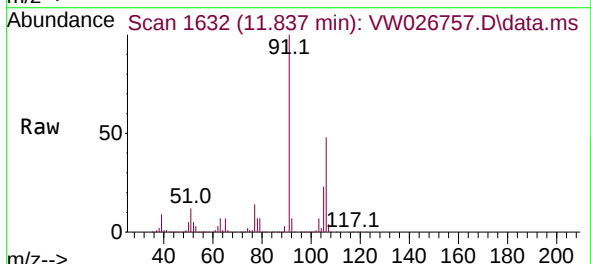
Instrument :
MSVOA_W
ClientSampleId :

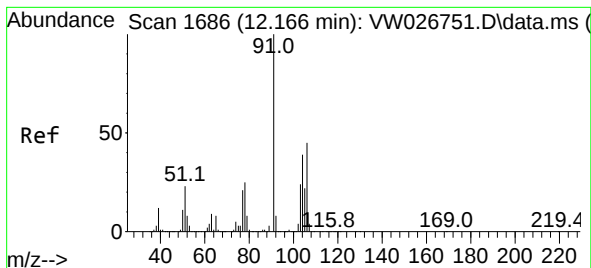
Tgt Ion: 91 Resp: 1088765
Ion Ratio Lower Upper
91 100
106 29.7 20.2 37.6



#53
m,p-Xylene
Concen: 28.589 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion: 106 Resp: 411021
Ion Ratio Lower Upper
106 100
91 206.2 152.9 284.1

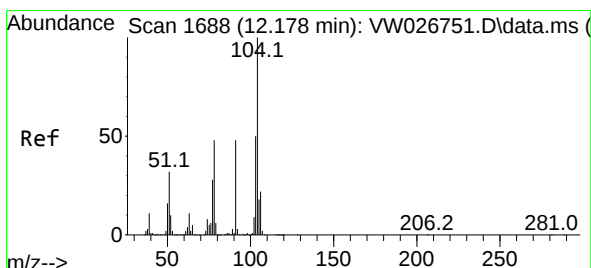
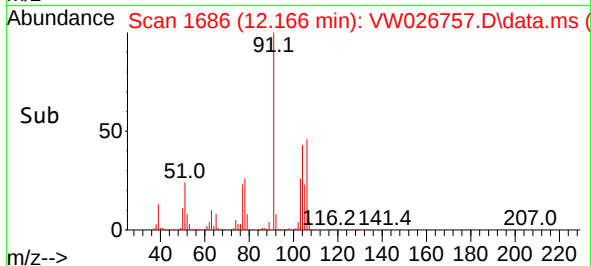
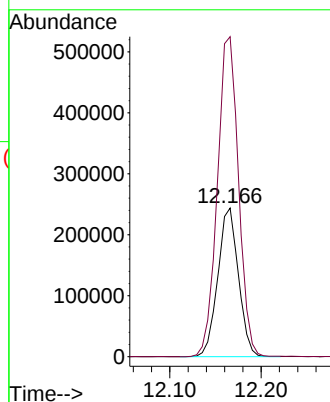
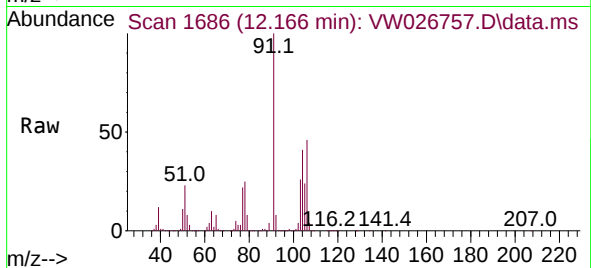




#54
o-Xylene
Concen: 28.527 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

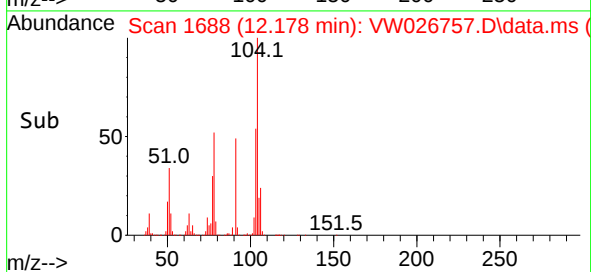
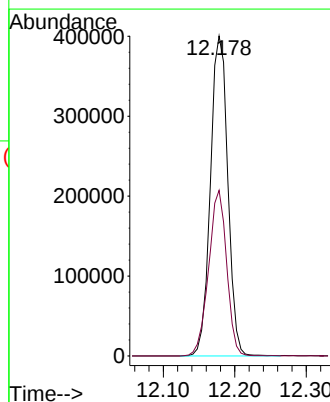
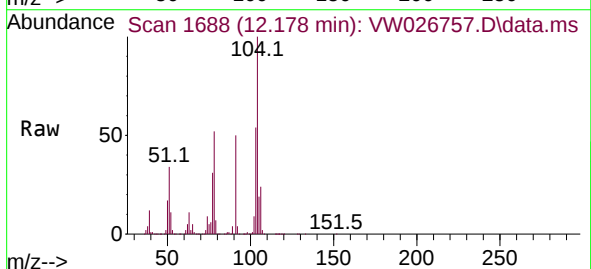
Instrument :
MSVOA_W
ClientSampleId :

