

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031655.D
 Acq On : 30 Jan 2025 13:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 07:31:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	579228	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	494496	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	176951	19.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
7) Chloroethane-d5	2.893	69	138879	21.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	4.015	65	87202	21.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.240%
21) 2-Butanone-d5	7.081	46	83016	56.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.640%
24) Chloroform-d	7.642	84	368459	24.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	8.301	65	186622	25.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.160%
32) Benzene-d6	8.270	84	743040	23.922	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.270	67	223761	24.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	10.319	98	665780	23.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.575	79	85396	22.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.922	63	54792	58.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.080%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	158941	28.340	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	209437	25.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	151242	20.075	ug/L	96
3) Chloromethane	2.216	50	160937	20.611	ug/L	98
5) Vinyl chloride	2.369	62	213204	21.406	ug/L	100
6) Bromomethane	2.789	94	123197	21.163	ug/L	94
8) Chloroethane	2.936	64	120587	20.597	ug/L	98
9) Trichlorofluoromethane	3.259	101	182098	18.403	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	179689	23.717	ug/L	92
12) 1,1-Dichloroethene	4.039	96	175415	22.759	ug/L	95
13) Acetone	4.155	43	69785	62.059	ug/L	66
14) Carbon disulfide	4.387	76	558657	21.518	ug/L	99
15) Methyl Acetate	4.673	43	68318	23.191	ug/L #	74
16) Methylene chloride	4.917	84	176301	22.349	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	187954	22.704	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	289433	21.804	ug/L	99
19) 1,1-Dichloroethane	6.210	63	353888	22.722	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	204778	23.168	ug/L	97
22) 2-Butanone	7.173	43	96686	50.344	ug/L	100
23) Bromochloromethane	7.508	128	80577	23.278	ug/L	97
25) Chloroform	7.673	83	341566	23.057	ug/L	98

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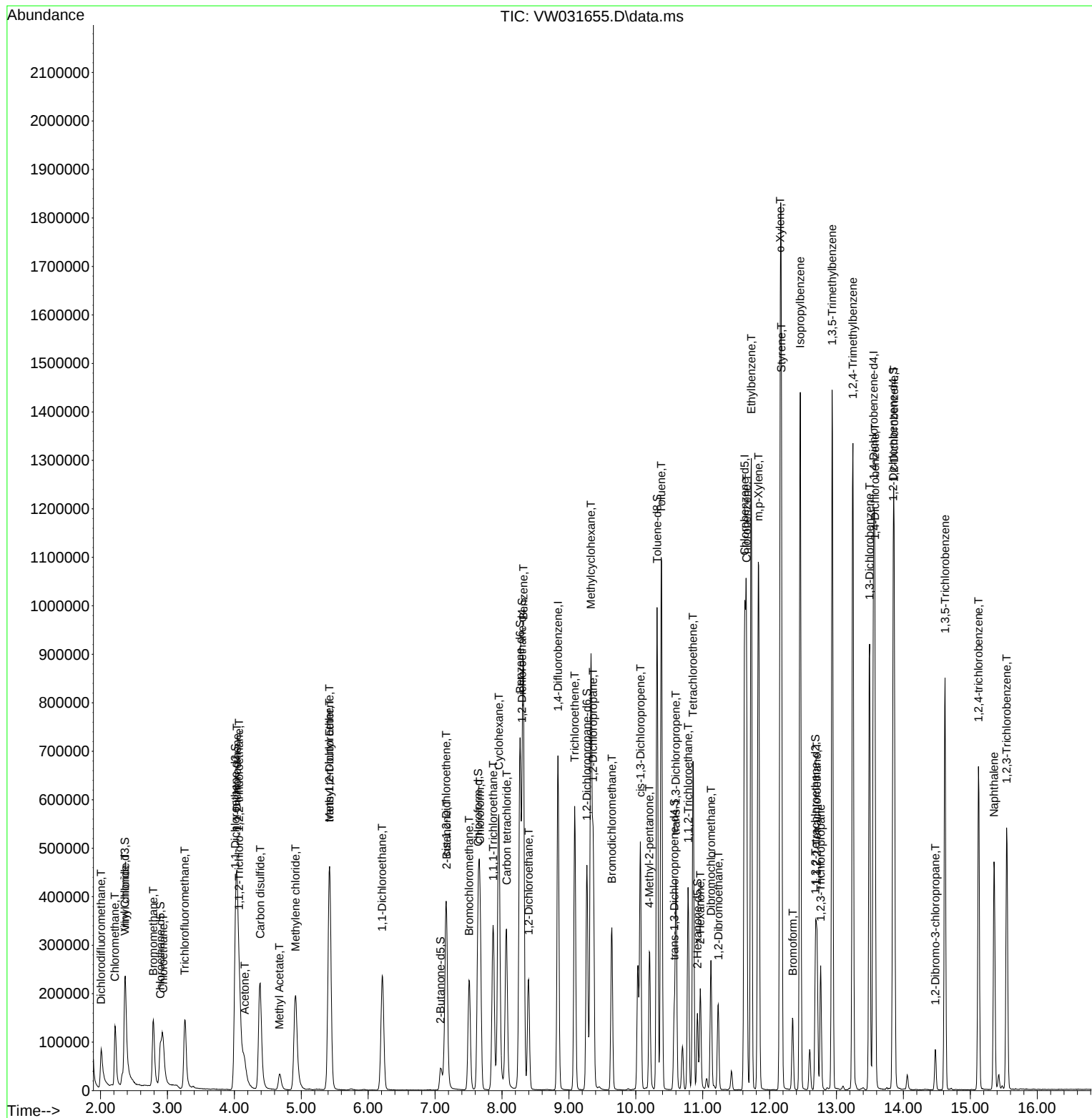
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	216371	23.714	ug/L	99
29) Cyclohexane	7.953	56	357252	22.541	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	287782	22.419	ug/L	98
31) Carbon tetrachloride	8.069	117	256423	22.530	ug/L	99
33) Benzene	8.319	78	784216	23.172	ug/L	100
34) Trichloroethene	9.087	95	208772	22.945	ug/L	98
35) Methylcyclohexane	9.331	83	378039	23.174	ug/L	99
37) 1,2-Dichloropropane	9.361	63	194619	22.880	ug/L	100
38) Bromodichloromethane	9.642	83	234013	22.743	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	305330	22.818	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	192934	45.441	ug/L	99
42) Toluene	10.380	91	817467	23.107	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	239786	22.419	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	128902	23.642	ug/L	91
46) Tetrachloroethene	10.855	164	148042	22.673	ug/L	92
48) 2-Hexanone	10.965	43	128373	49.477	ug/L	97
49) Dibromochloromethane	11.123	129	139817	23.307	ug/L	95
50) 1,2-Dibromoethane	11.233	107	122526	24.247	ug/L	95
51) Chlorobenzene	11.654	112	506692	23.194	ug/L	98
52) Ethylbenzene	11.727	91	943121	23.234	ug/L	97
53) m,p-Xylene	11.837	106	360935	23.320	ug/L	95
54) o-Xylene	12.160	106	335505	23.325	ug/L	96
55) Styrene	12.178	104	567833	23.725	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	145663	24.313	ug/L	99
59) Bromoform	12.349	173	66583	20.992	ug/L	99
60) Isopropylbenzene	12.458	105	950172	22.850	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107207	23.983	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	772896	22.573	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	748386	22.457	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	366571	22.226	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	374640	22.967	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	321873	22.853	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22464	22.478	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	241754	21.630	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	194141	21.808	ug/L	97
71) Naphthalene	15.354	128	406912	24.376	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	175583	23.418	ug/L	98

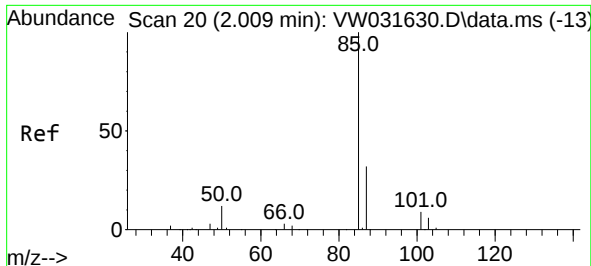
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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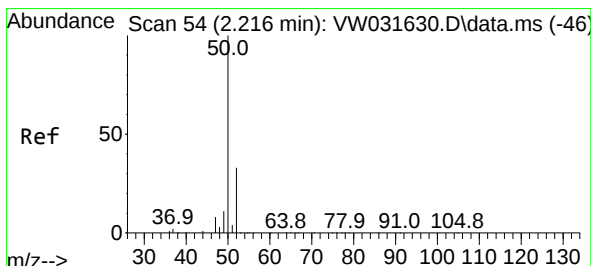
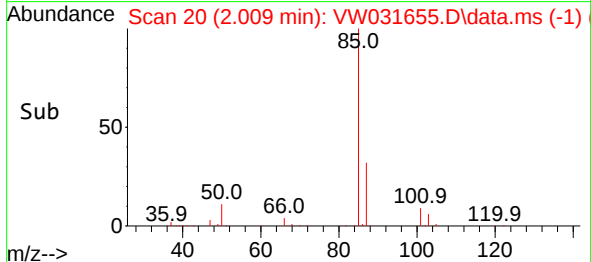
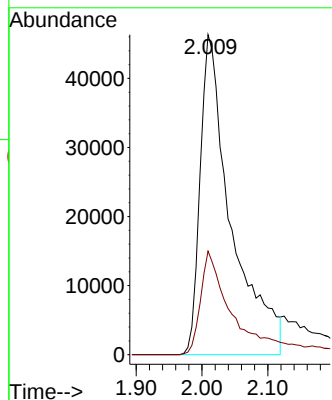
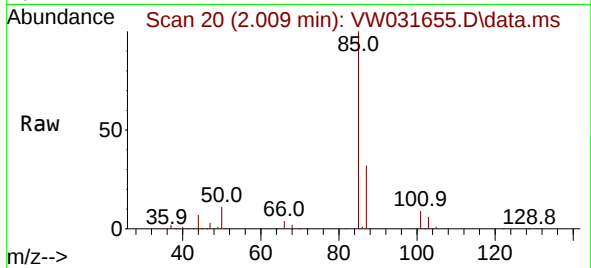




#2
 Dichlorodifluoromethane
 Concen: 20.075 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

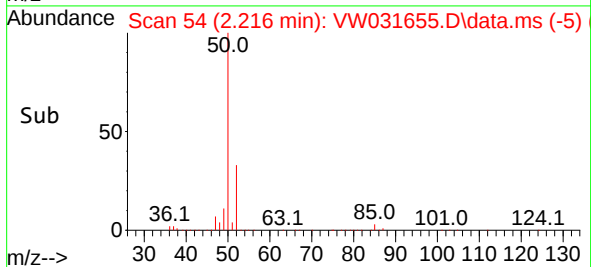
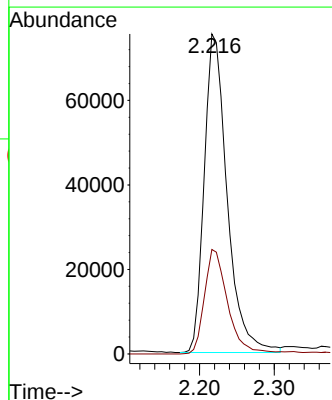
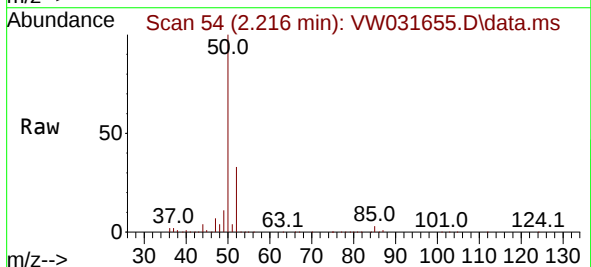
Instrument :
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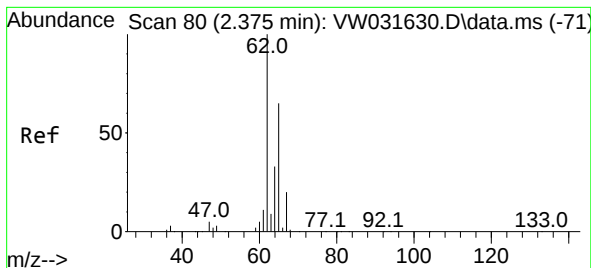
Tgt Ion: 85 Resp: 151242
 Ion Ratio Lower Upper
 85 100
 87 29.0 25.0 37.4



#3
 Chloromethane
 Concen: 20.611 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

Tgt Ion: 50 Resp: 160937
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.3





#5

Vinyl chloride

Concen: 21.406 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

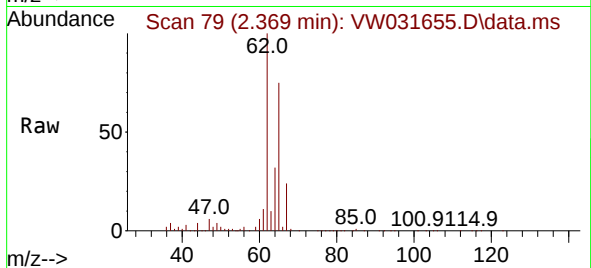
Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :

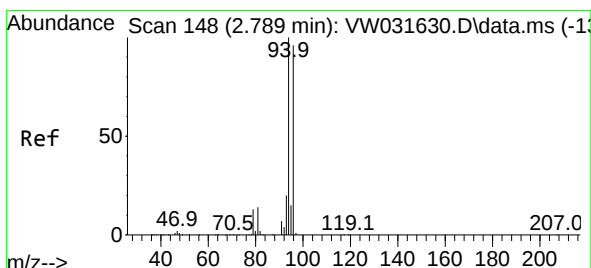
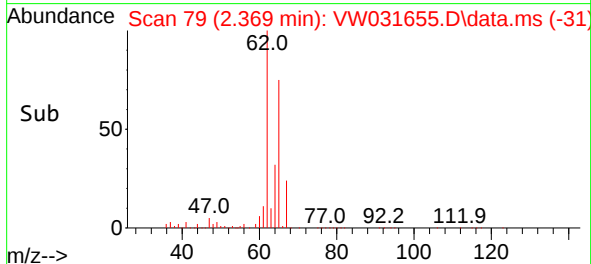
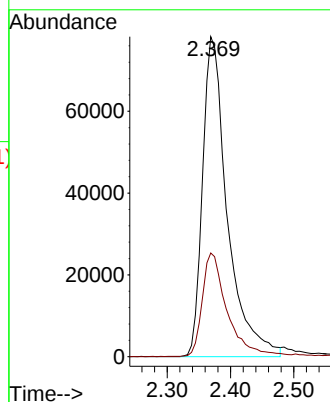


Tgt Ion: 62 Resp: 213204

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.3



#6

Bromomethane

Concen: 21.163 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031655.D

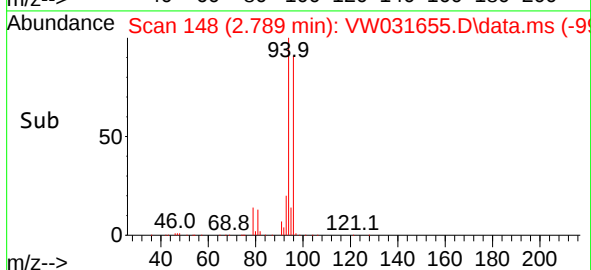
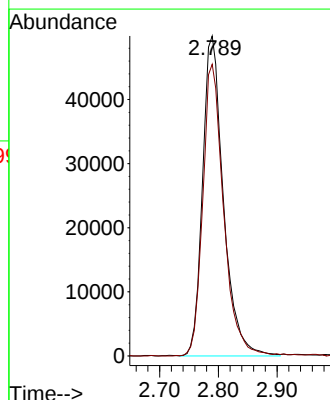
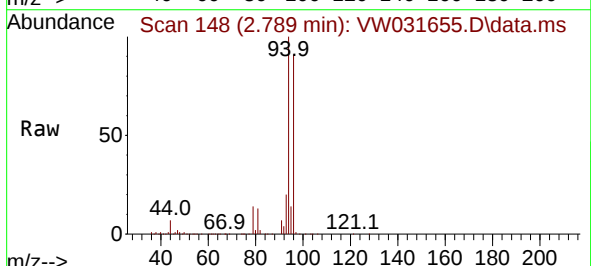
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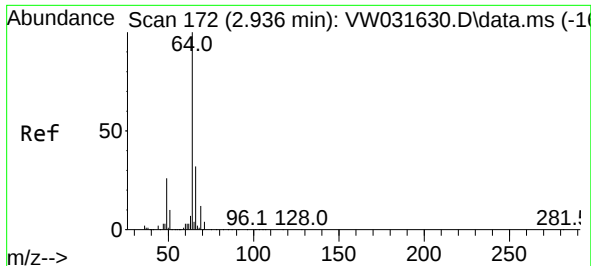
Tgt Ion: 94 Resp: 123197

