

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031675.D
 Acq On : 31 Jan 2025 18:34
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 03 07:34:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	433176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	586508	89.051	ug/L	0.00
7) Chloroethane-d5	2.899	69	382879	82.269	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	286649	97.505	ug/L	0.00
21) 2-Butanone-d5	7.081	46	408332	326.694	ug/L	-0.01
24) Chloroform-d	7.642	84	841205	79.329	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	292958	58.973	ug/L	0.00
32) Benzene-d6	8.270	84	1881035	100.744	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	451038	84.876	ug/L	0.00
41) Toluene-d8	10.318	98	1687914	100.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	139030	67.578	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	194224	308.998	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	313003	93.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	372393	85.077	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	685568	119.038	ug/L	# 87
3) Chloromethane	2.228	50	614506	105.565	ug/L	95
5) Vinyl chloride	2.381	62	864671	114.692	ug/L	97
6) Bromomethane	2.783	94	344929	81.145	ug/L	94
8) Chloroethane	2.930	64	410487	95.998	ug/L	95
9) Trichlorofluoromethane	3.259	101	737467	102.861	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	802827	136.979	ug/L	95
12) 1,1-Dichloroethene	4.045	96	730251	122.962	ug/L	97
13) Acetone	4.137	43	280441	281.585	ug/L	98
14) Carbon disulfide	4.393	76	2292672	116.464	ug/L	97
15) Methyl Acetate	4.673	43	275806	116.737	ug/L	# 100
16) Methylene chloride	4.929	84	407369	72.350	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	705028	111.539	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	536177	59.076	ug/L	99
19) 1,1-Dichloroethane	6.209	63	1072590	93.669	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	590097	91.366	ug/L	96
22) 2-Butanone	7.173	43	465174	287.531	ug/L	98
23) Bromochloromethane	7.514	128	175761	72.212	ug/L	99
25) Chloroform	7.673	83	930973	86.734	ug/L	95
27) 1,2-Dichloroethane	8.398	62	404712	63.559	ug/L	99
29) Cyclohexane	7.953	56	1608521	155.007	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	1056188	130.154	ug/L	99
31) Carbon tetrachloride	8.063	117	1002916	137.187	ug/L	99
33) Benzene	8.319	78	2436489	113.868	ug/L	100
34) Trichloroethene	9.087	95	741626	126.730	ug/L	93
35) Methylcyclohexane	9.331	83	1676243	155.293	ug/L	100
37) 1,2-Dichloropropane	9.361	63	465841	90.897	ug/L	100
38) Bromodichloromethane	9.642	83	511054	84.657	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	634126	82.148	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	615406	229.041	ug/L	99
42) Toluene	10.386	91	2599285	116.409	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	463898	76.113	ug/L	98

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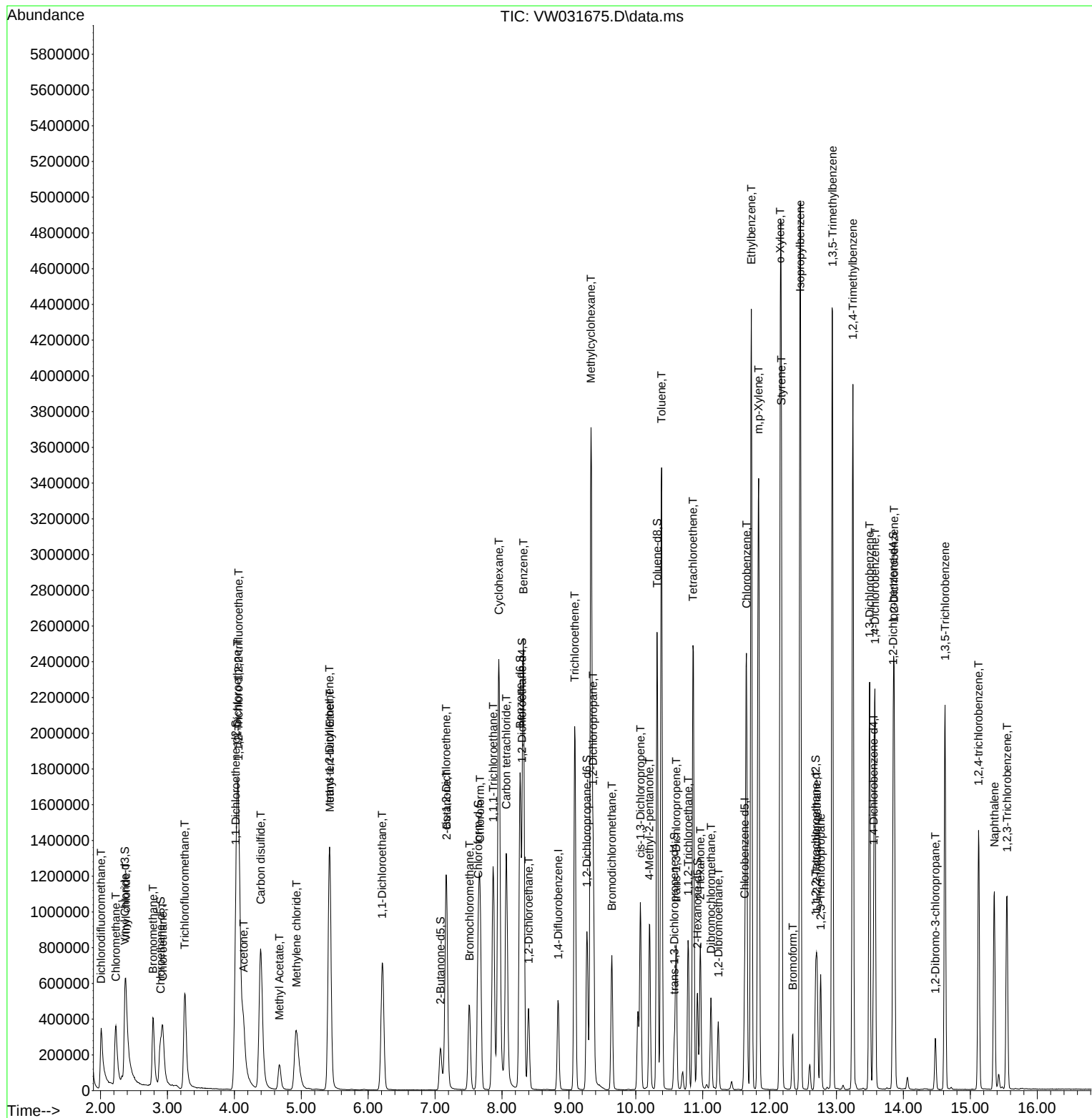
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	267046	82.889	ug/L	97
46) Tetrachloroethene	10.855	164	571333	133.749	ug/L	93
48) 2-Hexanone	10.965	43	515786	299.222	ug/L	99
49) Dibromochloromethane	11.123	129	273287	79.413	ug/L	95
50) 1,2-Dibromoethane	11.233	107	260933	87.164	ug/L	97
51) Chlorobenzene	11.654	112	1319285	98.961	ug/L	90
52) Ethylbenzene	11.727	91	3089872	120.749	ug/L	98
53) m,p-Xylene	11.836	106	1137112	117.933	ug/L	95
54) o-Xylene	12.160	106	927034	104.654	ug/L	98
55) Styrene	12.178	104	1439036	99.560	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	349781	96.158	ug/L	94
59) Bromoform	12.349	173	145829	86.918	ug/L	97
60) Isopropylbenzene	12.458	105	3281426	135.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	266518	106.095	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	2429152	124.573	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2185008	117.536	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	915017	100.096	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	877180	97.735	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	716430	93.123	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	79657	133.862	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	641096	104.034	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	451555	93.789	ug/L	96
71) Naphthalene	15.360	128	963885	105.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	372273	91.325	ug/L	96

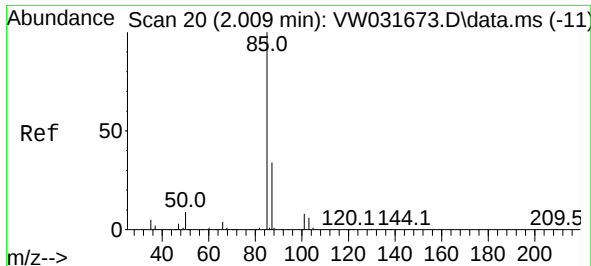
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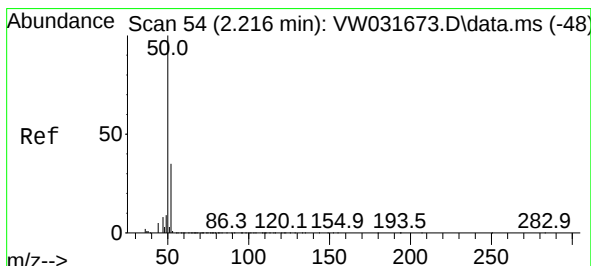
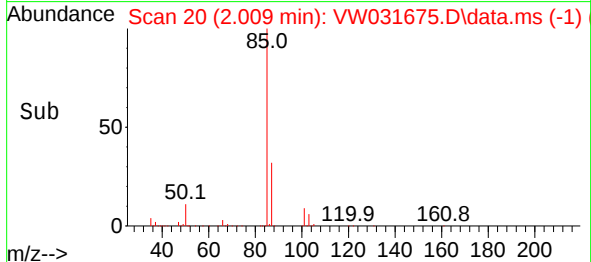
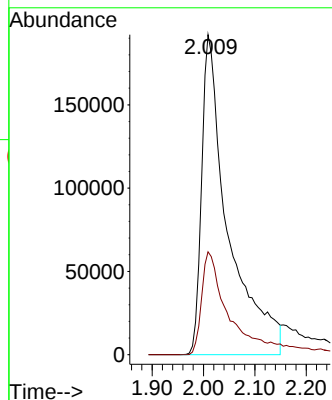
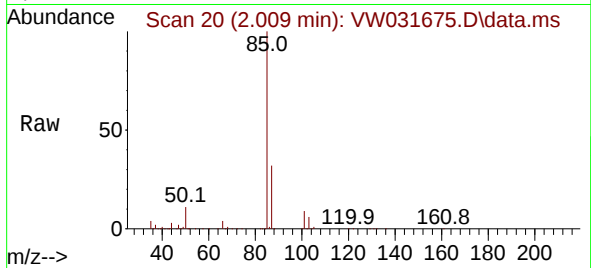




#2
 Dichlorodifluoromethane
 Concen: 119.038 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031675.D
 Acq: 31 Jan 2025 18:34

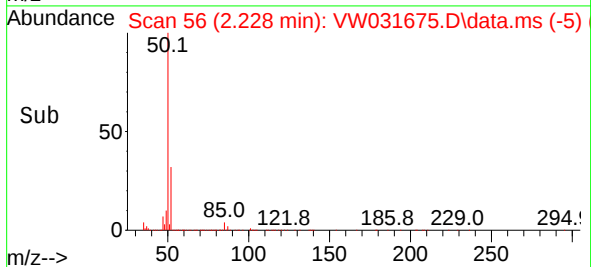
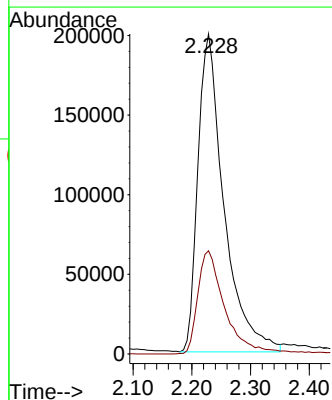
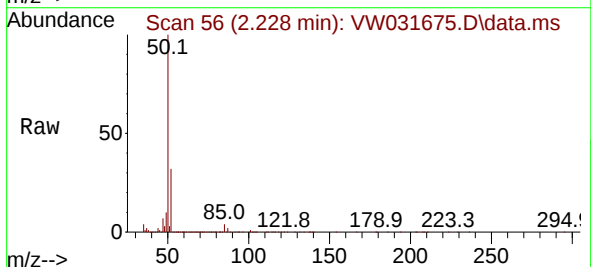
Instrument :
 MSVOA_W
 ClientSampleId :

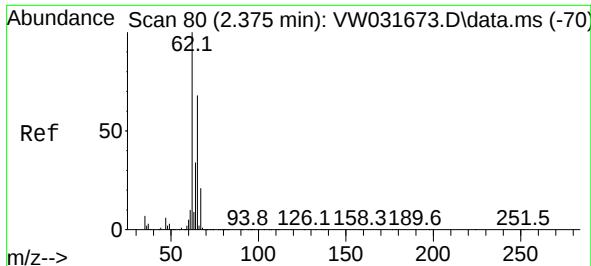
Tgt Ion: 85 Resp: 685568
 Ion Ratio Lower Upper
 85 100
 87 31.0 19.6 29.4#



#3
 Chloromethane
 Concen: 105.565 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.012 min
 Lab File: VW031675.D
 Acq: 31 Jan 2025 18:34

Tgt Ion: 50 Resp: 614506
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.6 45.8

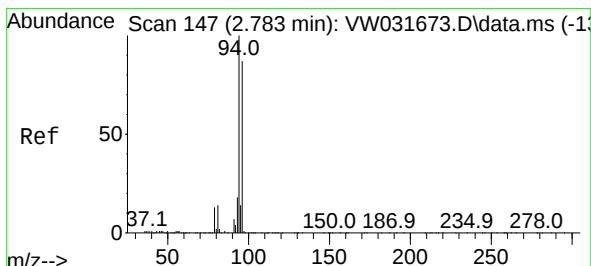
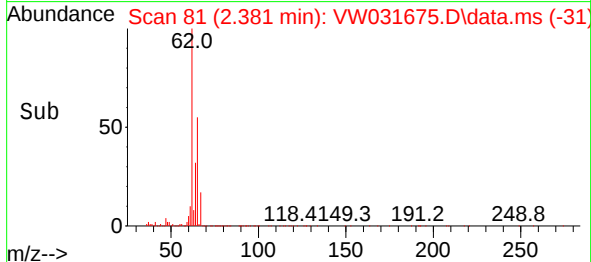
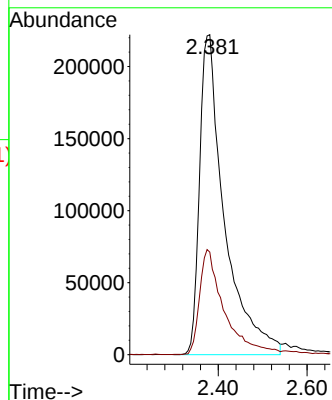
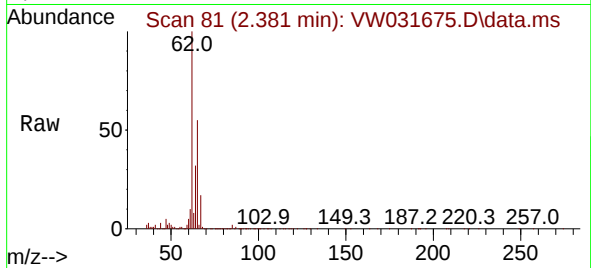




#5
 Vinyl chloride
 Concen: 114.692 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW031675.D
 Acq: 31 Jan 2025 18:34

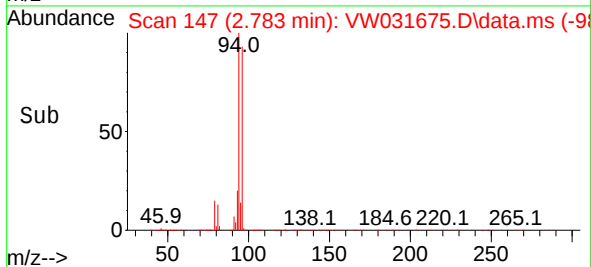
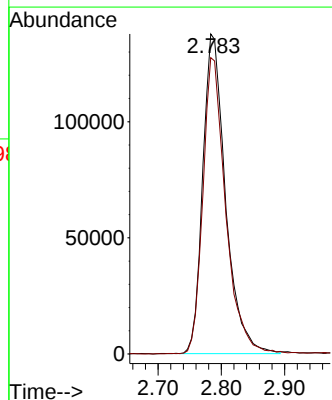
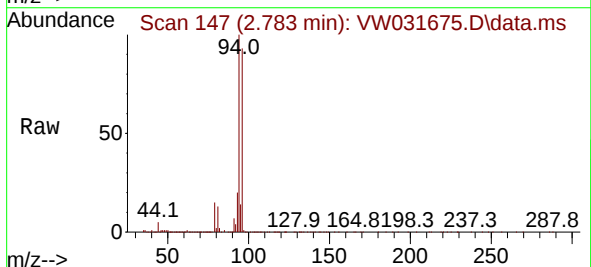
Instrument :
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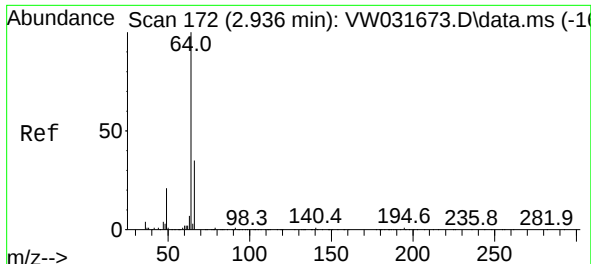
Tgt Ion: 62 Resp: 864671
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#6
 Bromomethane
 Concen: 81.145 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW031675.D
 Acq: 31 Jan 2025 18:34