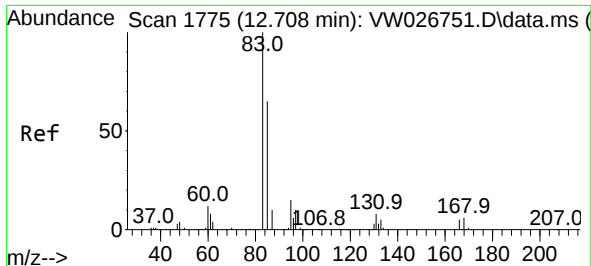
Tgt Ion:106 Resp: 382771
Ion Ratio Lower Upper
106 100
91 215.3 149.9 278.3



#55
Styrene
Concen: 29.002 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

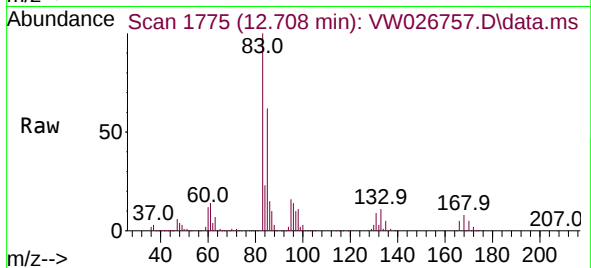
Tgt Ion:104 Resp: 676619
Ion Ratio Lower Upper
104 100
78 51.7 33.0 61.2



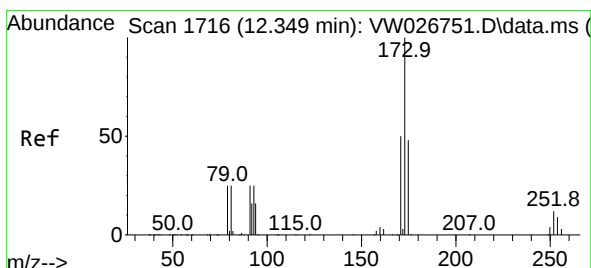
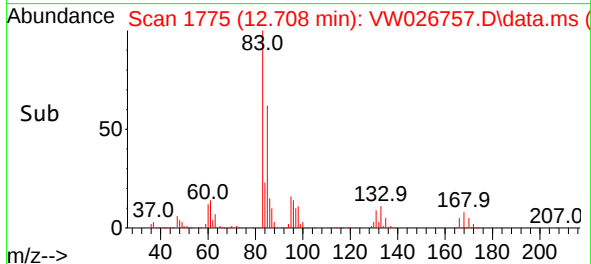
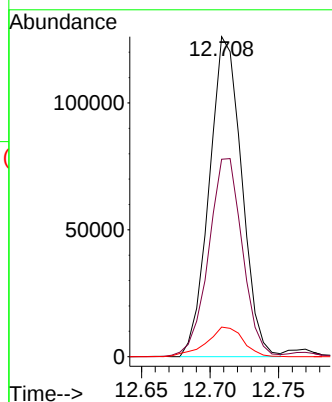


#57
1,1,2-Tetrachloroethane
Concen: 25.601 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Instrument :
MSVOA_W
ClientSampleId :