Ion Ratio Lower Upper

94 100

96 91.1 67.6 125.6

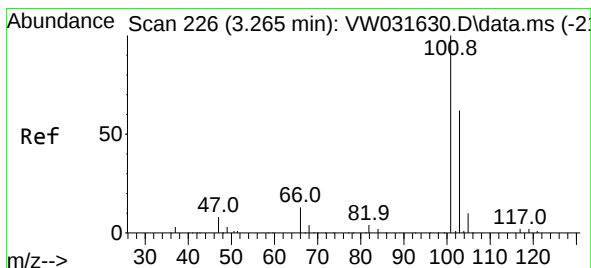
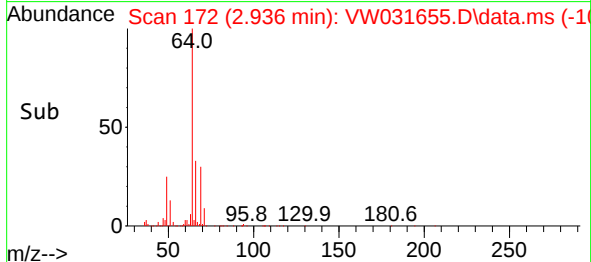
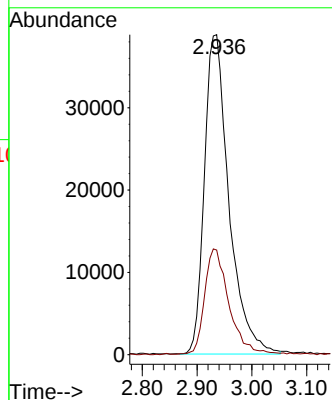
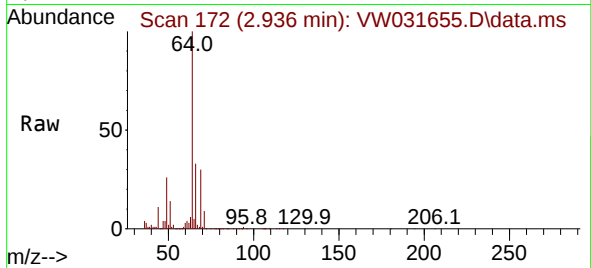




#8
Chloroethane
Concen: 20.597 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

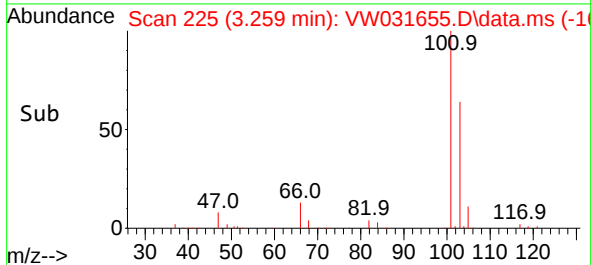
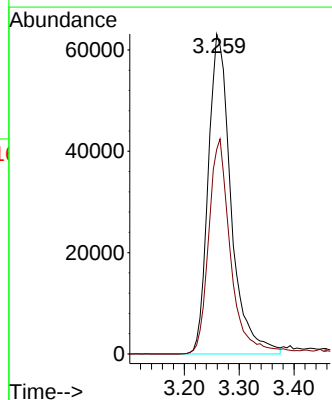
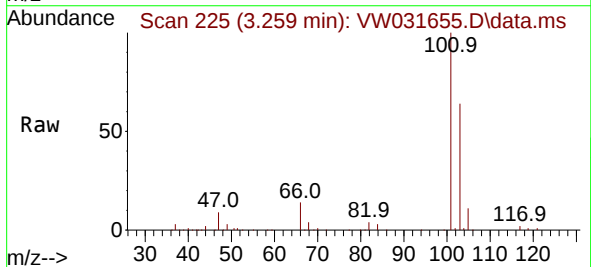
Instrument :
MSVOA_W
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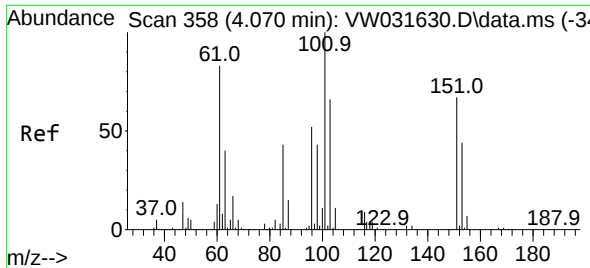
Tgt Ion: 64 Resp: 120587
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 18.403 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion:101 Resp: 182098
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

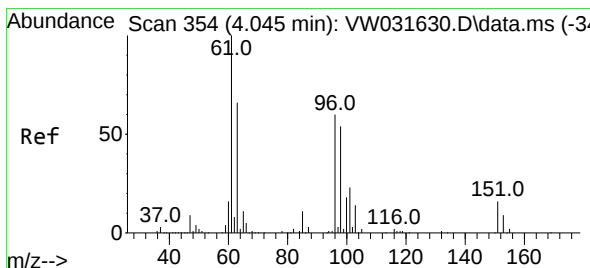
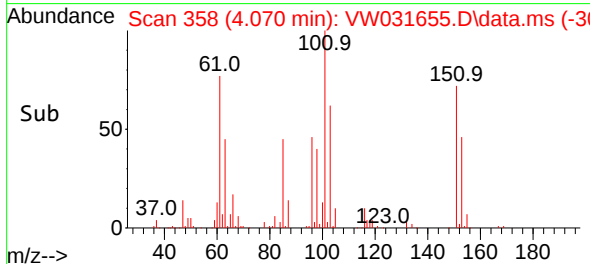
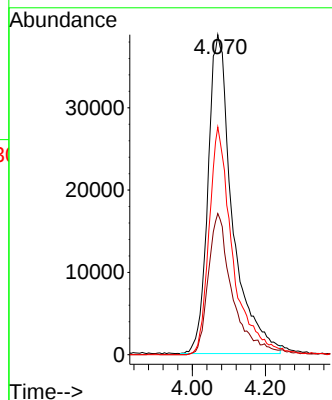
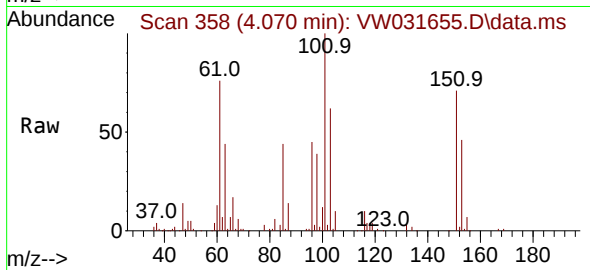




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.717 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

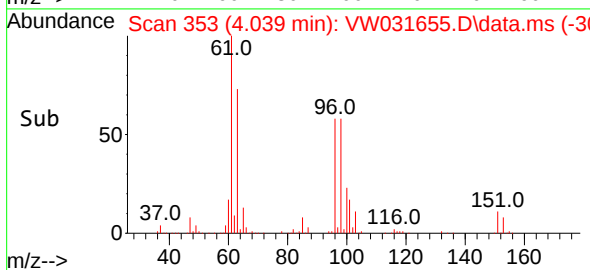
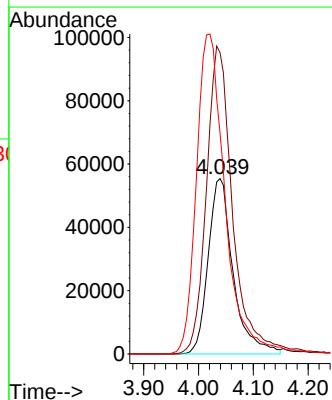
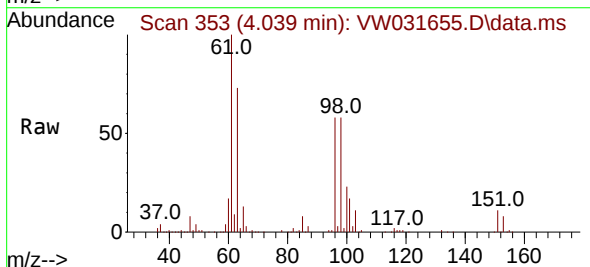
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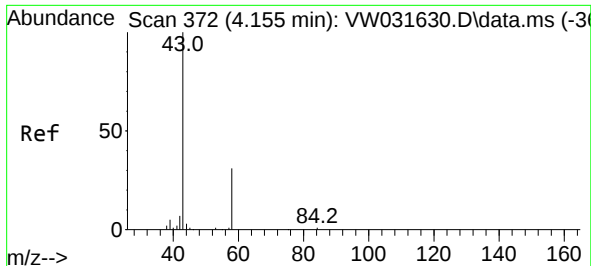
Tgt Ion:101 Resp: 179689
 Ion Ratio Lower Upper
 101 100
 85 40.9 36.1 54.1
 151 64.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 22.759 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

Tgt Ion: 96 Resp: 175415
 Ion Ratio Lower Upper
 96 100
 61 171.8 123.8 230.0
 63 126.0 94.1 174.8

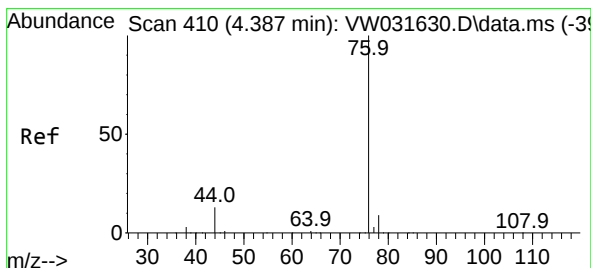
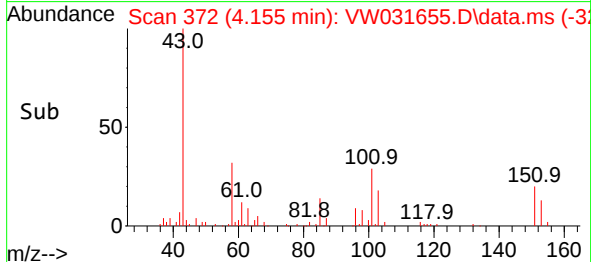
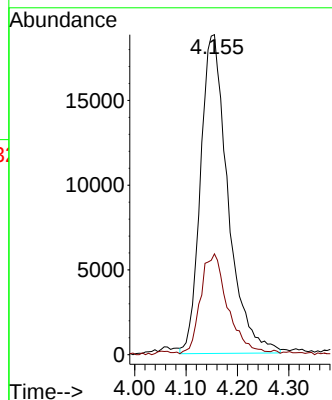
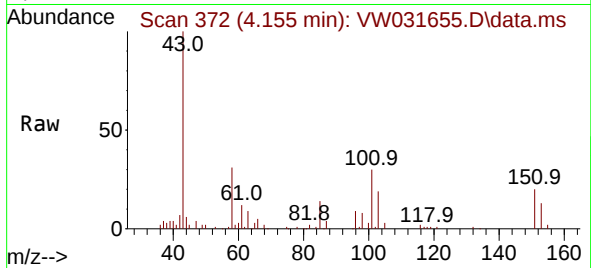




#13
Acetone
Concen: 62.059 ug/L
RT: 4.155 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

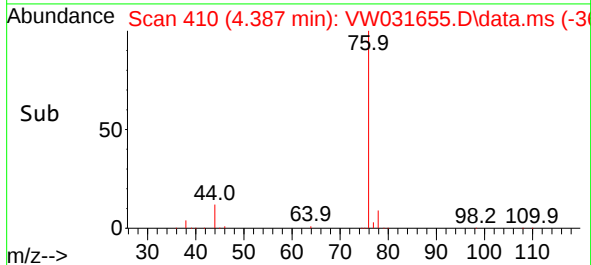
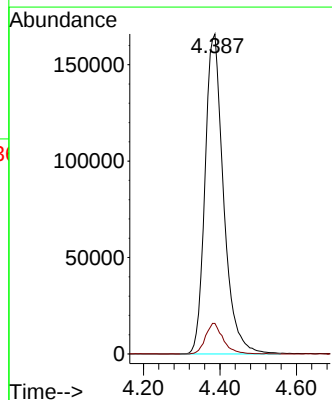
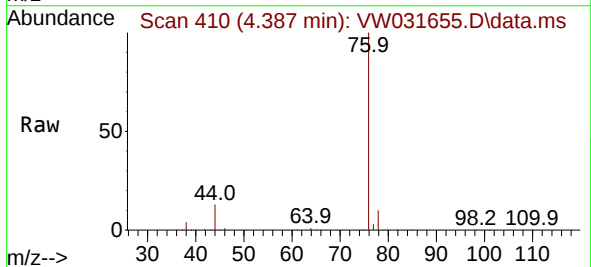
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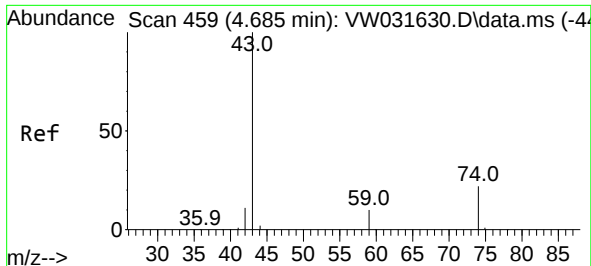
Tgt Ion: 43 Resp: 69785
Ion Ratio Lower Upper
43 100
58 0.2 0.0 28.2



#14
Carbon disulfide
Concen: 21.518 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion: 76 Resp: 558657
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

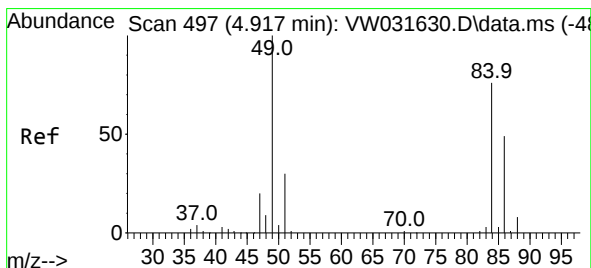
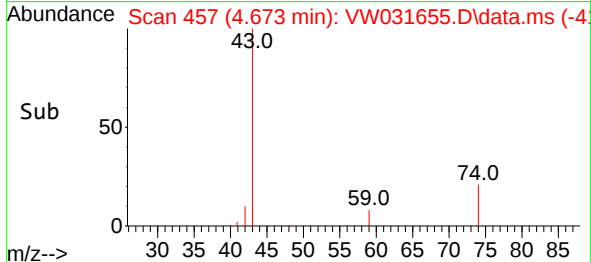
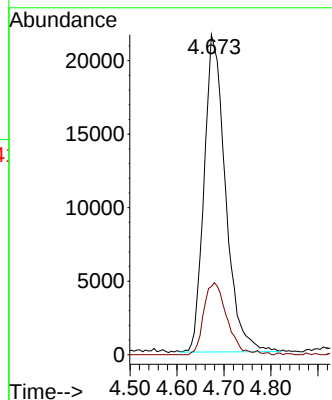
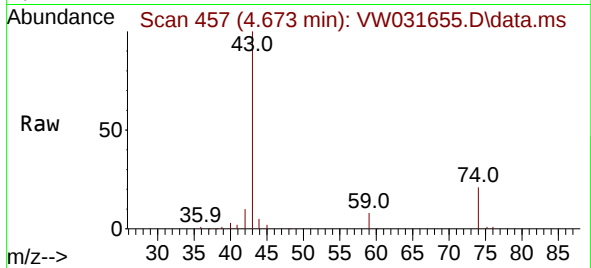




#15
Methyl Acetate
Concen: 23.191 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

