

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102824\
 Data File : VW030781.D
 Acq On : 28 Oct 2024 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 01:25:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 23:19:25 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	248639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116940	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105246	26.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.720%	
7) Chloroethane-d5	2.899	69	89949	30.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.600%	
11) 1,1-Dichloroethene-d2	4.021	65	43860	26.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.920%	
21) 2-Butanone-d5	7.081	46	34692	49.325	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.660%	
24) Chloroform-d	7.648	84	207148	29.132	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.520%	
26) 1,2-Dichloroethane-d4	8.301	65	103622	28.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.080%	
32) Benzene-d6	8.270	84	394659	29.782	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 119.120%	
36) 1,2-Dichloropropane-d6	9.270	67	111983	28.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.160%	
41) Toluene-d8	10.319	98	363734	30.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 120.280%	
43) trans-1,3-Dichloroprop...	10.575	79	44203	27.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.560%	
47) 2-Hexanone-d5	10.922	63	28140	56.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.340%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80221	28.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.320%	
66) 1,2-Dichlorobenzene-d4	13.849	152	108793	27.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.000%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	57430	18.079	ug/L	93
3) Chloromethane	2.223	50	79443	21.517	ug/L	100
5) Vinyl chloride	2.375	62	103660	22.830	ug/L	98
6) Bromomethane	2.790	94	71584	23.953	ug/L	94
8) Chloroethane	2.930	64	69379	24.996	ug/L	99
9) Trichlorofluoromethane	3.265	101	91109	22.426	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89378	24.452	ug/L	98
12) 1,1-Dichloroethene	4.045	96	80160	24.030	ug/L	97
13) Acetone	4.131	43	45716	44.397	ug/L	99
14) Carbon disulfide	4.387	76	204145	18.740	ug/L	97
15) Methyl Acetate	4.673	43	30270	23.798	ug/L	96
16) Methylene chloride	4.917	84	87870	23.377	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	87771	24.384	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	123262	24.467	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175912	26.294	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	97799	25.472	ug/L	97
22) 2-Butanone	7.167	43	49410	44.516	ug/L	100
23) Bromochloromethane	7.514	128	41157	24.504	ug/L	95
25) Chloroform	7.673	83	191818	26.830	ug/L	100

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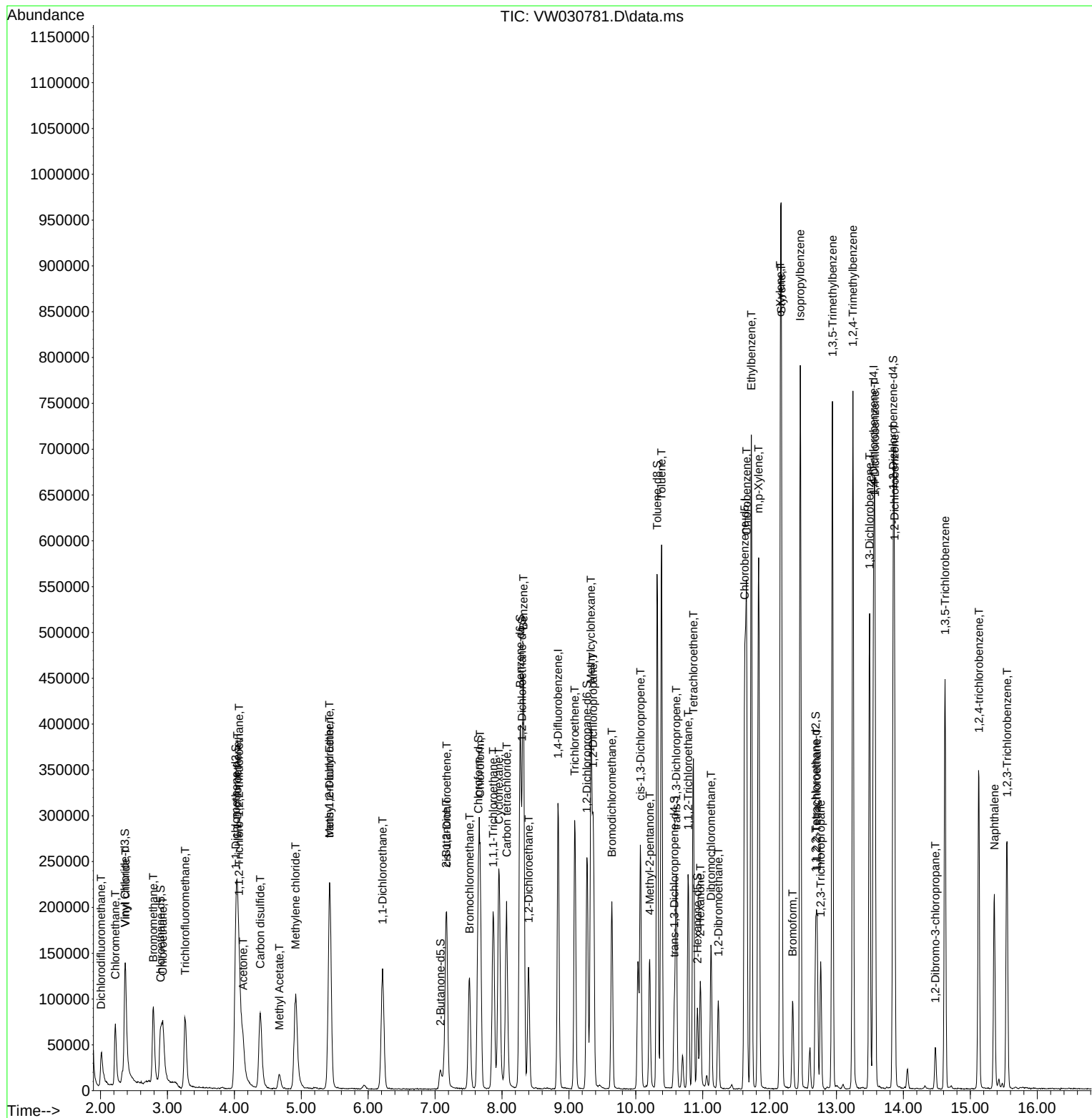
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118022	25.023	ug/L	100
29) Cyclohexane	7.953	56	129936	23.379	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	157398	25.969	ug/L	98
31) Carbon tetrachloride	8.069	117	136232	25.166	ug/L	98
33) Benzene	8.319	78	384332	25.867	ug/L	100
34) Trichloroethene	9.087	95	101132	24.466	ug/L	98
35) Methylcyclohexane	9.331	83	155819	23.953	ug/L	99
37) 1,2-Dichloropropane	9.361	63	98669	26.589	ug/L	100
38) Bromodichloromethane	9.642	83	131769	26.689	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	147014	26.265	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	89474	50.190	ug/L	100
42) Toluene	10.386	91	424992	26.811	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	120385	25.594	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71058	26.495	ug/L	96
46) Tetrachloroethene	10.861	164	75069	24.623	ug/L	90
48) 2-Hexanone	10.965	43	72605	49.802	ug/L	97
49) Dibromochloromethane	11.123	129	76728	25.640	ug/L	98
50) 1,2-Dibromoethane	11.233	107	61646	24.633	ug/L	95
51) Chlorobenzene	11.654	112	260629	25.542	ug/L	98
52) Ethylbenzene	11.727	91	480267	26.553	ug/L	100
53) m,p-Xylene	11.837	106	178366	26.322	ug/L	98
54) o-Xylene	12.160	106	165753	26.458	ug/L	98
55) Styrene	12.178	104	285137	26.624	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77437	25.604	ug/L	95
59) Bromoform	12.343	173	41330	25.156	ug/L	99
60) Isopropylbenzene	12.459	105	482001	26.616	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53814	23.649	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378269	26.476	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	377444	26.982	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	201651	25.581	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	203043	24.946	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	182682	26.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	11143	21.962	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	128848	24.788	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	101649	24.291	ug/L	99
71) Naphthalene	15.360	128	172750	23.894	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	86076	23.727	ug/L	96

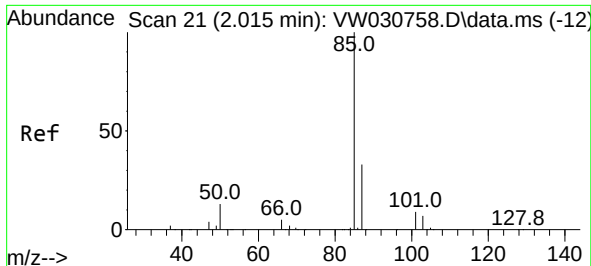
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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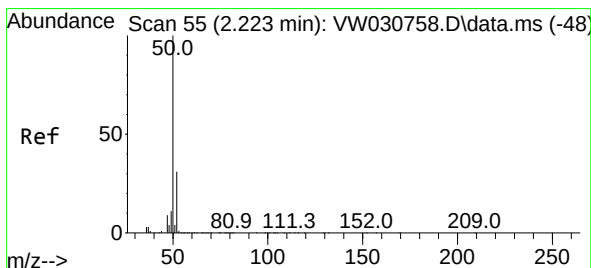
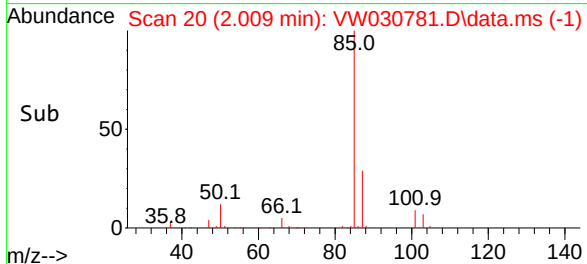
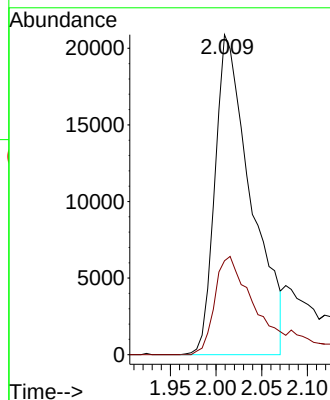
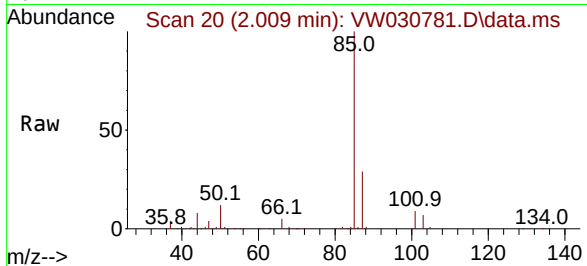




#2
 Dichlorodifluoromethane
 Concen: 18.079 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

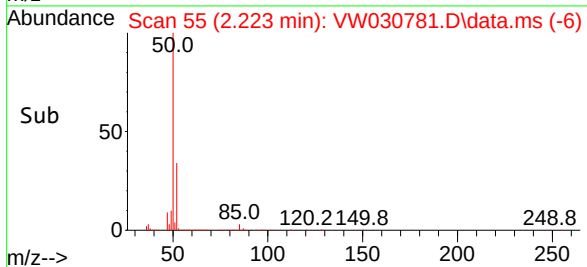
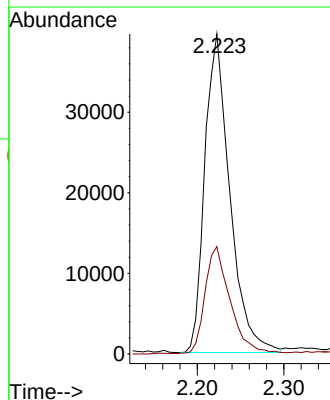
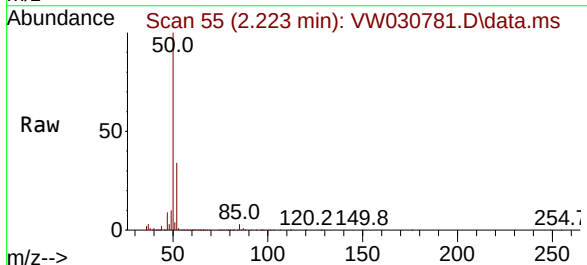
Instrument :
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 ClientSampleId :

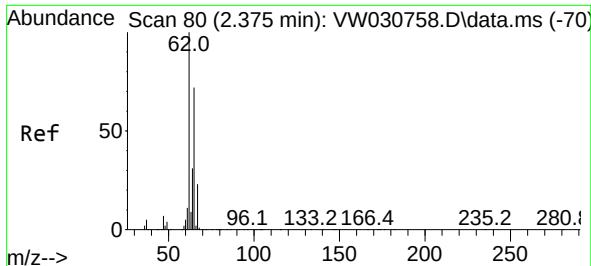
Tgt Ion: 85 Resp: 57430
 Ion Ratio Lower Upper
 85 100
 87 33.4 23.8 35.6



#3
 Chloromethane
 Concen: 21.517 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

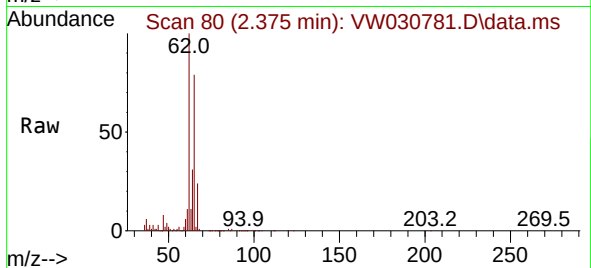
Tgt Ion: 50 Resp: 79443
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9



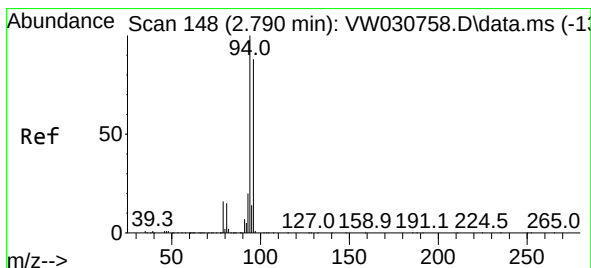
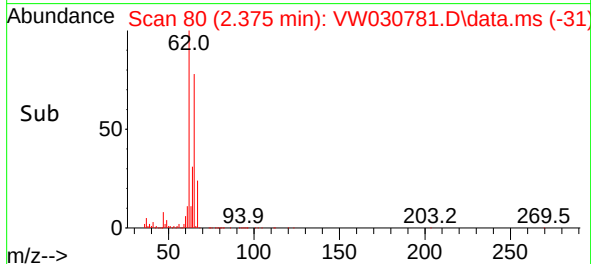
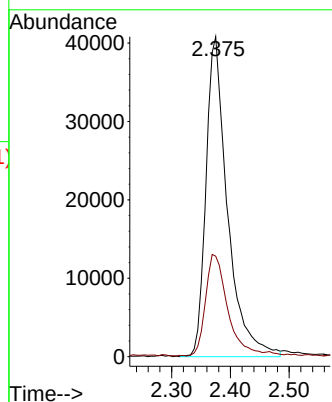


#5
 Vinyl chloride
 Concen: 22.830 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

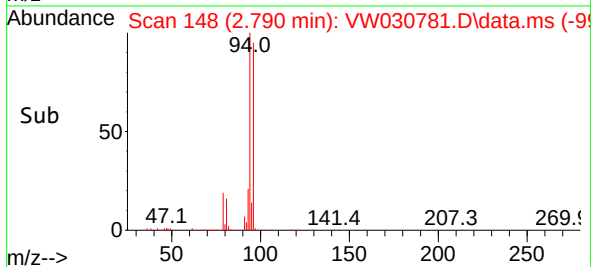
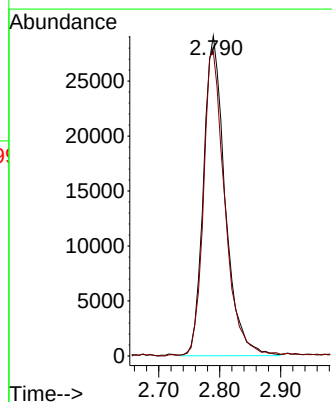
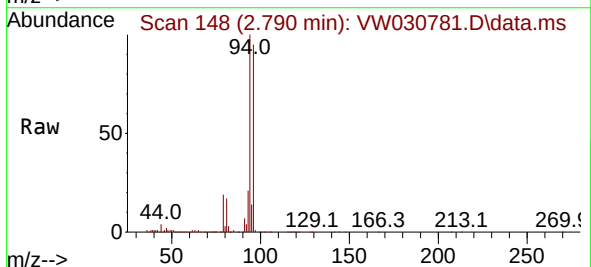