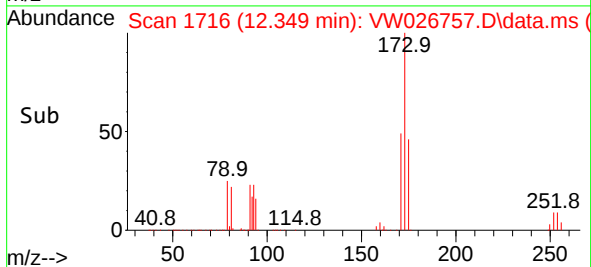
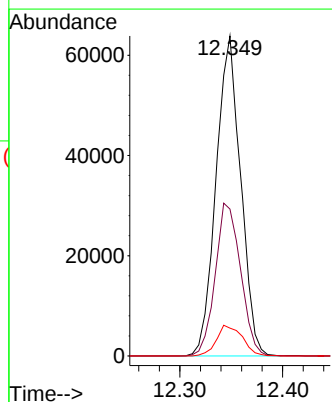
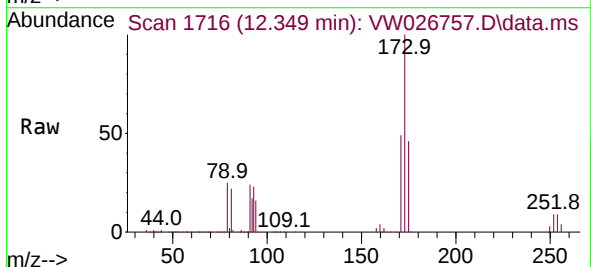


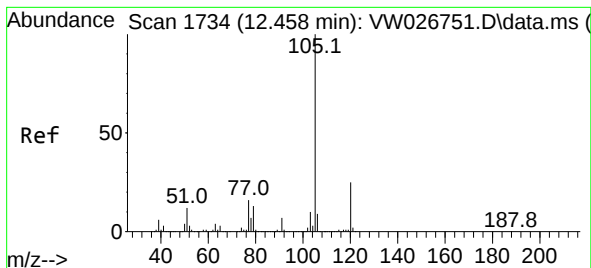
Tgt Ion: 83 Resp: 207784
Ion Ratio Lower Upper
83 100
85 61.7 44.9 83.3
131 9.3 7.4 11.0



#59
Bromoform
Concen: 25.042 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026757.D
Acq: 17 Aug 2023 09:01

Tgt Ion:173 Resp: 106073
Ion Ratio Lower Upper
173 100
175 49.1 36.6 55.0
254 10.1 7.8 11.6





#60

Isopropylbenzene

Concen: 27.037 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

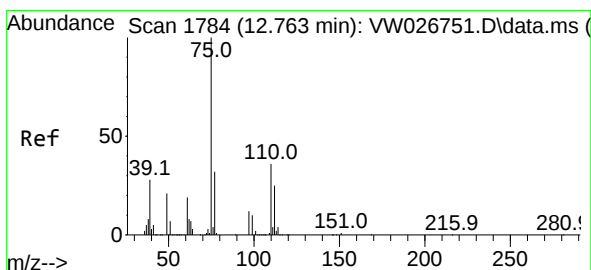
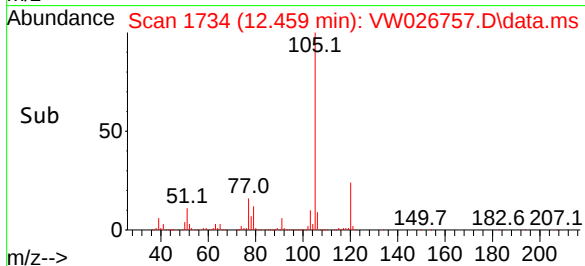
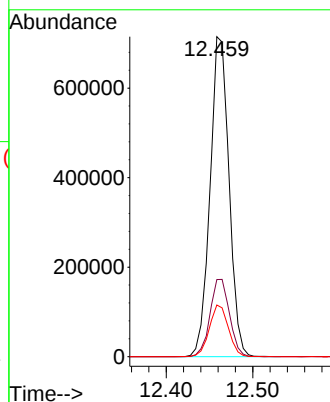
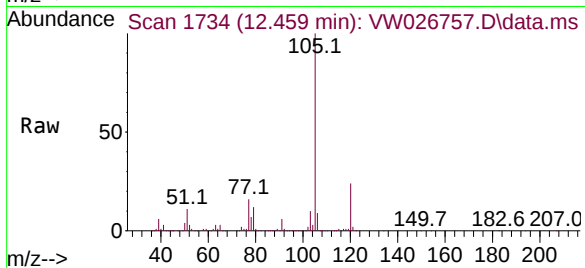
Tgt Ion:105 Resp: 1086906

Ion Ratio Lower Upper

105 100

120 24.9 21.0 31.6

77 16.3 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.264 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