Tgt Ion: 94 Resp: 344929
 Ion Ratio Lower Upper
 94 100
 96 92.6 61.2 113.6

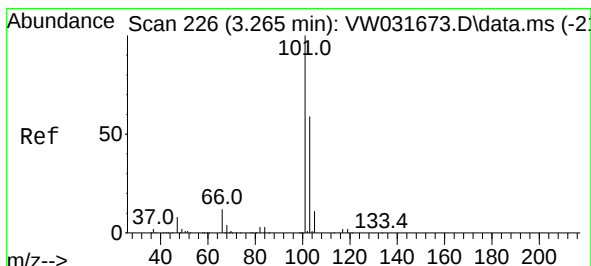
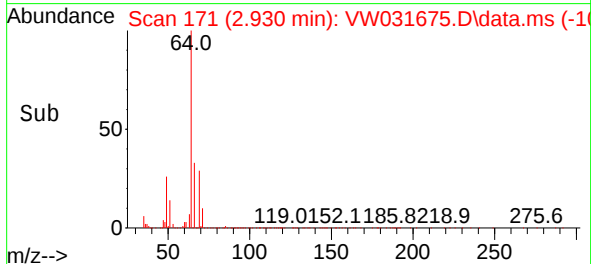
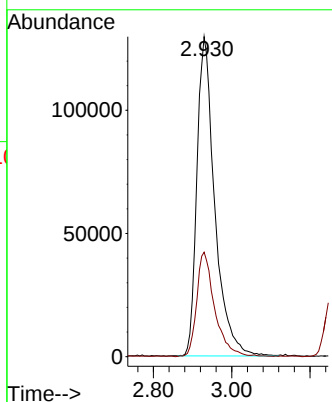
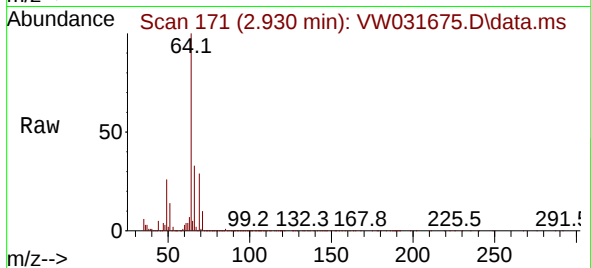




#8
Chloroethane
Concen: 95.998 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

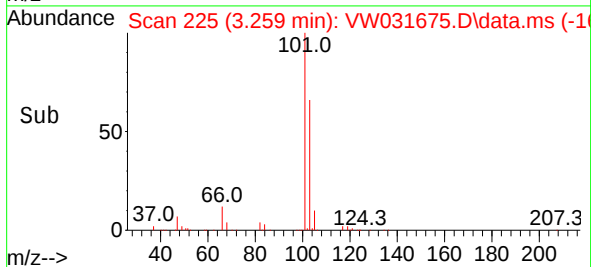
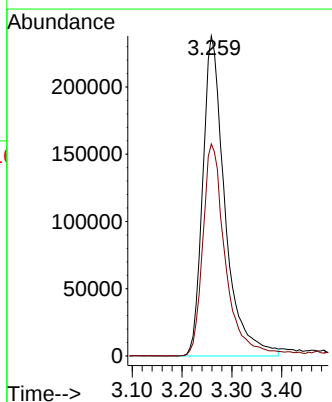
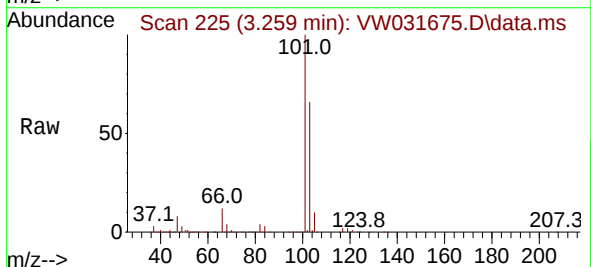
Instrument :
MSVOA_W
ClientSampleId :

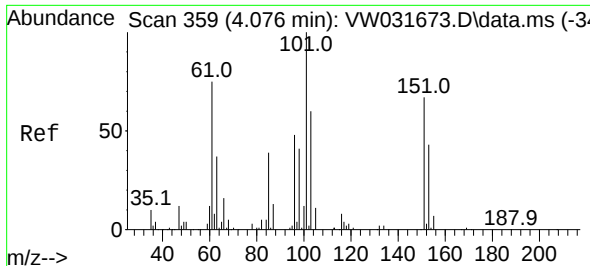
Tgt Ion: 64 Resp: 410487
Ion Ratio Lower Upper
64 100
66 32.6 24.7 45.9



#9
Trichlorofluoromethane
Concen: 102.861 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion: 101 Resp: 737467
Ion Ratio Lower Upper
101 100
103 66.5 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 136.979 ug/L

RT: 4.063 min Scan# 359

Delta R.T. -0.012 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

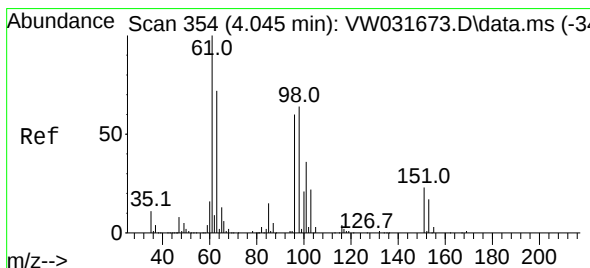
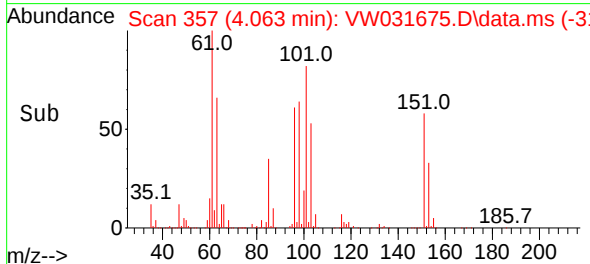
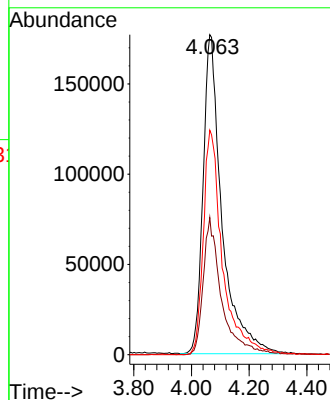
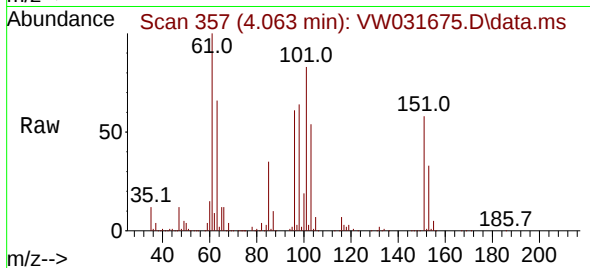
Tgt Ion:101 Resp: 802827

Ion Ratio Lower Upper

101 100

85 39.4 36.3 54.5

151 68.0 55.9 83.9



#12

1,1-Dichloroethene

Concen: 122.962 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

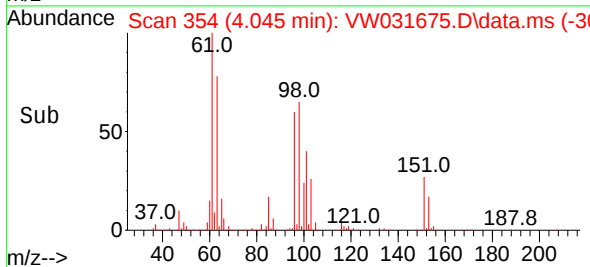
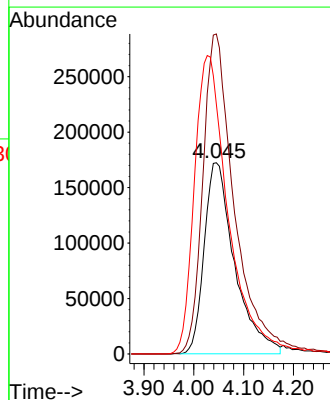
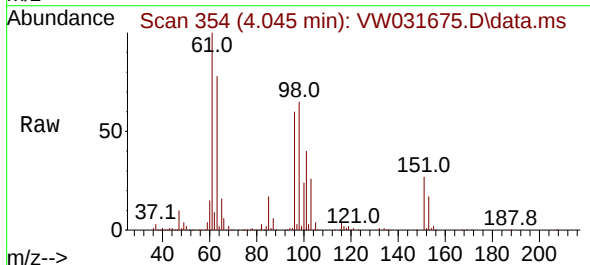
Tgt Ion: 96 Resp: 730251

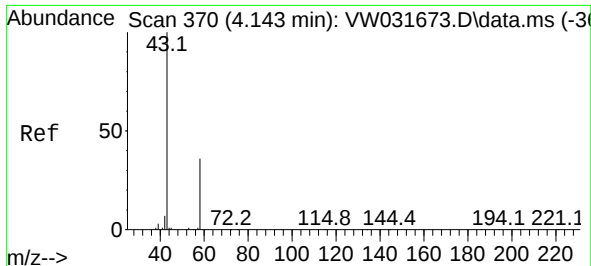
Ion Ratio Lower Upper

96 100

61 167.3 117.5 218.3

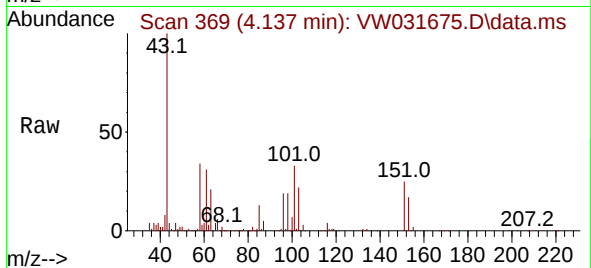
63 130.6 86.5 160.7



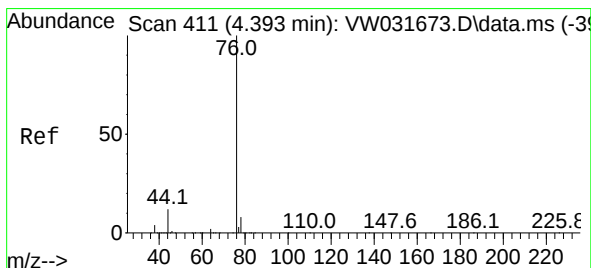
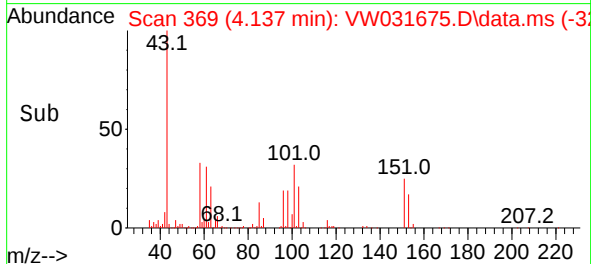
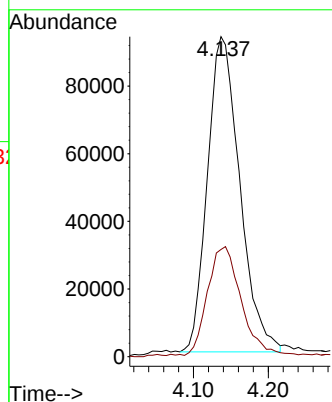


#13
Acetone
Concen: 281.585 ug/L
RT: 4.137 min Scan# 30
Delta R.T. -0.006 min
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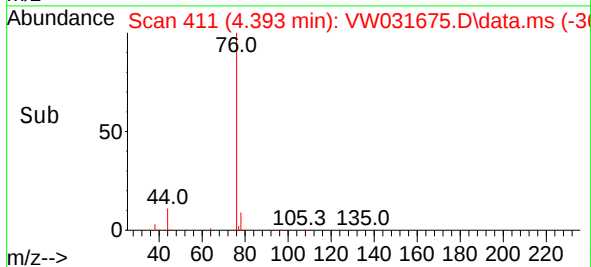
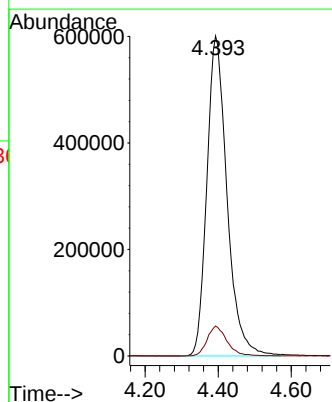
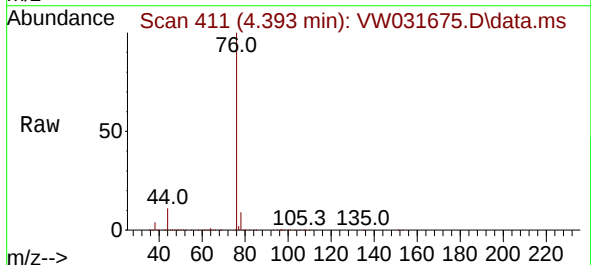


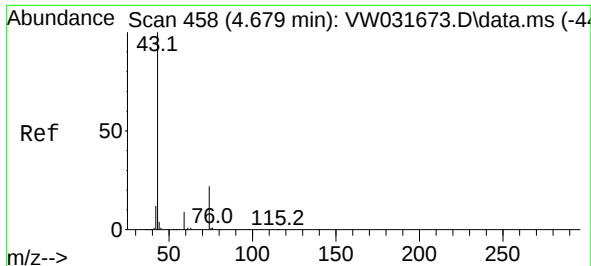
Tgt Ion: 43 Resp: 280441
Ion Ratio Lower Upper
43 100
58 36.5 0.0 70.2



#14
Carbon disulfide
Concen: 116.464 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion: 76 Resp: 2292672
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8





#15

Methyl Acetate

Concen: 116.737 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

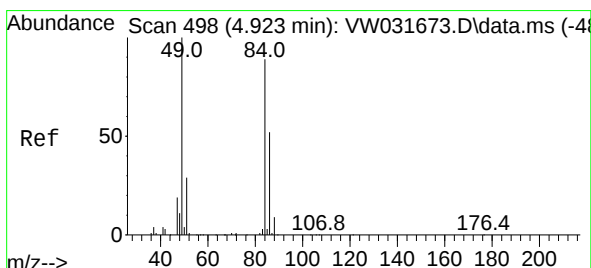
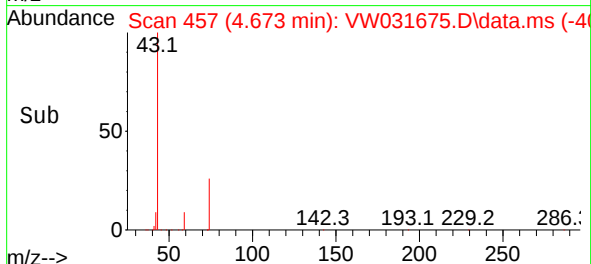
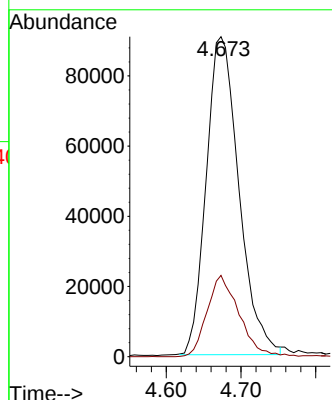
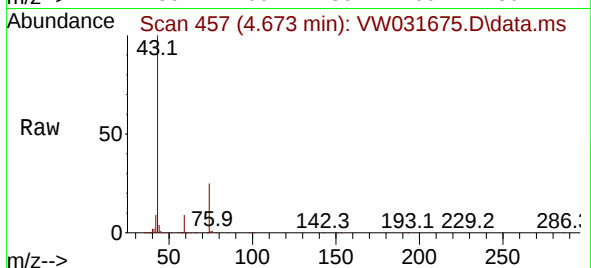
ClientSampleId :