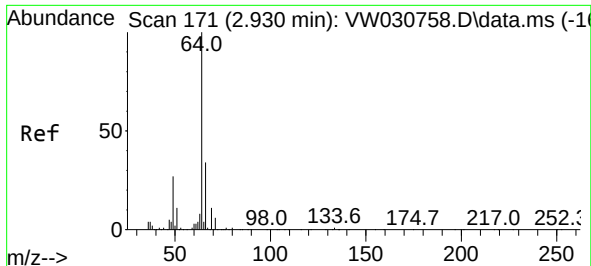
Tgt Ion: 62 Resp: 103660
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.6 42.0



#6
 Bromomethane
 Concen: 23.953 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

Tgt Ion: 94 Resp: 71584
 Ion Ratio Lower Upper
 94 100
 96 95.1 62.6 116.2

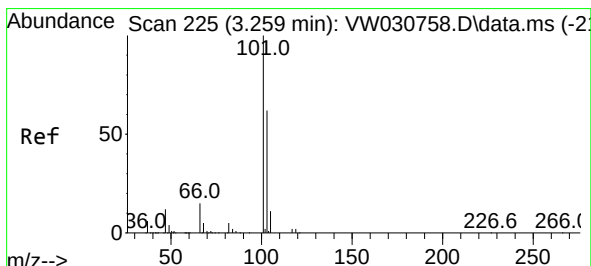
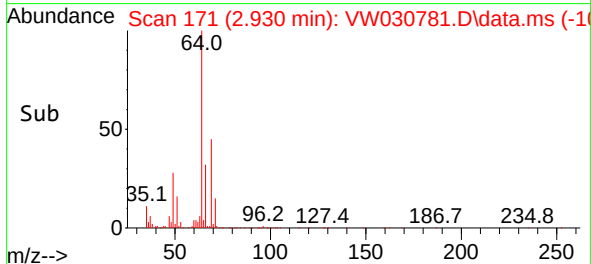
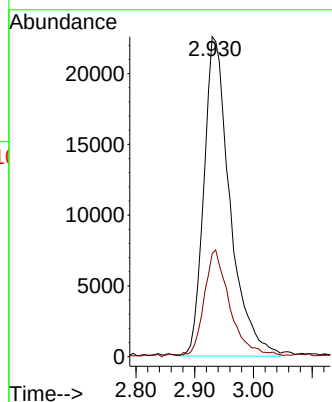
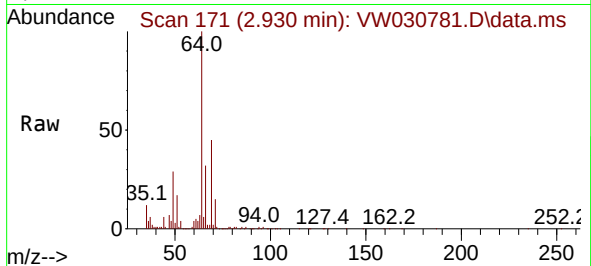




#8
Chloroethane
Concen: 24.996 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

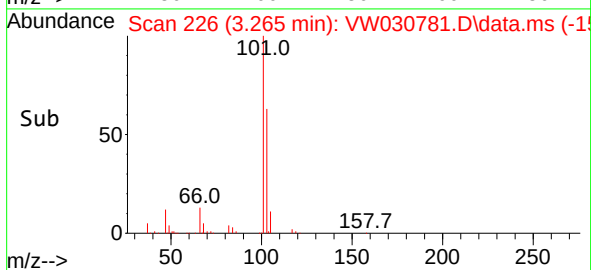
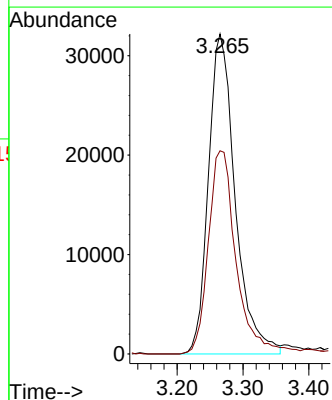
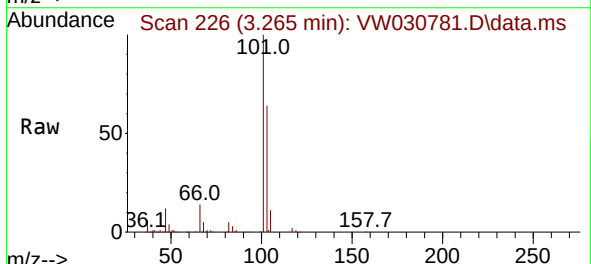
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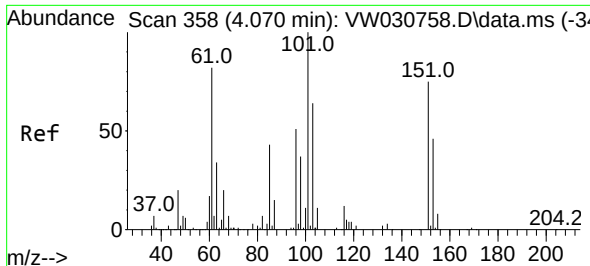
Tgt Ion: 64 Resp: 69379
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.426 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 101 Resp: 91109
Ion Ratio Lower Upper
101 100
103 66.1 51.1 76.7

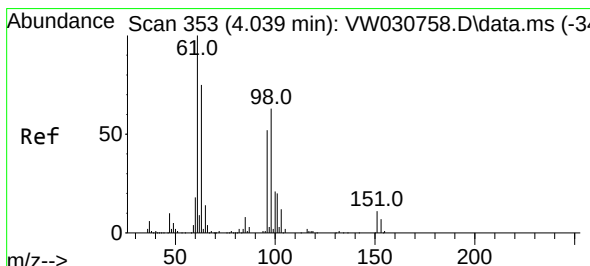
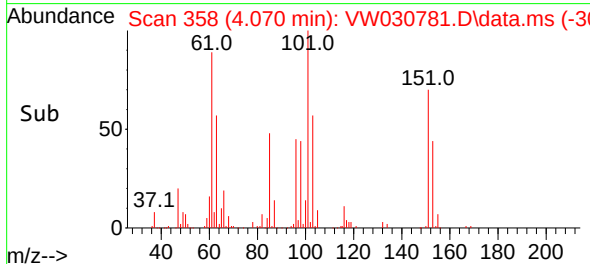
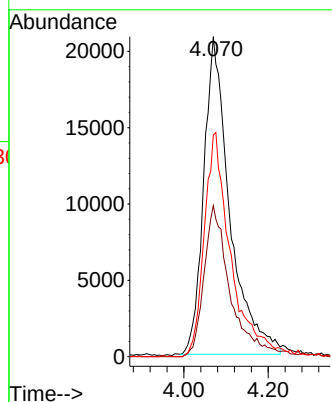
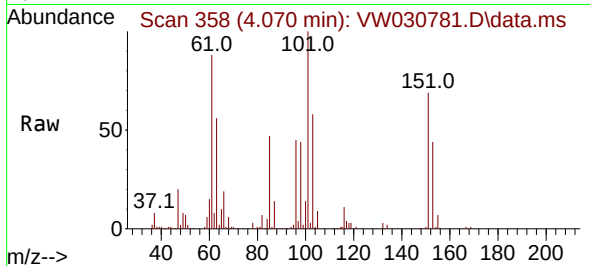




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.452 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

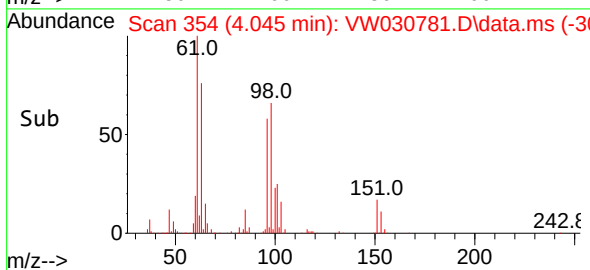
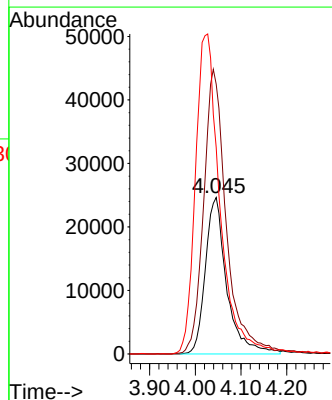
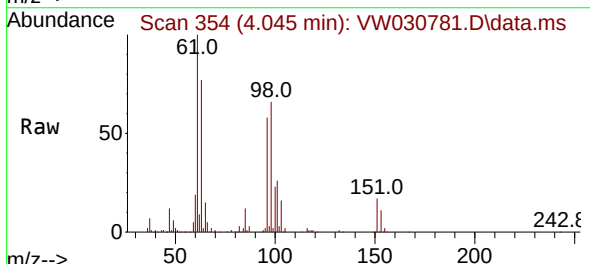
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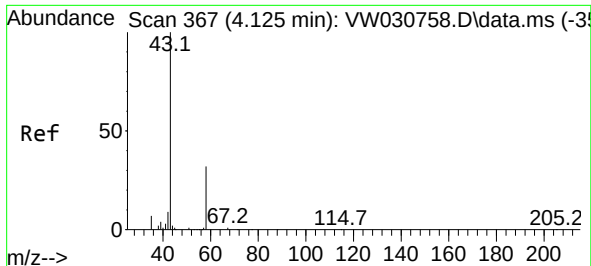
Tgt Ion:101 Resp: 89378
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.7 53.5
 151 68.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.030 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

Tgt Ion: 96 Resp: 80160
 Ion Ratio Lower Upper
 96 100
 61 172.4 121.3 225.3
 63 132.0 87.6 162.8

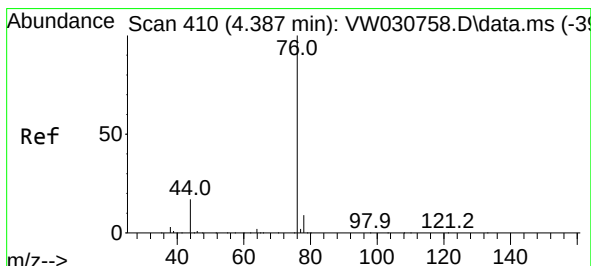
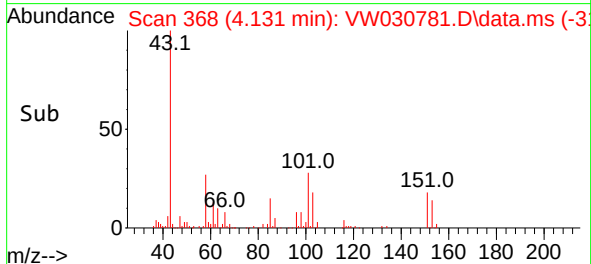
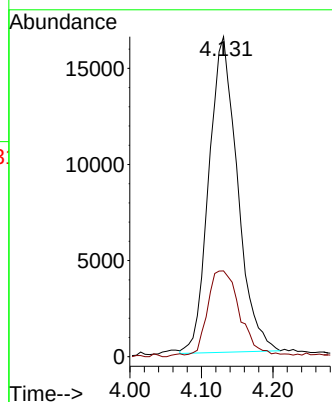
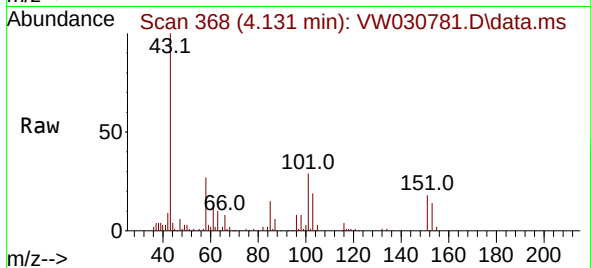




#13
Acetone
Concen: 44.397 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

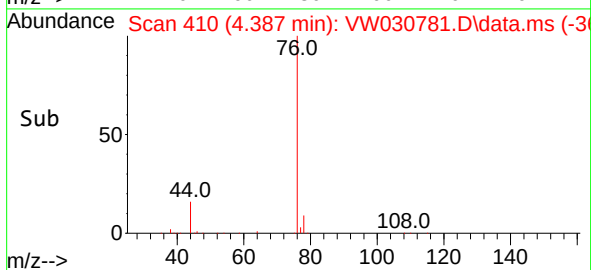
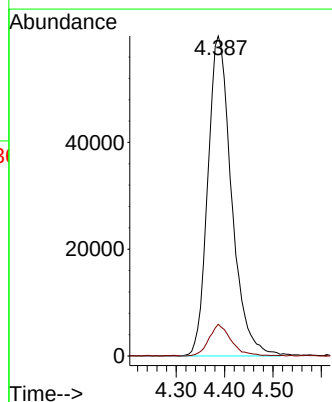
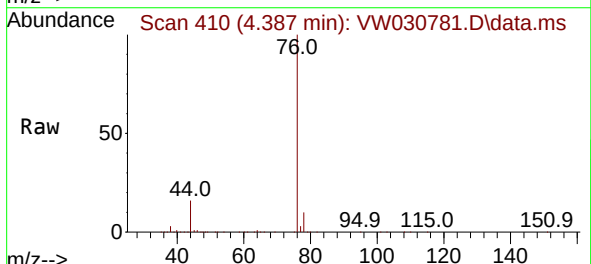
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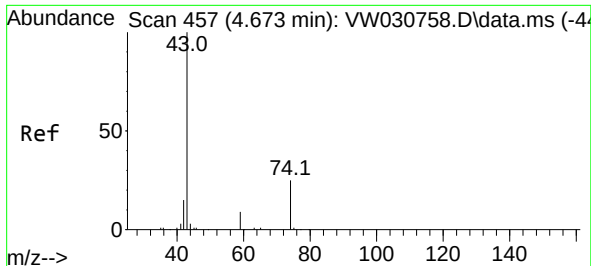
Tgt Ion: 43 Resp: 45716
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.6



#14
Carbon disulfide
Concen: 18.740 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 204145
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

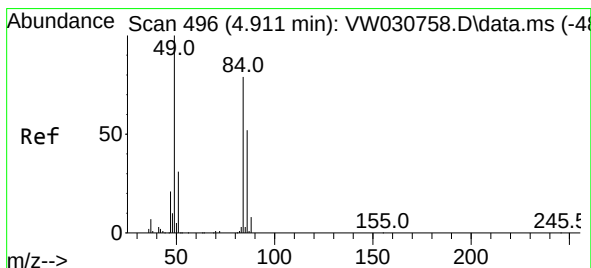
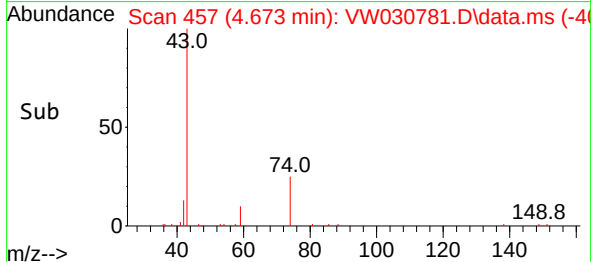
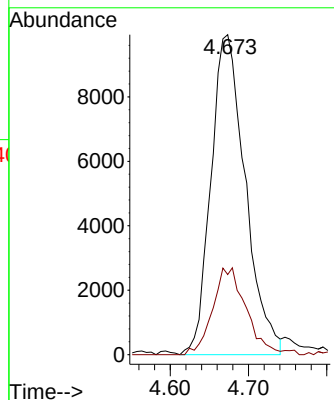
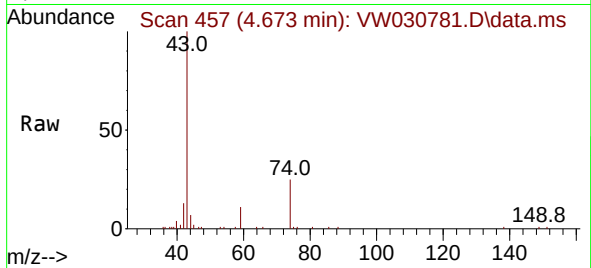




#15
Methyl Acetate
Concen: 23.798 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

