

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031570.D
 Acq On : 17 Jan 2025 13:03
 Operator : SY/MD
 Sample : Q1108-04MSD
 Misc : 2.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

Quant Time: Jan 18 00:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1091918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	920393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	419411	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	379411	22.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
7) Chloroethane-d5	2.899	69	263671	21.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.021	65	172455	22.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.088	46	138347	50.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.460%
24) Chloroform-d	7.648	84	659256	23.329	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.301	65	334228	24.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	8.270	84	1374079	23.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	9.270	67	408432	23.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.319	98	1246395	23.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	10.575	79	175620	25.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.200%
47) 2-Hexanone-d5	10.922	63	97416	55.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268197	25.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	360734	24.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.080%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	246523	17.358	ug/L	95
3) Chloromethane	2.223	50	240824	16.360	ug/L	98
5) Vinyl chloride	2.369	62	321797	17.139	ug/L	98
6) Bromomethane	2.790	94	179190	16.328	ug/L	95
8) Chloroethane	2.930	64	181690	16.462	ug/L	100
9) Trichlorofluoromethane	3.265	101	297441	15.946	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	251539	17.612	ug/L	98
12) 1,1-Dichloroethene	4.039	96	262183	18.045	ug/L	85
13) Acetone	4.155	43	77755m	36.680	ug/L	
14) Carbon disulfide	4.387	76	854974	17.469	ug/L	100
15) Methyl Acetate	4.686	43	104611	18.837	ug/L #	75
16) Methylene chloride	4.917	84	264209	17.767	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	285566	18.299	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	470885	18.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	532629	18.141	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	309734	18.589	ug/L	97
22) 2-Butanone	7.179	43	130967	36.175	ug/L	97
23) Bromochloromethane	7.514	128	121653	18.643	ug/L	93
25) Chloroform	7.673	83	518525	18.567	ug/L	100