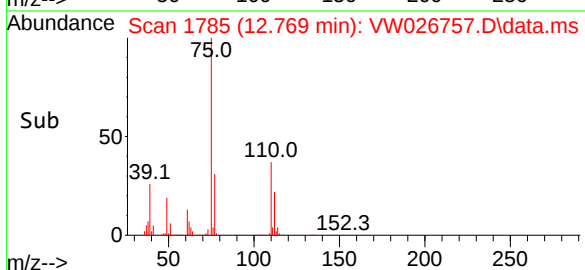
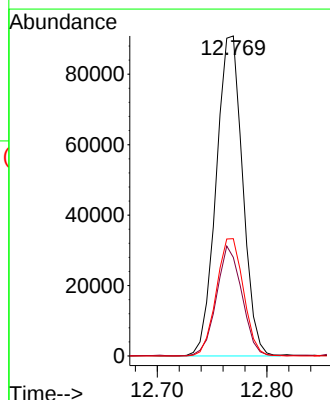
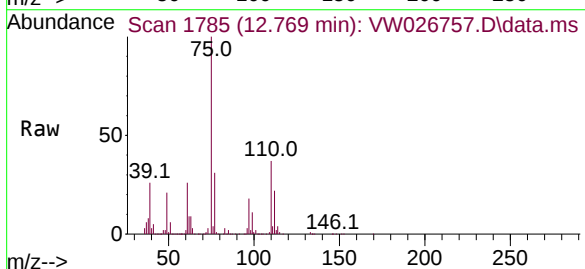
Tgt Ion: 75 Resp: 152589

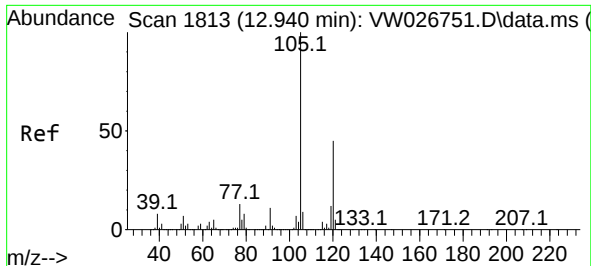
Ion Ratio Lower Upper

75 100

77 33.0 26.1 39.1

110 37.4 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 27.950 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

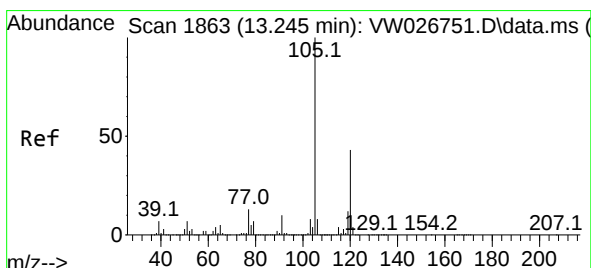
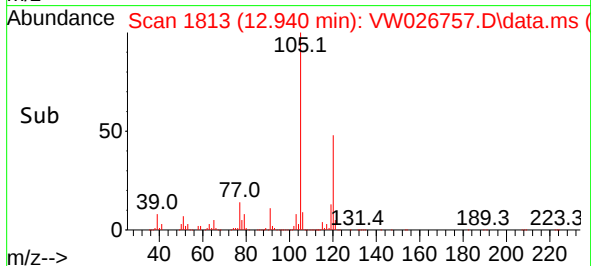
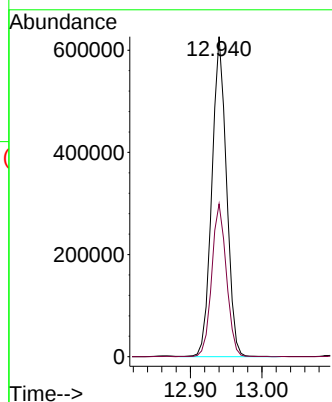
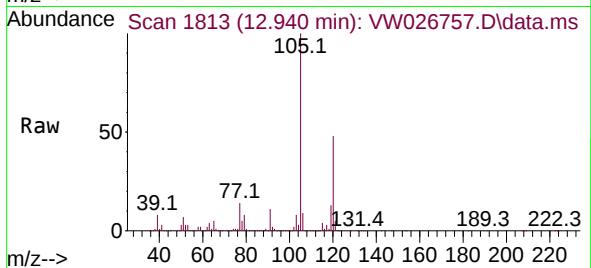
ClientSampleId :

Tgt Ion:105 Resp: 888109

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 28.212 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026757.D