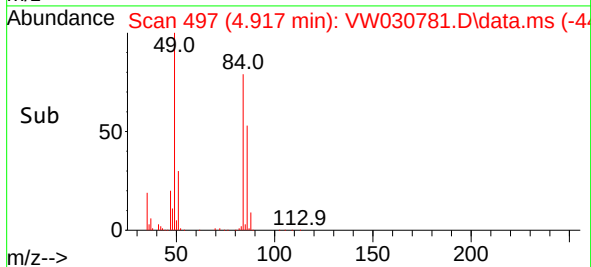
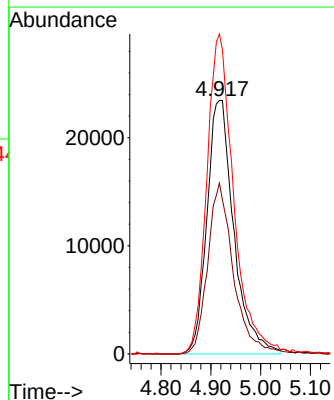
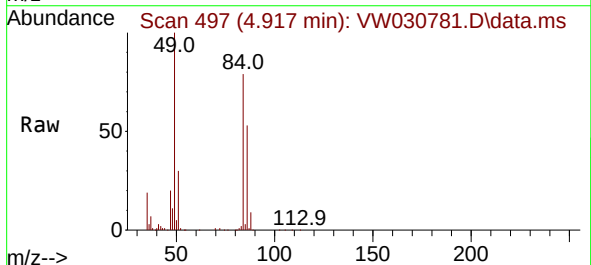
Instrument :
MSVOA_W
ClientSampleId :

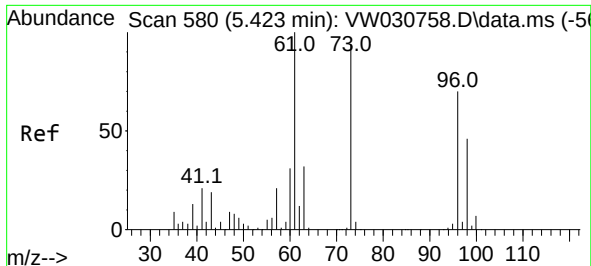
Tgt Ion: 43 Resp: 30270
Ion Ratio Lower Upper
43 100
74 26.2 19.3 28.9



#16
Methylene chloride
Concen: 23.377 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 84 Resp: 87870
Ion Ratio Lower Upper
84 100
86 67.4 43.8 81.3
49 126.2 88.3 164.1

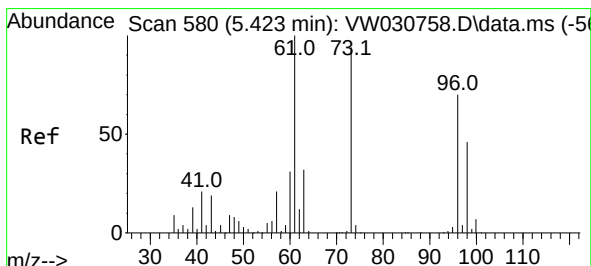
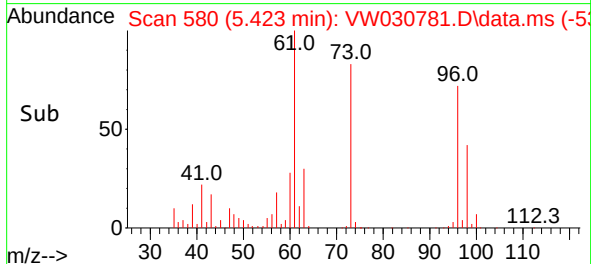
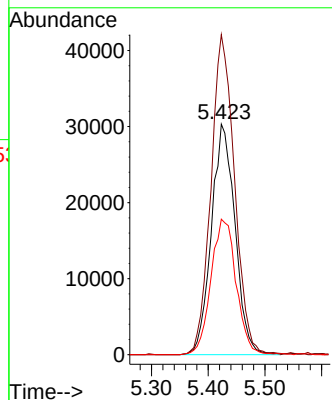
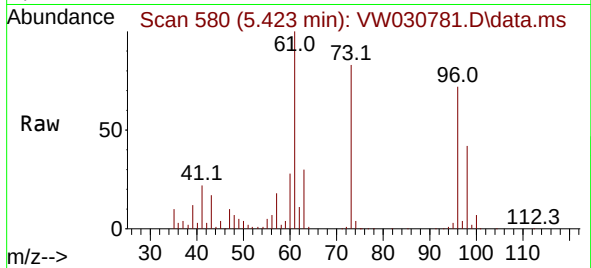




#17
trans-1,2-Dichloroethene
Concen: 24.384 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

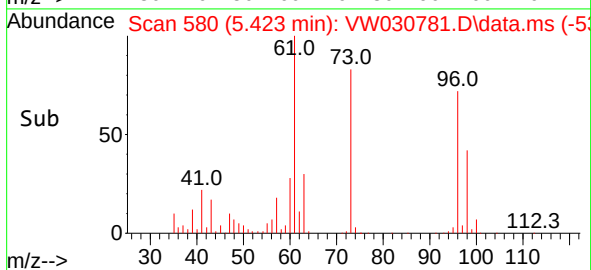
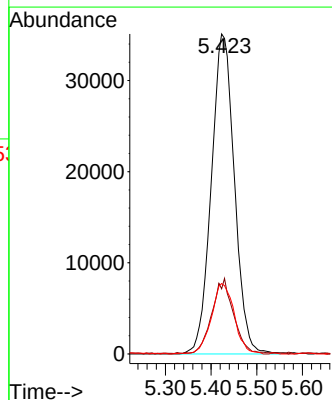
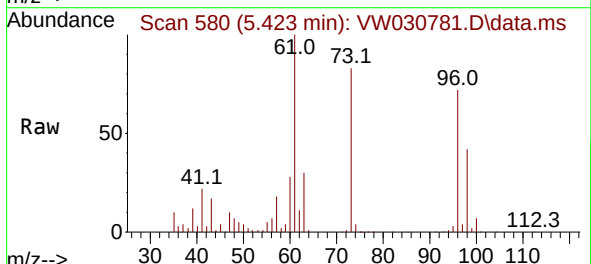
Instrument :
MSVOA_W
ClientSampleId :

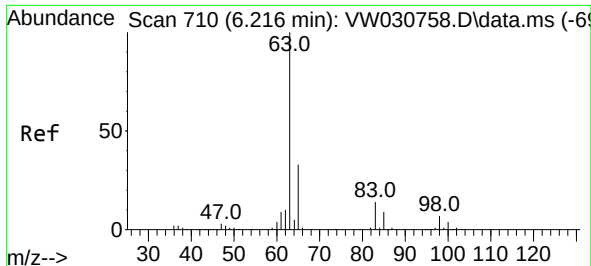
Tgt Ion: 96 Resp: 87771
Ion Ratio Lower Upper
96 100
61 138.8 96.9 179.9
98 58.8 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 24.467 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

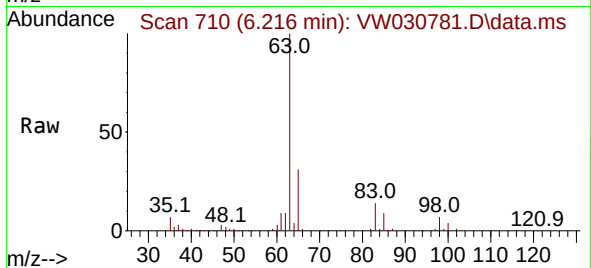
Tgt Ion: 73 Resp: 123262
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1
57 21.8 17.7 26.5



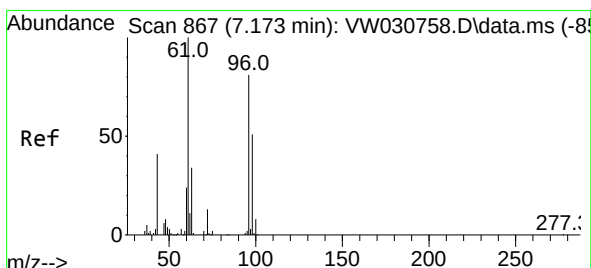
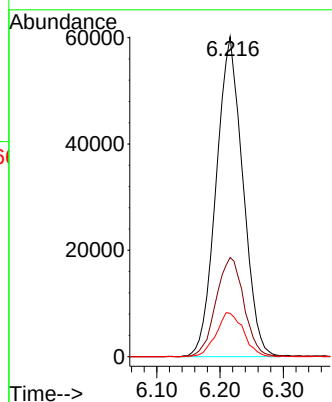
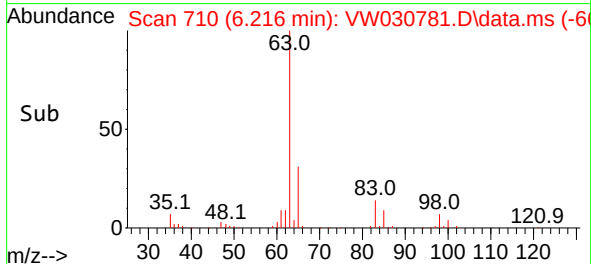


#19
1,1-Dichloroethane
Concen: 26.294 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :

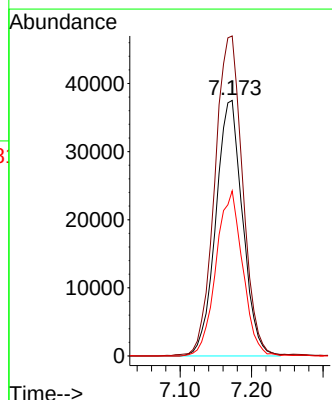
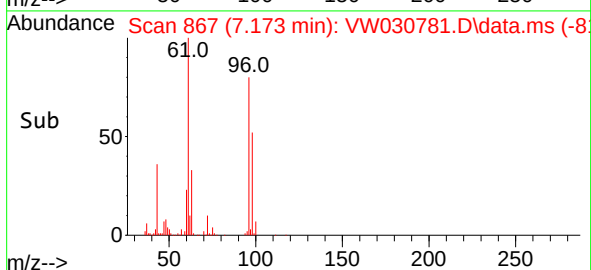
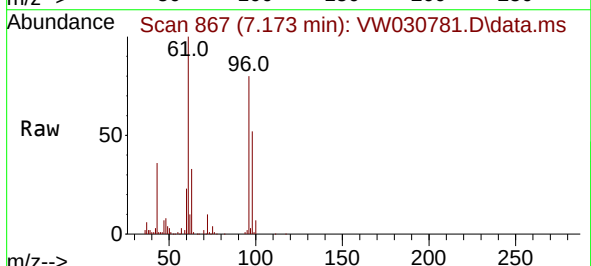


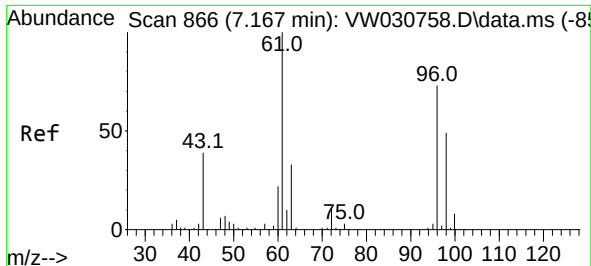
Tgt Ion: 63 Resp: 175912
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.5 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 25.472 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 96 Resp: 97799
Ion Ratio Lower Upper
96 100
61 125.2 88.3 163.9
98 64.6 41.3 76.7

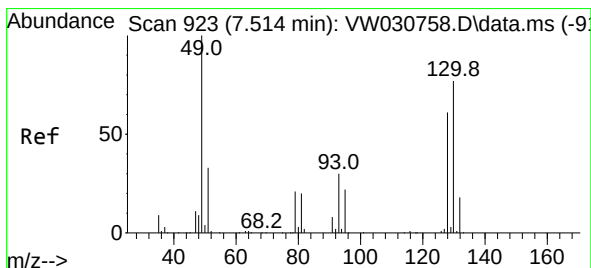
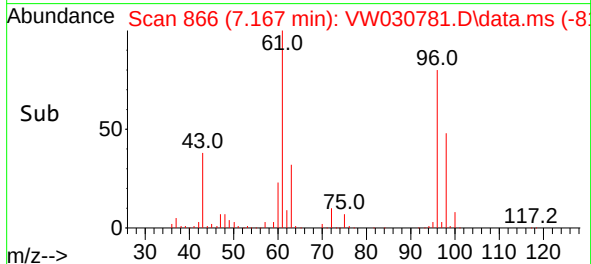
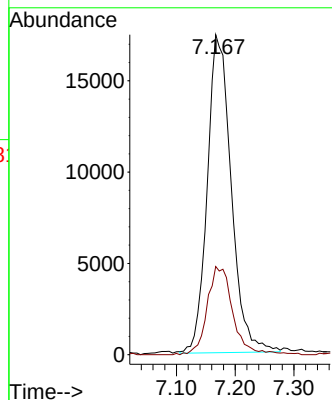
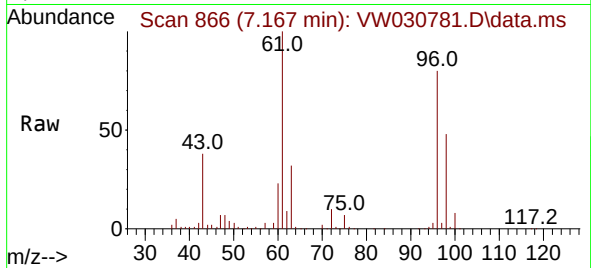




#22
2-Butanone
Concen: 44.516 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

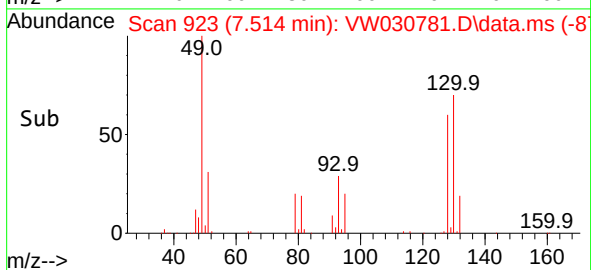
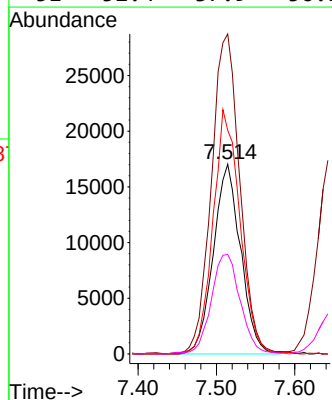
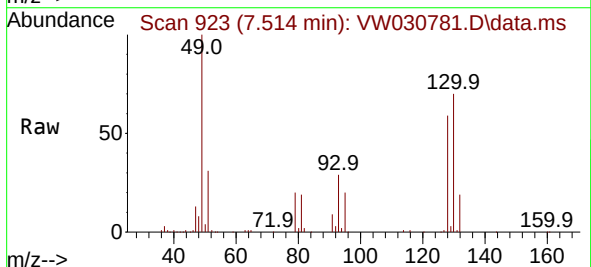
Instrument :
MSVOA_W
ClientSampleId :

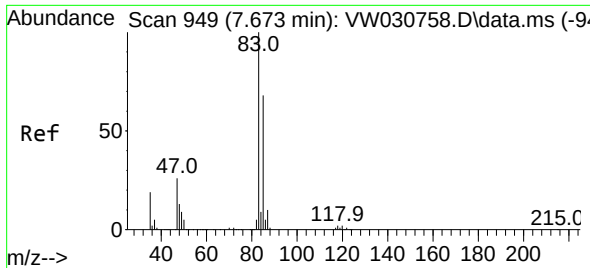
Tgt Ion: 43 Resp: 49410
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 24.504 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 128 Resp: 41157
Ion Ratio Lower Upper
128 100
49 168.6 110.1 204.5
130 117.8 82.9 153.9
51 52.4 37.9 56.9