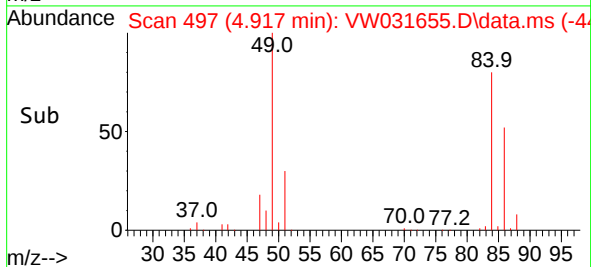
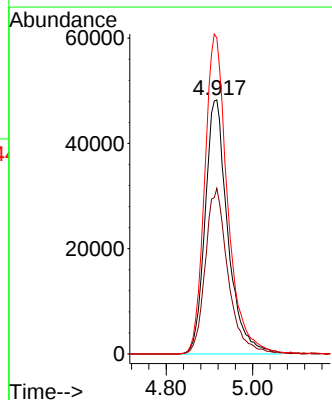
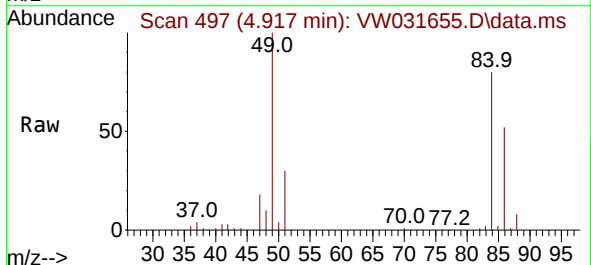
Instrument :
MSVOA_W
ClientSampleId :

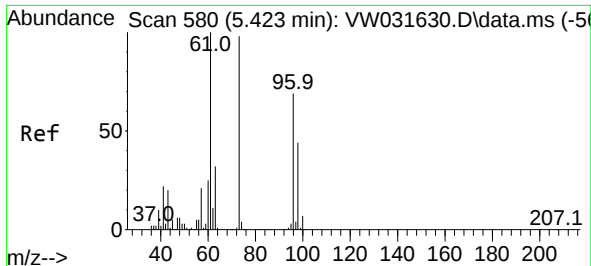
Tgt Ion: 43 Resp: 68318
Ion Ratio Lower Upper
43 100
74 23.8 10.6 15.8#



#16
Methylene chloride
Concen: 22.349 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

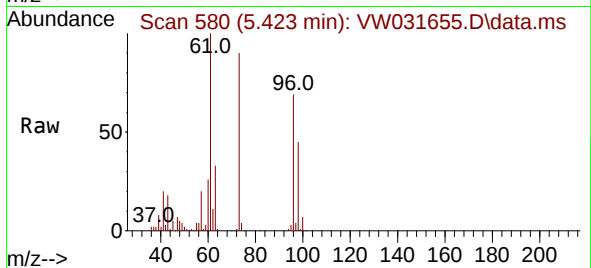
Tgt Ion: 84 Resp: 176301
Ion Ratio Lower Upper
84 100
86 65.2 47.0 87.2
49 124.4 89.8 166.8





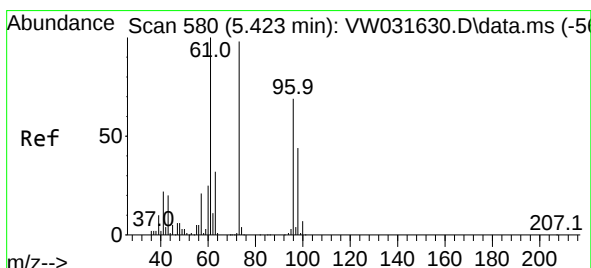
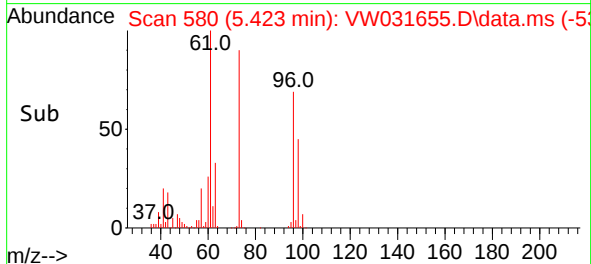
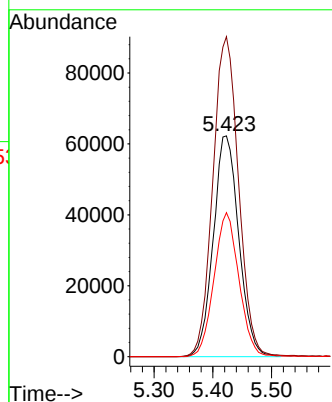
#17
 trans-1,2-Dichloroethene
 Concen: 22.704 ug/L
 RT: 5.423 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 187954

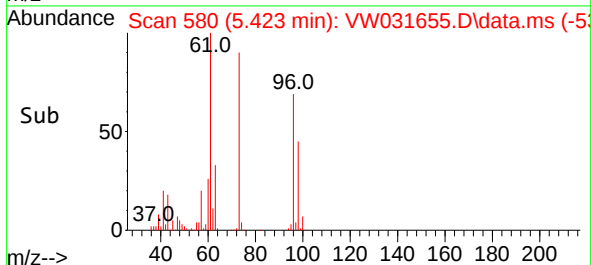
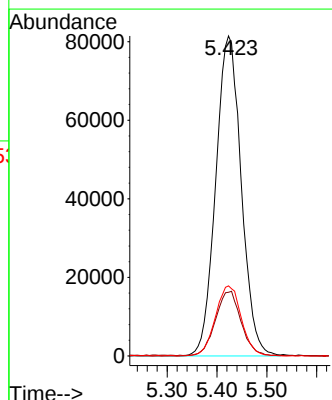
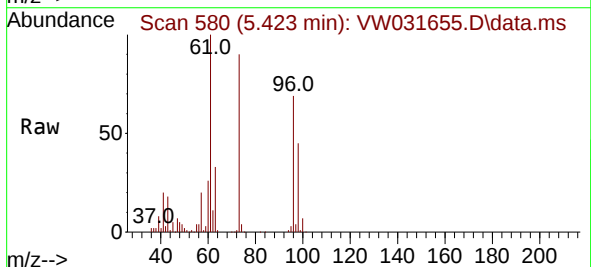
Ion	Ratio	Lower	Upper
96	100		
61	144.9	105.1	195.1
98	65.2	44.9	83.3

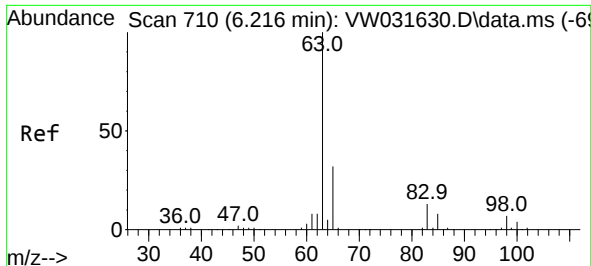


#18
 Methyl tert-butyl Ether
 Concen: 21.804 ug/L
 RT: 5.423 min Scan# 580
 Delta R.T. 0.000 min
 Lab File: VW031655.D
 Acq: 30 Jan 2025 13:42

Tgt Ion: 73 Resp: 289433

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.4	24.6
57	22.0	18.2	27.2

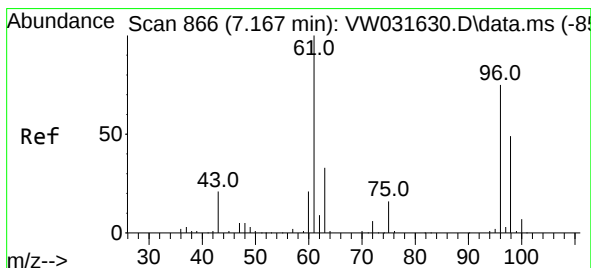
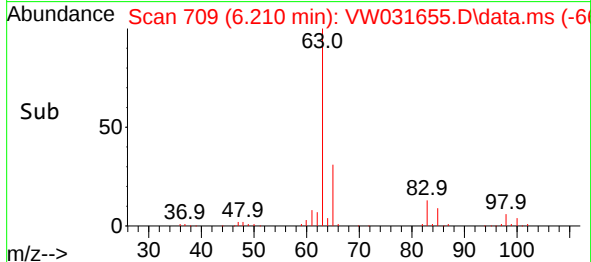
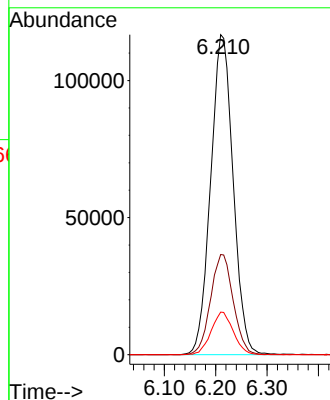
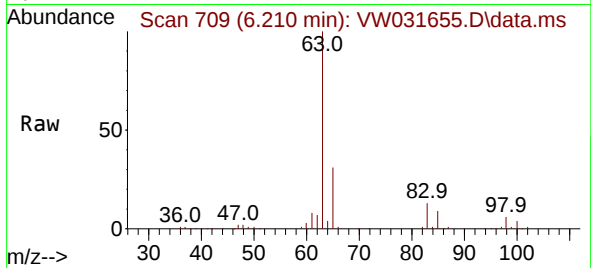




#19
1,1-Dichloroethane
Concen: 22.722 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

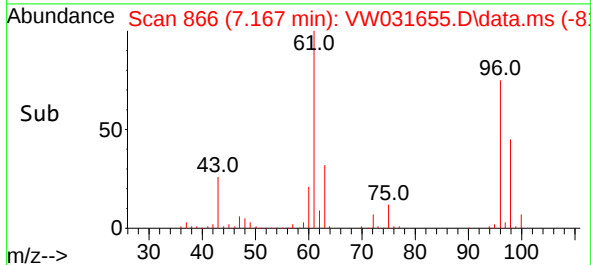
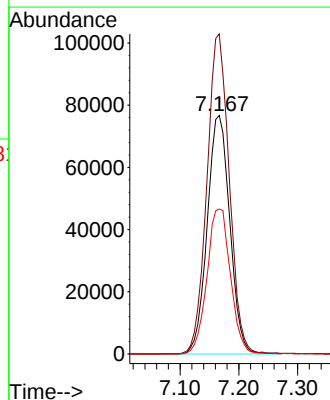
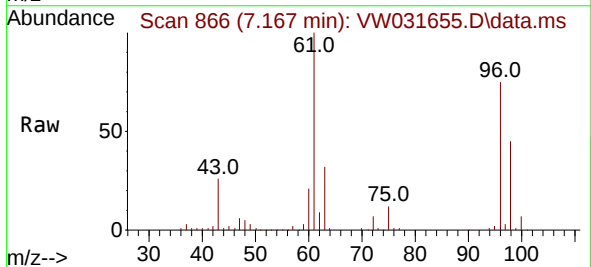
Instrument :
MSVOA_W
ClientSampleId :

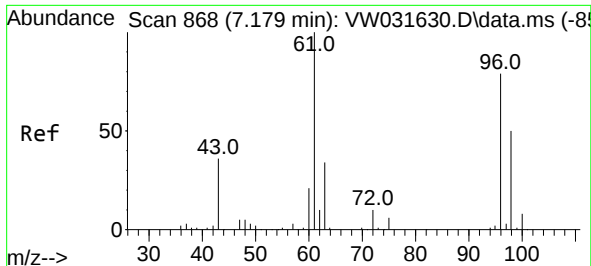
Tgt Ion: 63 Resp: 353888
Ion Ratio Lower Upper
63 100
65 31.3 22.0 41.0
83 13.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 23.168 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

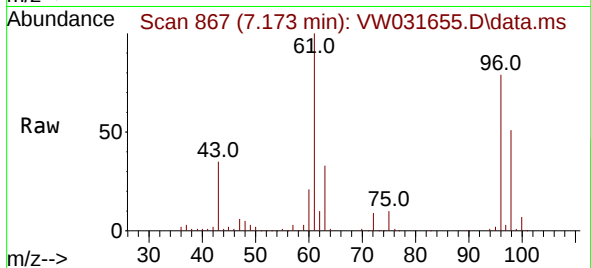
Tgt Ion: 96 Resp: 204778
Ion Ratio Lower Upper
96 100
61 134.2 94.8 176.2
98 60.8 45.6 84.8



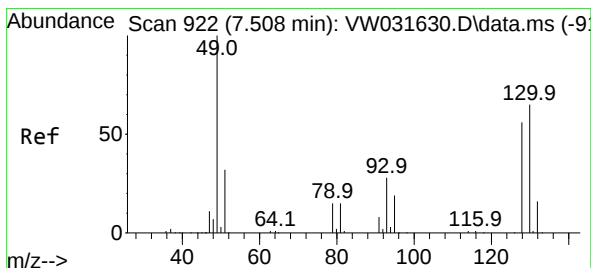
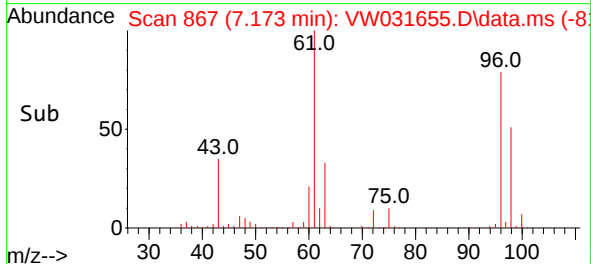
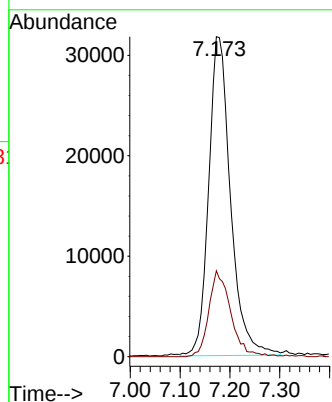


#22
2-Butanone
Concen: 50.344 ug/L
RT: 7.173 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Instrument :
MSVOA_W
ClientSampleId :

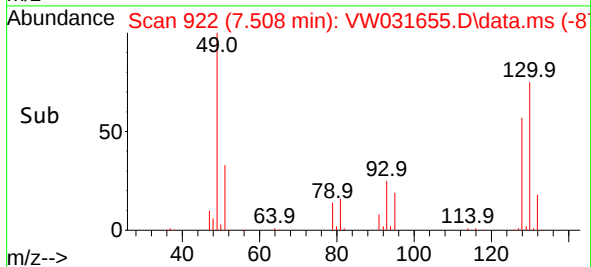
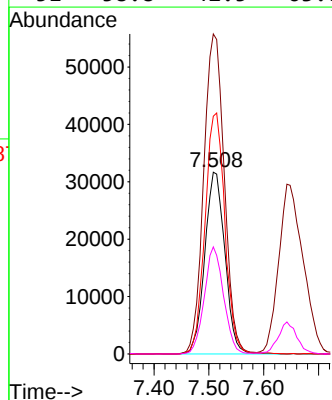
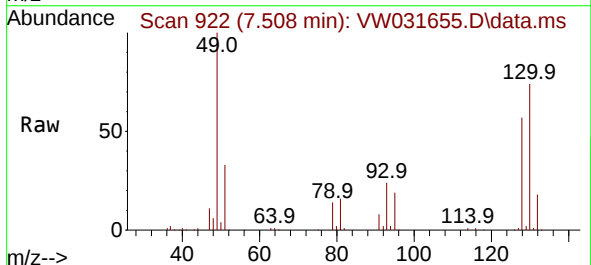


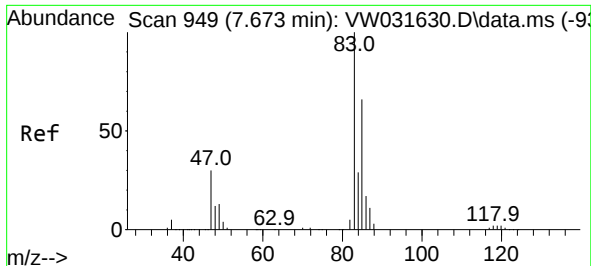
Tgt Ion: 43 Resp: 96686
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.5



#23
Bromochloromethane
Concen: 23.278 ug/L
RT: 7.508 min Scan# 922
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion:128 Resp: 80577
Ion Ratio Lower Upper
128 100
49 176.0 123.9 230.1
130 130.8 88.1 163.7
51 58.8 42.5 63.7