Tgt Ion: 43 Resp: 275806

Ion Ratio Lower Upper

43 100

74 25.1 0.0 0.0#



#16

Methylene chloride

Concen: 72.350 ug/L

RT: 4.929 min Scan# 499

Delta R.T. 0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

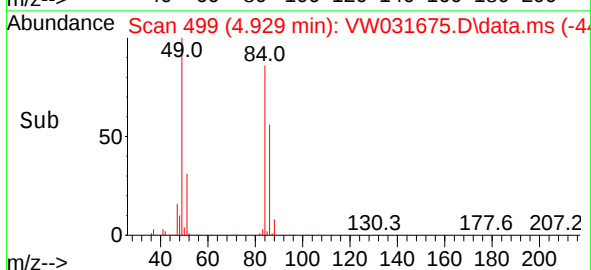
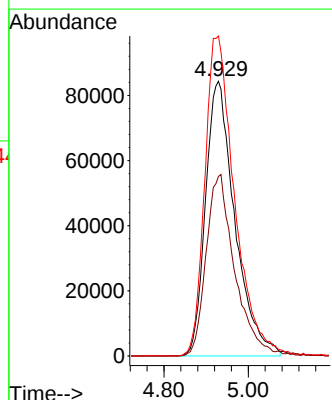
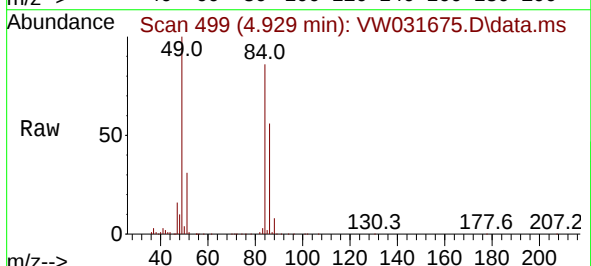
Tgt Ion: 84 Resp: 407369

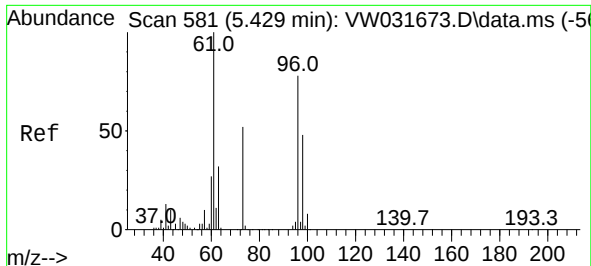
Ion Ratio Lower Upper

84 100

86 65.4 40.9 76.0

49 116.5 78.9 146.5





#17

trans-1,2-Dichloroethene

Concen: 111.539 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

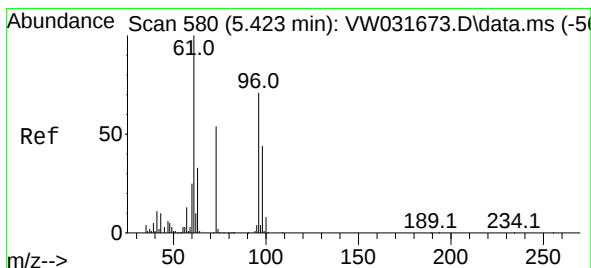
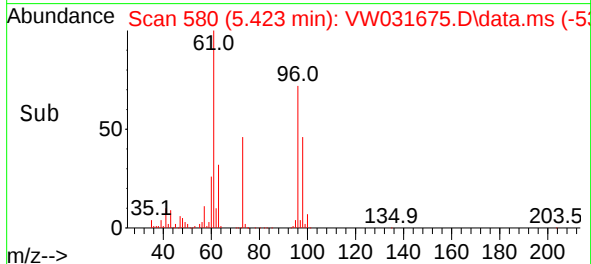
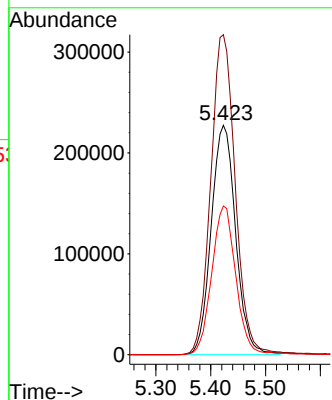
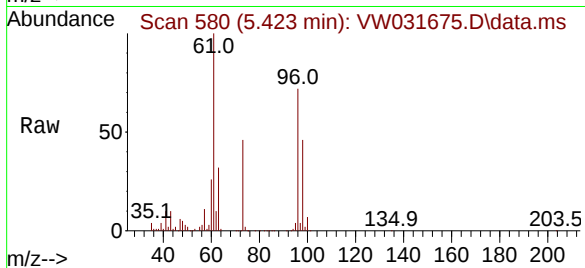
Tgt Ion: 96 Resp: 705028

Ion Ratio Lower Upper

96 100

61 139.5 90.3 167.7

98 64.8 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 59.076 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

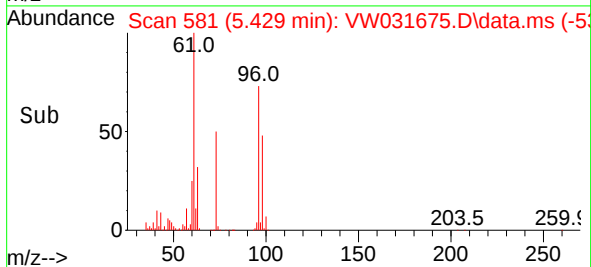
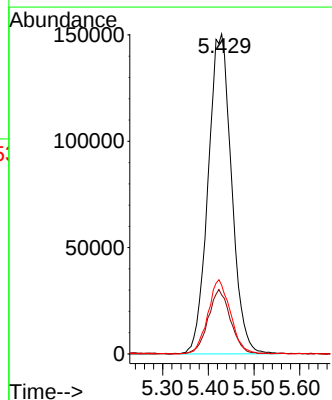
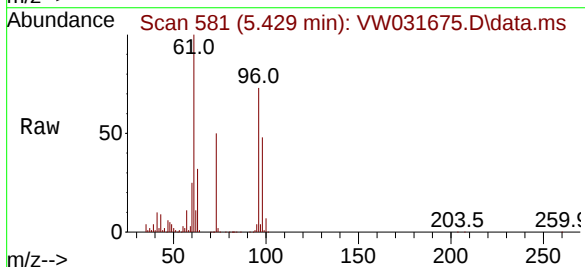
Tgt Ion: 73 Resp: 536177

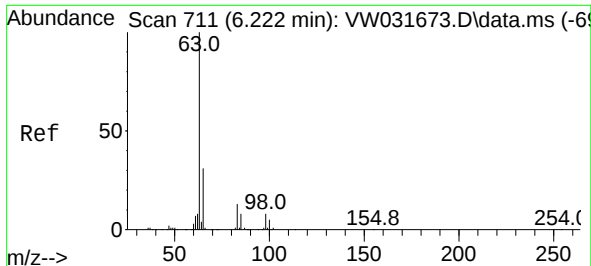
Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.2

57 22.4 18.2 27.2





#19

1,1-Dichloroethane

Concen: 93.669 ug/L

RT: 6.209 min Scan# 711

Delta R.T. -0.012 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

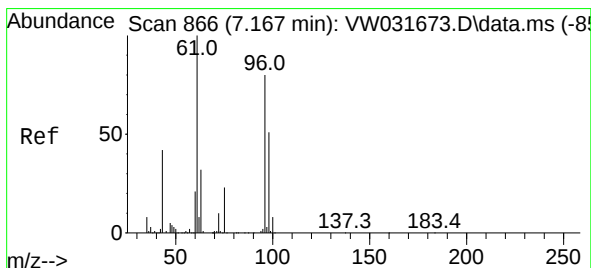
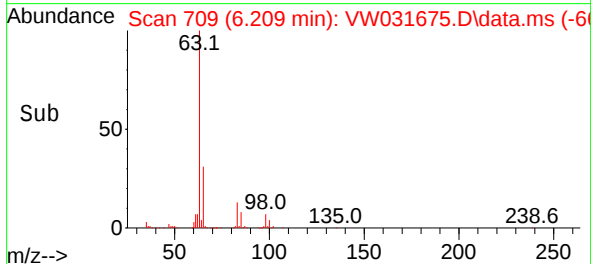
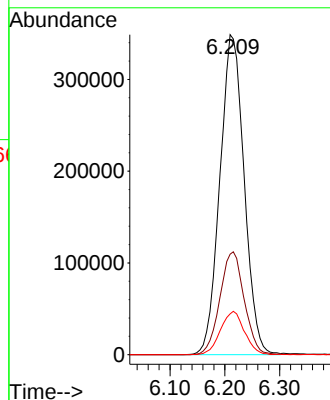
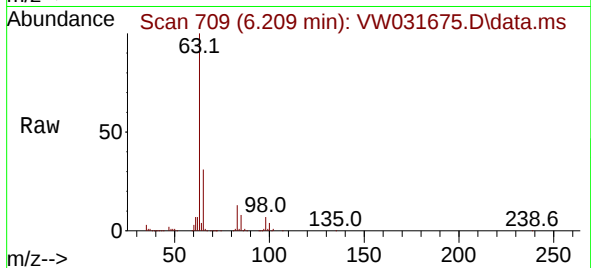
Tgt Ion: 63 Resp: 1072590

Ion Ratio Lower Upper

63 100

65 31.4 21.6 40.2

83 12.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 91.366 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

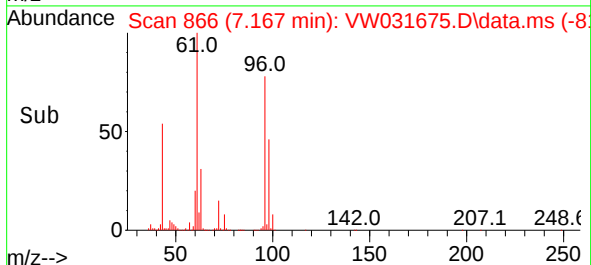
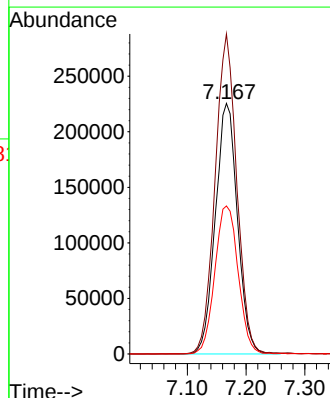
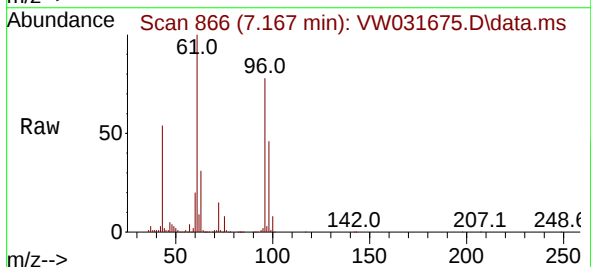
Tgt Ion: 96 Resp: 590097

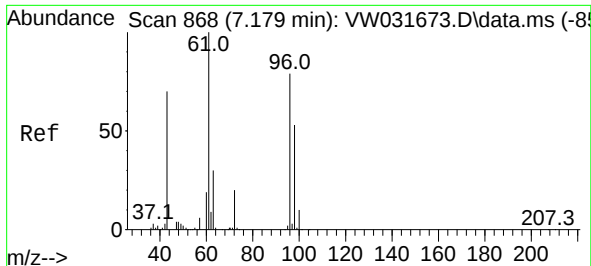
Ion Ratio Lower Upper

96 100

61 127.7 87.4 162.4

98 59.1 44.4 82.4





#22

2-Butanone

Concen: 287.531 ug/L

RT: 7.173 min Scan# 868

Delta R.T. -0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

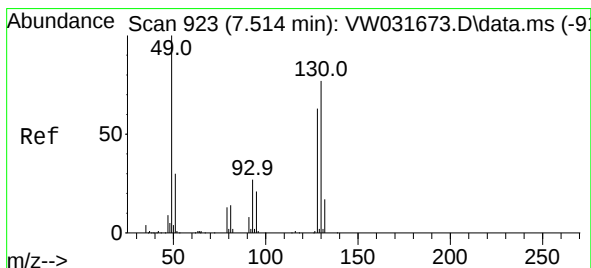
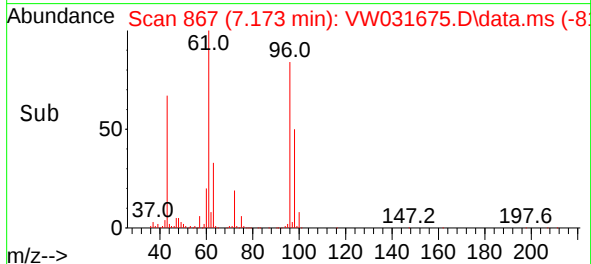
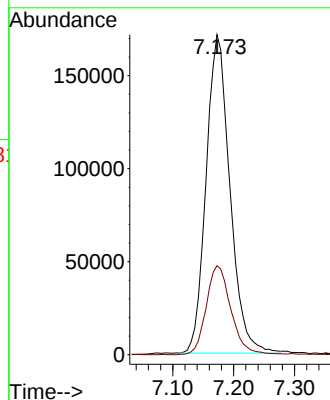
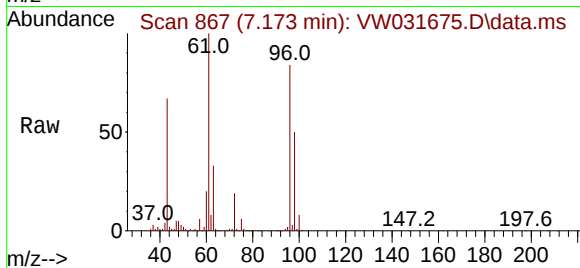
ClientSampleId :

Tgt Ion: 43 Resp: 465174

Ion Ratio Lower Upper

43 100

72 28.9 13.8 41.4



#23

Bromochloromethane

Concen: 72.212 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Tgt Ion: 128 Resp: 175761

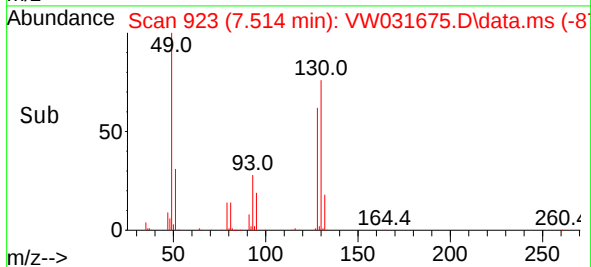
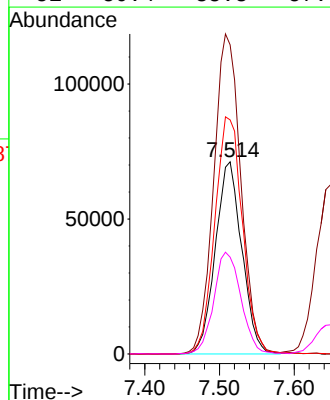
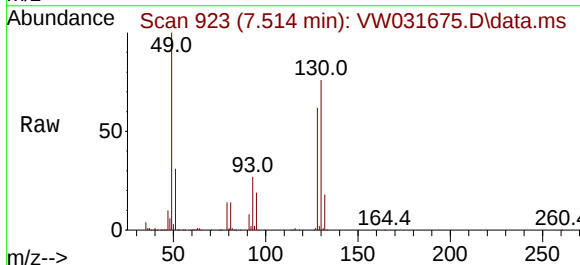
Ion Ratio Lower Upper