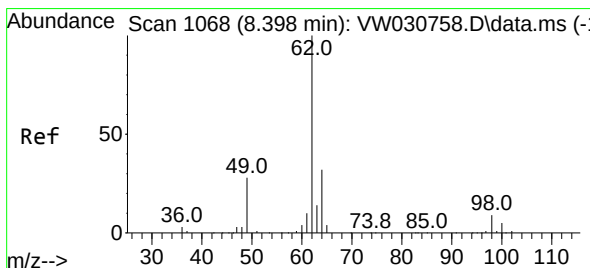
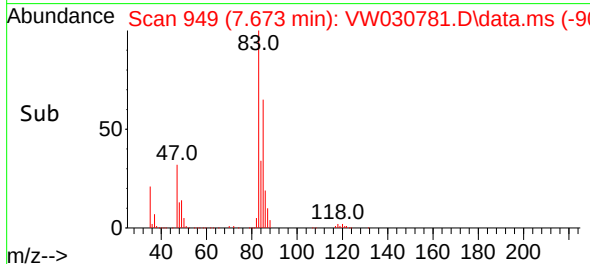
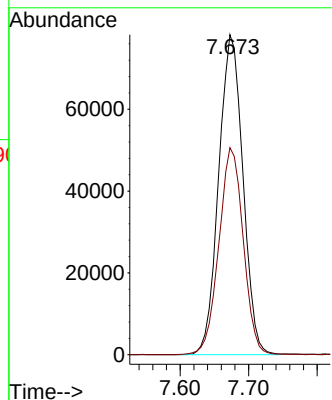
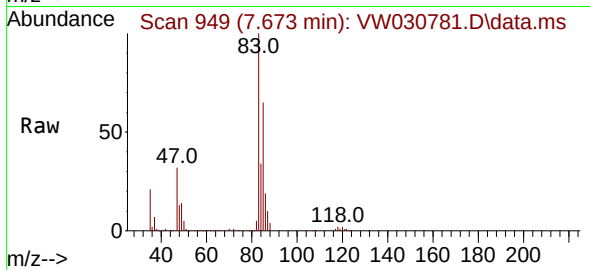




#25
Chloroform
Concen: 26.830 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

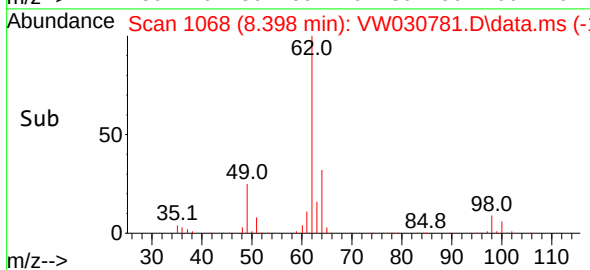
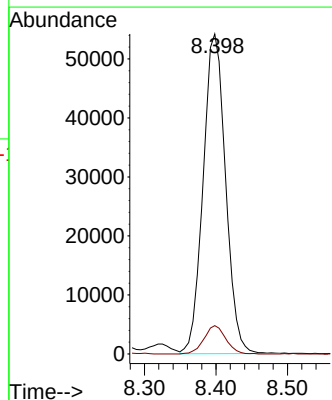
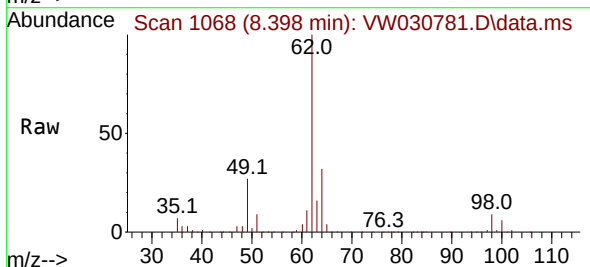
Instrument :
MSVOA_W
ClientSampleId :

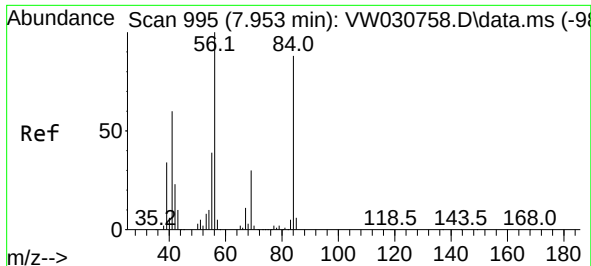
Tgt Ion: 83 Resp: 191818
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.023 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 62 Resp: 118022
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 23.379 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

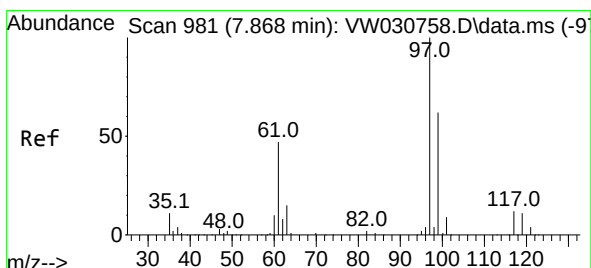
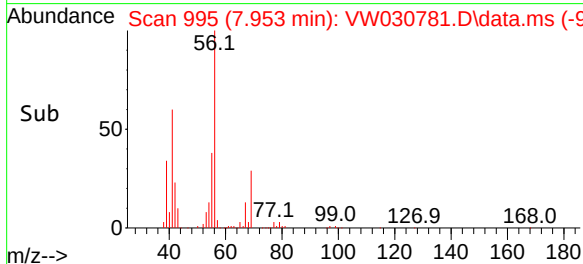
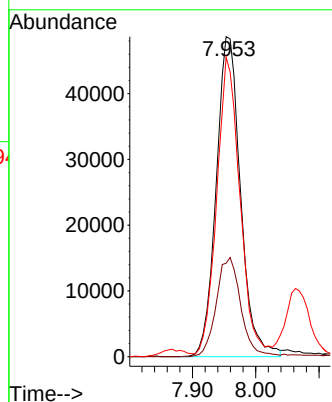
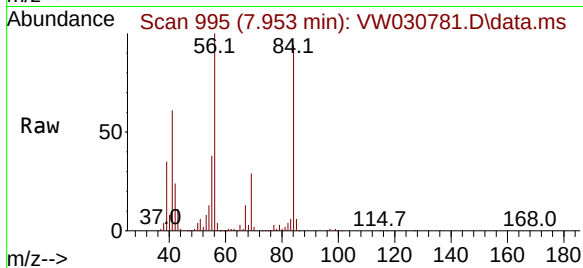
Tgt Ion: 56 Resp: 129936

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

84 89.1 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.969 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

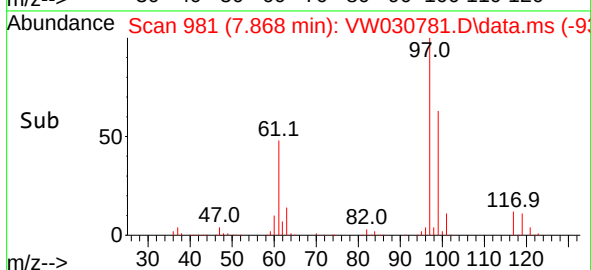
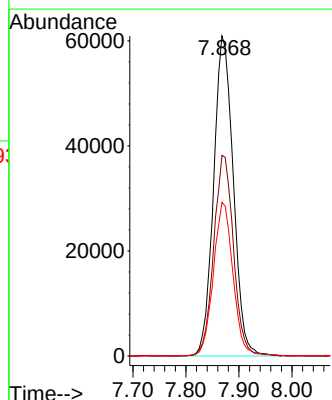
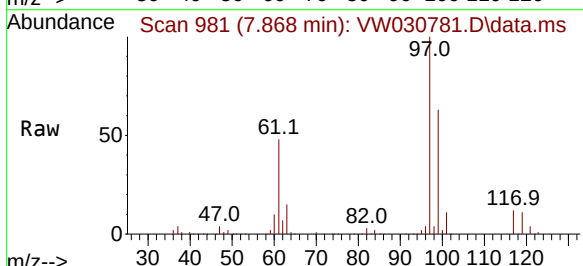
Tgt Ion: 97 Resp: 157398

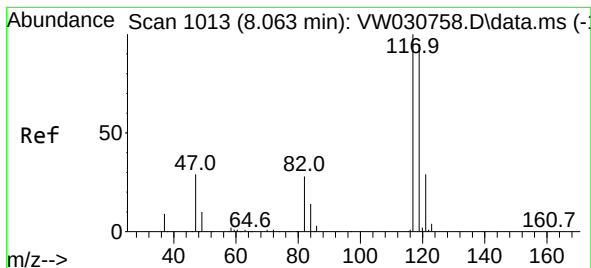
Ion Ratio Lower Upper

97 100

99 62.8 52.3 78.5

61 47.7 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.166 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

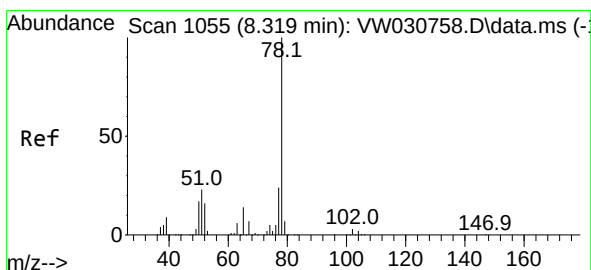
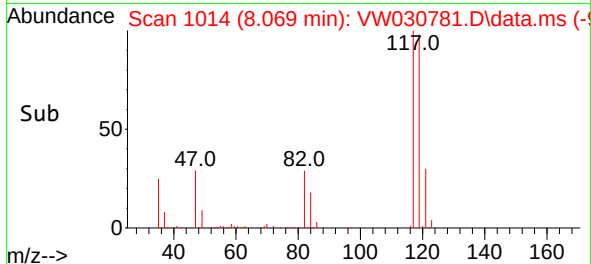
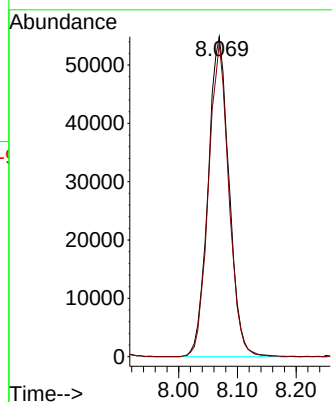
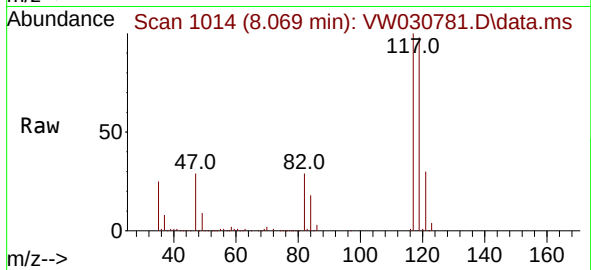
ClientSampleId :

Tgt Ion:117 Resp: 136232

Ion Ratio Lower Upper

117 100

119 94.9 77.8 116.8



#33

Benzene

Concen: 25.867 ug/L

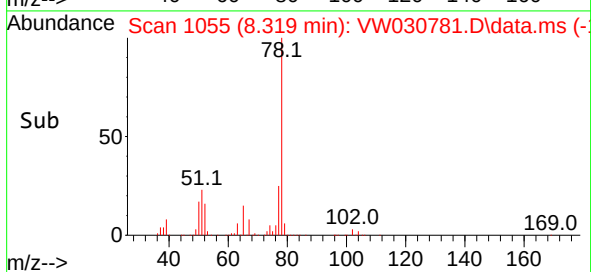
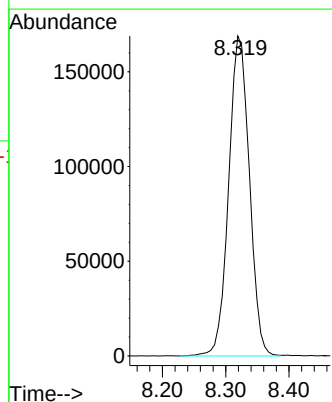
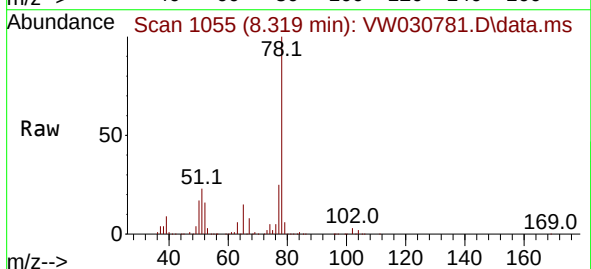
RT: 8.319 min Scan# 1055

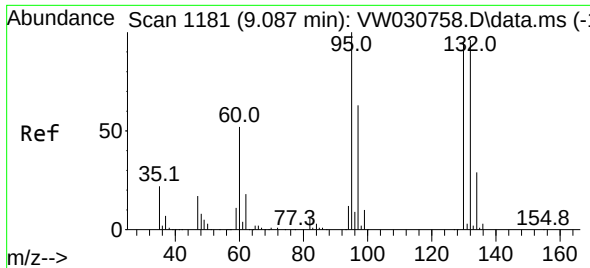
Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Tgt Ion: 78 Resp: 384332



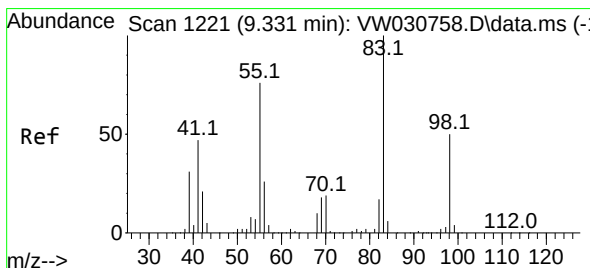
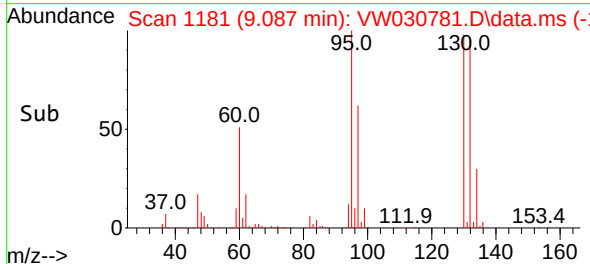
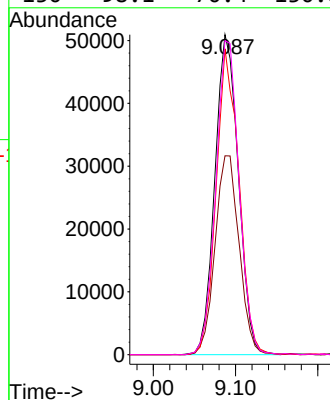
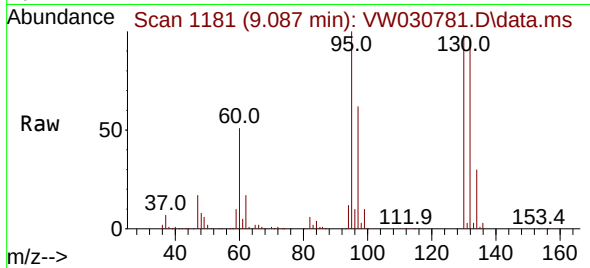


#34
 Trichloroethene
 Concen: 24.466 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 101132

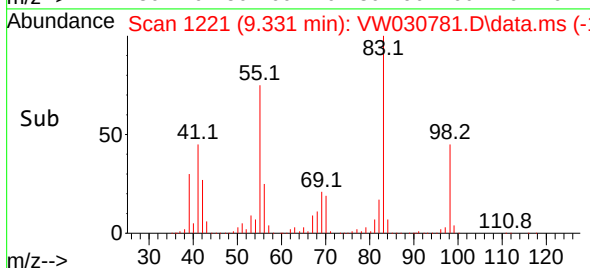
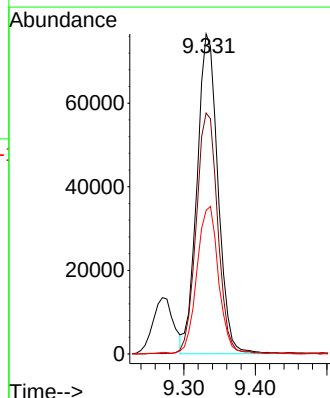
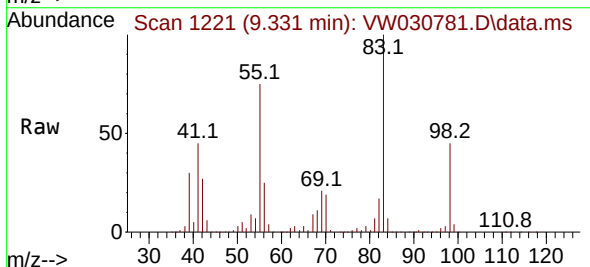
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.9	85.3
132	95.6	66.4	123.2
130	98.1	70.4	130.8