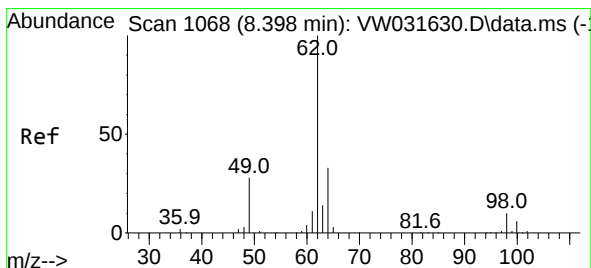
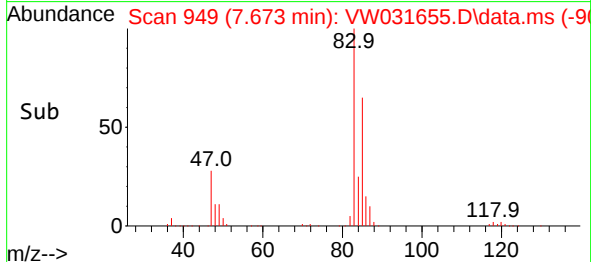
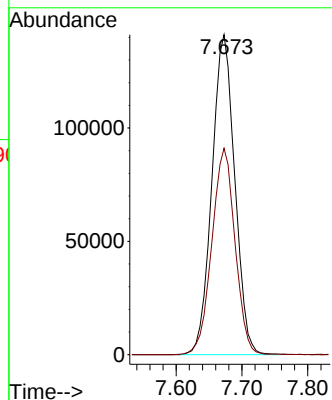
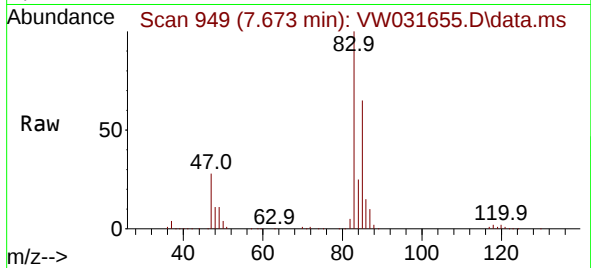




#25
Chloroform
Concen: 23.057 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

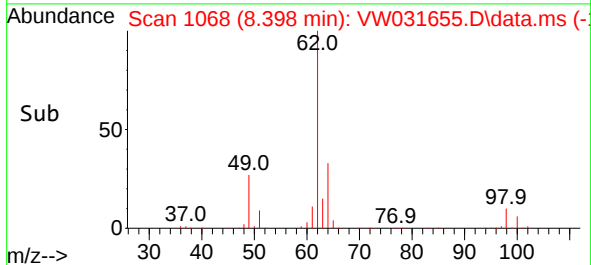
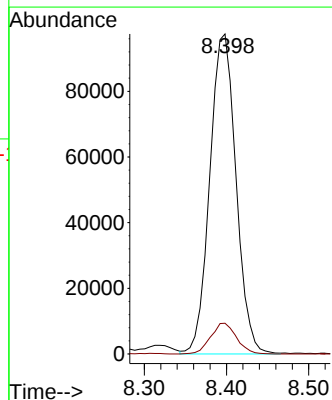
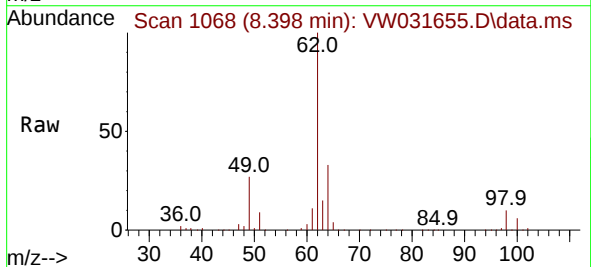
Instrument :
MSVOA_W
ClientSampleId :

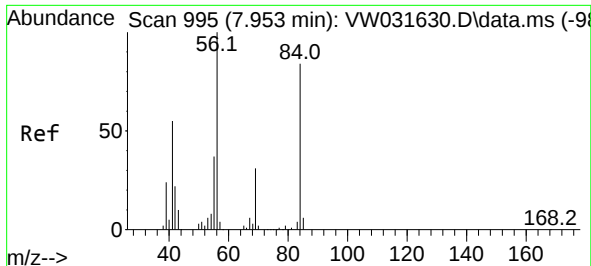
Tgt Ion: 83 Resp: 341566
Ion Ratio Lower Upper
83 100
85 64.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 23.714 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion: 62 Resp: 216371
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#29

Cyclohexane

Concen: 22.541 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

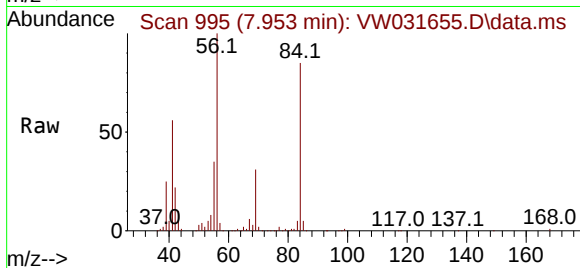
Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :



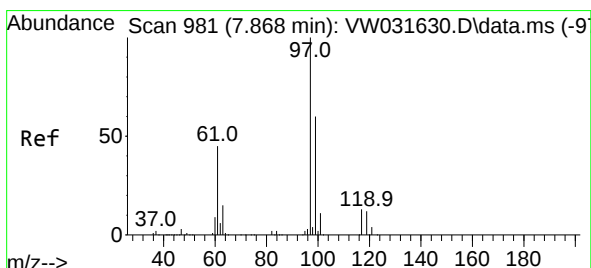
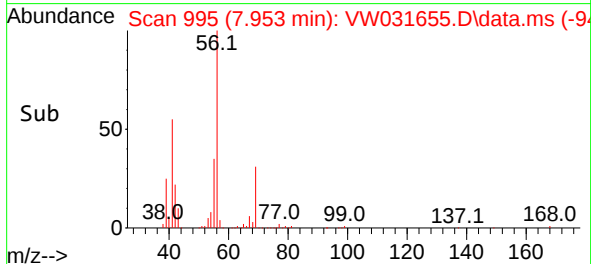
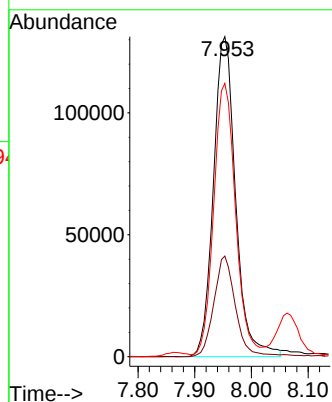
Tgt Ion: 56 Resp: 357252

Ion Ratio Lower Upper

56 100

69 30.4 25.2 37.8

84 83.7 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 22.419 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

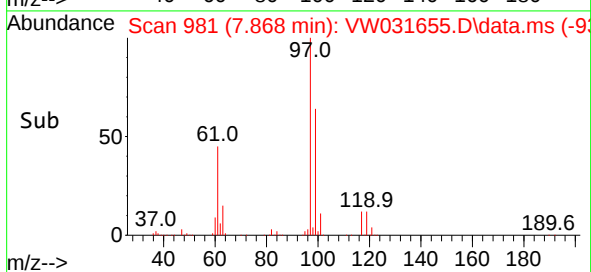
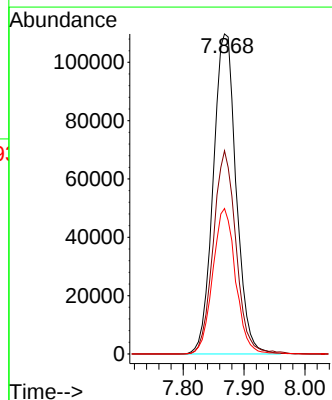
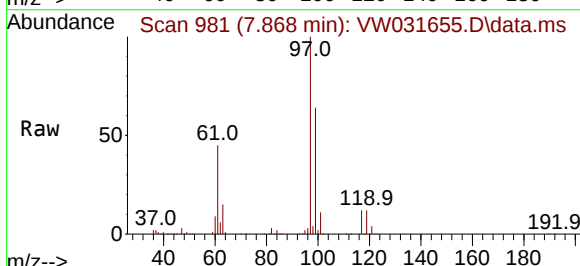
Tgt Ion: 97 Resp: 287782

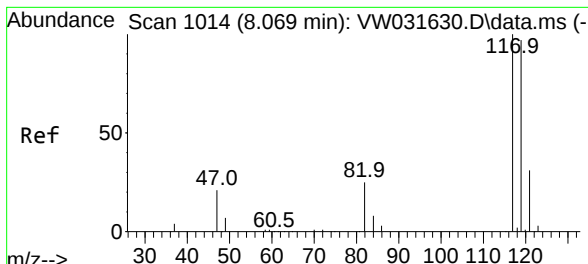
Ion Ratio Lower Upper

97 100

99 63.1 52.2 78.4

61 45.4 36.9 55.3

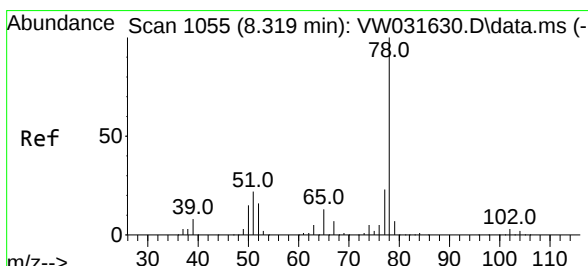
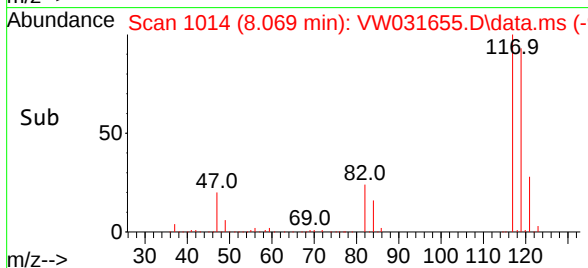
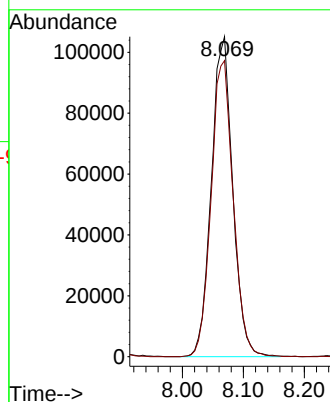
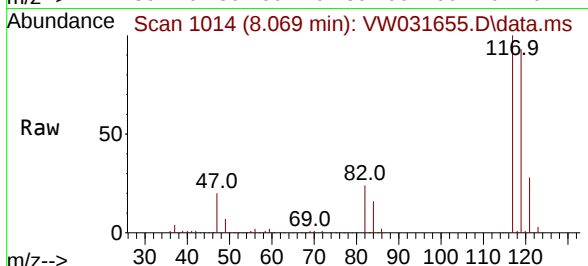




#31
Carbon tetrachloride
Concen: 22.530 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

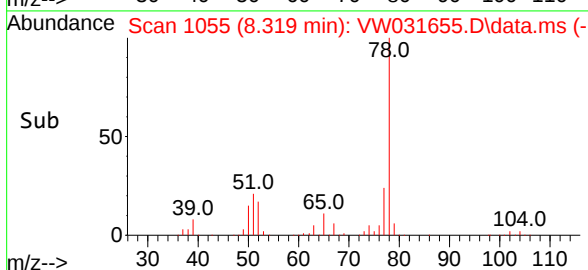
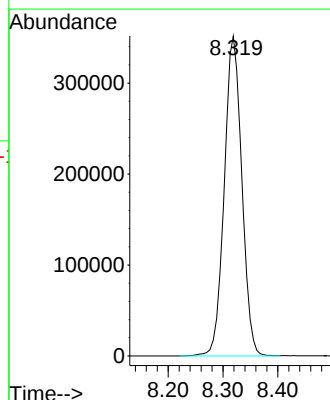
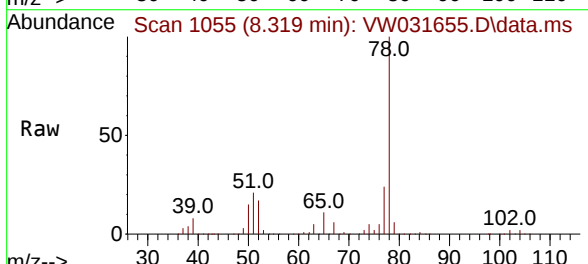
Instrument :
MSVOA_W
ClientSampleId :

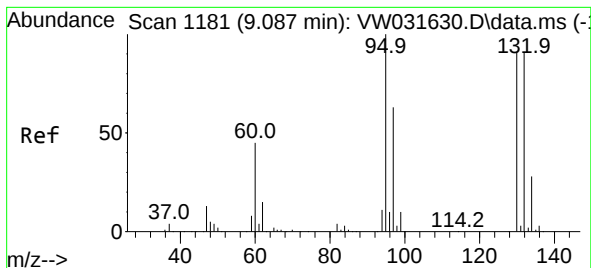
Tgt Ion:117 Resp: 256423
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 23.172 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion: 78 Resp: 784216





#34

Trichloroethene

Concen: 22.945 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

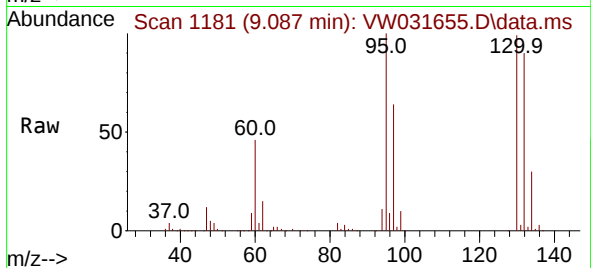
Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 208772

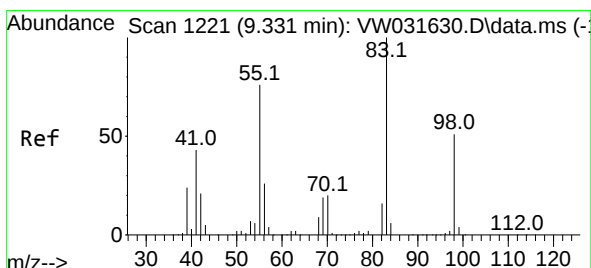
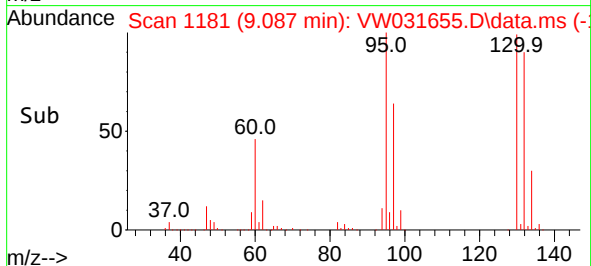
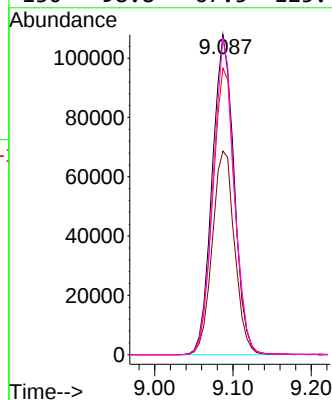
Ion Ratio Lower Upper

95 100

97 63.7 44.0 81.6

132 89.5 64.6 120.0

130 98.8 67.5 125.4



#35

Methylcyclohexane

Concen: 23.174 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

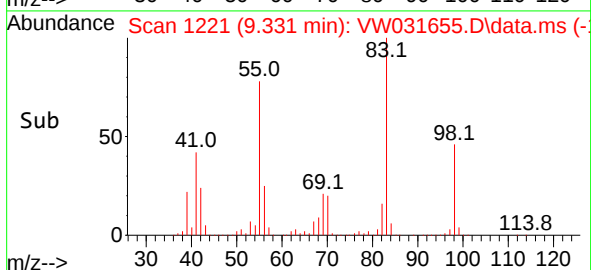
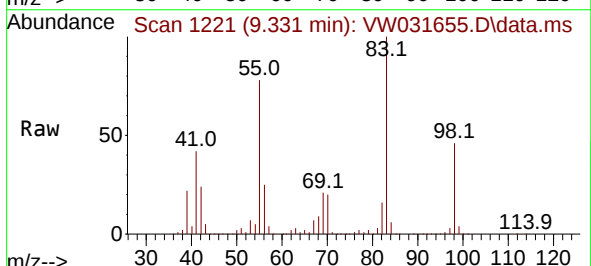
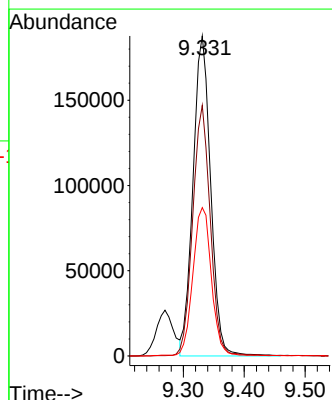
Tgt Ion: 83 Resp: 378039