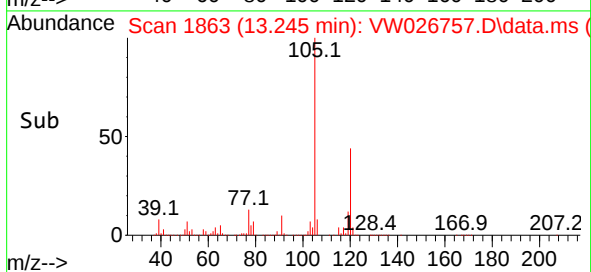
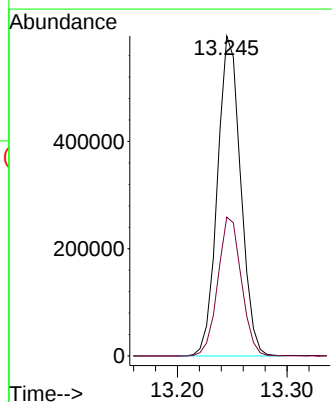
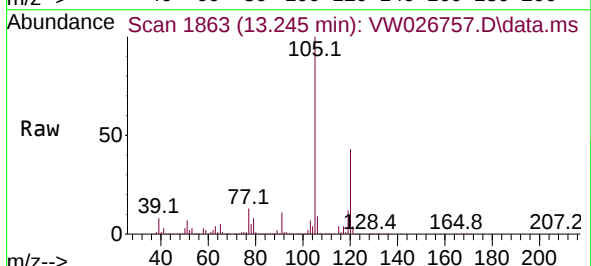
Acq: 17 Aug 2023 09:01

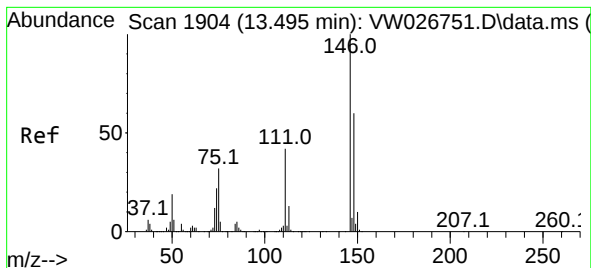
Tgt Ion:105 Resp: 878436

Ion Ratio Lower Upper

105 100

120 43.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.864 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

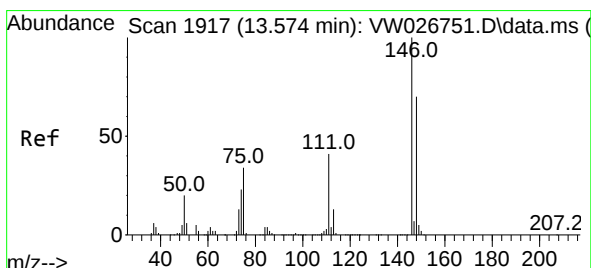
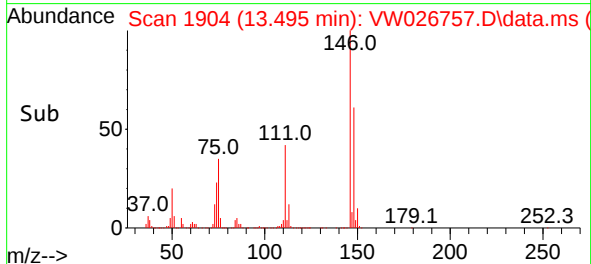
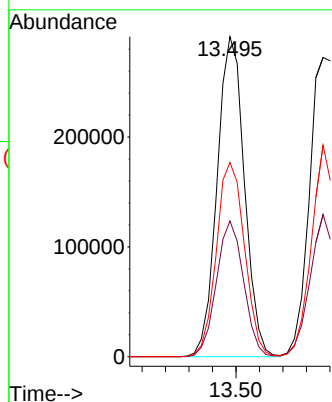
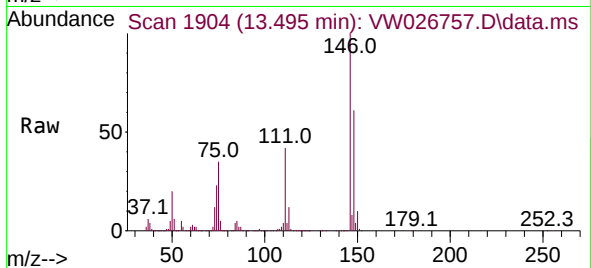
Tgt Ion:146 Resp: 469674

Ion Ratio Lower Upper

146 100

111 42.4 29.1 54.1

148 60.7 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 26.055 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