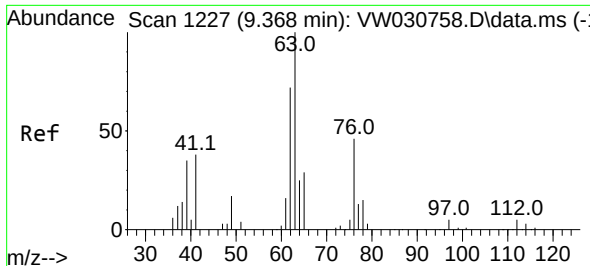


#35
 Methylcyclohexane
 Concen: 23.953 ug/L
 RT: 9.331 min Scan# 1221
 Delta R.T. -0.000 min
 Lab File: VW030781.D
 Acq: 28 Oct 2024 11:01

Tgt Ion: 83 Resp: 155819

Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	47.6	39.3	58.9





#37

1,2-Dichloropropane

Concen: 26.589 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

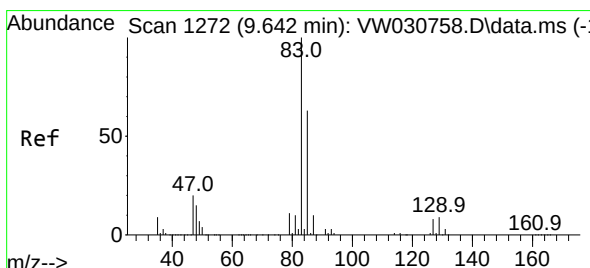
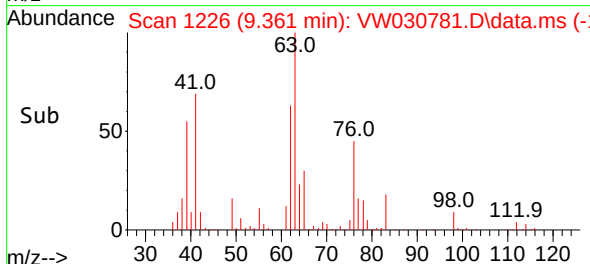
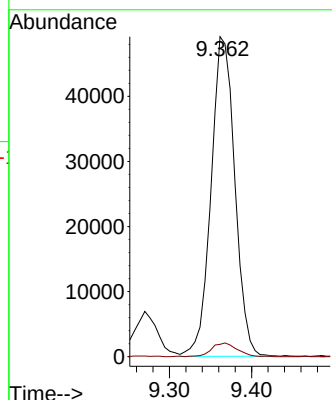
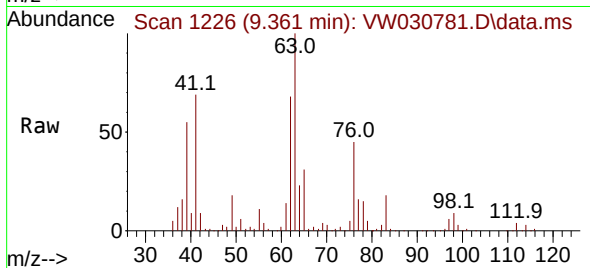
ClientSampleId :

Tgt Ion: 63 Resp: 98669

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 26.689 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

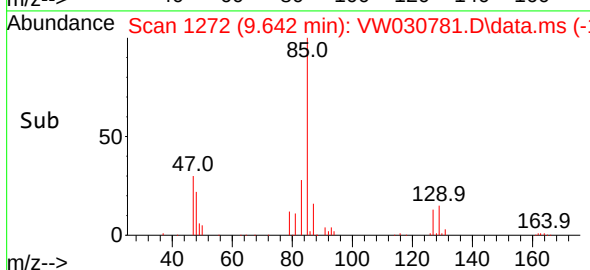
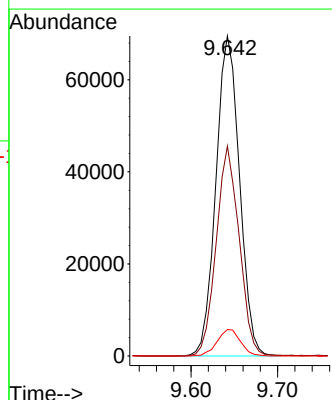
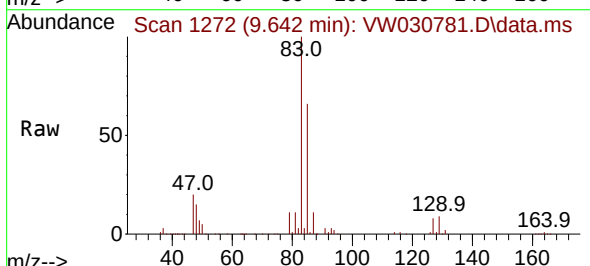
Tgt Ion: 83 Resp: 131769

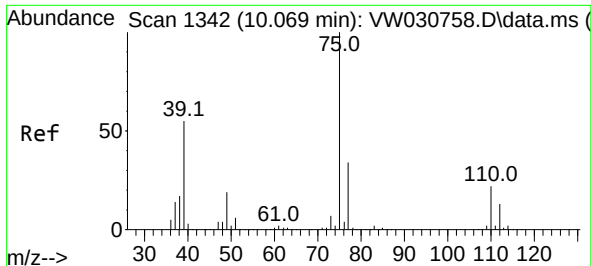
Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.0

127 8.2 6.2 9.4

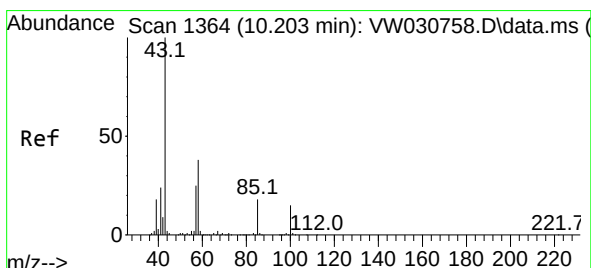
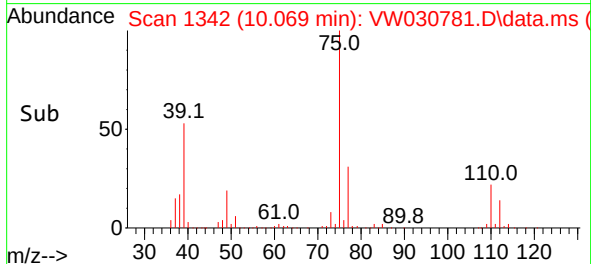
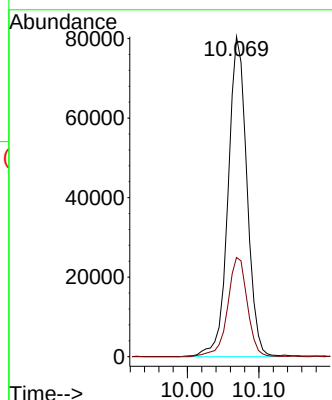
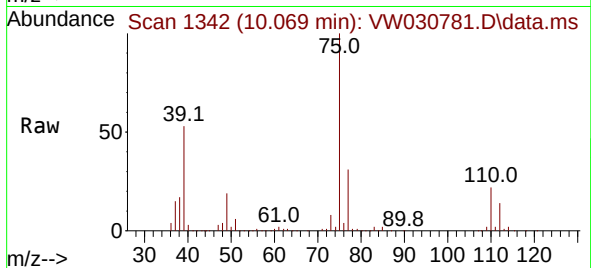




#39
cis-1,3-Dichloropropene
Concen: 26.265 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

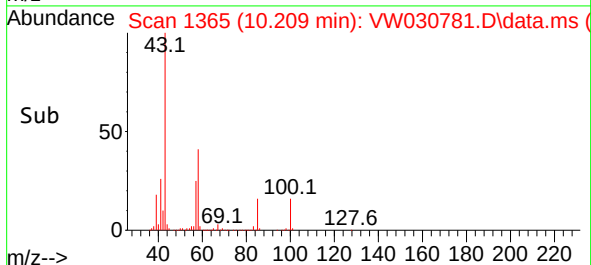
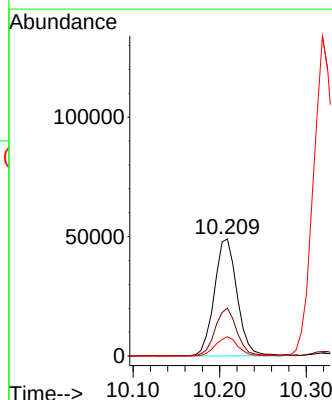
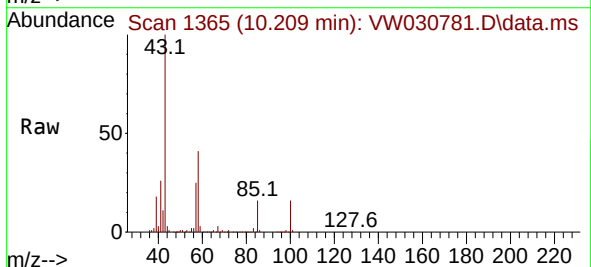
Instrument :
MSVOA_W
ClientSampleId :

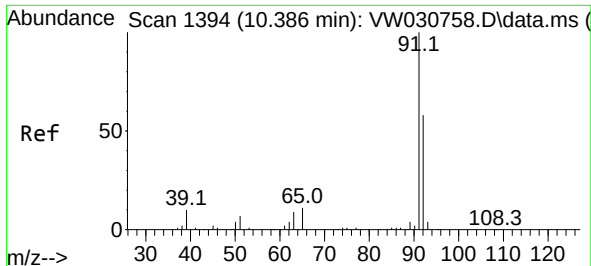
Tgt Ion: 75 Resp: 147014
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 50.190 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

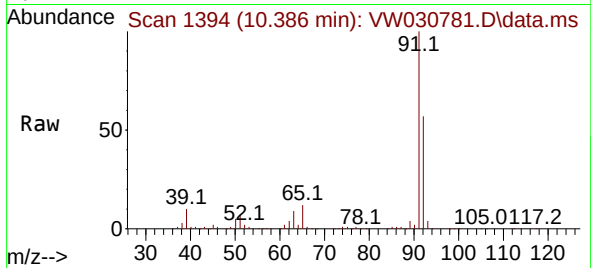
Tgt Ion: 43 Resp: 89474
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2
100 16.0 13.1 19.7



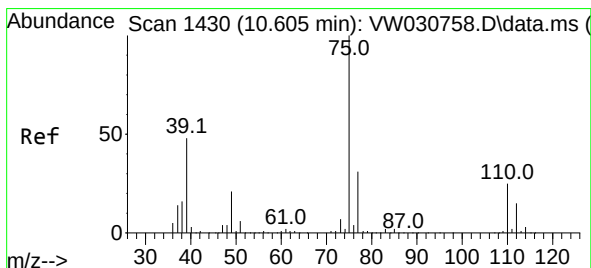
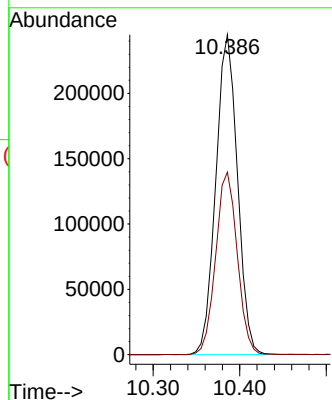
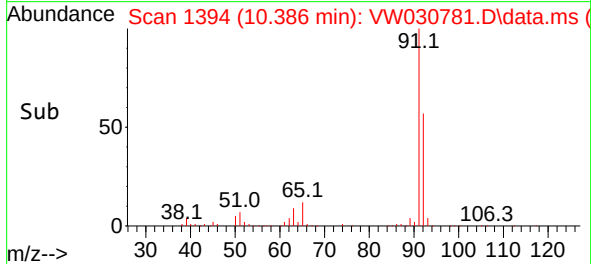


#42
Toluene
Concen: 26.811 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :

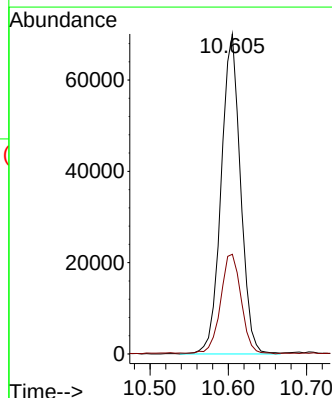
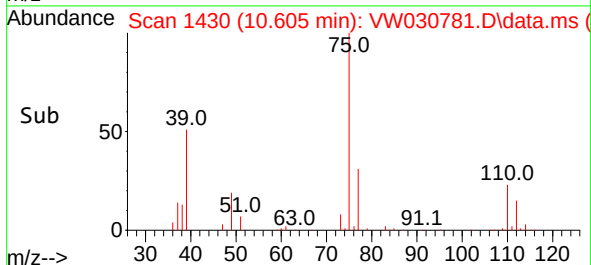
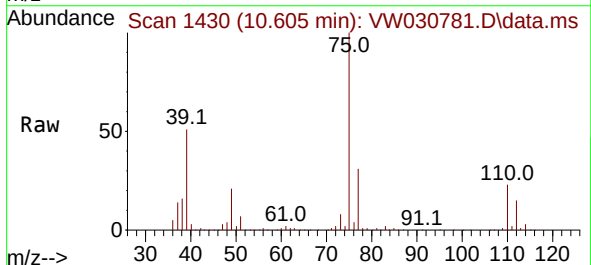


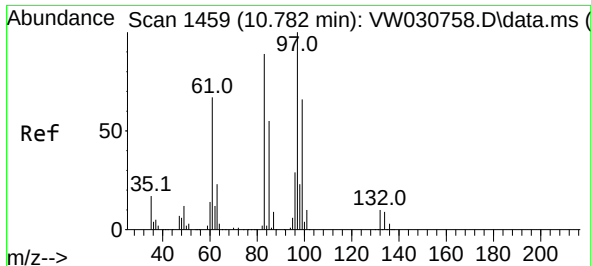
Tgt Ion: 91 Resp: 424992
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.594 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 75 Resp: 120385
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.495 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 71058

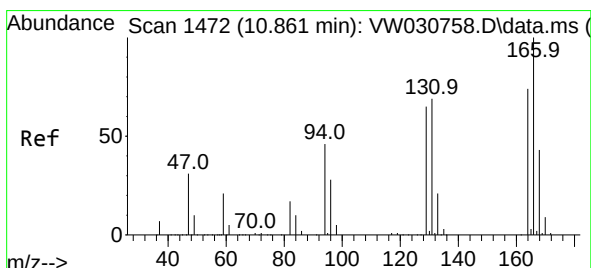
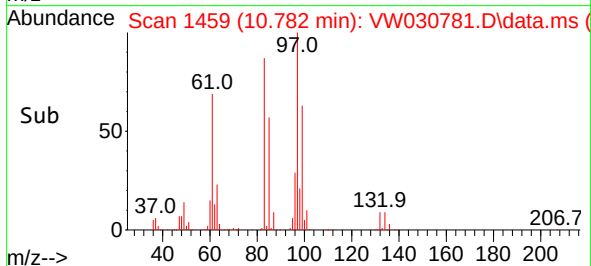
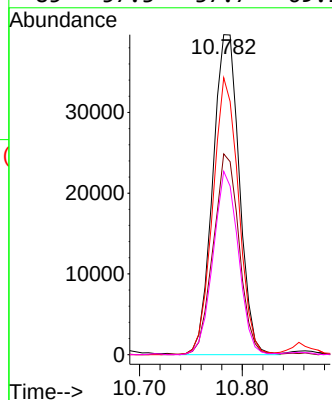
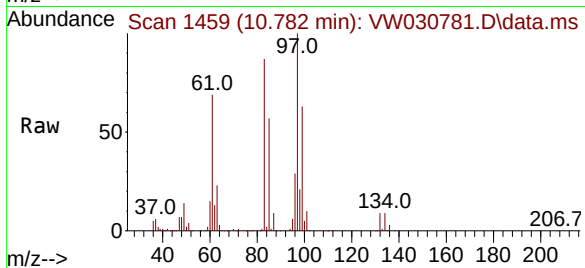
Ion Ratio Lower Upper

97 100

99 62.7 41.2 76.6

83 86.6 59.6 110.6

85 57.3 37.7 69.9



#46

Tetrachloroethene

Concen: 24.623 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Tgt Ion:164 Resp: 75069