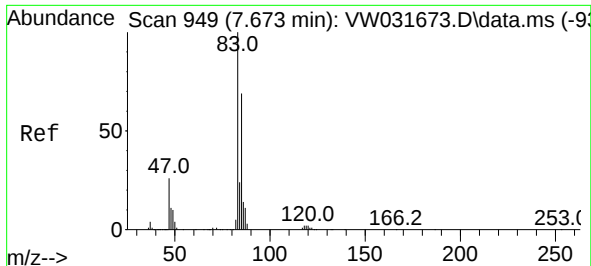
128 100

49 160.9 112.2 208.4

130 121.8 85.9 159.5

51 50.4 38.3 57.5





#25

Chloroform

Concen: 86.734 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

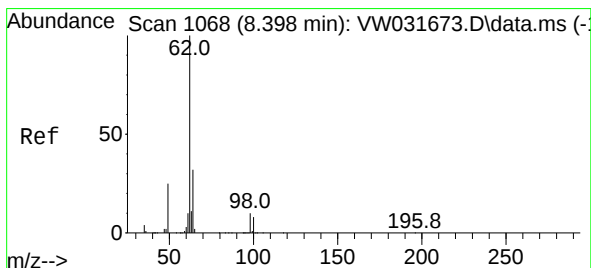
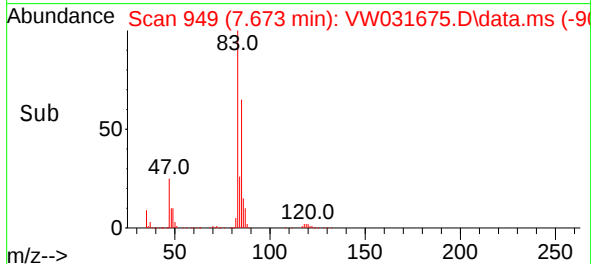
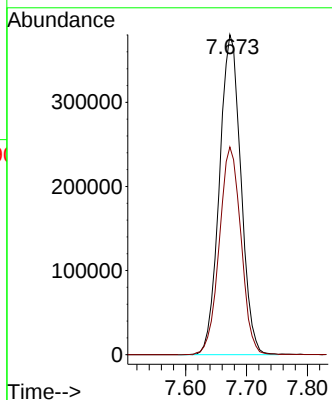
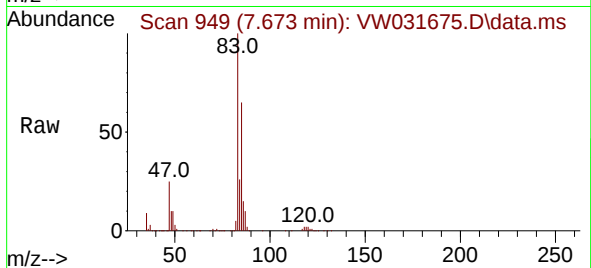
ClientSampleId :

Tgt Ion: 83 Resp: 930973

Ion Ratio Lower Upper

83 100

85 64.9 48.4 89.8



#27

1,2-Dichloroethane

Concen: 63.559 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031675.D

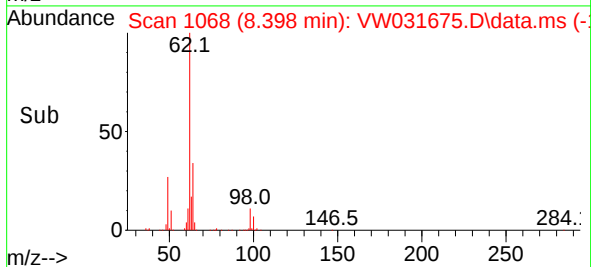
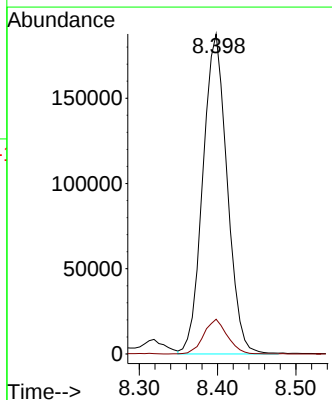
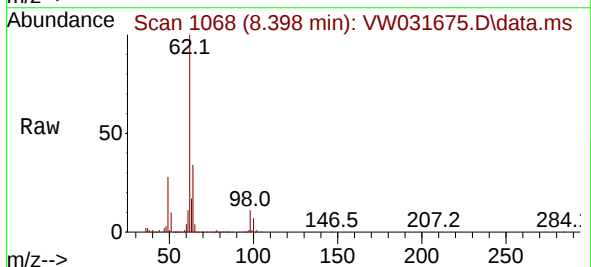
Acq: 31 Jan 2025 18:34

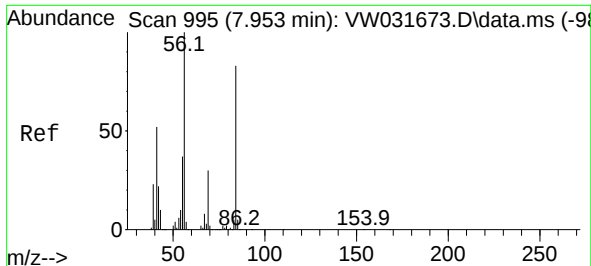
Tgt Ion: 62 Resp: 404712

Ion Ratio Lower Upper

62 100

98 10.9 8.3 12.5





#29

Cyclohexane

Concen: 155.007 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

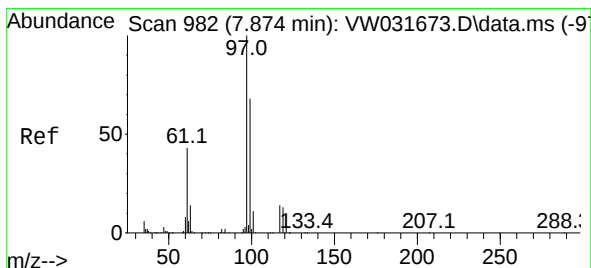
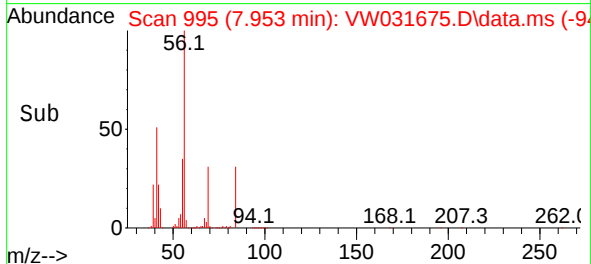
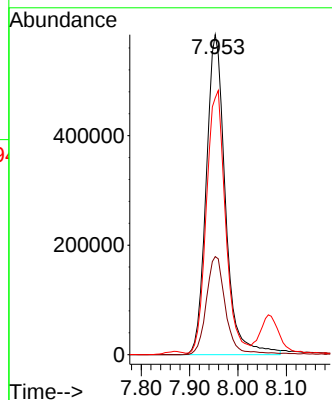
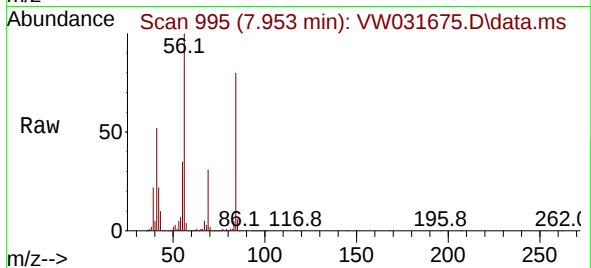
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 1608521

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.4
84	81.2	67.8	101.8



#30

1,1,1-Trichloroethane

Concen: 130.154 ug/L

RT: 7.868 min Scan# 981

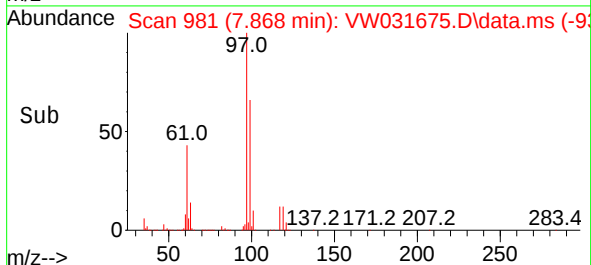
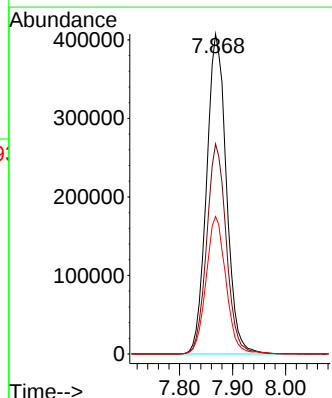
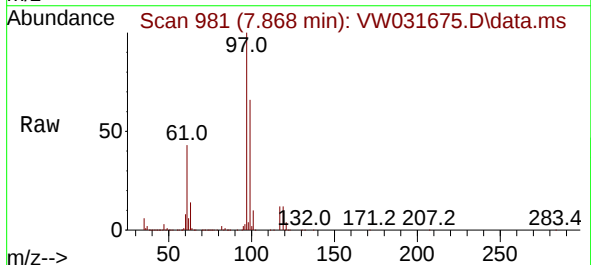
Delta R.T. -0.006 min

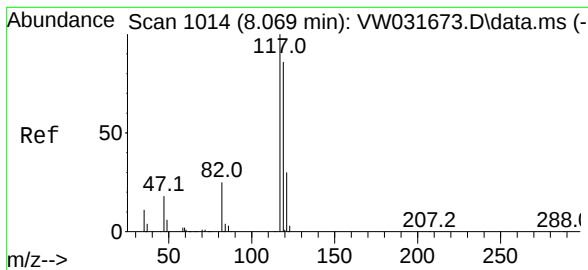
Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Tgt Ion: 97 Resp: 1056188

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.6	79.0
61	42.9	35.4	53.2

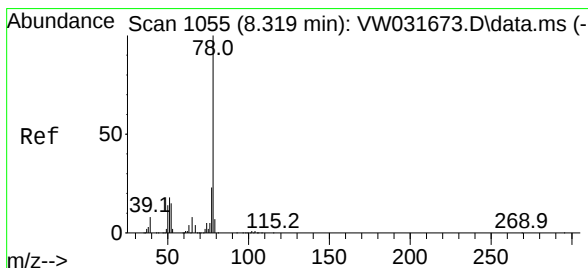
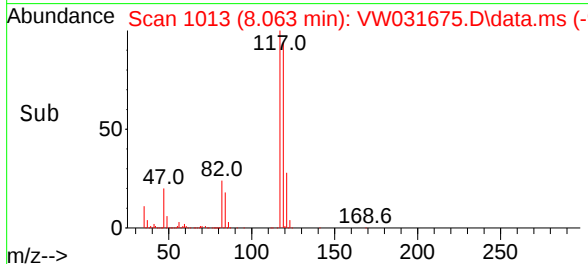
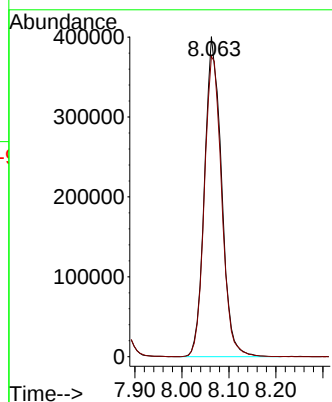
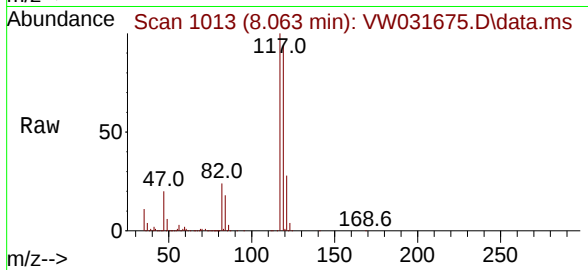




#31
Carbon tetrachloride
Concen: 137.187 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

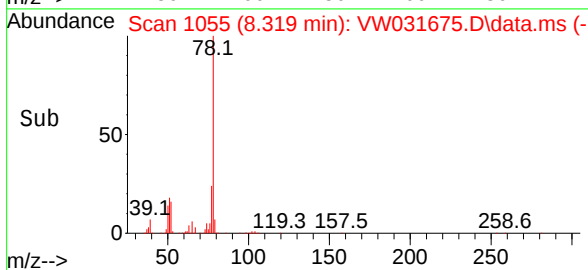
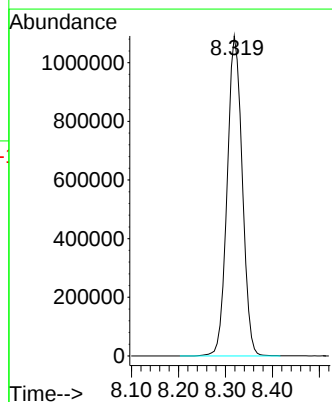
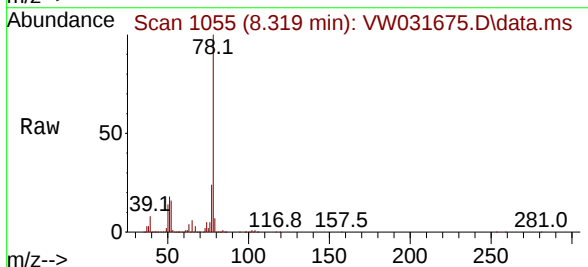
Instrument :
MSVOA_W
ClientSampleId :

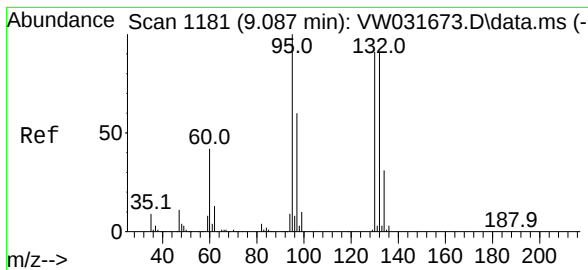
Tgt Ion:117 Resp: 1002916
Ion Ratio Lower Upper
117 100
119 95.9 75.7 113.5



#33
Benzene
Concen: 113.868 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion: 78 Resp: 2436489





#34

Trichloroethene

Concen: 126.730 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

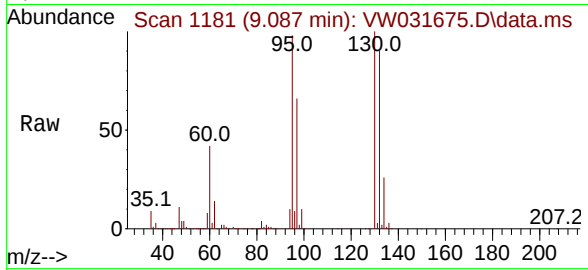
Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 741626

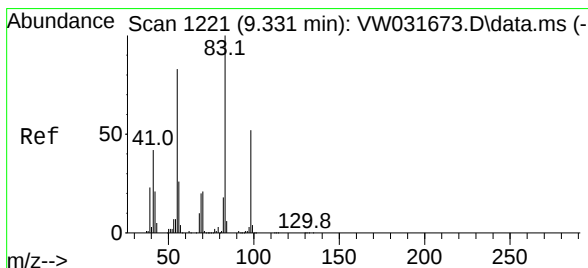
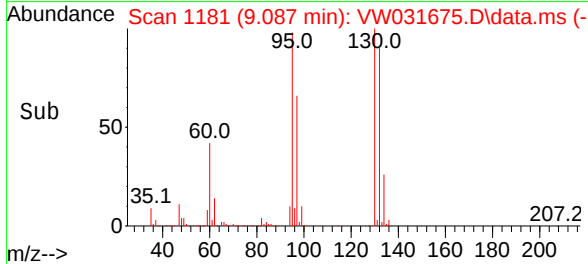
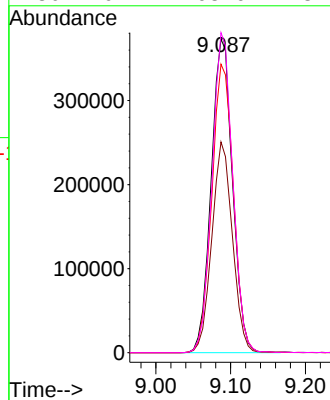
Ion Ratio Lower Upper

95 100

97 67.2 41.9 77.7

132 92.0 63.3 117.7

130 102.1 63.9 118.7



#35

Methylcyclohexane

Concen: 155.293 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

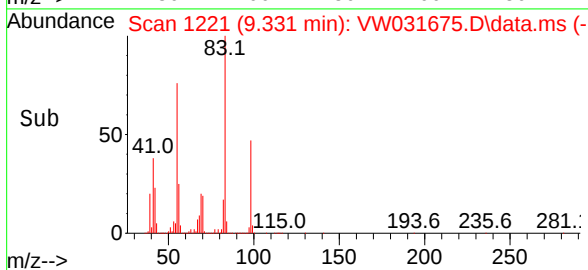
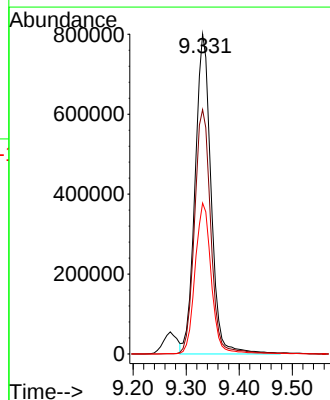
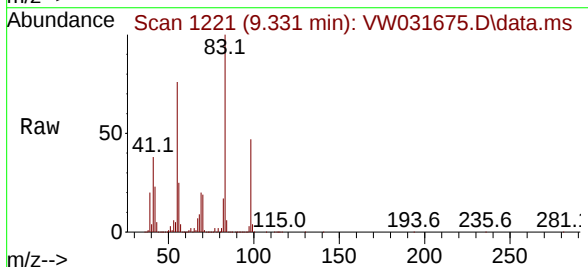
Tgt Ion: 83 Resp: 1676243