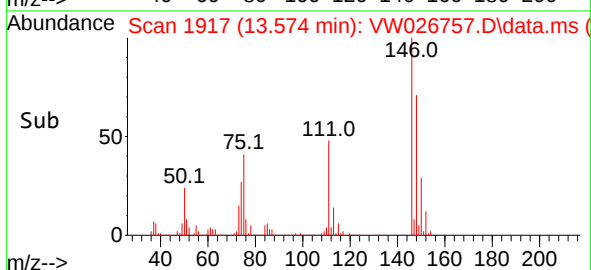
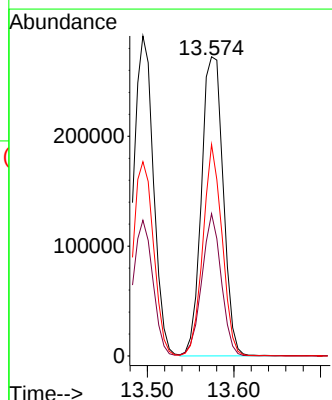
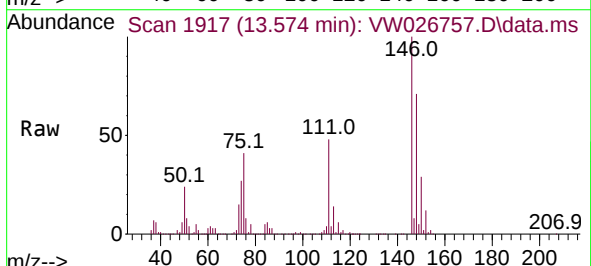
Tgt Ion:146 Resp: 475390

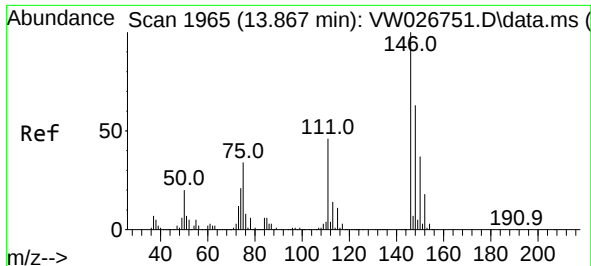
Ion Ratio Lower Upper

146 100

111 47.5 28.3 52.7

148 70.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 26.968 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

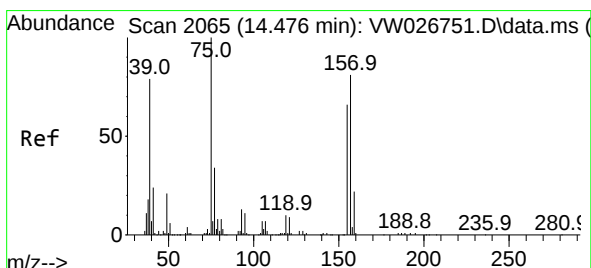
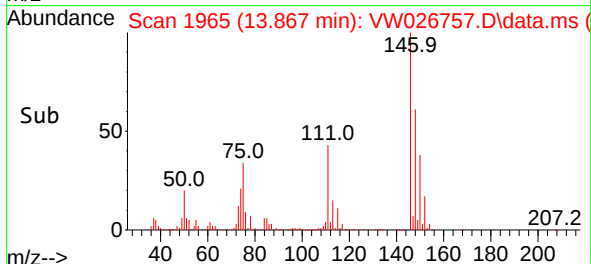
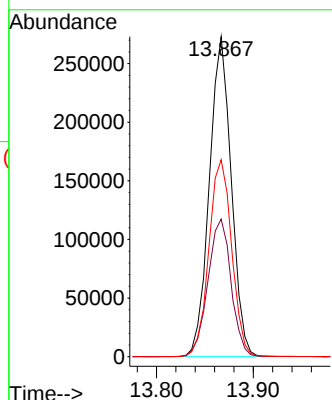
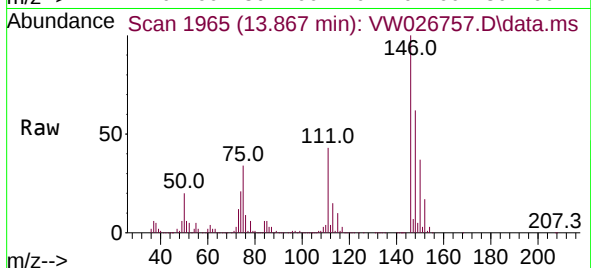
Tgt Ion:146 Resp: 428749

Ion Ratio Lower Upper

146 100

111 43.0 34.6 52.0

148 61.5 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.177 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