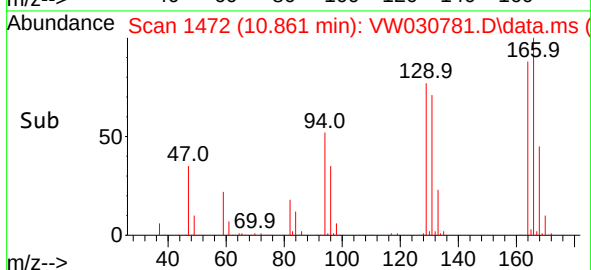
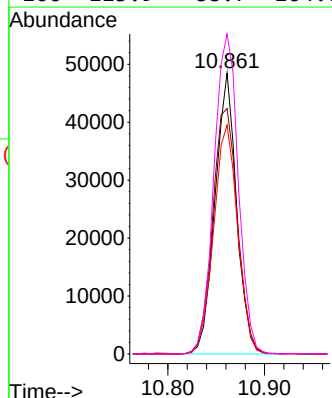
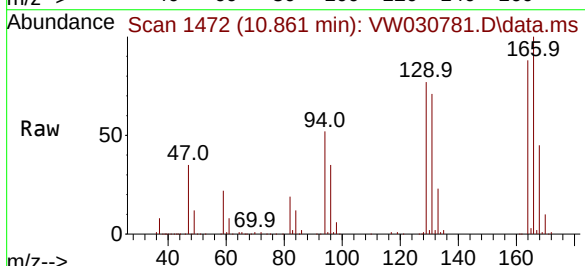
Ion Ratio Lower Upper

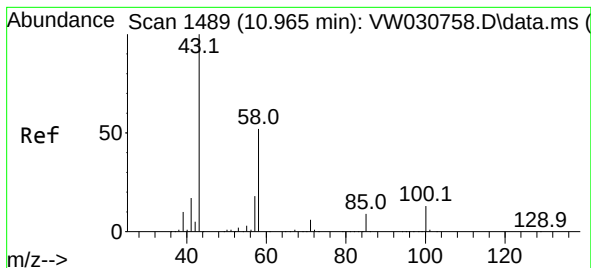
164 100

129 87.3 66.6 123.6

131 81.4 63.7 118.3

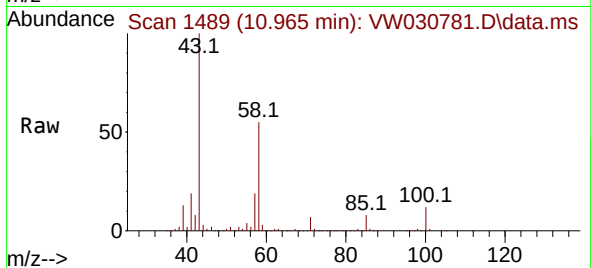
166 113.9 88.7 164.7



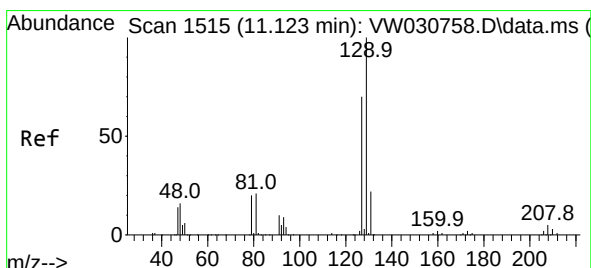
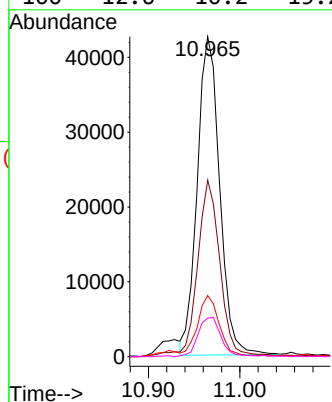
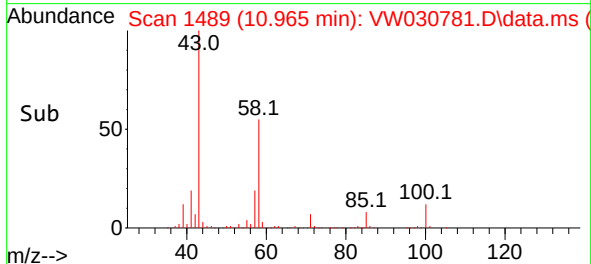


#48
2-Hexanone
Concen: 49.802 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :

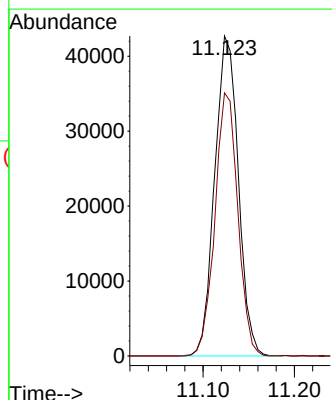
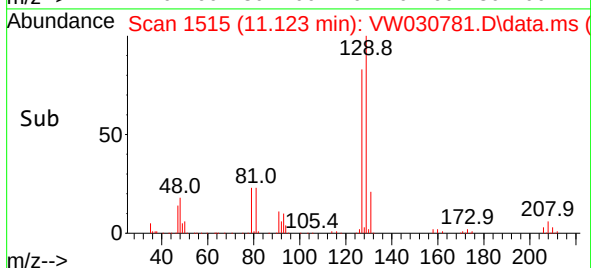
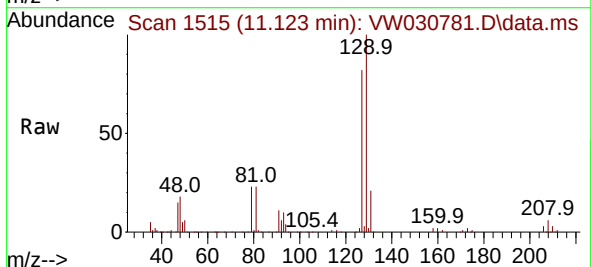


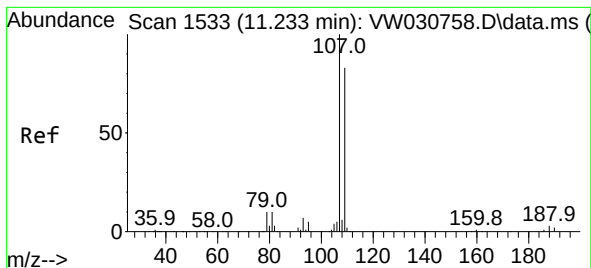
Tgt Ion: 43 Resp: 72605
Ion Ratio Lower Upper
43 100
58 52.8 44.6 67.0
57 18.8 15.8 23.8
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 25.640 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 129 Resp: 76728
Ion Ratio Lower Upper
129 100
127 82.2 56.5 104.9

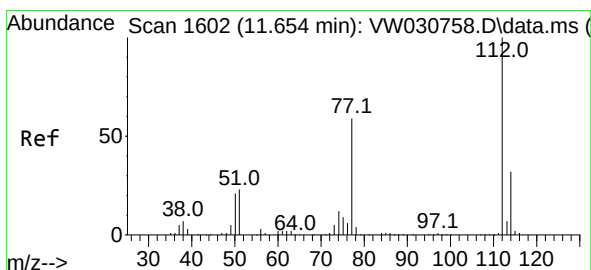
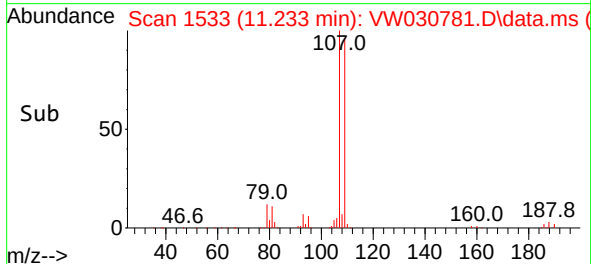
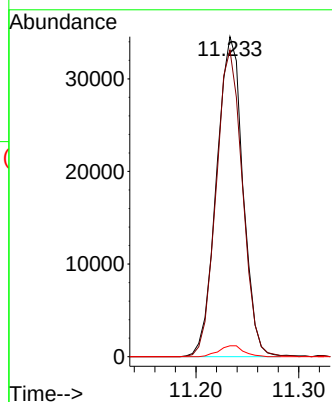
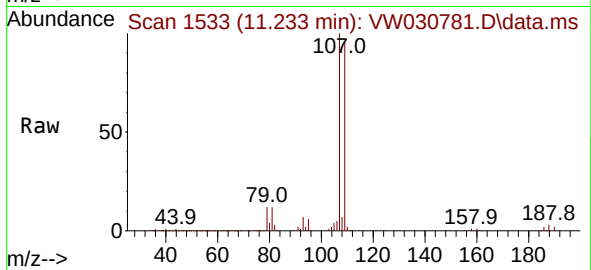




#50
1,2-Dibromoethane
Concen: 24.633 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

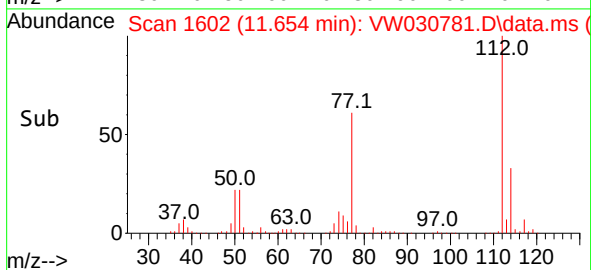
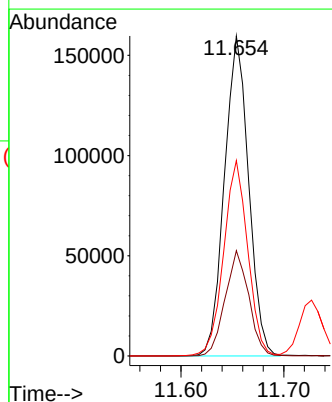
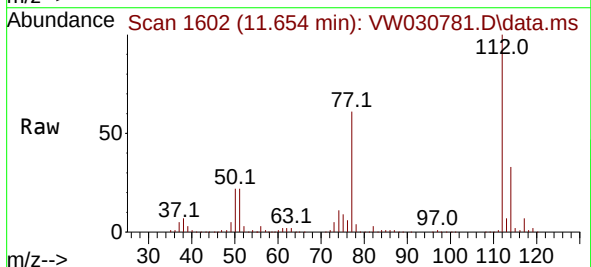
Instrument :
MSVOA_W
ClientSampleId :

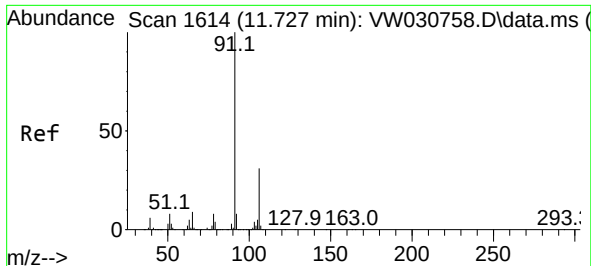
Tgt Ion:107 Resp: 61646
Ion Ratio Lower Upper
107 100
109 95.9 63.8 118.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 25.542 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion:112 Resp: 260629
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 61.1 47.1 70.7

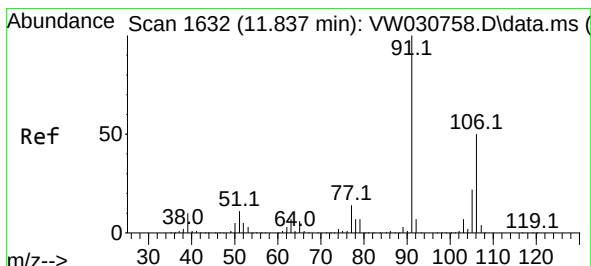
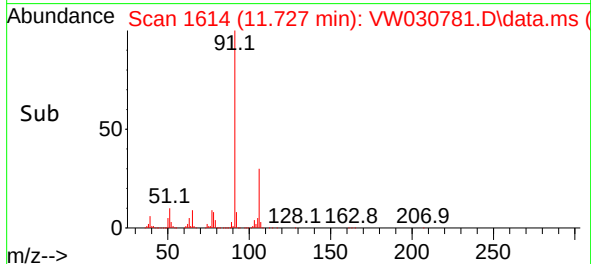
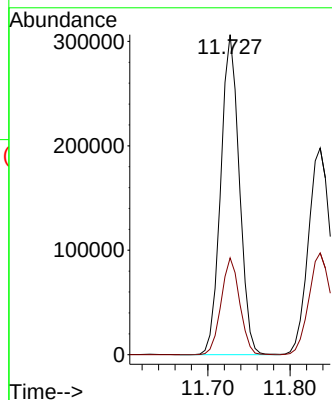
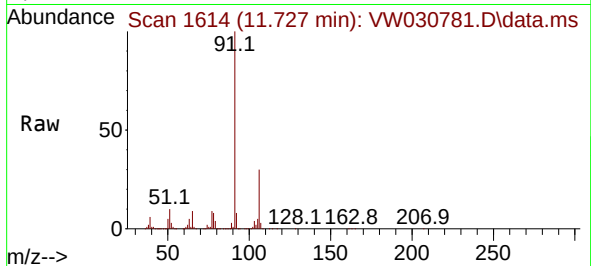




#52
Ethylbenzene
Concen: 26.553 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

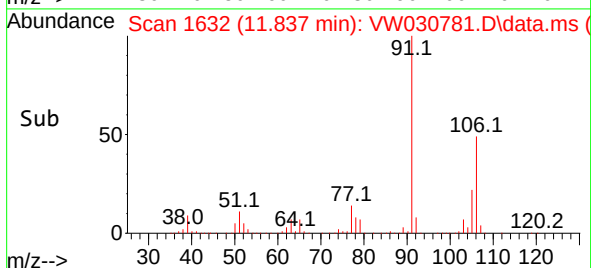
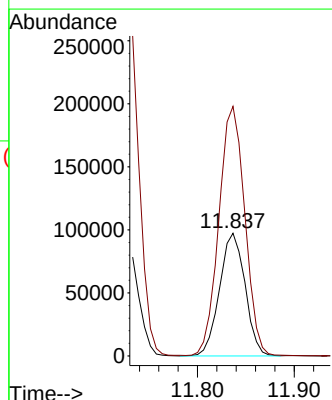
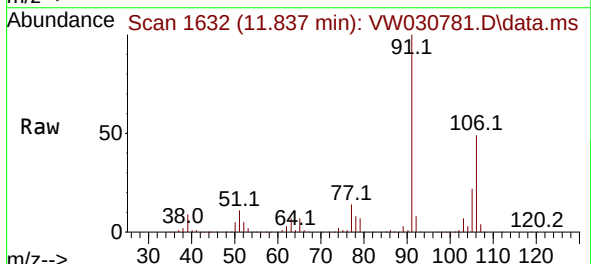
Instrument :
MSVOA_W
ClientSampleId :

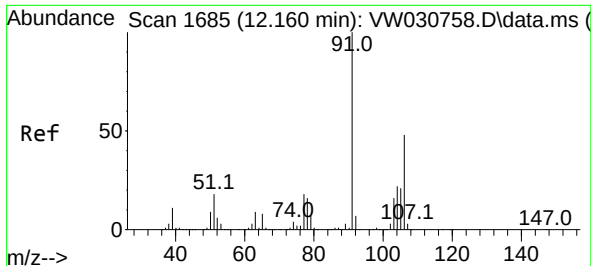
Tgt Ion: 91 Resp: 480267
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.1



#53
m,p-Xylene
Concen: 26.322 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion: 106 Resp: 178366
Ion Ratio Lower Upper
106 100
91 203.3 140.6 261.2