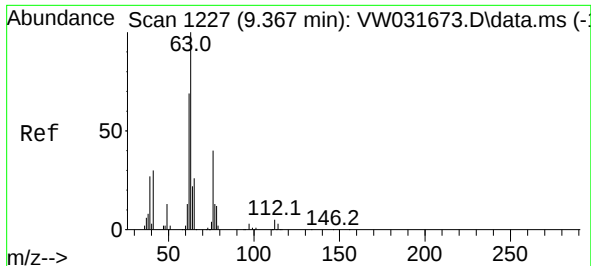
Ion Ratio Lower Upper

83 100

55 77.4 61.5 92.3

98 47.8 38.2 57.2





#37

1,2-Dichloropropane

Concen: 90.897 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

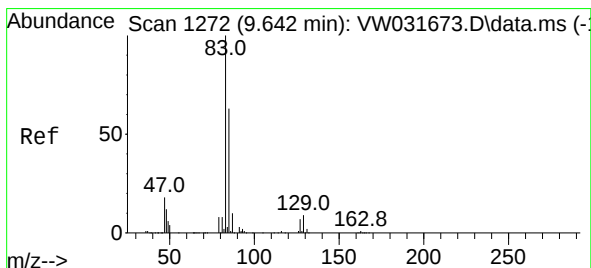
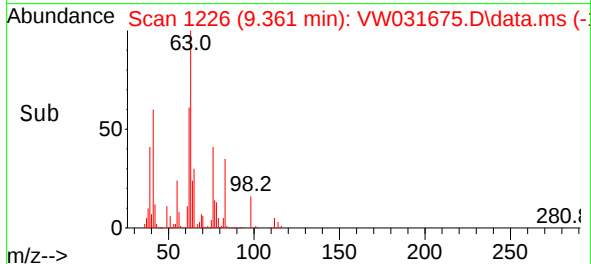
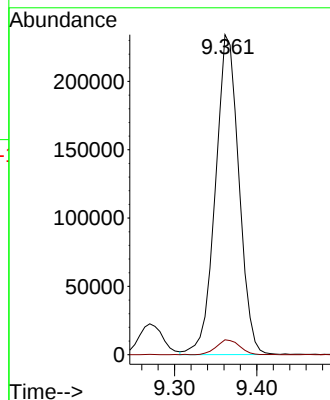
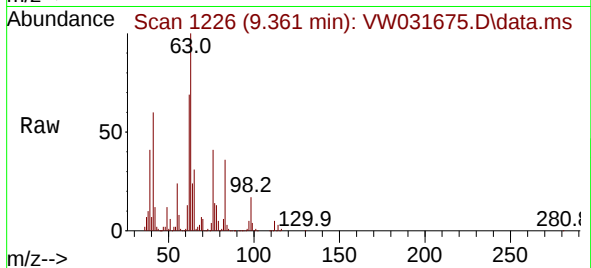
ClientSampleId :

Tgt Ion: 63 Resp: 465841

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 84.657 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

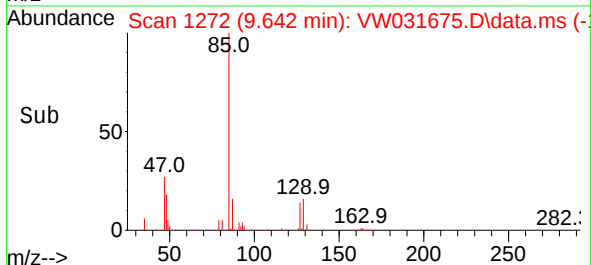
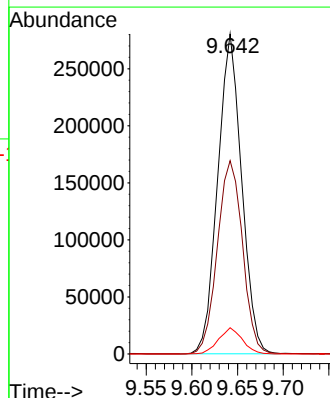
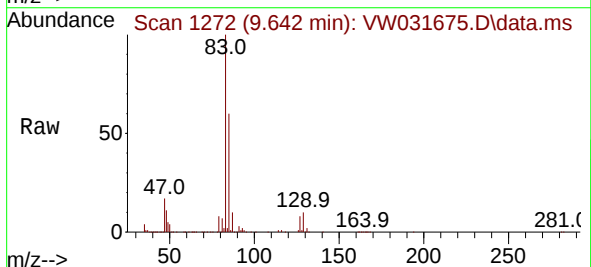
Tgt Ion: 83 Resp: 511054

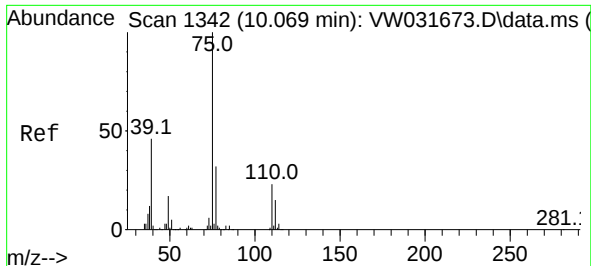
Ion Ratio Lower Upper

83 100

85 60.4 44.2 82.0

127 8.2 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 82.148 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

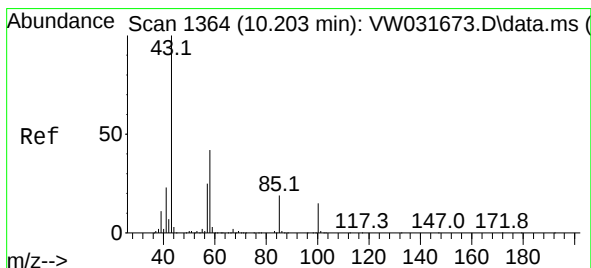
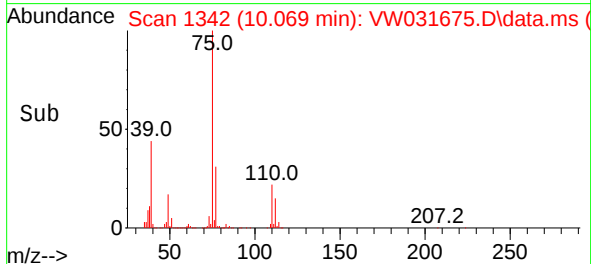
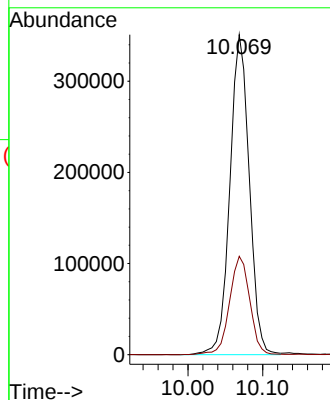
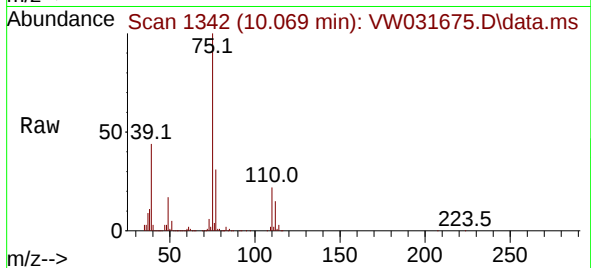
ClientSampleId :

Tgt Ion: 75 Resp: 634126

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 229.041 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

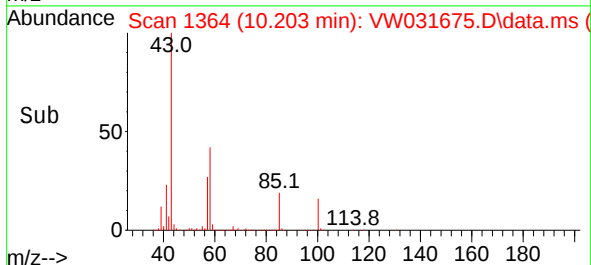
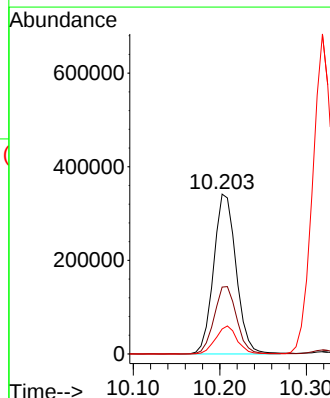
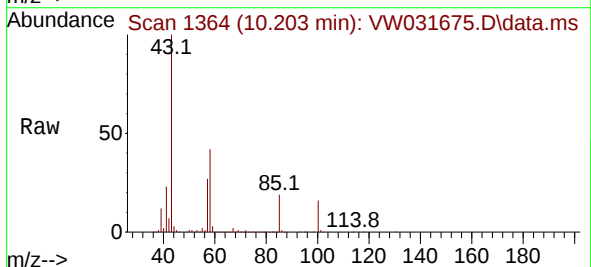
Tgt Ion: 43 Resp: 615406

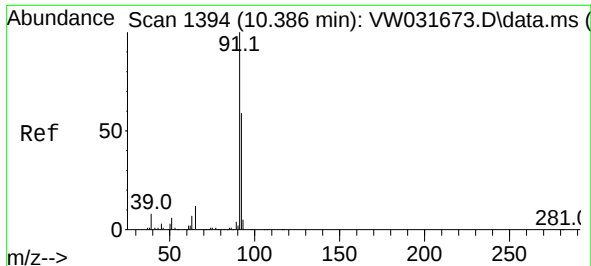
Ion Ratio Lower Upper

43 100

58 42.4 33.5 50.3

100 16.8 12.9 19.3





#42

Toluene

Concen: 116.409 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

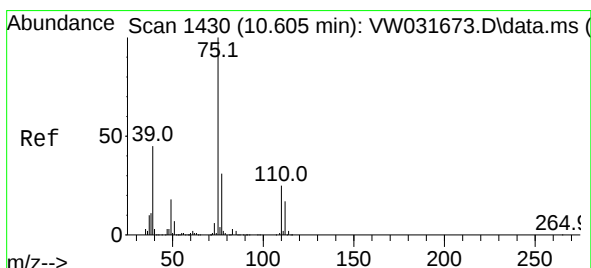
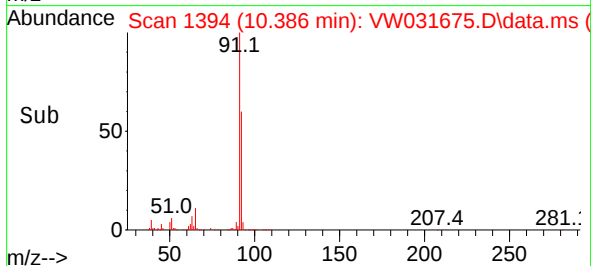
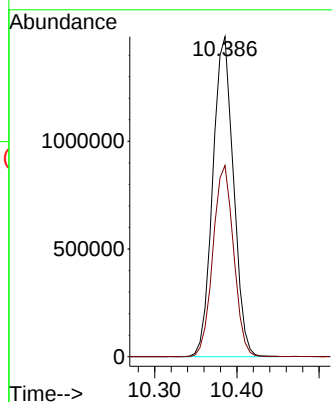
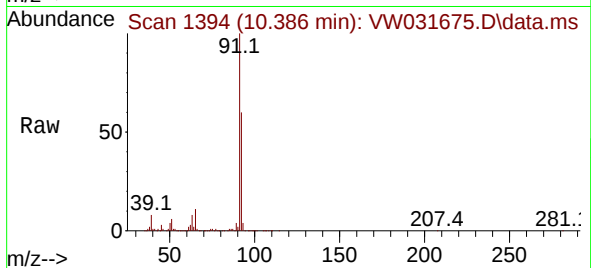
ClientSampleId :

Tgt Ion: 91 Resp: 2599285

Ion Ratio Lower Upper

91 100

92 59.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 76.113 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031675.D

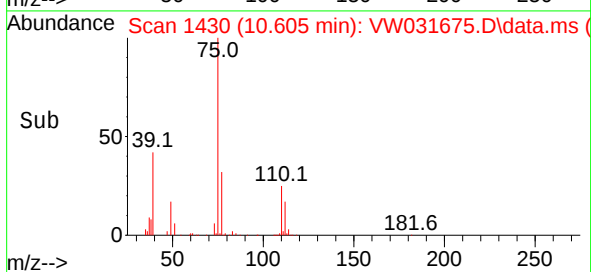
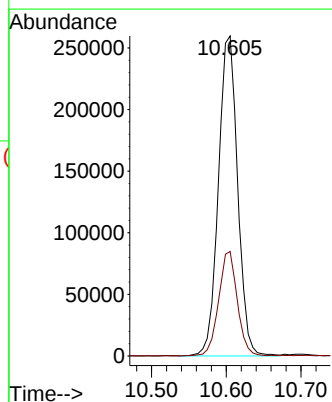
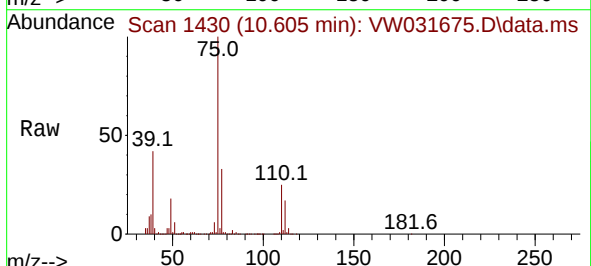
Acq: 31 Jan 2025 18:34

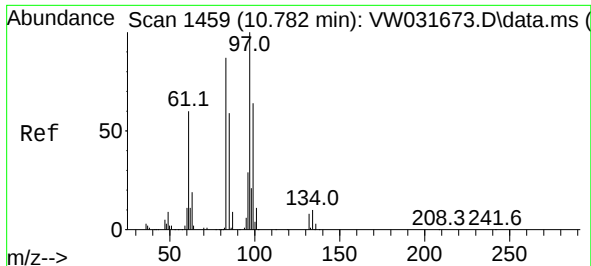
Tgt Ion: 75 Resp: 463898

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 82.889 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

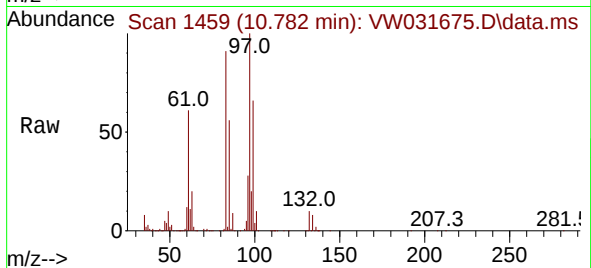
Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 267046

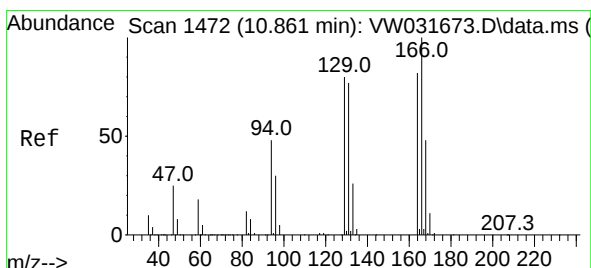
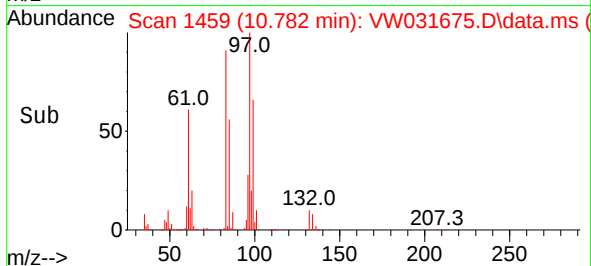
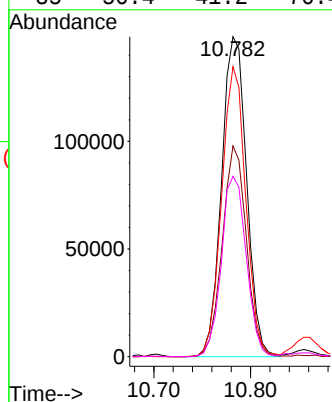
Ion Ratio Lower Upper

97 100

99 65.8 44.9 83.5

83 90.6 60.7 112.7

85 56.4 41.2 76.4



#46

Tetrachloroethene

Concen: 133.749 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Tgt Ion:164 Resp: 571333