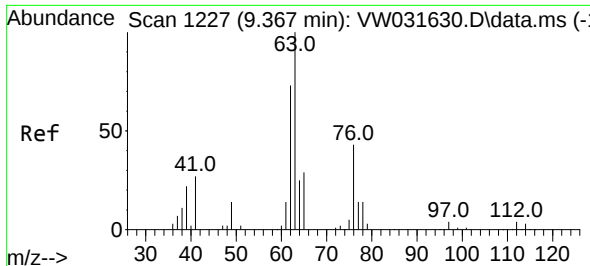
Ion Ratio Lower Upper

83 100

55 77.9 63.4 95.2

98 48.0 38.8 58.2





#37

1,2-Dichloropropane

Concen: 22.880 ug/L

RT: 9.361 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

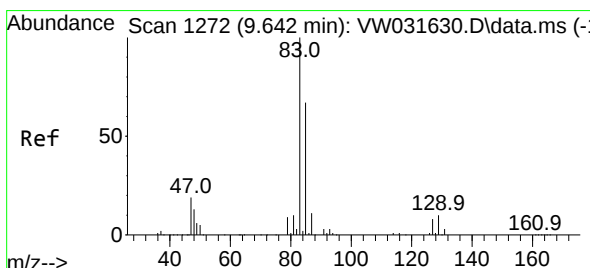
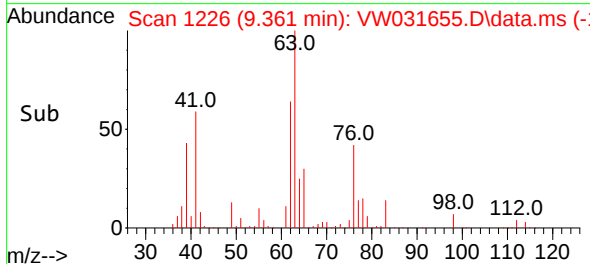
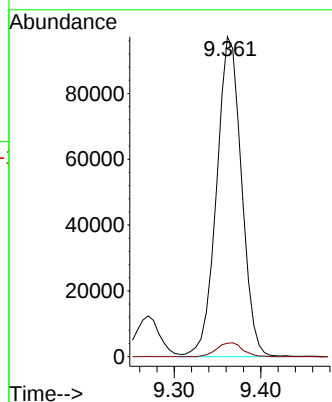
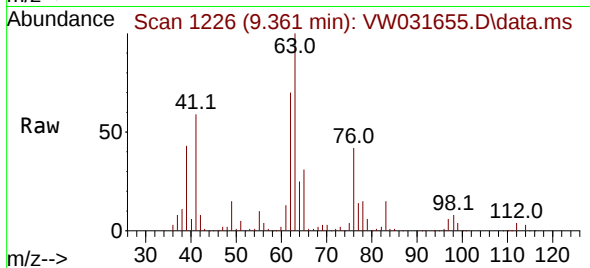
ClientSampleId :

Tgt Ion: 63 Resp: 194619

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 22.743 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

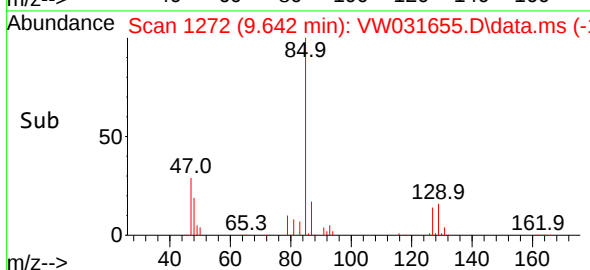
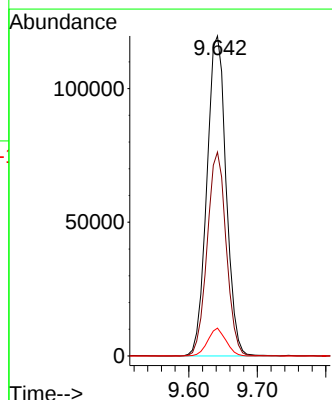
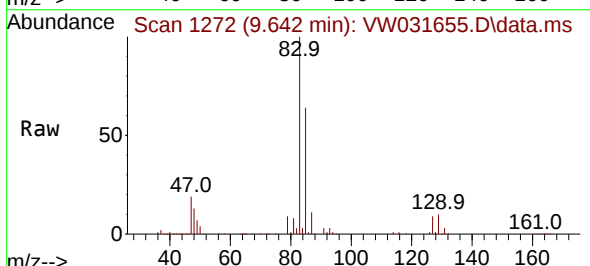
Tgt Ion: 83 Resp: 234013

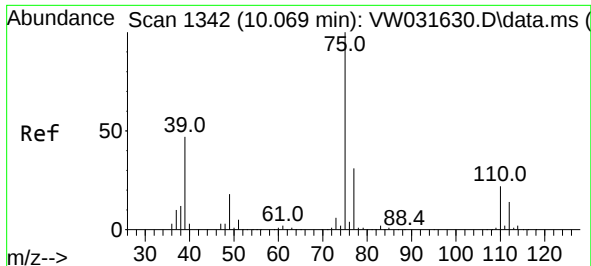
Ion Ratio Lower Upper

83 100

85 63.7 43.8 81.3

127 8.7 6.2 9.4

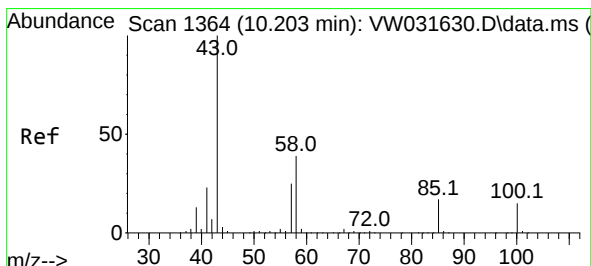
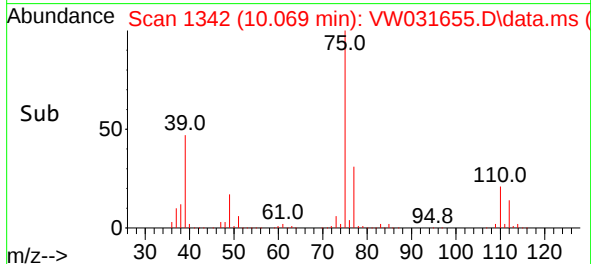
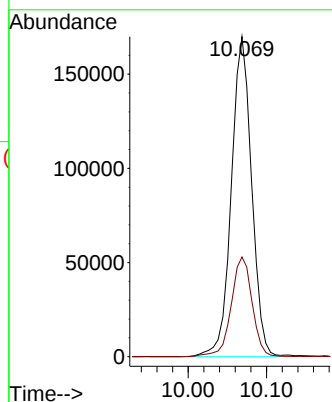
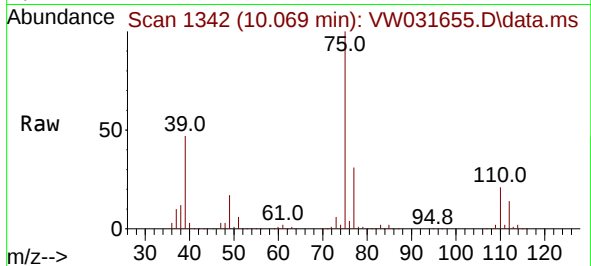




#39
cis-1,3-Dichloropropene
Concen: 22.818 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

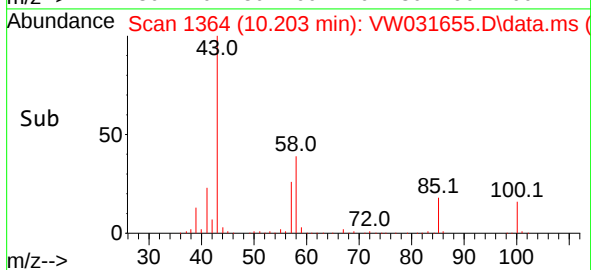
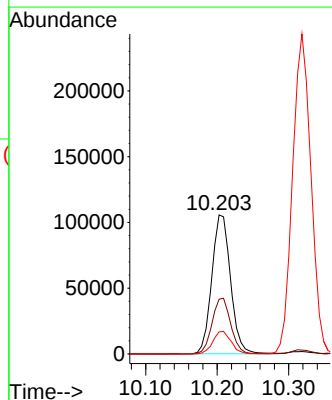
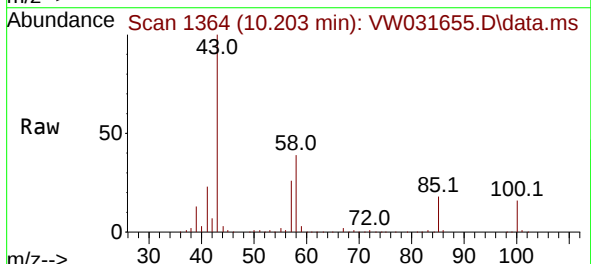
Instrument :
MSVOA_W
ClientSampleId :

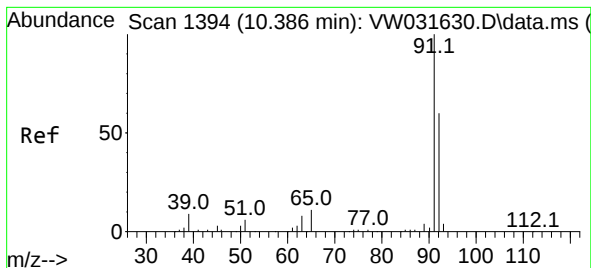
Tgt Ion: 75 Resp: 305330
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 45.441 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion: 43 Resp: 192934
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2
100 15.8 12.3 18.5





#42

Toluene

Concen: 23.107 ug/L

RT: 10.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

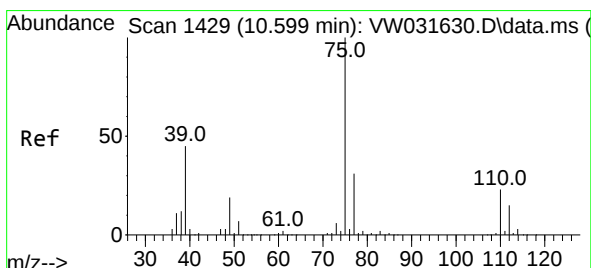
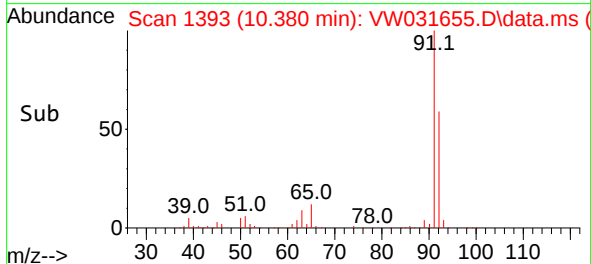
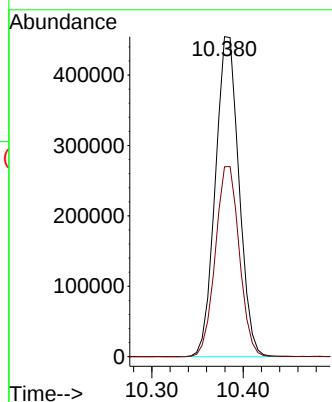
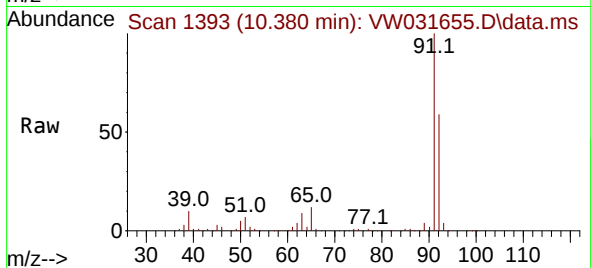
ClientSampleId :

Tgt Ion: 91 Resp: 817467

Ion Ratio Lower Upper

91 100

92 59.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 22.419 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VW031655.D

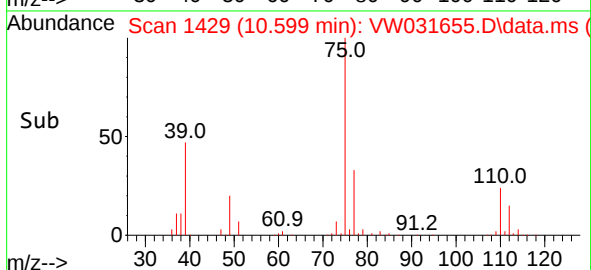
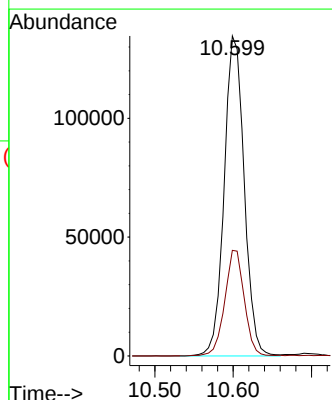
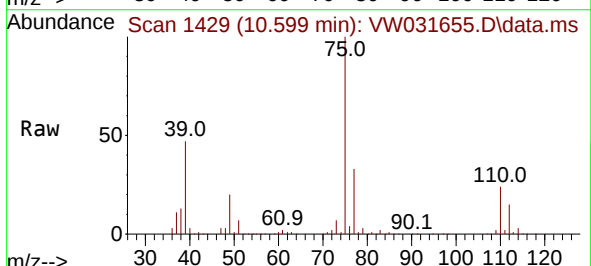
Acq: 30 Jan 2025 13:42

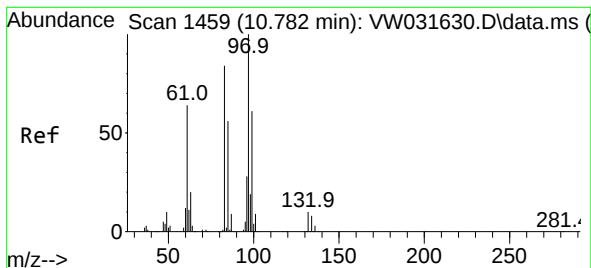
Tgt Ion: 75 Resp: 239786

Ion Ratio Lower Upper

75 100

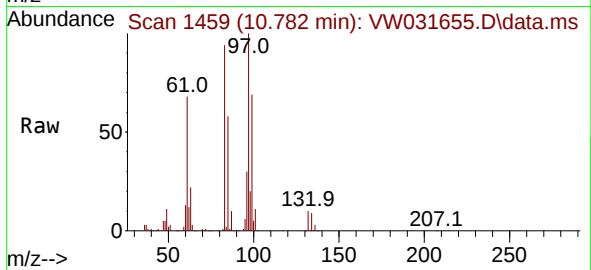
77 33.0 22.5 41.9





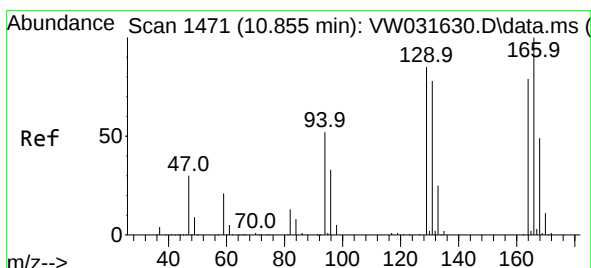
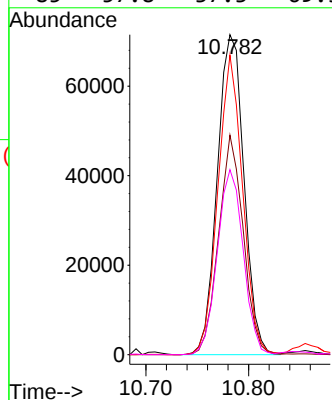
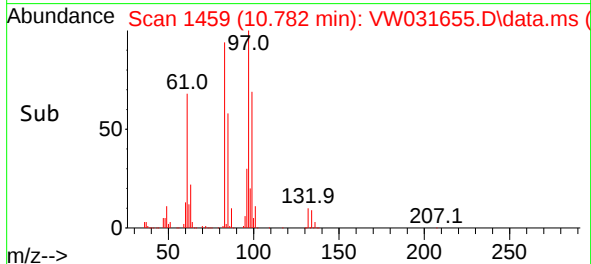
#45
1,1,2-Trichloroethane
Concen: 23.642 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Instrument :
MSVOA_W
ClientSampleId :

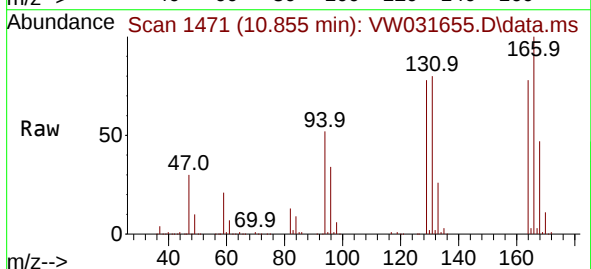


Tgt Ion: 97 Resp: 128902

Ion	Ratio	Lower	Upper
97	100		
99	68.6	42.6	79.2
83	93.6	59.6	110.8
85	57.8	37.3	69.3