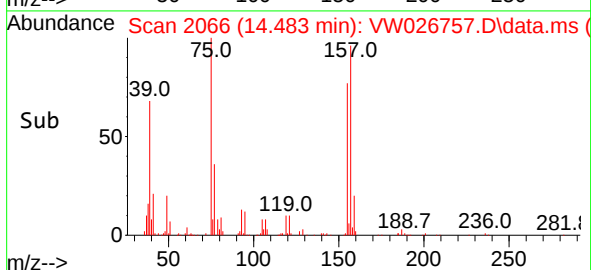
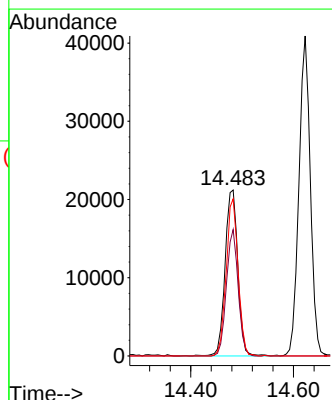
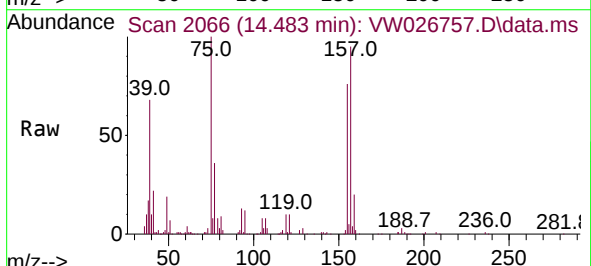
Tgt Ion: 75 Resp: 36648

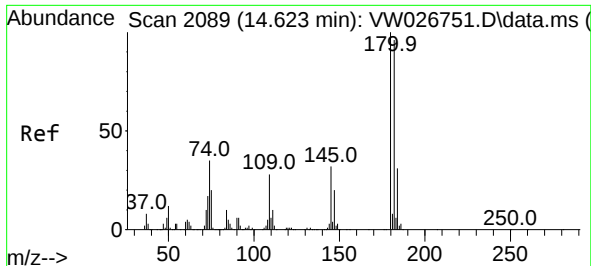
Ion Ratio Lower Upper

75 100

155 76.1 55.0 82.6

157 94.6 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 26.579 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 313948

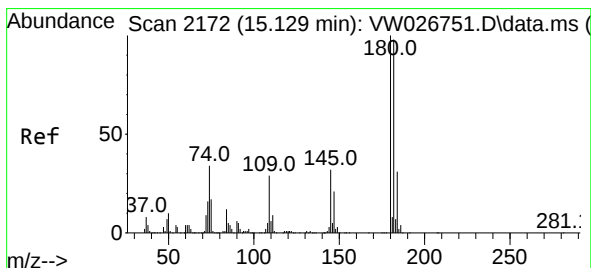
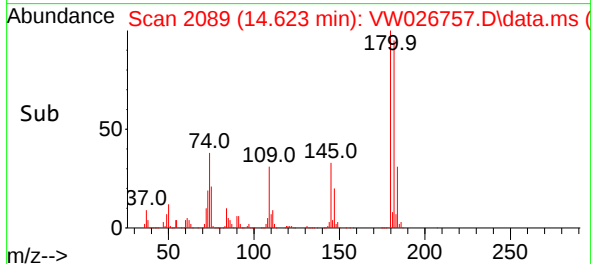
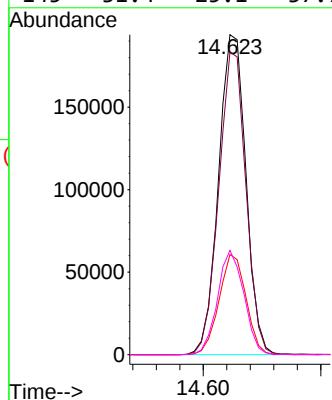
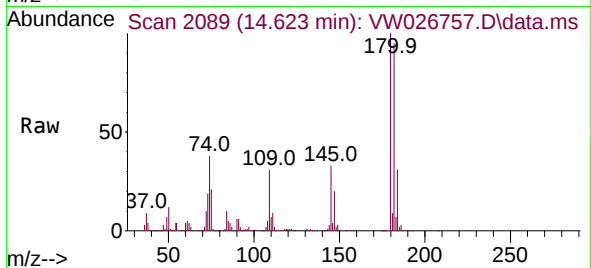
Ion Ratio Lower Upper

180 100

182 93.7 75.2 112.8

184 30.8 23.8 35.8

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 24.924 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