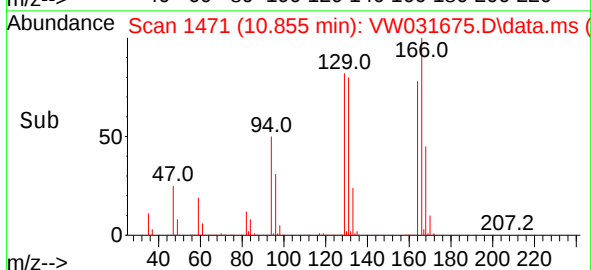
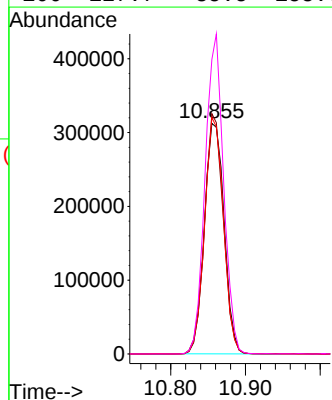
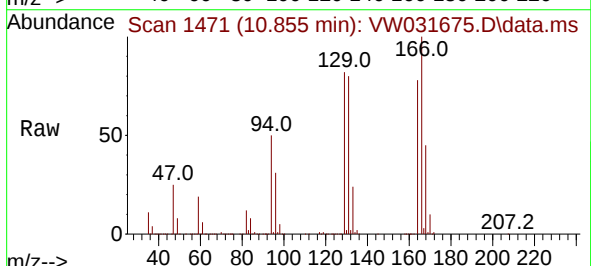
Ion Ratio Lower Upper

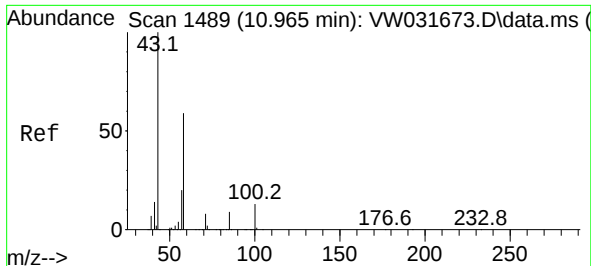
164 100

129 104.2 68.5 127.3

131 102.6 65.9 122.5

166 127.7 85.5 158.7





#48

2-Hexanone

Concen: 299.222 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 515786

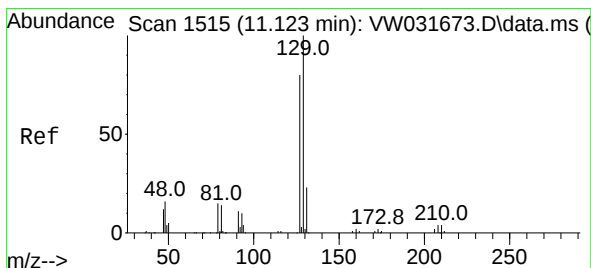
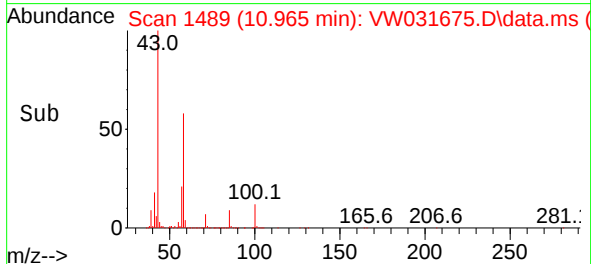
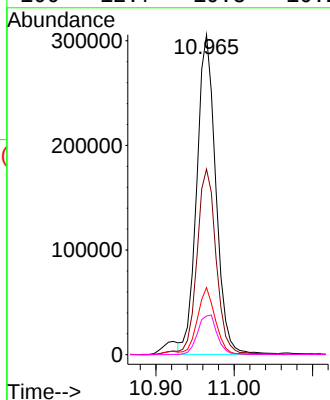
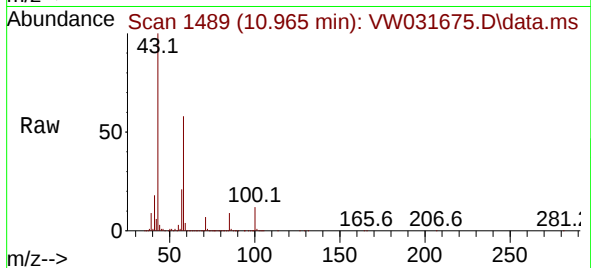
Ion Ratio Lower Upper

43 100

58 58.1 46.0 69.0

57 19.9 16.4 24.6

100 12.7 10.8 16.2



#49

Dibromochloromethane

Concen: 79.413 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW031675.D

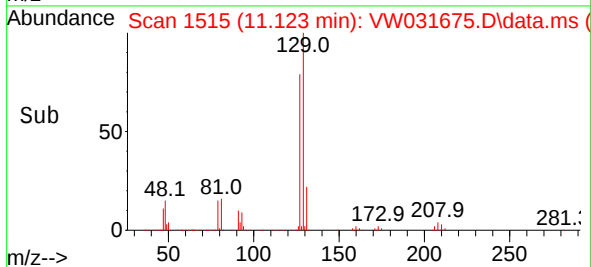
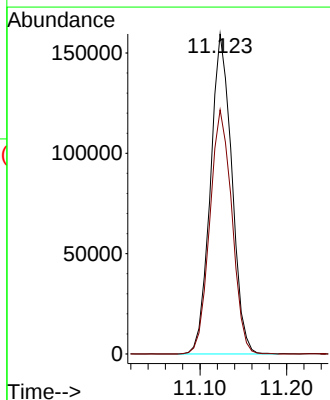
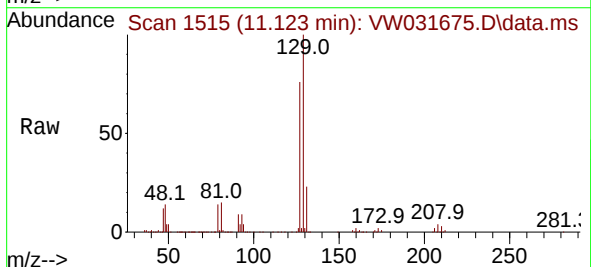
Acq: 31 Jan 2025 18:34

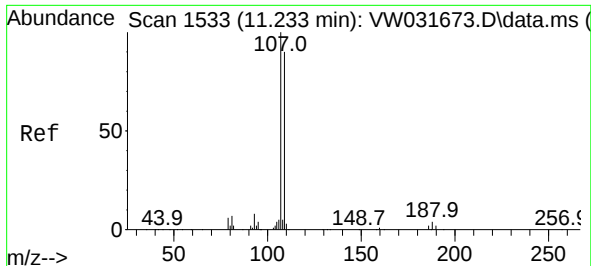
Tgt Ion:129 Resp: 273287

Ion Ratio Lower Upper

129 100

127 76.3 56.4 104.7





#50

1,2-Dibromoethane

Concen: 87.164 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

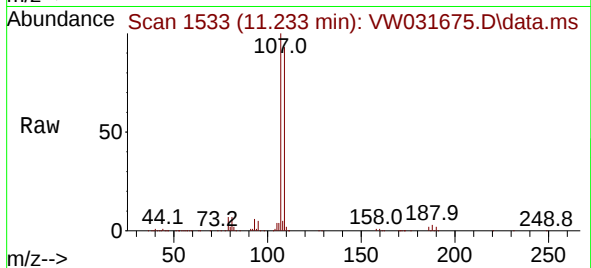
Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :



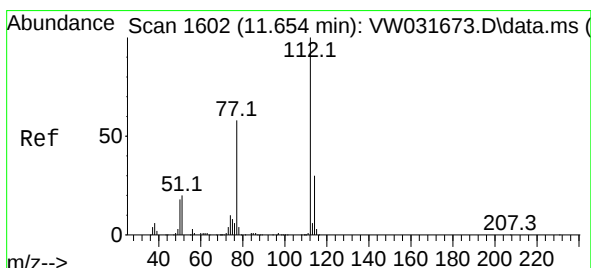
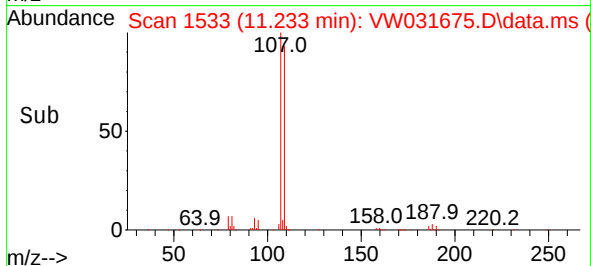
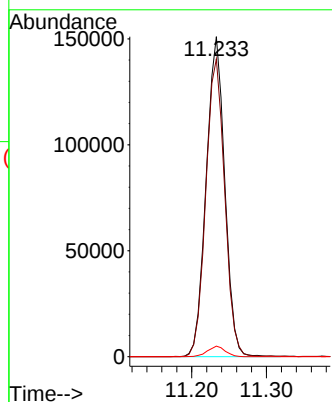
Tgt Ion:107 Resp: 260933

Ion Ratio Lower Upper

107 100

109 93.1 62.9 116.7

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 98.961 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

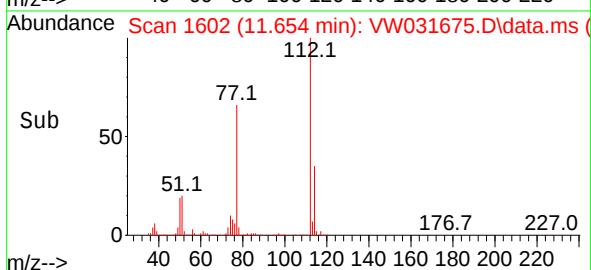
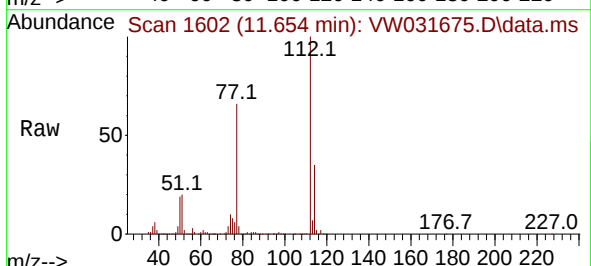
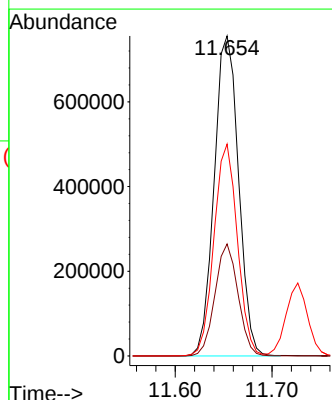
Tgt Ion:112 Resp: 1319285

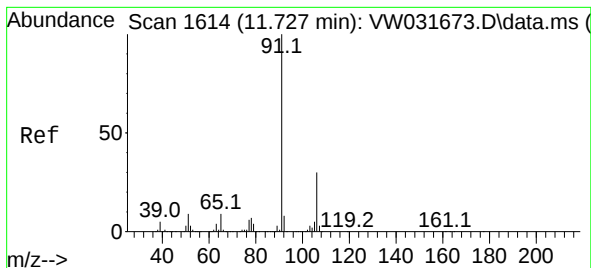
Ion Ratio Lower Upper

112 100

114 35.0 21.1 39.3

77 66.2 46.6 69.8

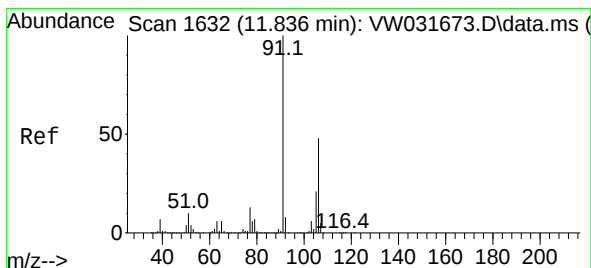
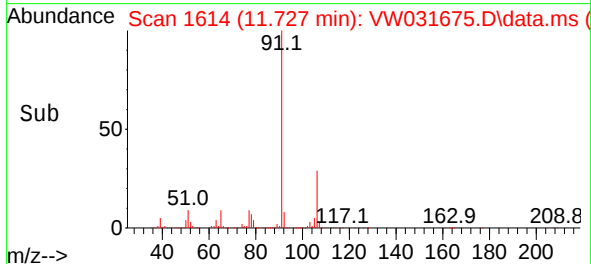
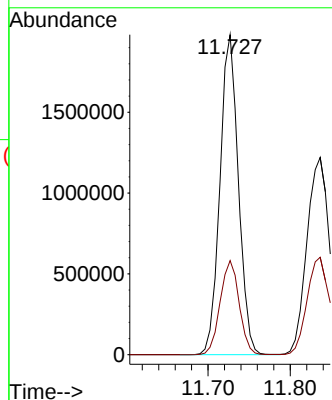
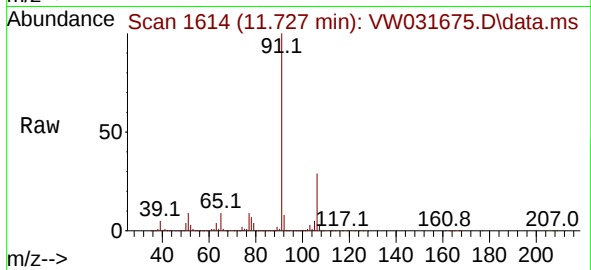




#52
Ethylbenzene
Concen: 120.749 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

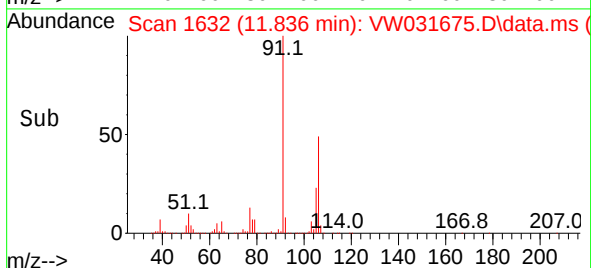
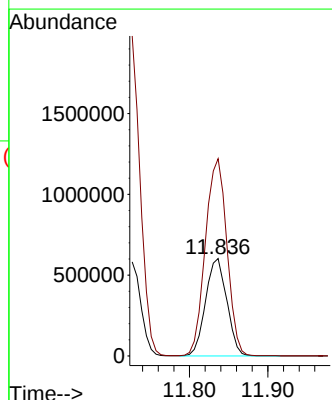
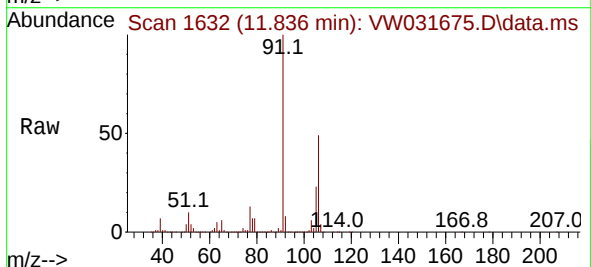
Instrument :
MSVOA_W
ClientSampleId :

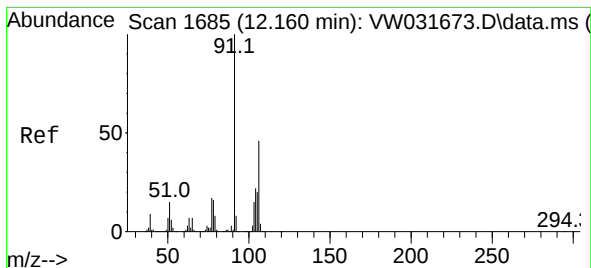
Tgt Ion: 91 Resp: 3089872
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.5



#53
m,p-Xylene
Concen: 117.933 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion:106 Resp: 1137112
Ion Ratio Lower Upper
106 100
91 202.2 147.2 273.4