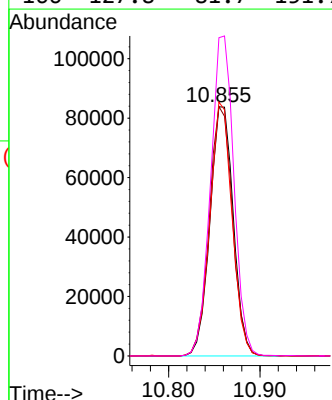
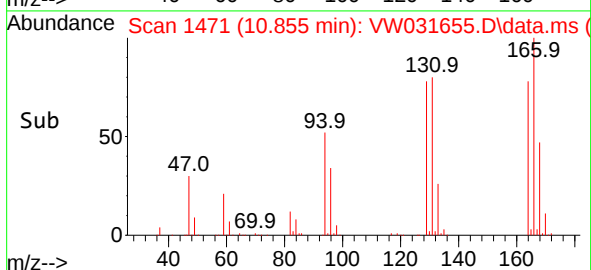


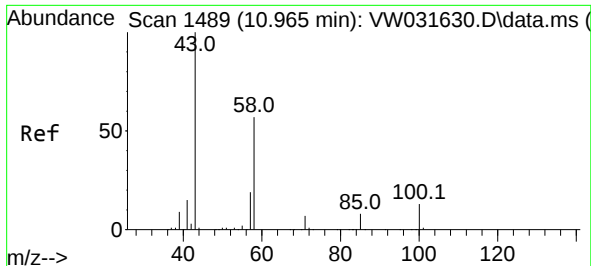
#46
Tetrachloroethene
Concen: 22.673 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42



Tgt Ion: 164 Resp: 148042

Ion	Ratio	Lower	Upper
164	100		
129	100.2	69.8	129.6
131	102.0	63.1	117.1
166	127.8	81.7	151.7

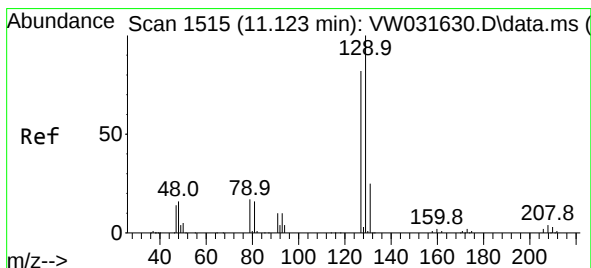
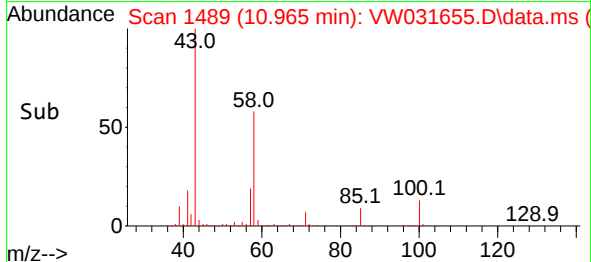
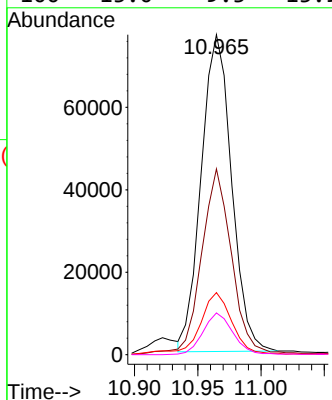
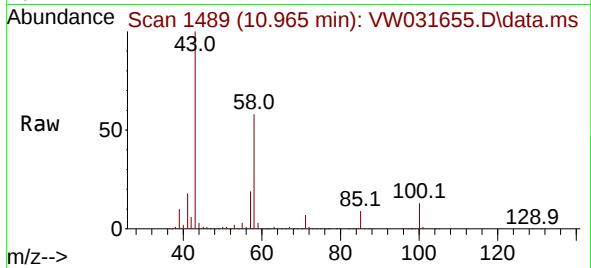




#48
2-Hexanone
Concen: 49.477 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

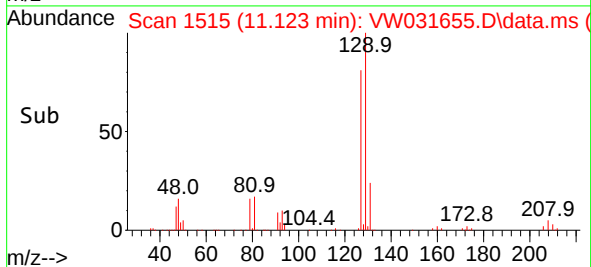
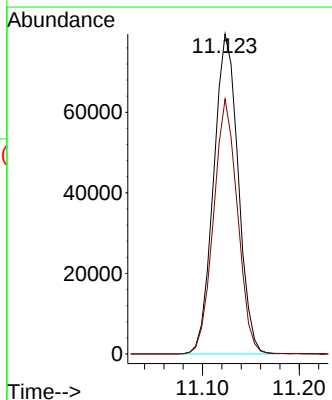
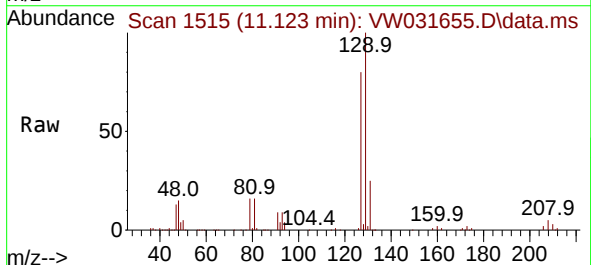
Instrument :
MSVOA_W
ClientSampleId :

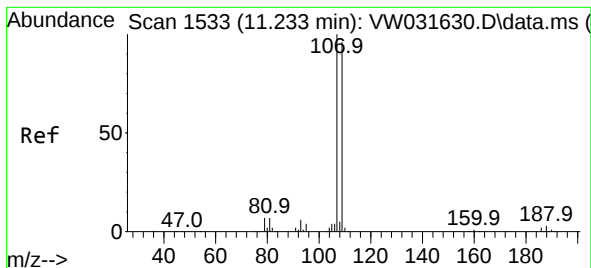
Tgt Ion: 43 Resp: 128373
Ion Ratio Lower Upper
43 100
58 58.8 44.8 67.2
57 20.0 15.6 23.4
100 13.0 9.3 13.9



#49
Dibromochloromethane
Concen: 23.307 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion: 129 Resp: 139817
Ion Ratio Lower Upper
129 100
127 79.7 53.0 98.4

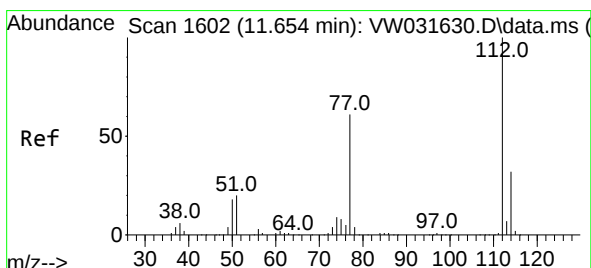
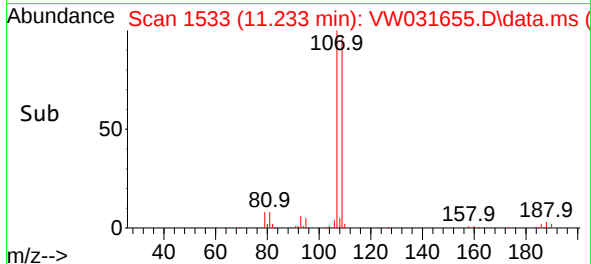
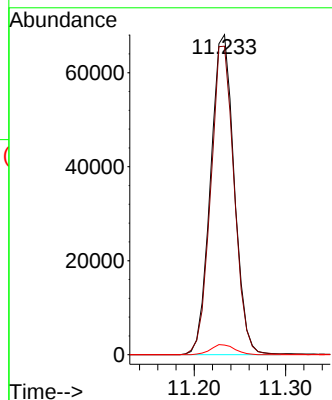
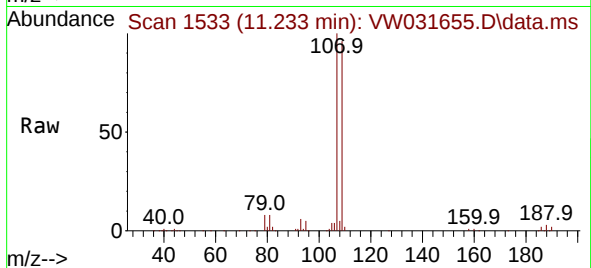




#50
1,2-Dibromoethane
Concen: 24.247 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

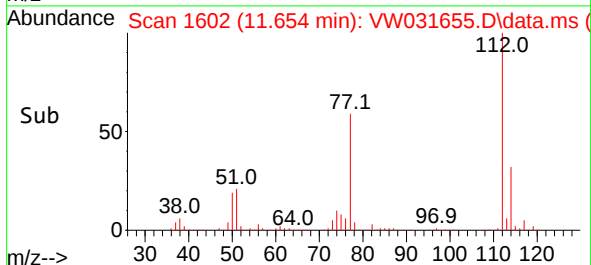
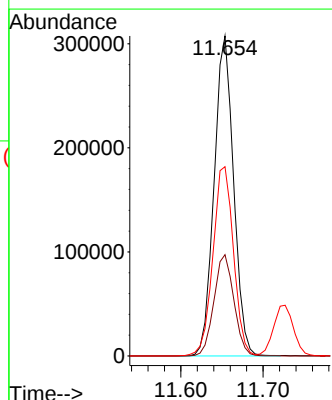
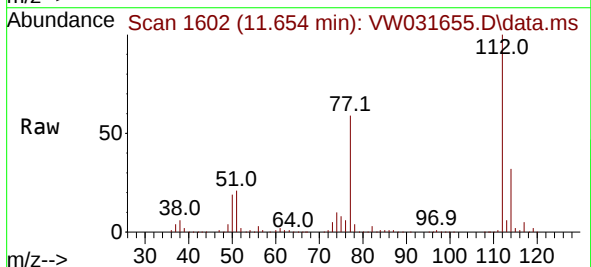
Instrument :
MSVOA_W
ClientSampleId :

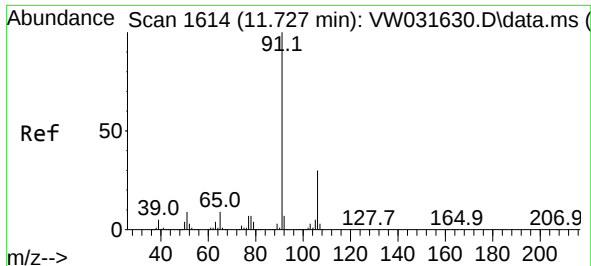
Tgt Ion:107 Resp: 122526
Ion Ratio Lower Upper
107 100
109 96.4 63.8 118.4
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 23.194 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion:112 Resp: 506692
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 59.2 49.0 73.4

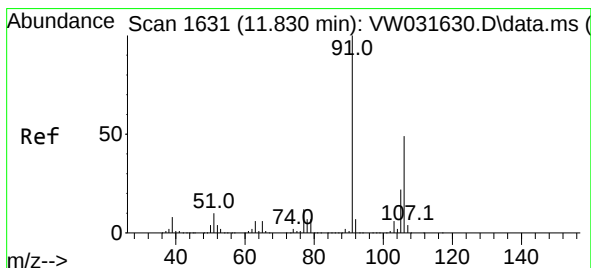
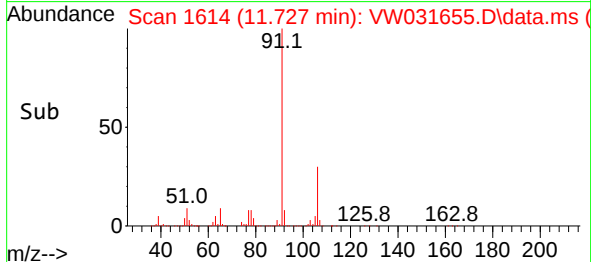
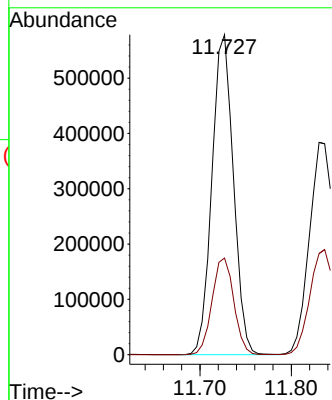
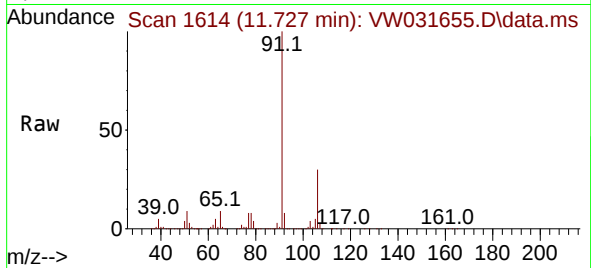




#52
Ethylbenzene
Concen: 23.234 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

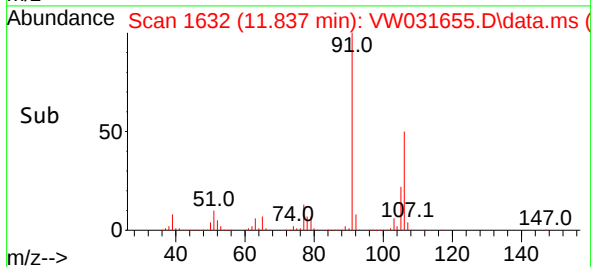
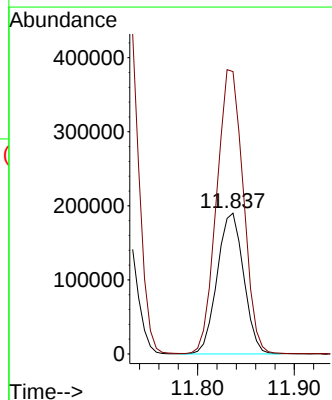
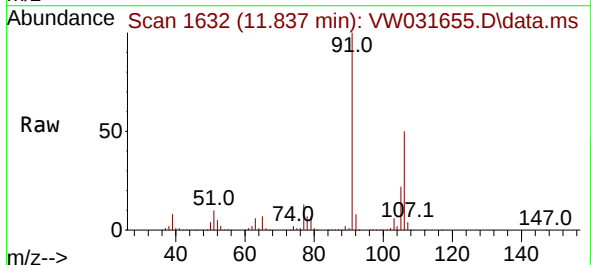
Instrument :
MSVOA_W
ClientSampleId :

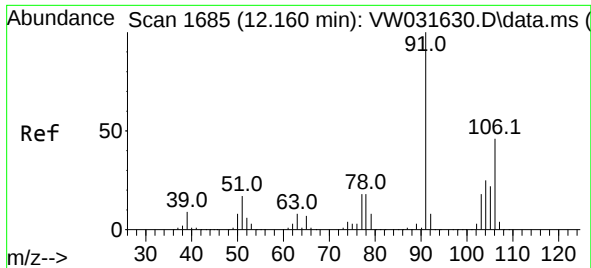
Tgt Ion: 91 Resp: 943121
Ion Ratio Lower Upper
91 100
106 30.2 22.3 41.3



#53
m,p-Xylene
Concen: 23.320 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion:106 Resp: 360935
Ion Ratio Lower Upper
106 100
91 200.7 145.9 270.9

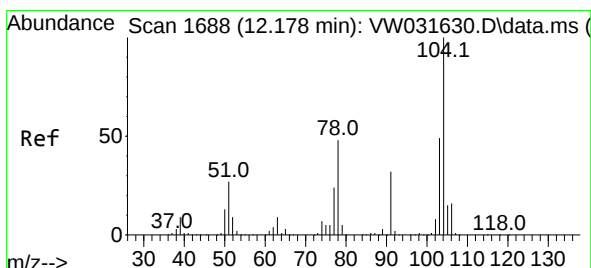
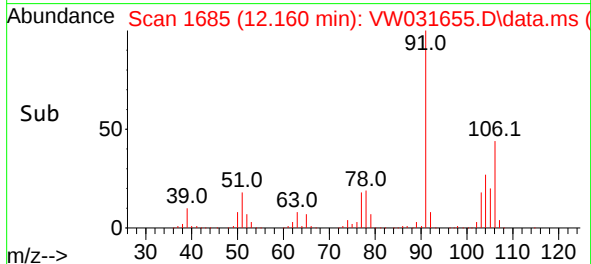
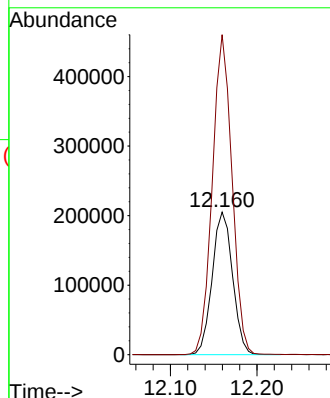
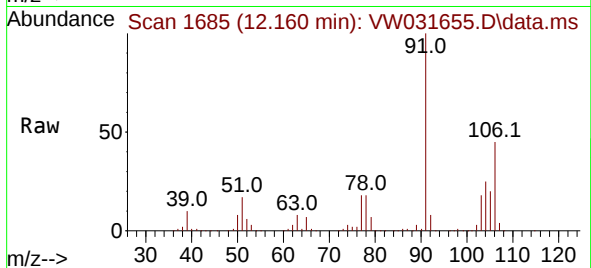