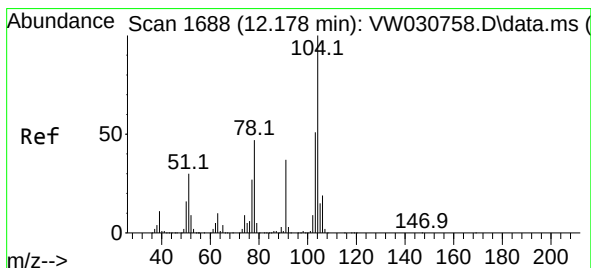
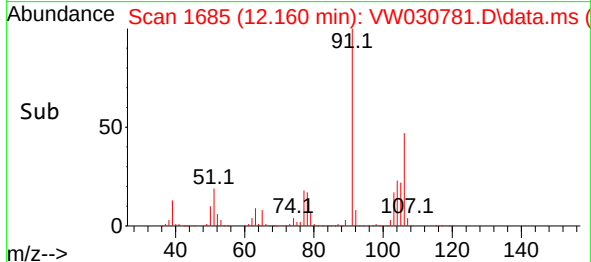
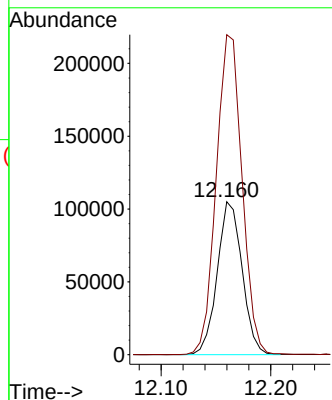
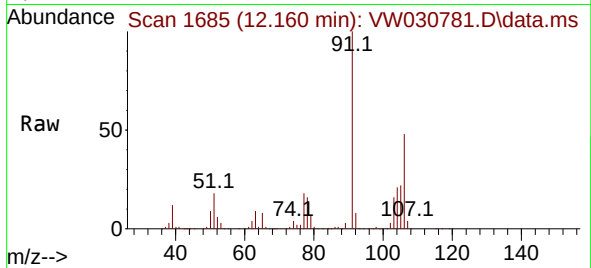




#54
o-Xylene
Concen: 26.458 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

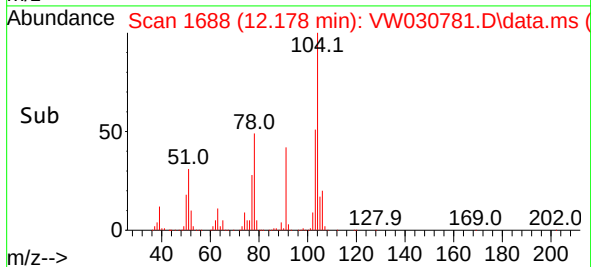
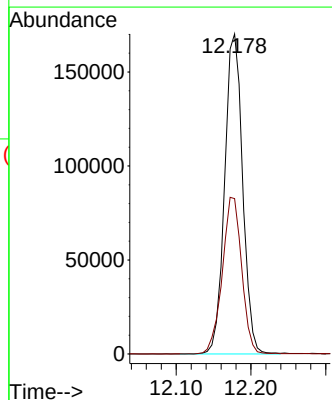
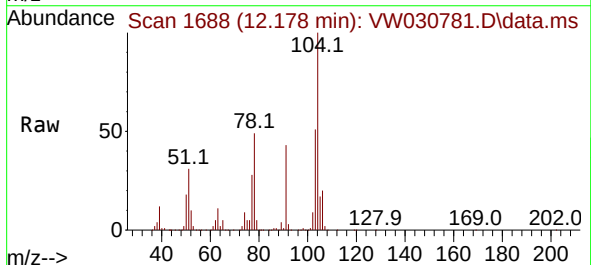
Instrument :
MSVOA_W
ClientSampleId :

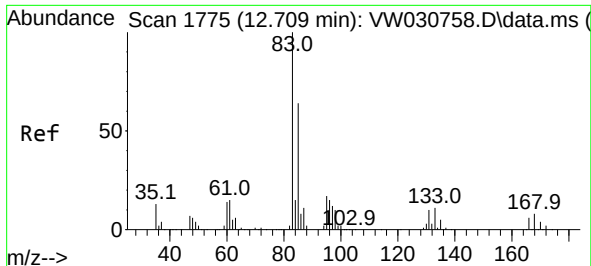
Tgt Ion:106 Resp: 165753
Ion Ratio Lower Upper
106 100
91 209.2 144.5 268.4



#55
Styrene
Concen: 26.624 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion:104 Resp: 285137
Ion Ratio Lower Upper
104 100
78 48.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.604 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

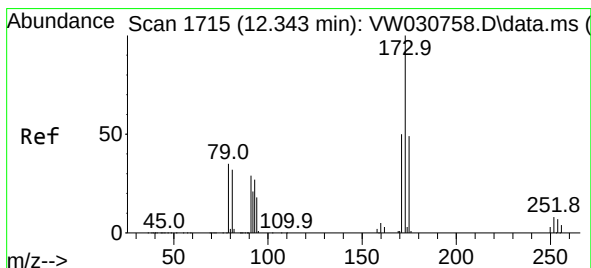
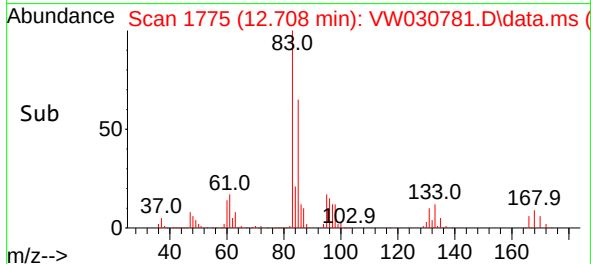
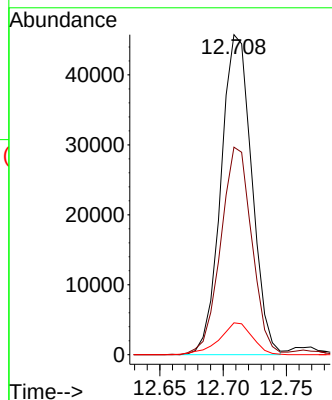
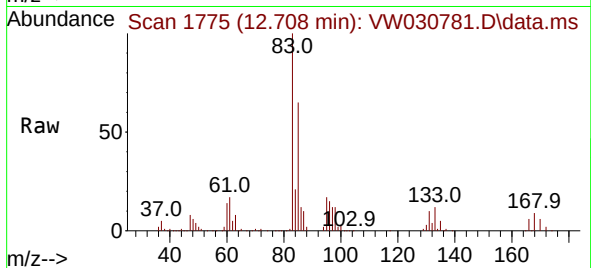
Tgt Ion: 83 Resp: 77437

Ion Ratio Lower Upper

83 100

85 64.8 42.6 79.2

131 10.0 7.4 11.0



#59

Bromoform

Concen: 25.156 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

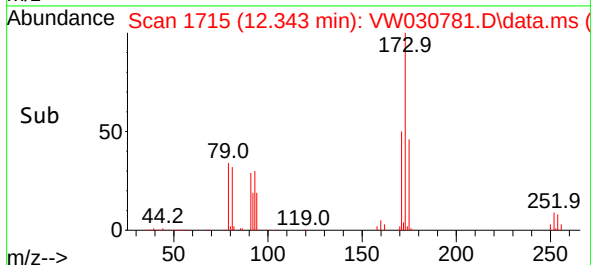
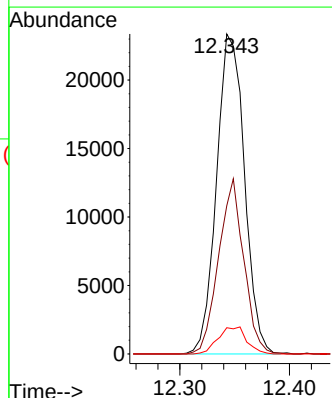
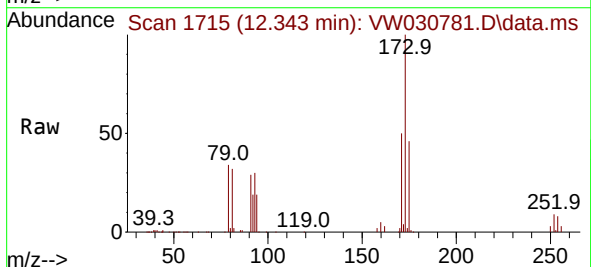
Tgt Ion:173 Resp: 41330

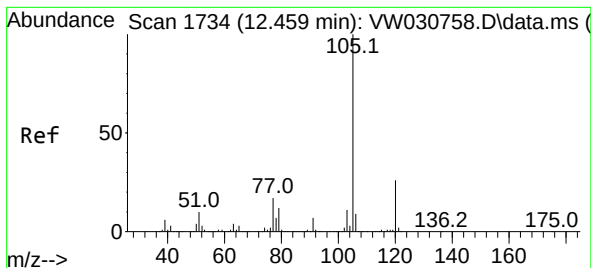
Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.4

254 8.6 7.7 11.5





#60

Isopropylbenzene

Concen: 26.616 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

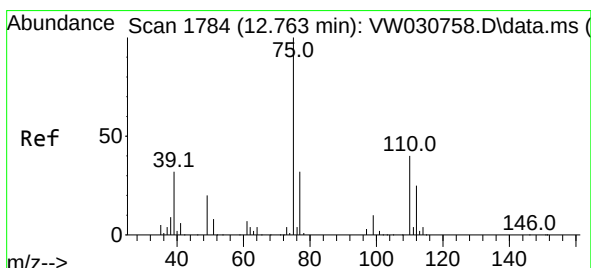
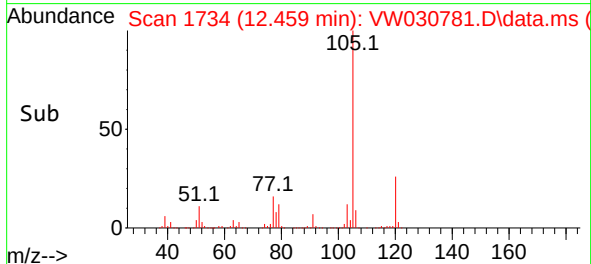
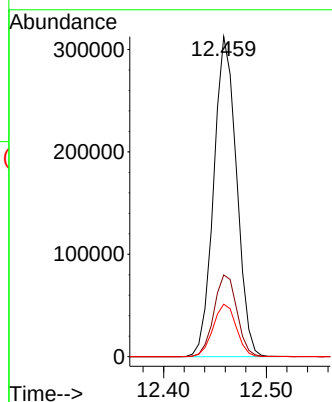
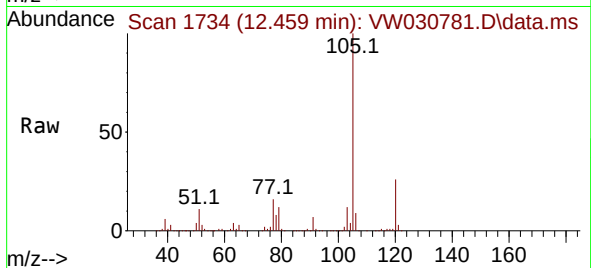
Tgt Ion:105 Resp: 482001

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.649 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

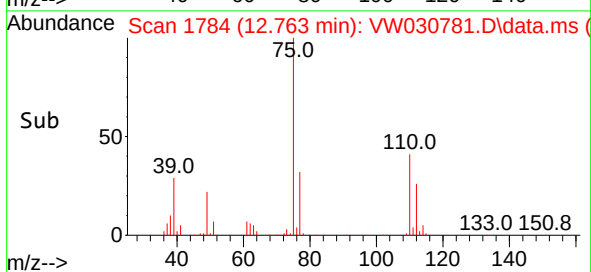
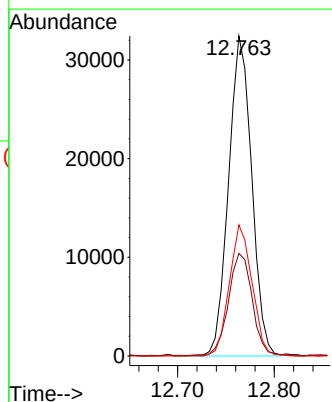
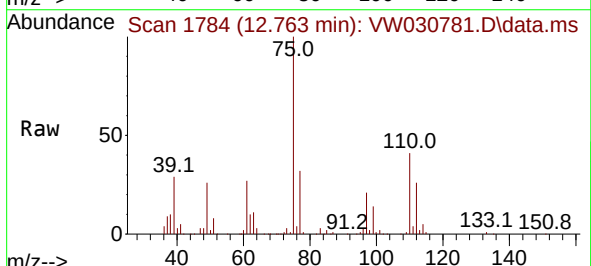
Tgt Ion: 75 Resp: 53814

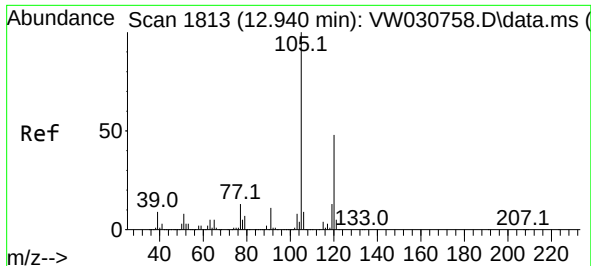
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 40.2 32.3 48.5

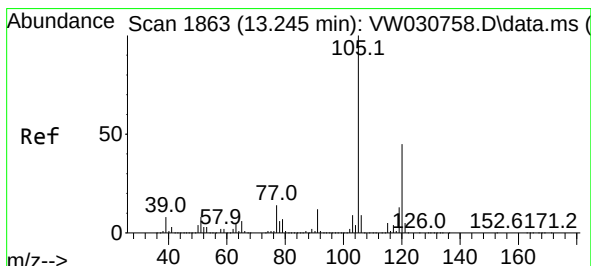
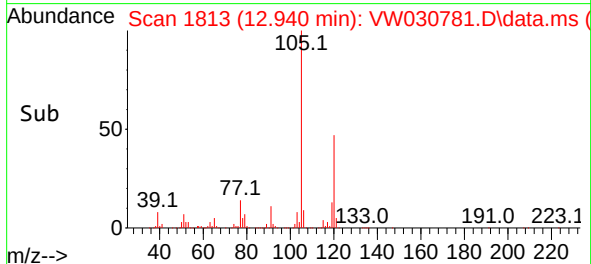
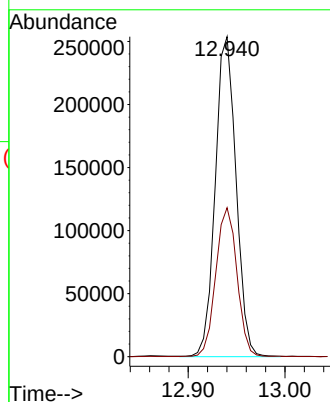
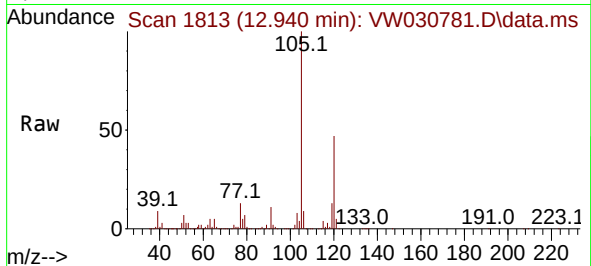




#62
1,3,5-Trimethylbenzene
Concen: 26.476 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

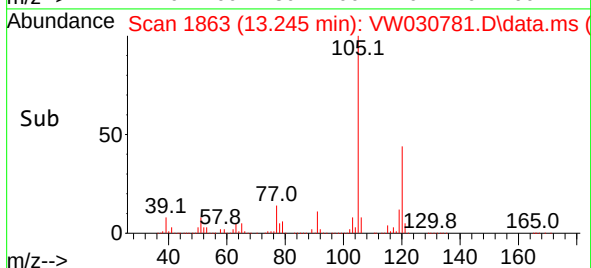
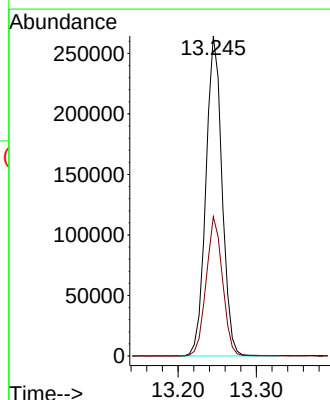
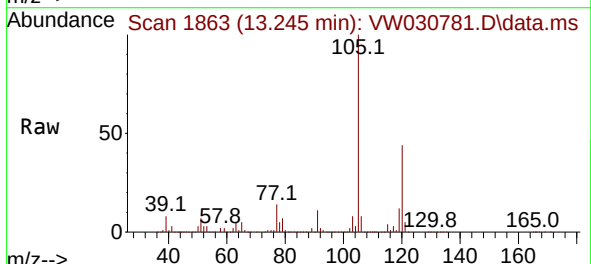
Instrument :
MSVOA_W
ClientSampleId :