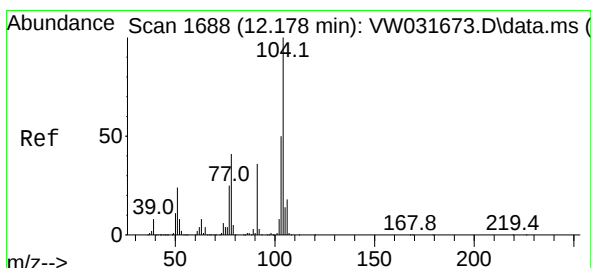
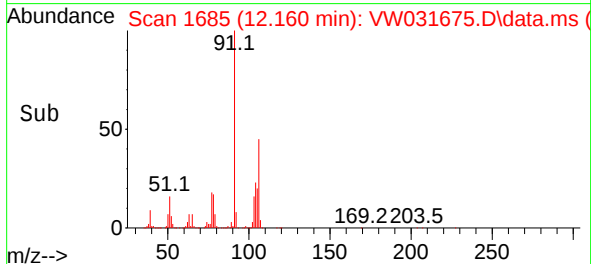
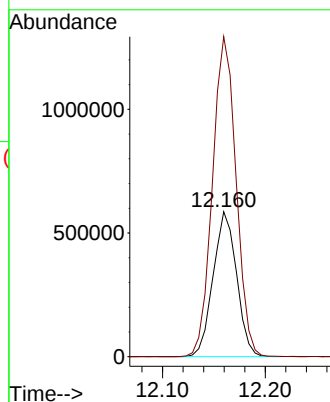
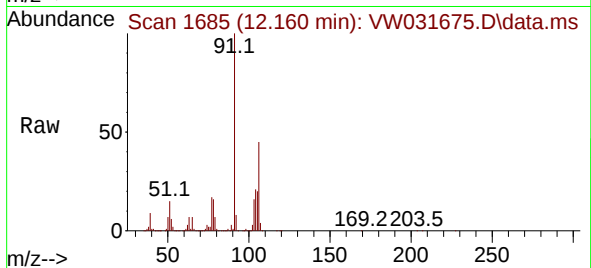




#54
o-Xylene
Concen: 104.654 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

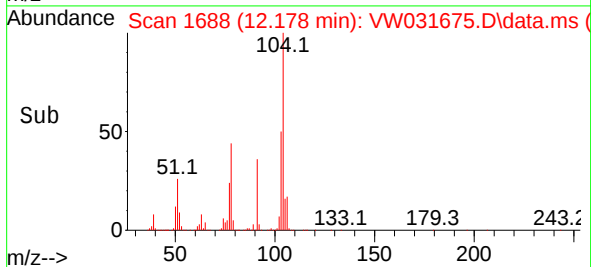
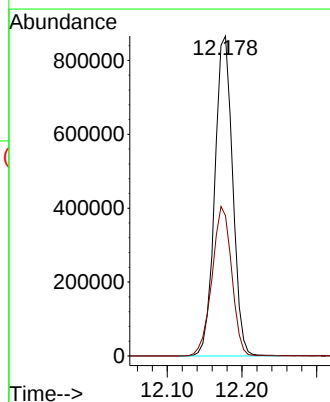
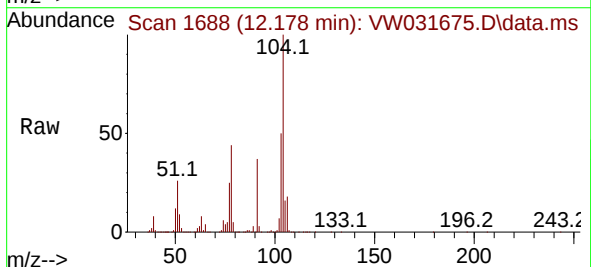
Instrument :
MSVOA_W
ClientSampleId :

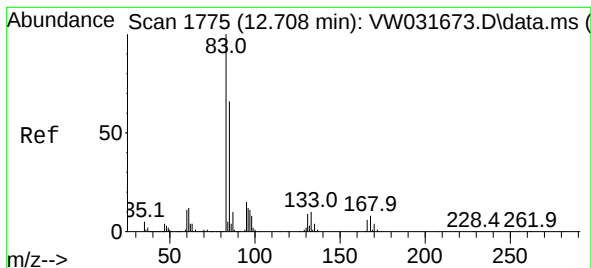
Tgt Ion:106 Resp: 927034
Ion Ratio Lower Upper
106 100
91 220.8 152.7 283.7



#55
Styrene
Concen: 99.560 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion:104 Resp: 1439036
Ion Ratio Lower Upper
104 100
78 43.9 29.0 53.9

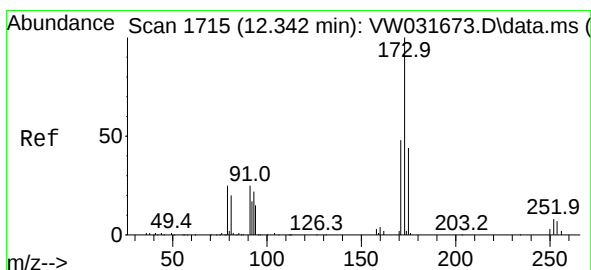
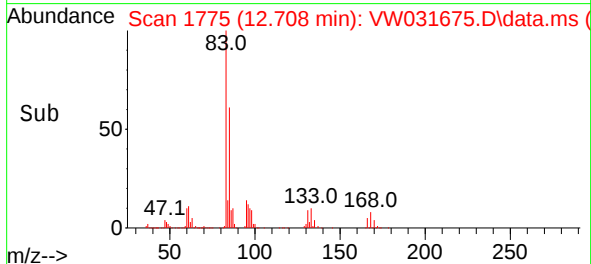
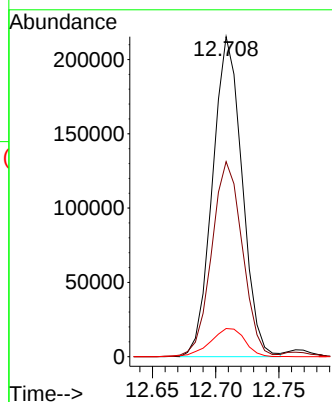
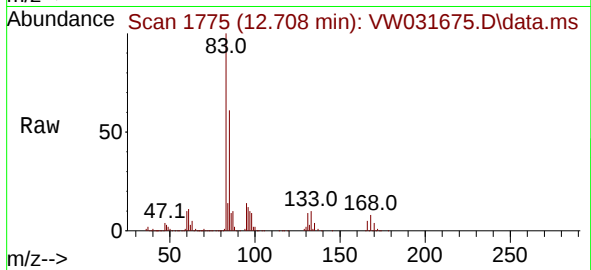




#57
1,1,2,2-Tetrachloroethane
Concen: 96.158 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

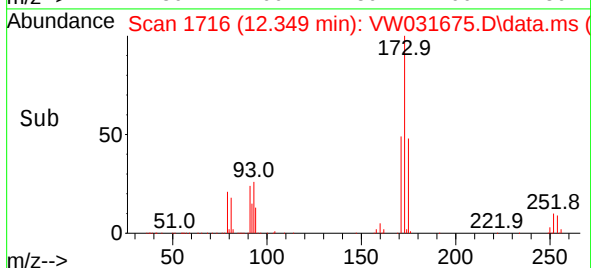
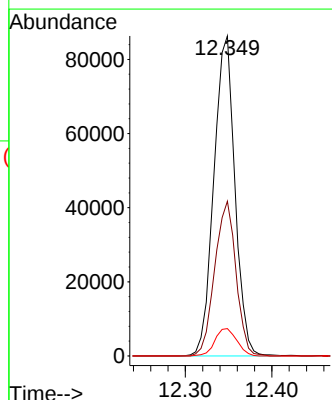
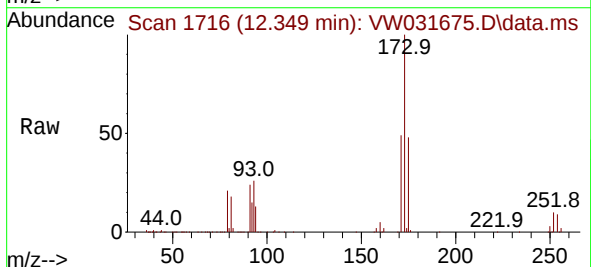
Instrument :
MSVOA_W
ClientSampleId :

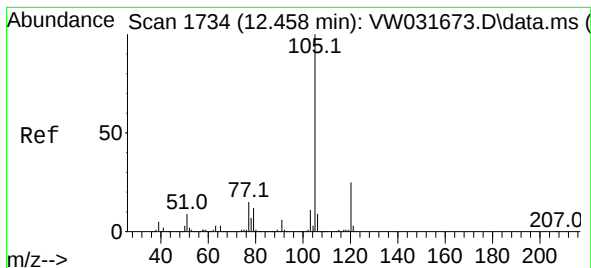
Tgt Ion: 83 Resp: 349781
Ion Ratio Lower Upper
83 100
85 61.0 46.3 86.1
131 8.8 7.1 10.7



#59
Bromoform
Concen: 86.918 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion:173 Resp: 145829
Ion Ratio Lower Upper
173 100
175 48.8 37.3 55.9
254 8.9 6.9 10.3





#60

Isopropylbenzene

Concen: 135.772 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

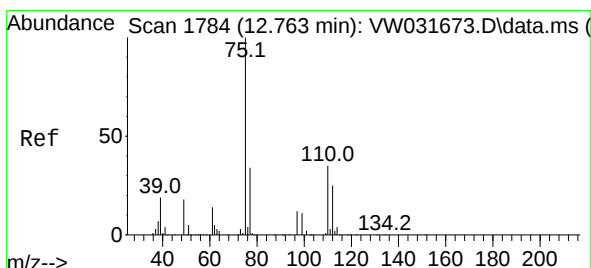
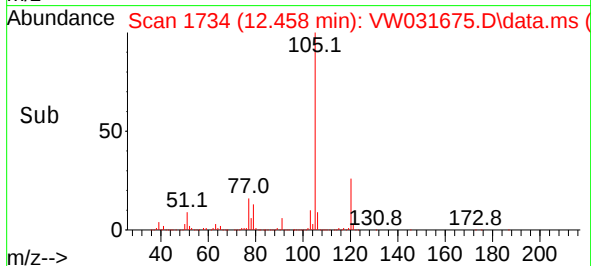
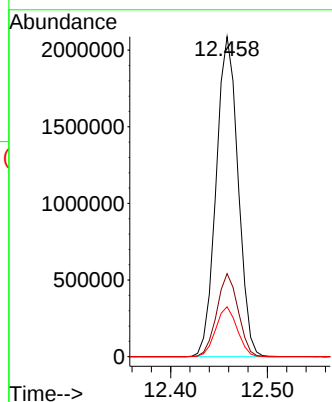
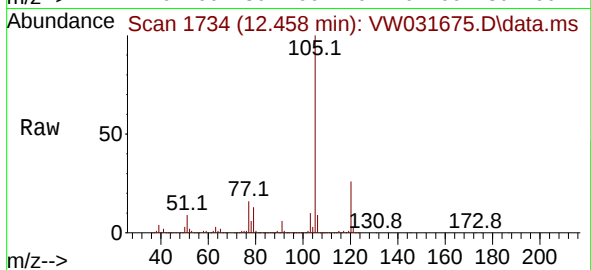
Tgt Ion:105 Resp: 3281426

Ion Ratio Lower Upper

105 100

120 25.3 20.7 31.1

77 15.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 106.095 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

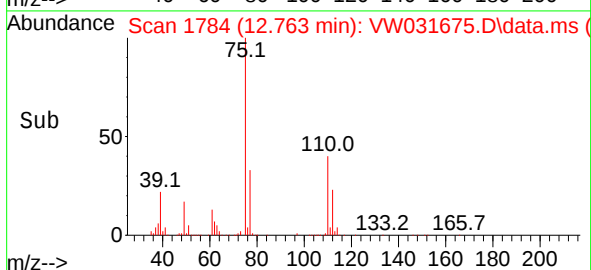
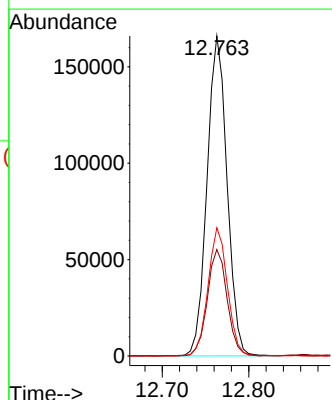
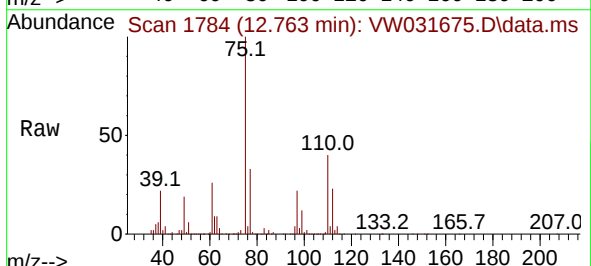
Tgt Ion: 75 Resp: 266518

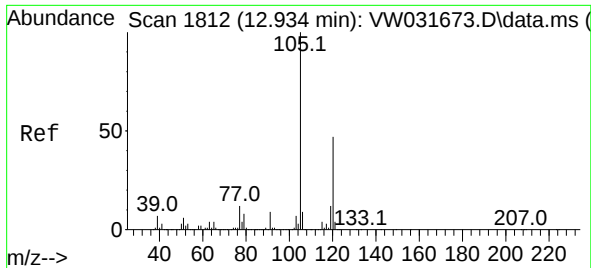
Ion Ratio Lower Upper

75 100

77 32.8 27.4 41.2

110 38.8 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 124.573 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

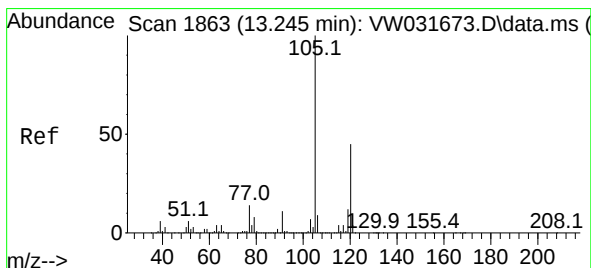
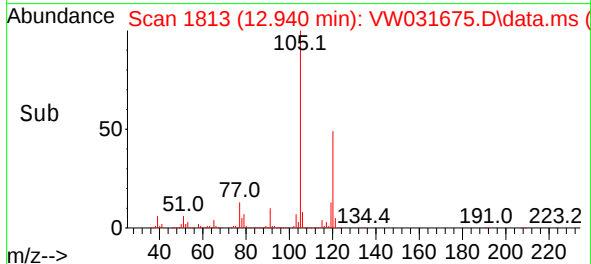
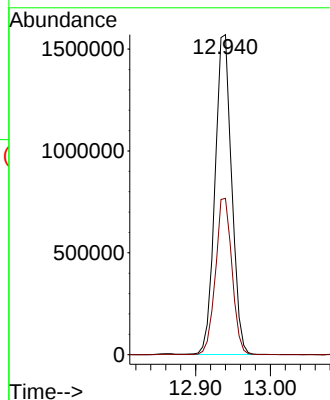
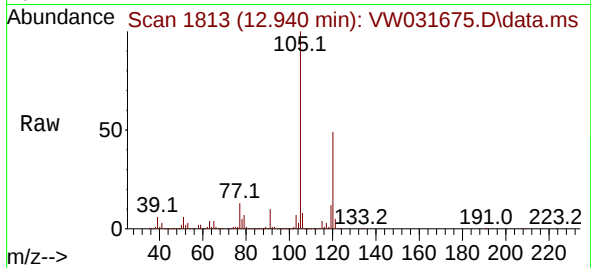
ClientSampleId :

Tgt Ion:105 Resp: 2429152

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 117.536 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031675.D

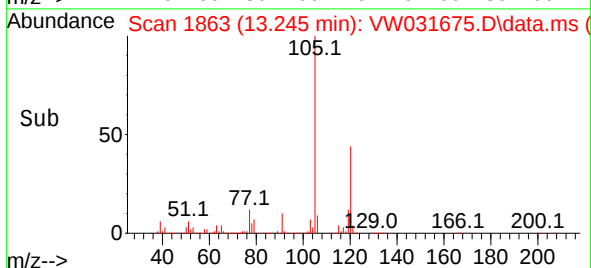
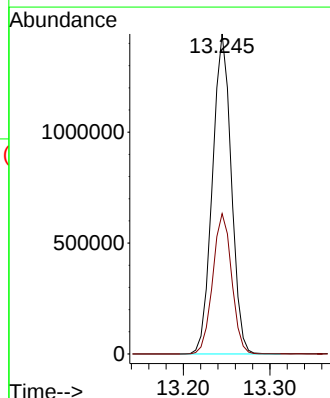
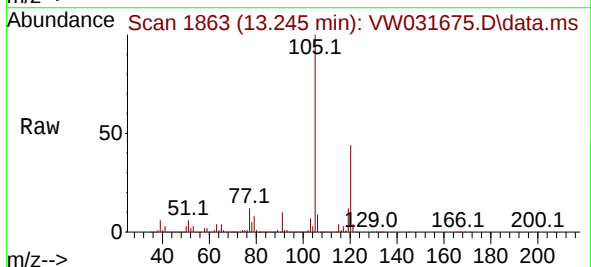
Acq: 31 Jan 2025 18:34