#54
o-Xylene
Concen: 23.325 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

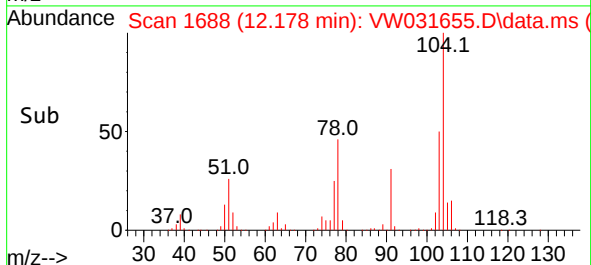
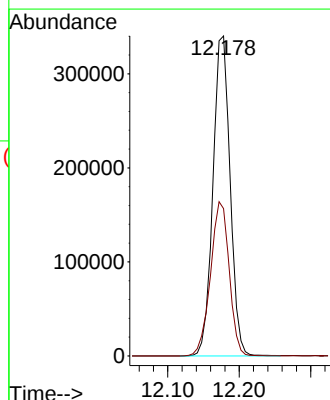
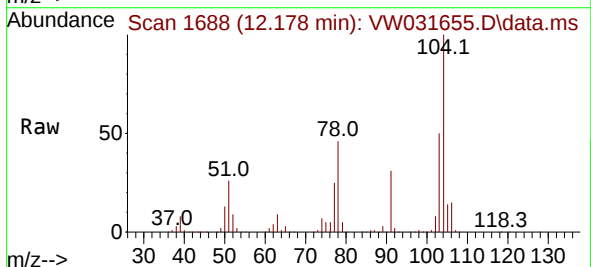
Instrument :
MSVOA_W
ClientSampleId :

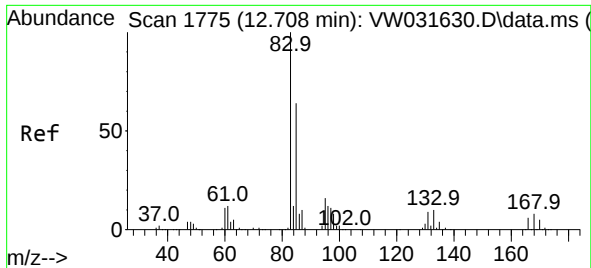
Tgt Ion:106 Resp: 335505
Ion Ratio Lower Upper
106 100
91 224.4 152.9 284.1



#55
Styrene
Concen: 23.725 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

Tgt Ion:104 Resp: 567833
Ion Ratio Lower Upper
104 100
78 46.0 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.313 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :

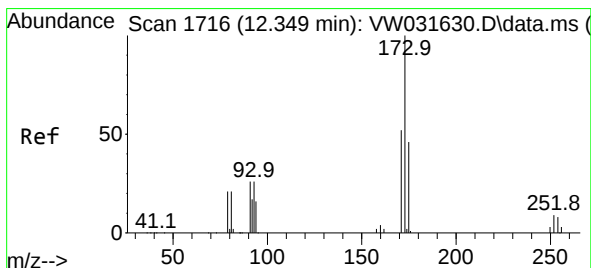
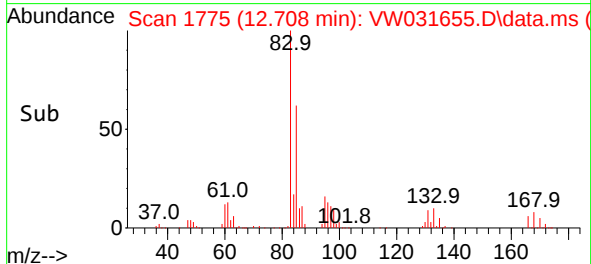
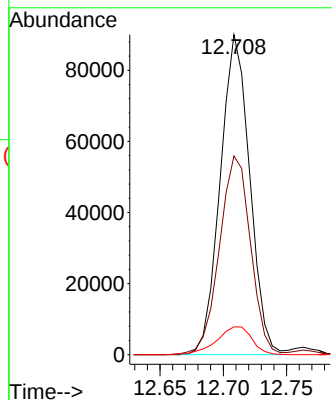
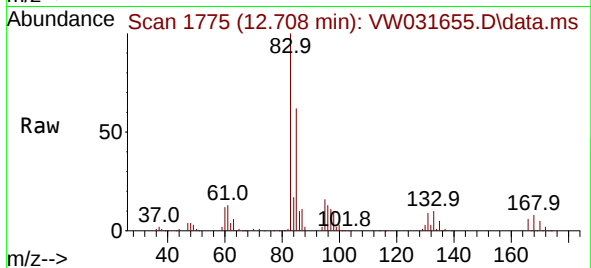
Tgt Ion: 83 Resp: 145663

Ion Ratio Lower Upper

83 100

85 62.1 44.1 81.9

131 8.7 7.4 11.0



#59

Bromoform

Concen: 20.992 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

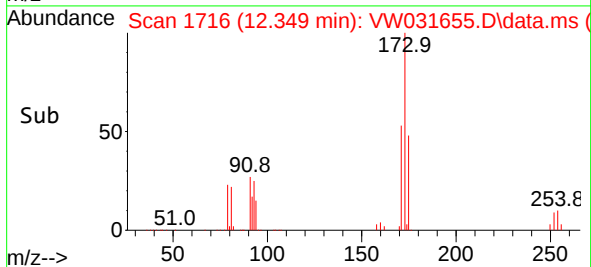
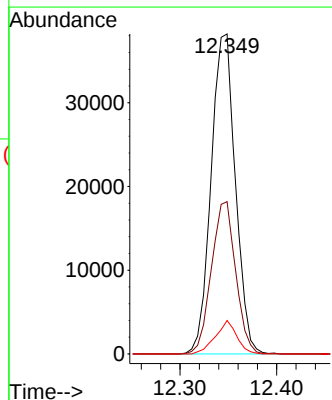
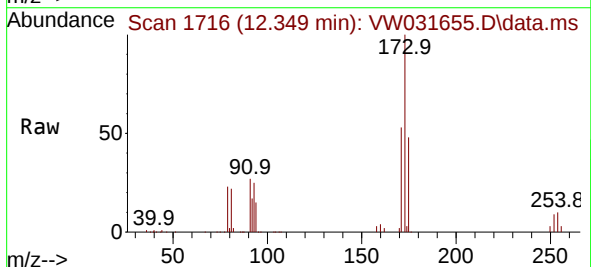
Tgt Ion:173 Resp: 66583

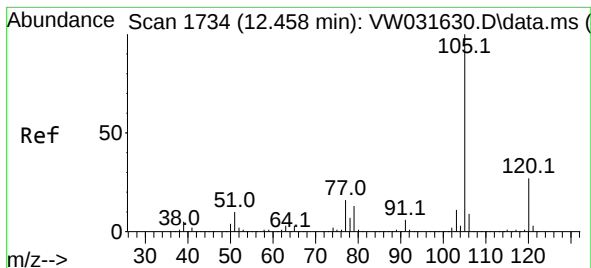
Ion Ratio Lower Upper

173 100

175 47.5 37.7 56.5

254 9.2 7.1 10.7





#60

Isopropylbenzene

Concen: 22.850 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :

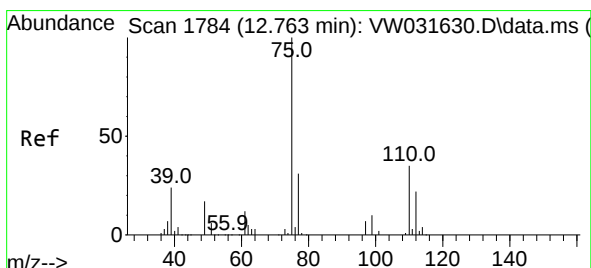
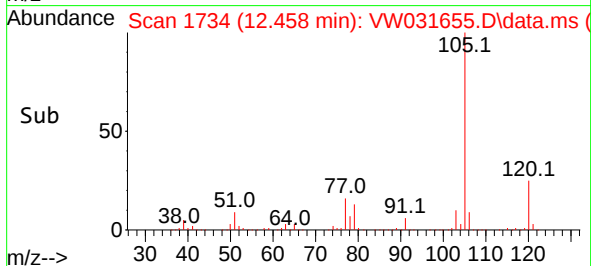
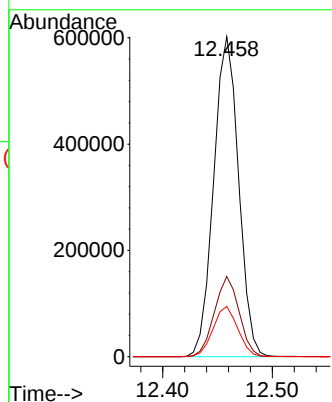
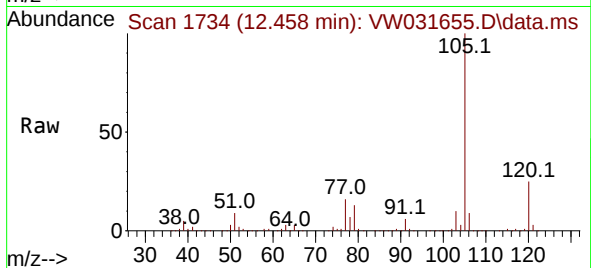
Tgt Ion:105 Resp: 950172

Ion Ratio Lower Upper

105 100

120 24.9 20.1 30.1

77 15.7 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 23.983 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

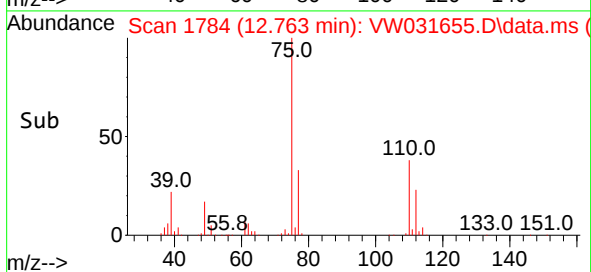
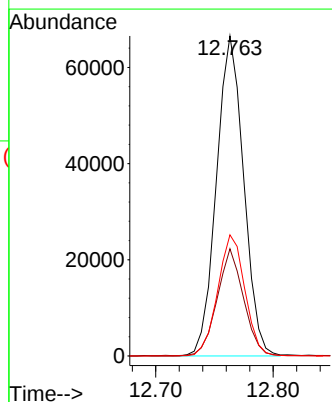
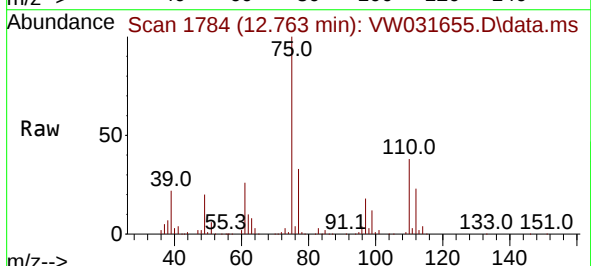
Tgt Ion: 75 Resp: 107207

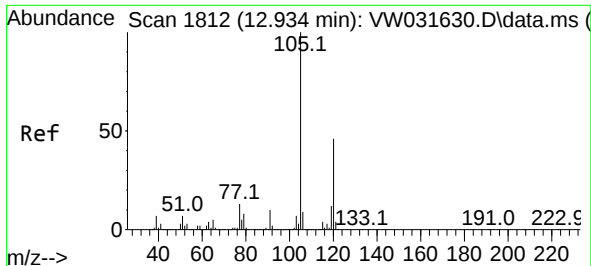
Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 37.7 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 22.573 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

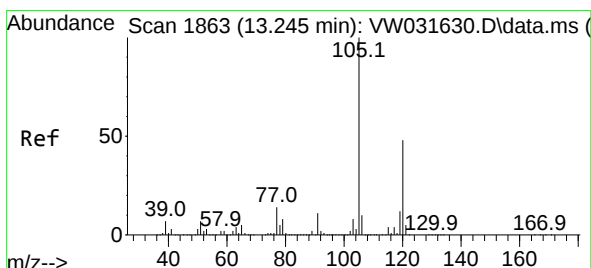
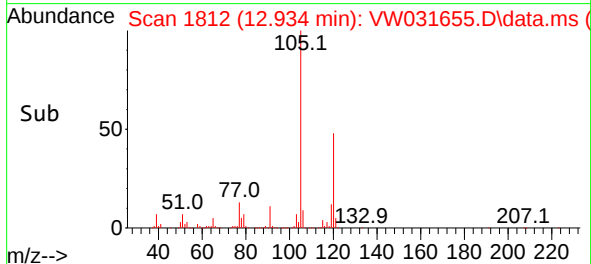
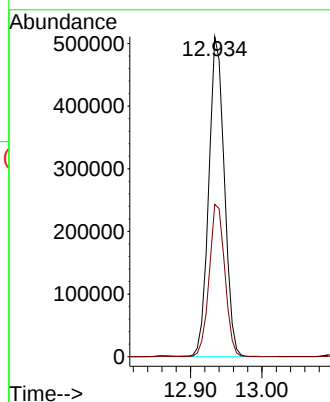
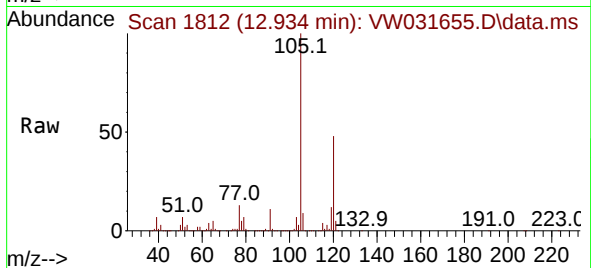
ClientSampleId :

Tgt Ion:105 Resp: 772896

Ion Ratio Lower Upper

105 100

120 47.8 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 22.457 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031655.D

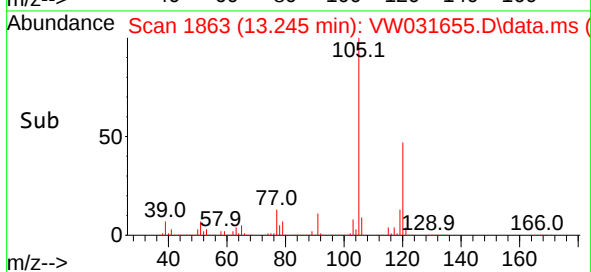
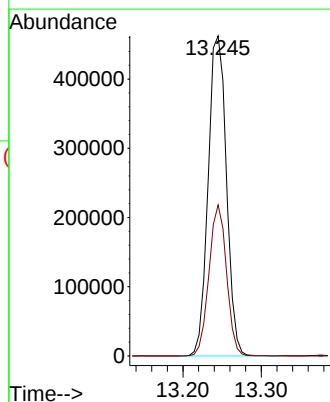
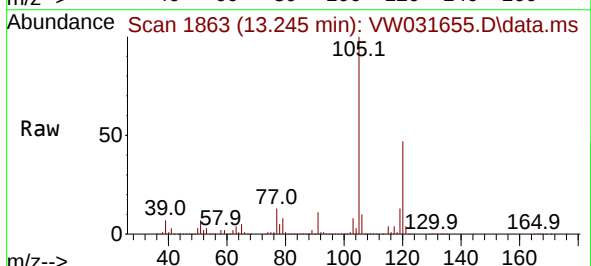
Acq: 30 Jan 2025 13:42