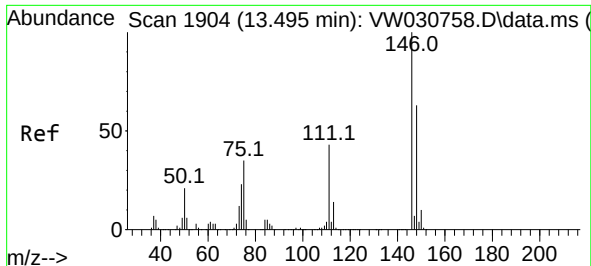
Tgt Ion:105 Resp: 378269
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.982 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion:105 Resp: 377444
Ion Ratio Lower Upper
105 100
120 44.0 35.8 53.6

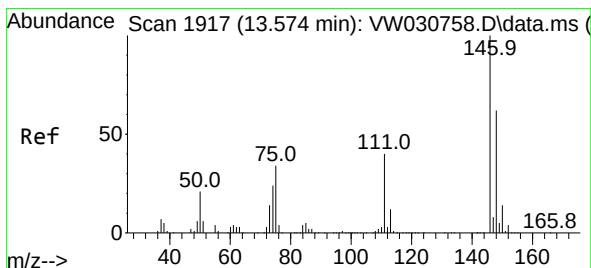
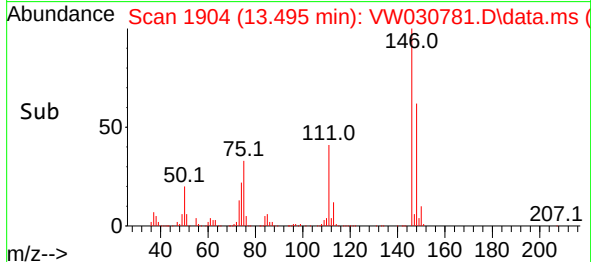
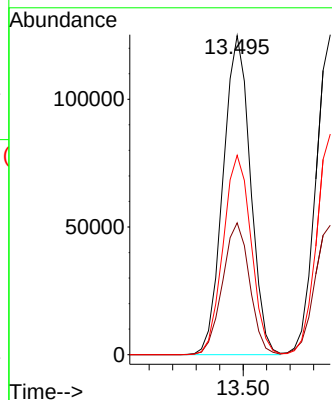
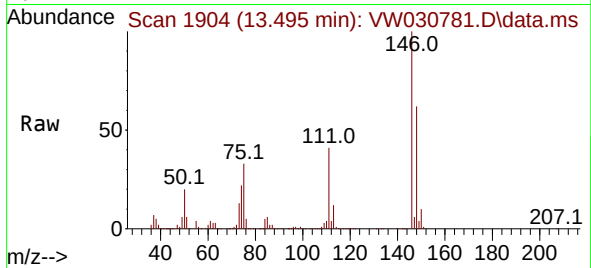




#64
1,3-Dichlorobenzene
Concen: 25.581 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

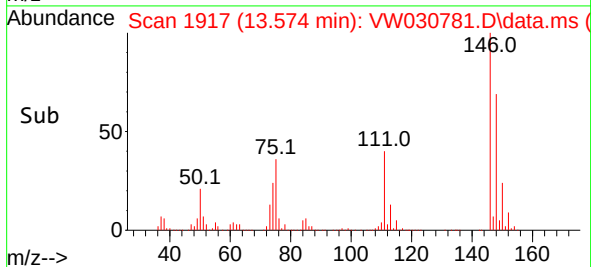
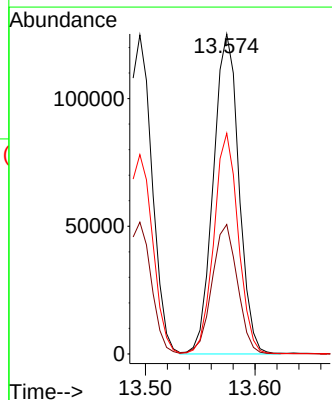
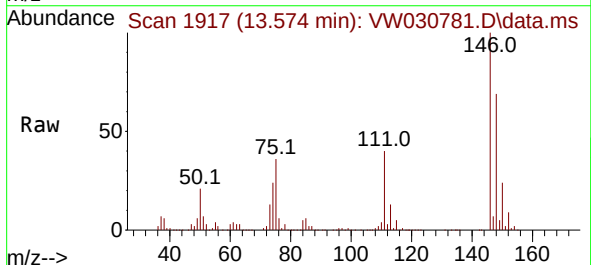
Instrument :
MSVOA_W
ClientSampleId :

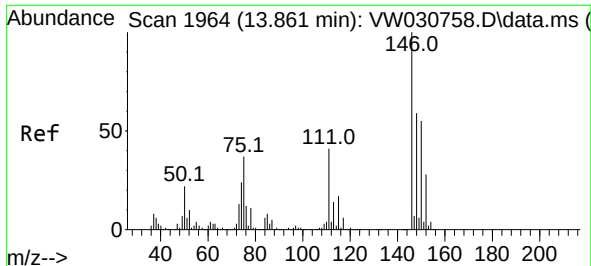
Tgt Ion:146 Resp: 201651
Ion Ratio Lower Upper
146 100
111 41.4 31.2 58.0
148 62.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.946 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030781.D
Acq: 28 Oct 2024 11:01

Tgt Ion:146 Resp: 203043
Ion Ratio Lower Upper
146 100
111 40.5 26.8 49.8
148 69.0 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 26.337 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

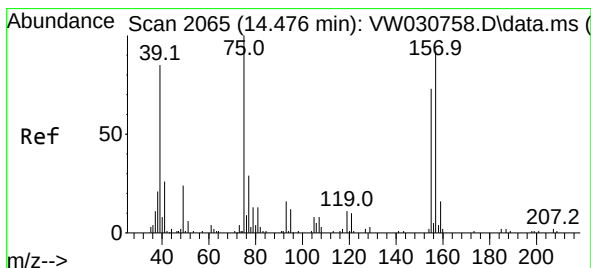
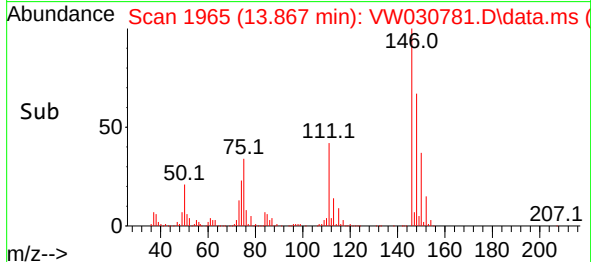
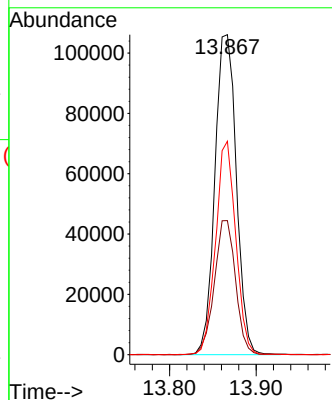
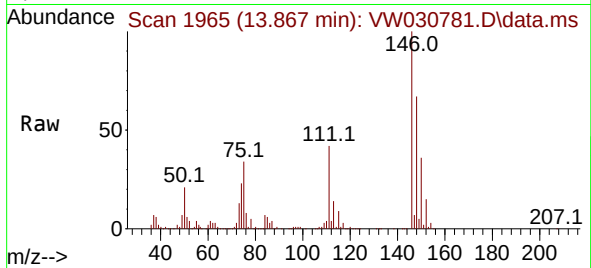
Tgt Ion:146 Resp: 182682

Ion Ratio Lower Upper

146 100

111 41.9 34.6 52.0

148 66.7 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.962 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

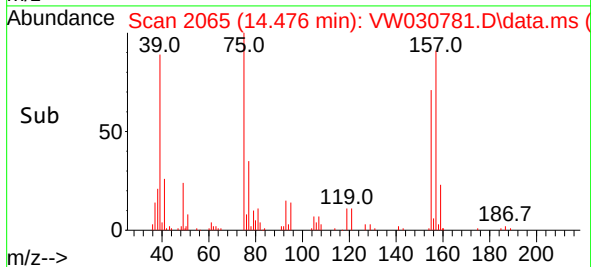
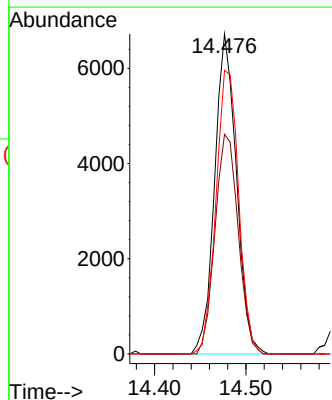
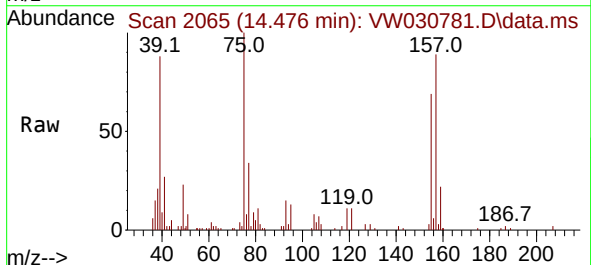
Tgt Ion: 75 Resp: 11143

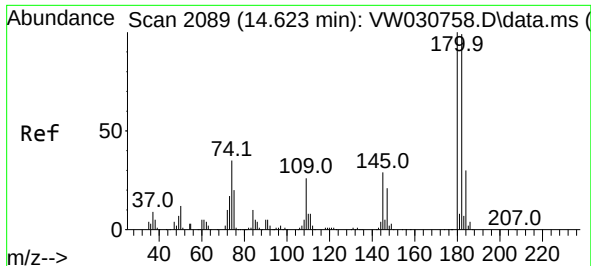
Ion Ratio Lower Upper

75 100

155 68.6 57.9 86.9

157 88.6 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.788 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

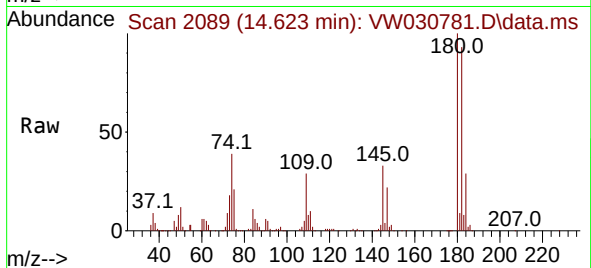
Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128848

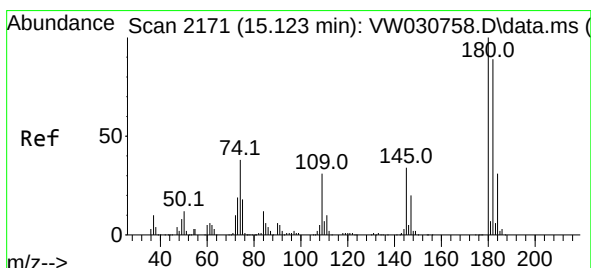
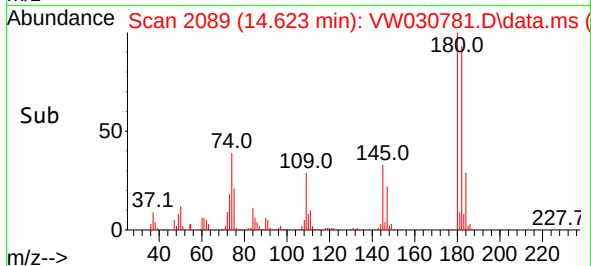
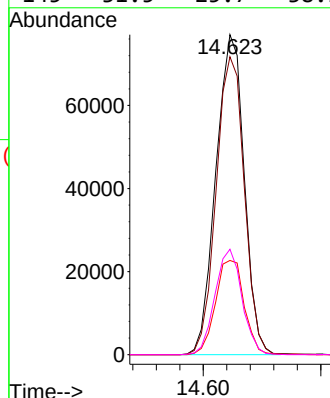
Ion Ratio Lower Upper

180 100

182 92.5 79.9 119.9

184 29.9 25.2 37.8

145 31.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.291 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

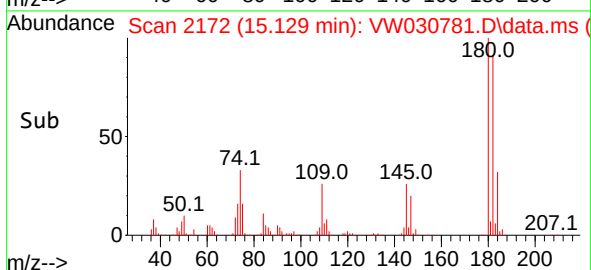
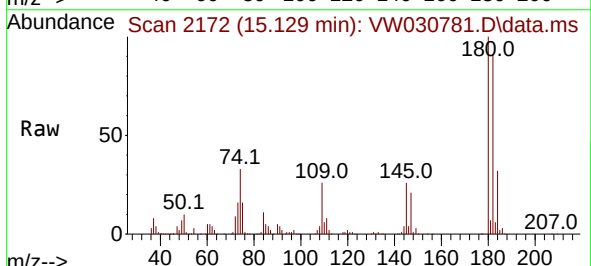
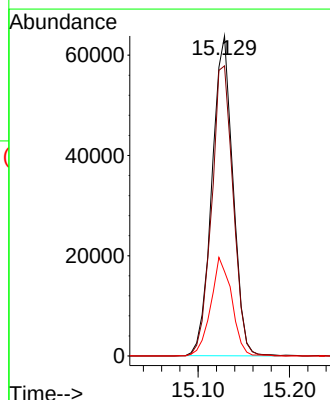
Tgt Ion:180 Resp: 101649

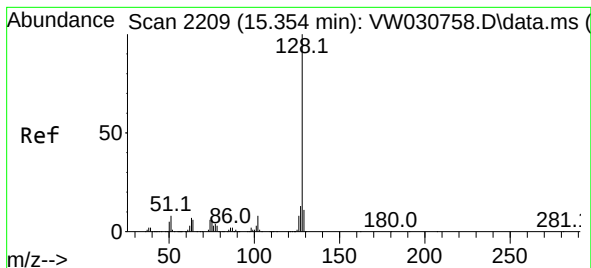
Ion Ratio Lower Upper

180 100

182 93.1 75.2 112.8

145 30.8 25.4 38.2





#71

Naphthalene

Concen: 23.894 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

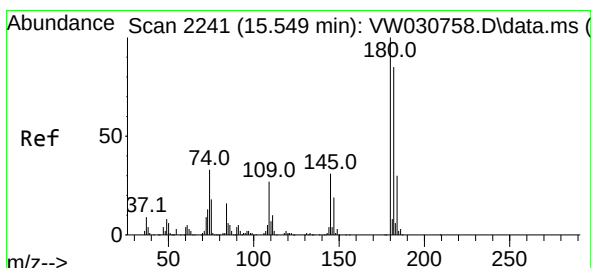
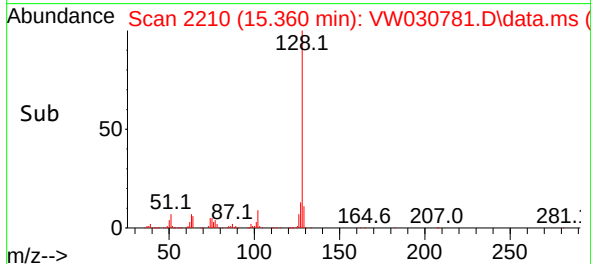
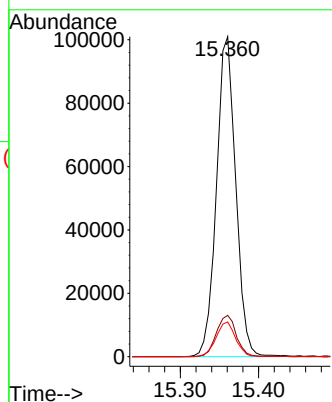
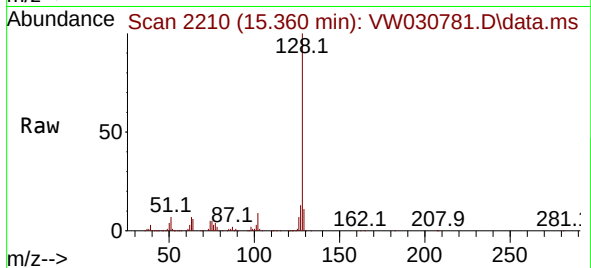
Tgt Ion:128 Resp: 172750

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.727 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030781.D

Acq: 28 Oct 2024 11:01

Tgt Ion:180 Resp: 86076

Ion Ratio Lower Upper

180 100

182 90.8 76.2 114.4

145 33.8 27.4 41.2