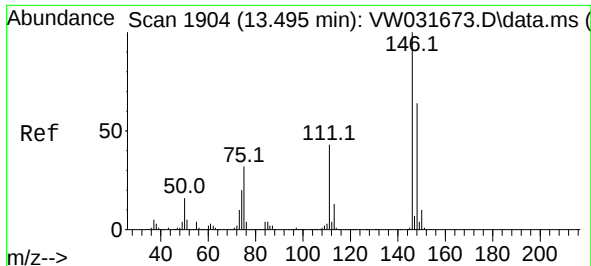
Tgt Ion:105 Resp: 2185008

Ion Ratio Lower Upper

105 100

120 43.9 35.1 52.7





#64

1,3-Dichlorobenzene

Concen: 100.096 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :

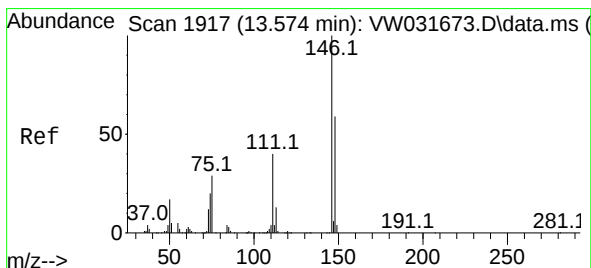
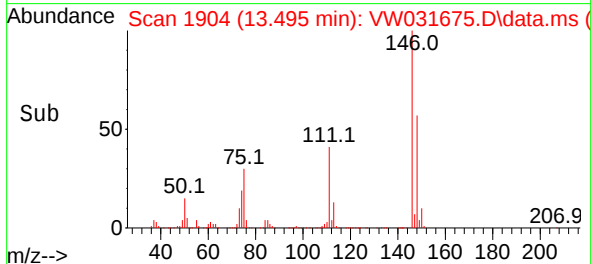
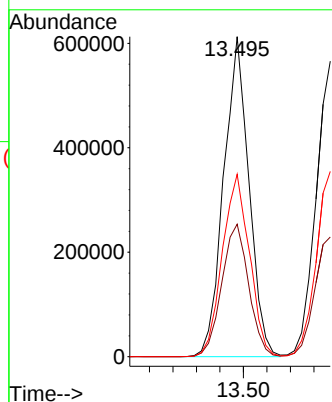
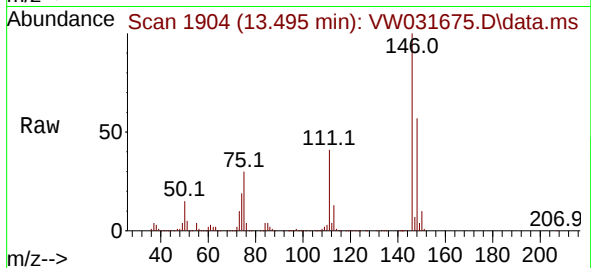
Tgt Ion:146 Resp: 915017

Ion Ratio Lower Upper

146 100

111 41.4 30.2 56.2

148 57.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 97.735 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

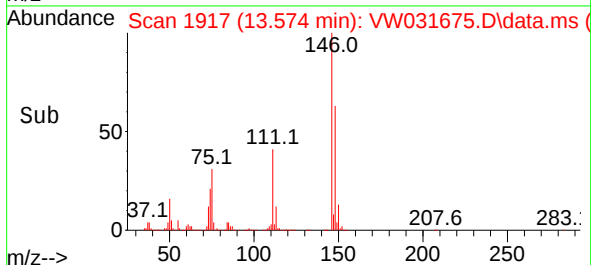
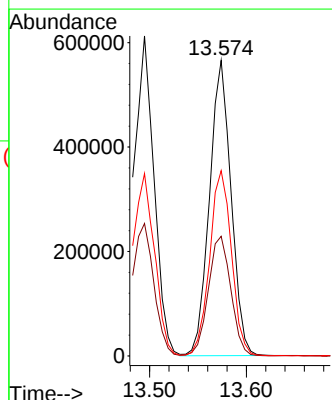
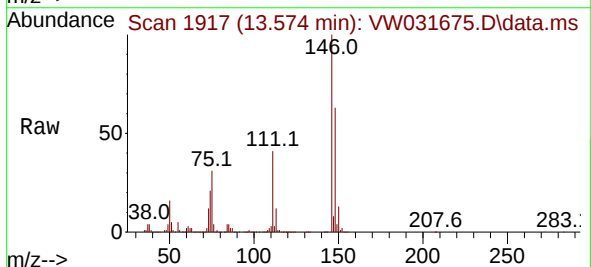
Tgt Ion:146 Resp: 877180

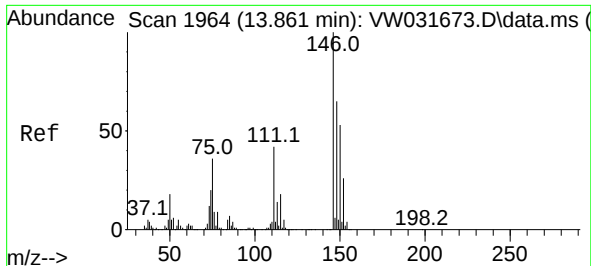
Ion Ratio Lower Upper

146 100

111 40.5 28.1 52.3

148 62.7 41.4 77.0

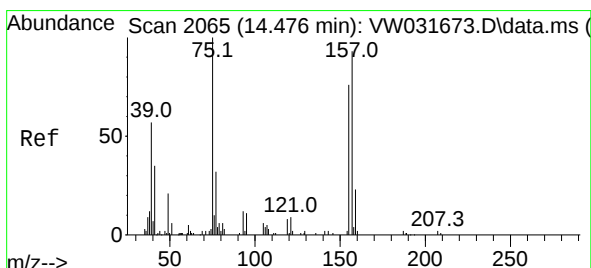
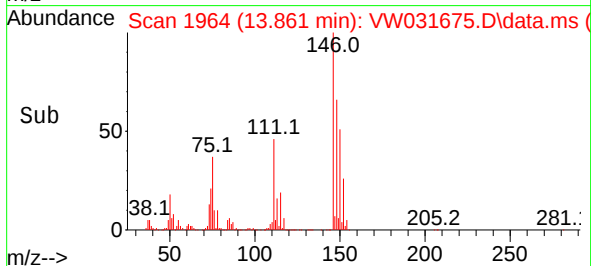
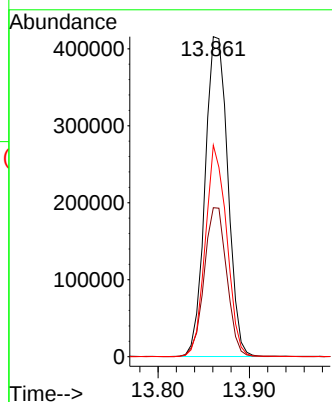
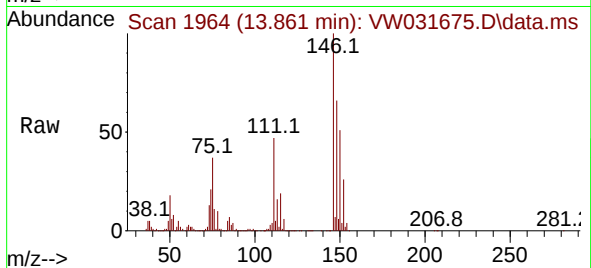




#67
1,2-Dichlorobenzene
Concen: 93.123 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

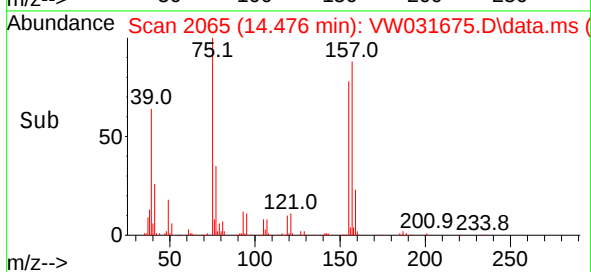
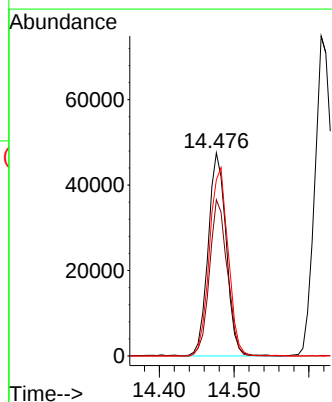
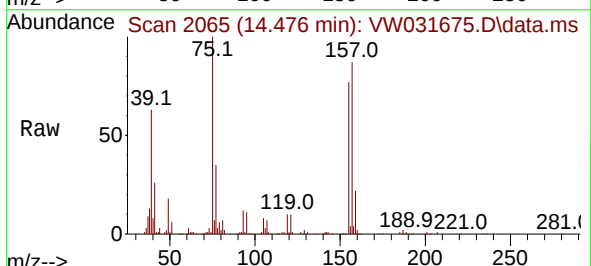
Instrument :
MSVOA_W
ClientSampleId :

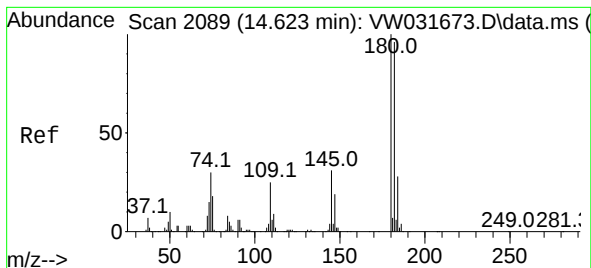
Tgt Ion:146 Resp: 716430
Ion Ratio Lower Upper
146 100
111 46.6 33.4 50.0
148 66.1 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 133.862 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion: 75 Resp: 79657
Ion Ratio Lower Upper
75 100
155 76.9 60.6 91.0
157 86.8 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 104.034 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

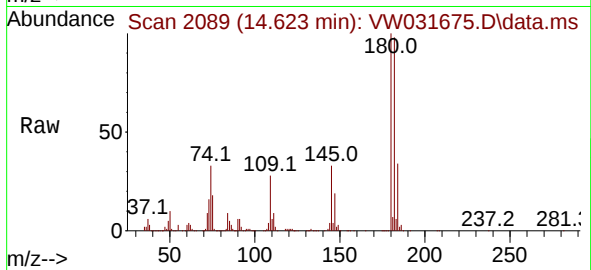
Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 641096

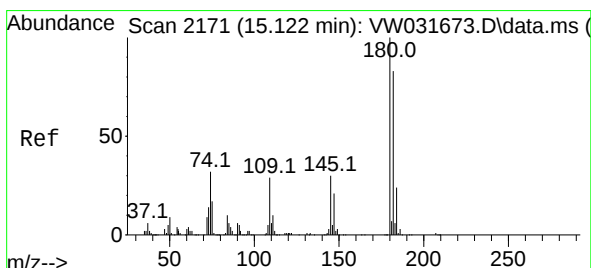
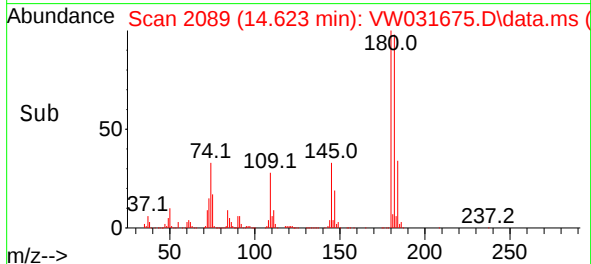
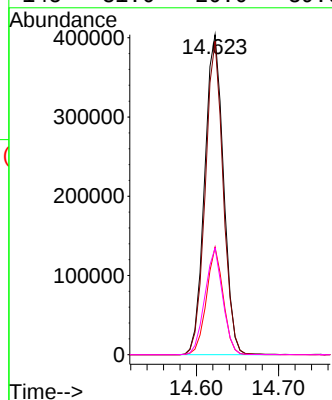
Ion Ratio Lower Upper

180 100

182 93.1 75.1 112.7

184 30.0 23.7 35.5

145 31.6 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 93.789 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031675.D

Acq: 31 Jan 2025 18:34

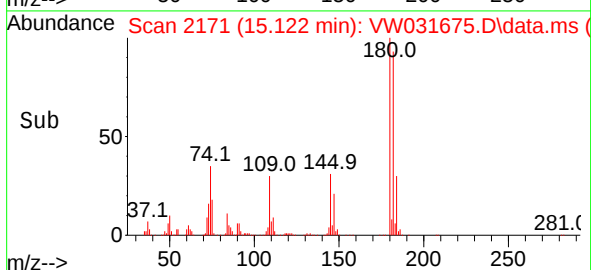
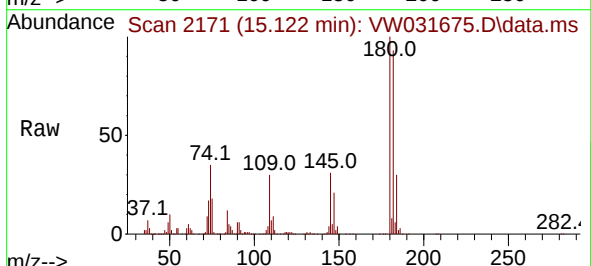
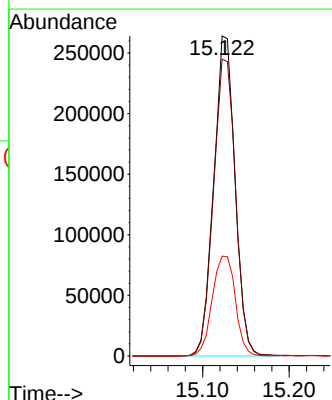
Tgt Ion:180 Resp: 451555

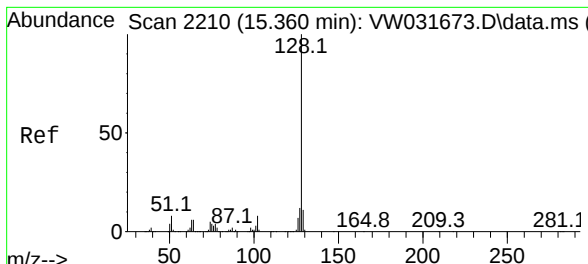
Ion Ratio Lower Upper

180 100

182 96.3 73.0 109.4

145 33.7 26.7 40.1



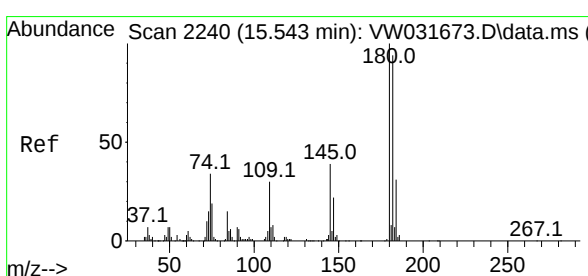
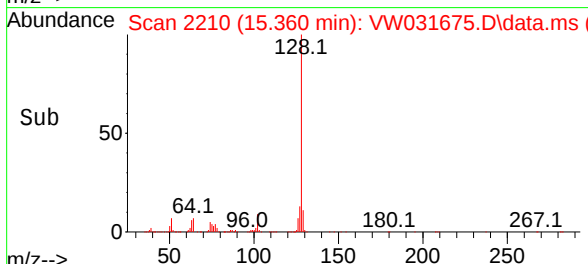
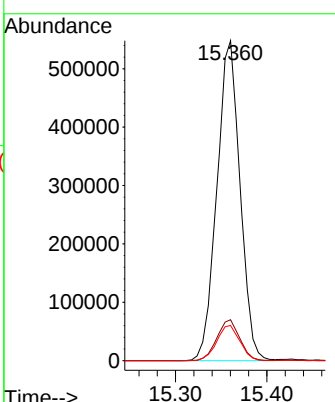
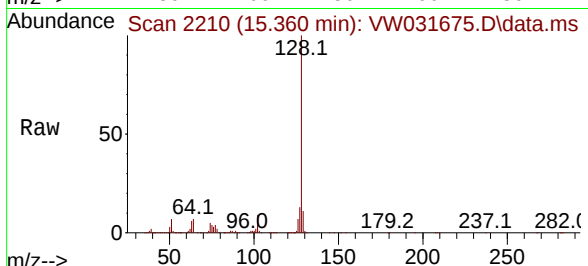


#71
Naphthalene
Concen: 105.341 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 963885

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	11.0	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 91.325 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031675.D
Acq: 31 Jan 2025 18:34

Tgt Ion:180 Resp: 372273

Ion	Ratio	Lower	Upper
180	100		
182	93.2	78.2	117.4
145	35.5	30.2	45.4