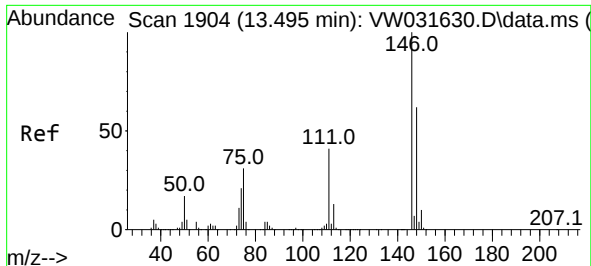
Tgt Ion:105 Resp: 748386

Ion Ratio Lower Upper

105 100

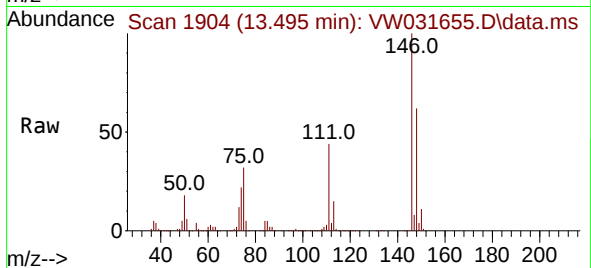
120 45.2 36.3 54.5



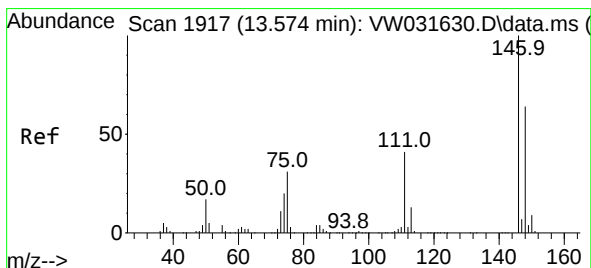
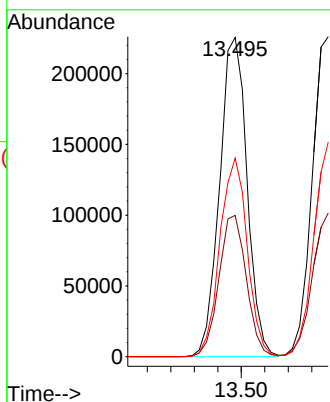
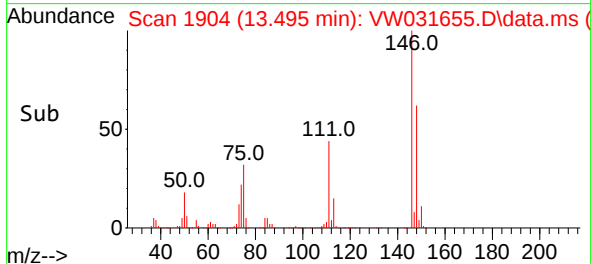


#64
1,3-Dichlorobenzene
Concen: 22.226 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

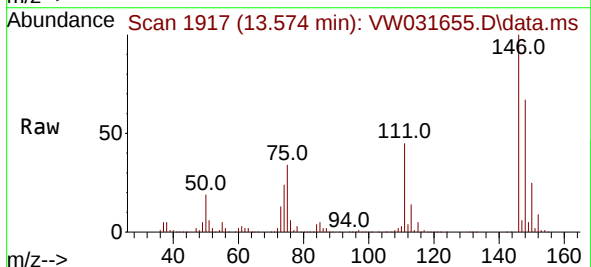
Instrument :
MSVOA_W
ClientSampleId :



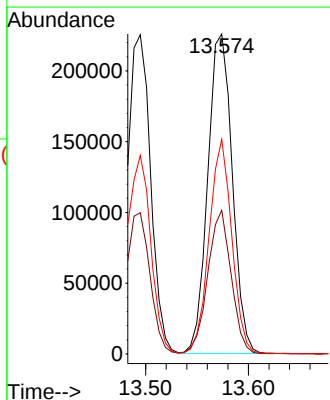
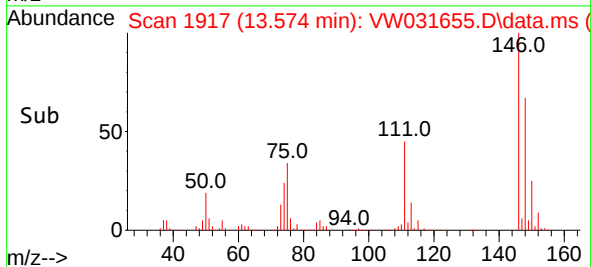
Tgt Ion:146 Resp: 366571
Ion Ratio Lower Upper
146 100
111 44.2 30.4 56.5
148 62.2 42.1 78.1

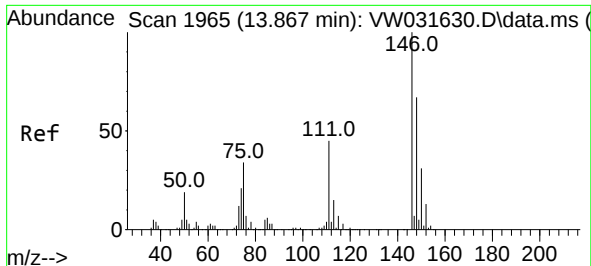


#65
1,4-Dichlorobenzene
Concen: 22.967 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42



Tgt Ion:146 Resp: 374640
Ion Ratio Lower Upper
146 100
111 44.9 28.5 52.9
148 67.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 22.853 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :

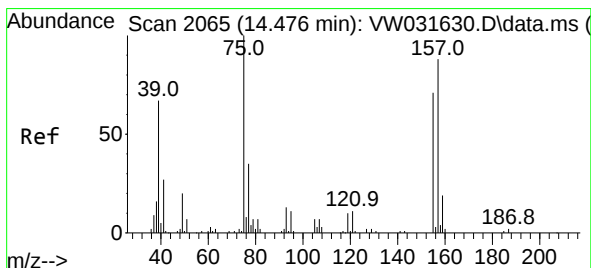
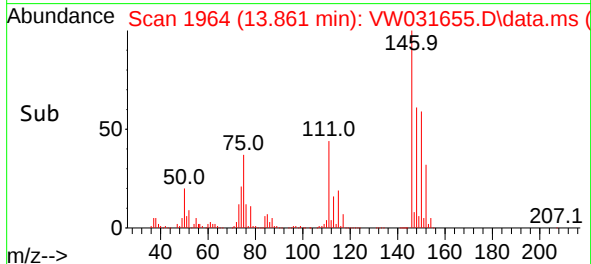
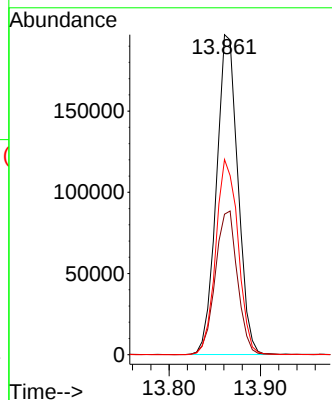
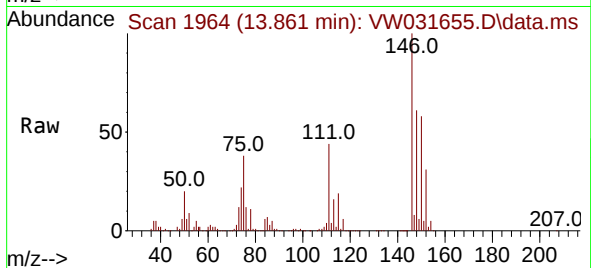
Tgt Ion:146 Resp: 321873

Ion Ratio Lower Upper

146 100

111 43.9 36.6 55.0

148 61.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.478 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

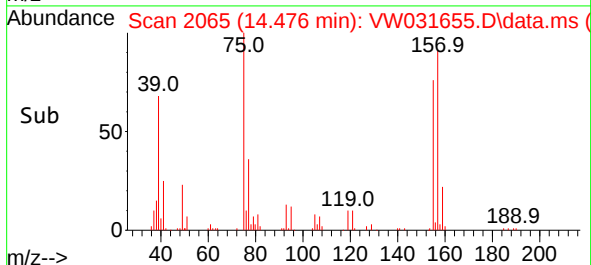
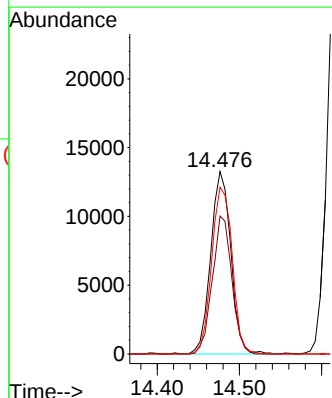
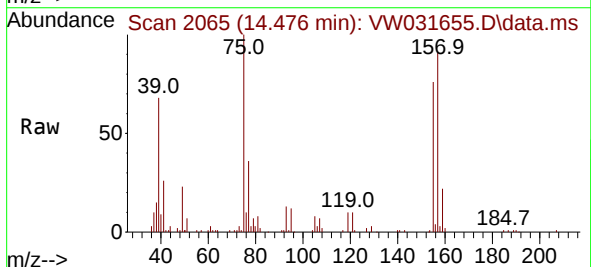
Tgt Ion: 75 Resp: 22464

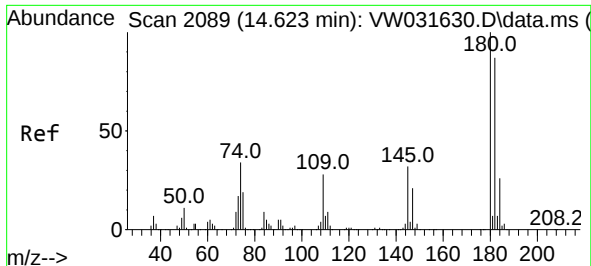
Ion Ratio Lower Upper

75 100

155 75.6 51.0 76.4

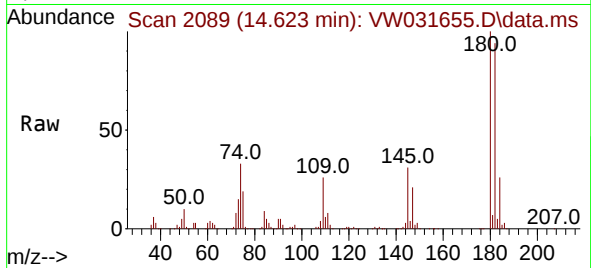
157 91.4 70.2 105.2



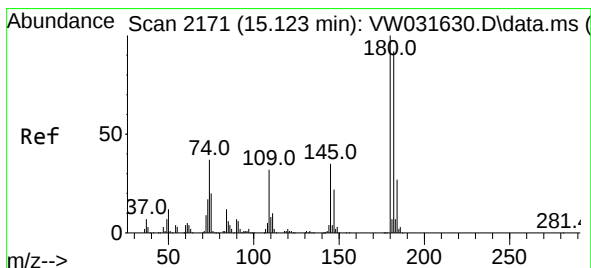
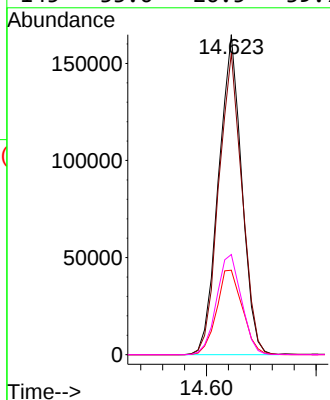
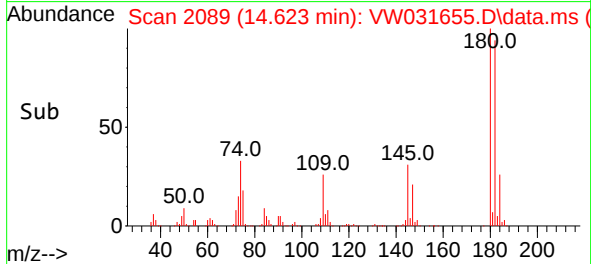


#69
1,3,5-Trichlorobenzene
Concen: 21.630 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42

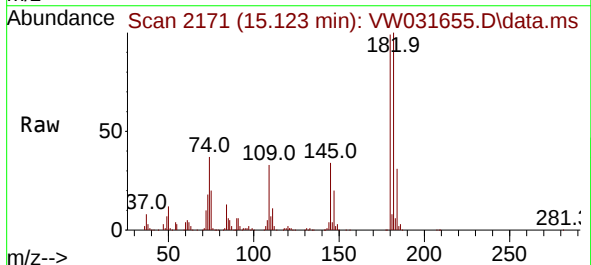
Instrument :
MSVOA_W
ClientSampleId :



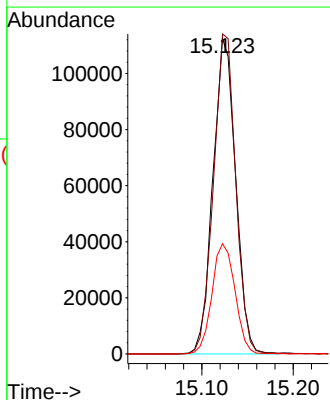
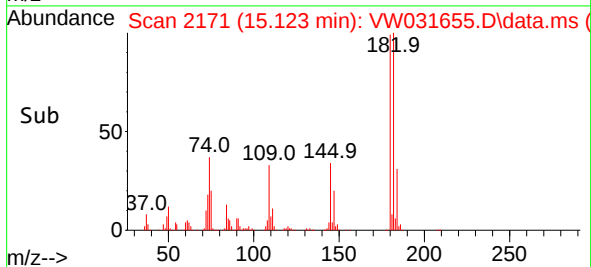
Tgt Ion:180 Resp: 241754
Ion Ratio Lower Upper
180 100
182 94.7 74.2 111.4
184 29.4 23.0 34.4
145 33.6 26.5 39.7

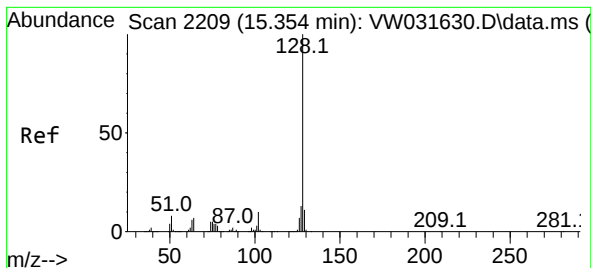


#70
1,2,4-trichlorobenzene
Concen: 21.808 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031655.D
Acq: 30 Jan 2025 13:42



Tgt Ion:180 Resp: 194141
Ion Ratio Lower Upper
180 100
182 99.1 77.7 116.5
145 35.5 26.6 39.8





#71

Naphthalene

Concen: 24.376 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Instrument :

MSVOA_W

ClientSampleId :

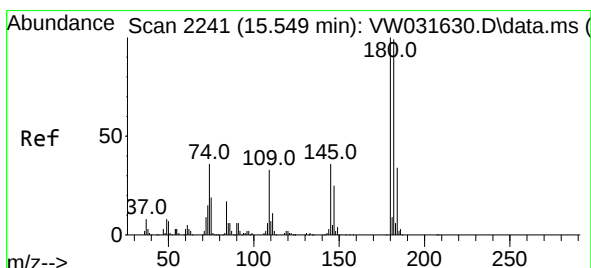
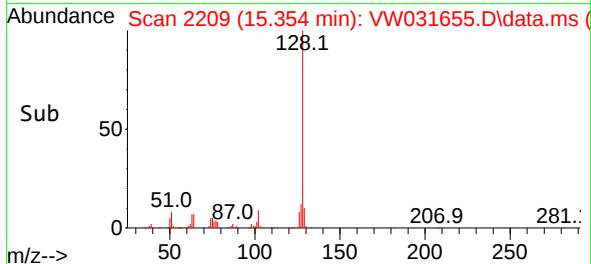
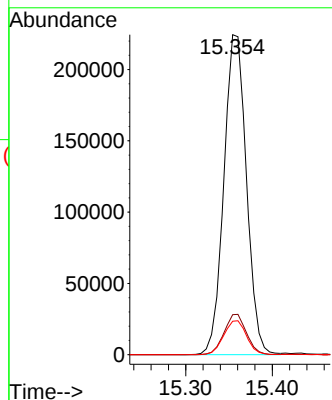
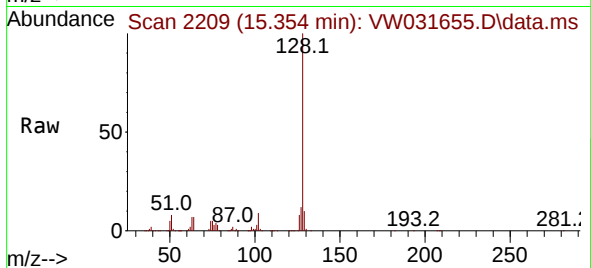
Tgt Ion:128 Resp: 406912

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.418 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031655.D

Acq: 30 Jan 2025 13:42

Tgt Ion:180 Resp: 175583

Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 35.5 30.1 45.1