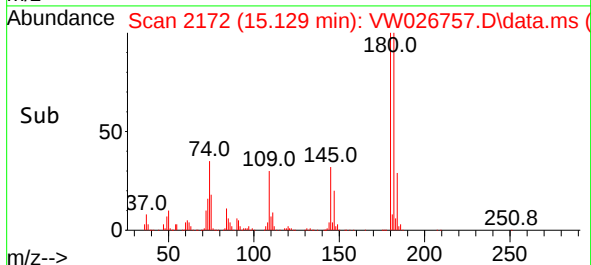
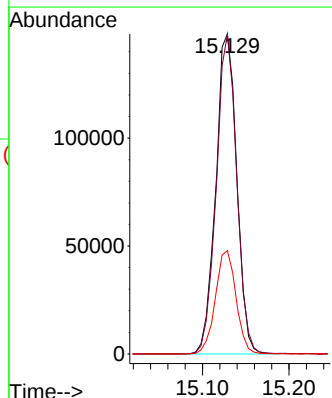
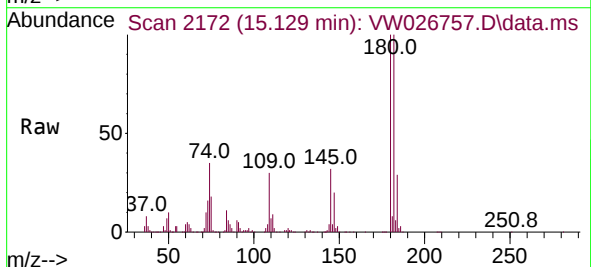
Tgt Ion:180 Resp: 249608

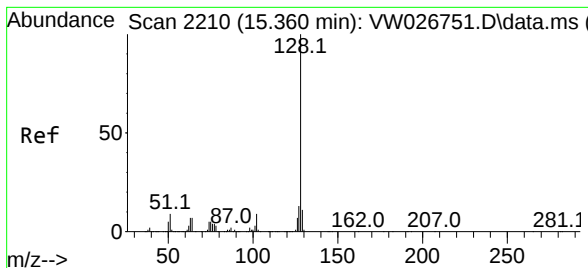
Ion Ratio Lower Upper

180 100

182 96.7 72.5 108.7

145 31.8 24.7 37.1





#71

Naphthalene

Concen: 25.566 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Instrument :

MSVOA_W

ClientSampleId :

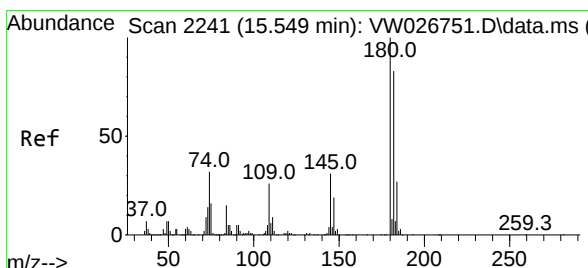
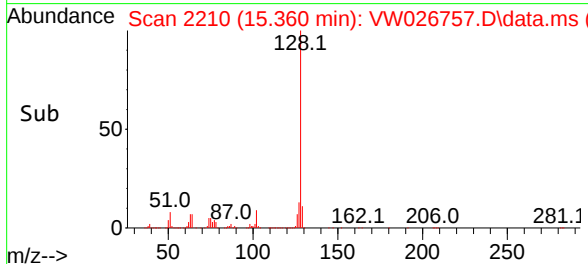
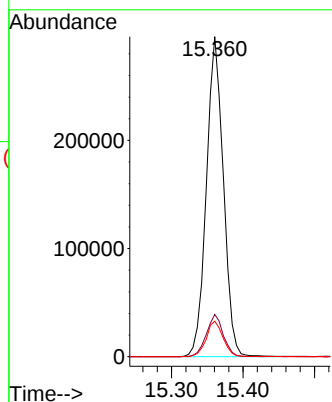
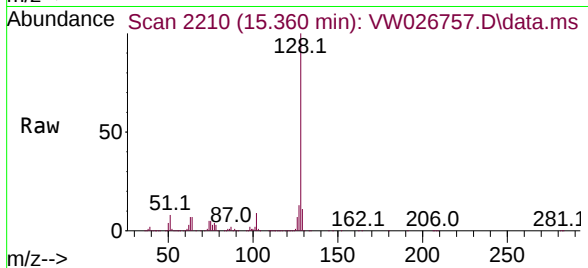
Tgt Ion:128 Resp: 488389

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.759 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW026757.D

Acq: 17 Aug 2023 09:01

Tgt Ion:180 Resp: 232679

Ion Ratio Lower Upper

180 100

182 91.0 74.6 112.0

145 34.4 27.0 40.6