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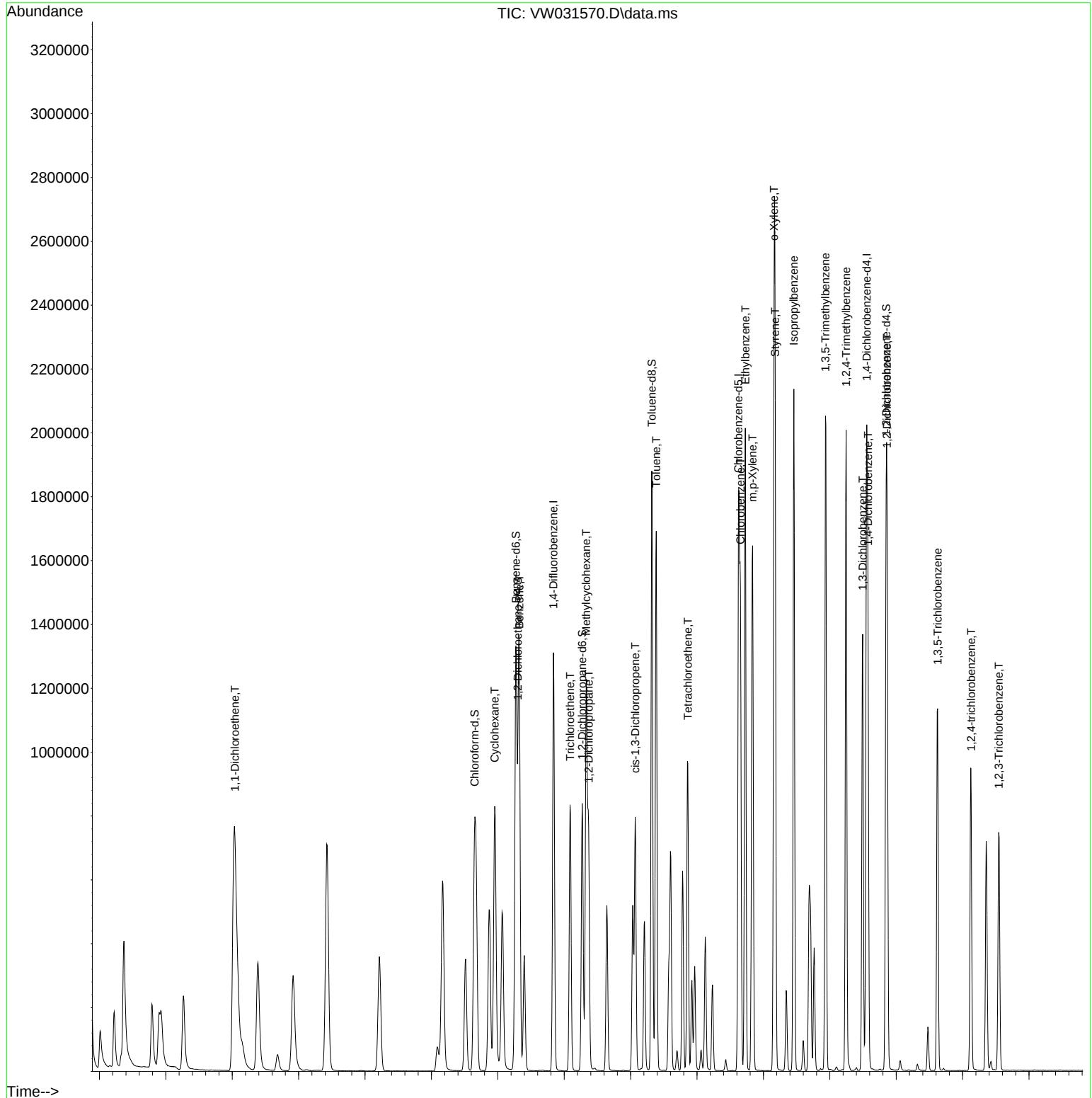
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323633	18.815	ug/L	98
29) Cyclohexane	7.953	56	524180	17.769	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	437240	18.300	ug/L	98
31) Carbon tetrachloride	8.063	117	388370	18.333	ug/L	99
33) Benzene	8.325	78	1166033	18.511	ug/L	100
34) Trichloroethene	9.087	95	309395	18.269	ug/L	96
35) Methylcyclohexane	9.331	83	517478	17.043	ug/L	99
37) 1,2-Dichloropropane	9.368	63	296355	18.718	ug/L	100
38) Bromodichloromethane	9.642	83	359342	18.763	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	480781	19.304	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	311379	39.402	ug/L	99
42) Toluene	10.386	91	1216093	18.468	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	389855	19.583	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	194065	19.123	ug/L	97
46) Tetrachloroethene	10.861	164	212119	17.454	ug/L	88
48) 2-Hexanone	10.965	43	204631	42.373	ug/L	99
49) Dibromochloromethane	11.123	129	220366	19.736	ug/L	99
50) 1,2-Dibromoethane	11.233	107	188062	19.995	ug/L	98
51) Chlorobenzene	11.654	112	757699	18.635	ug/L	99
52) Ethylbenzene	11.727	91	1397558	18.498	ug/L	97
53) m,p-Xylene	11.837	106	530386	18.411	ug/L	100
54) o-Xylene	12.160	106	497406	18.579	ug/L	99
55) Styrene	12.178	104	838550	18.824	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	224693	20.150	ug/L	99
59) Bromoform	12.343	173	109893	19.664	ug/L	97
60) Isopropylbenzene	12.459	105	1331556	18.174	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	161077	20.451	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	1131530	18.756	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1108968	18.886	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543724	18.711	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	538540	18.738	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	484881	19.539	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	37247	21.153	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	341486	17.341	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	291952	18.613	ug/L	99
71) Naphthalene	15.354	128	606071	20.606	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	245623	18.593	ug/L	96

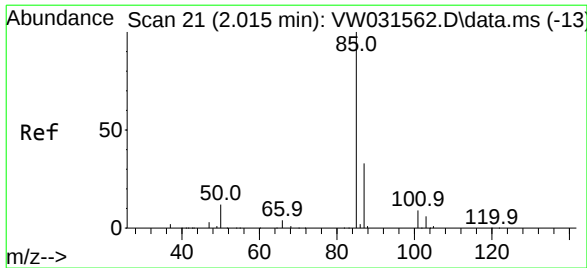
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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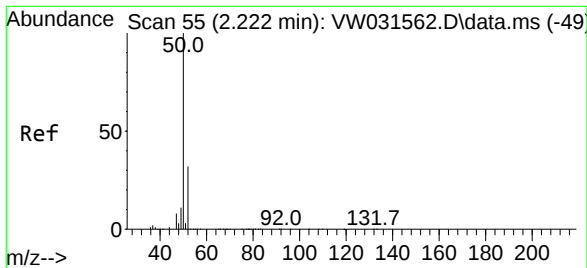
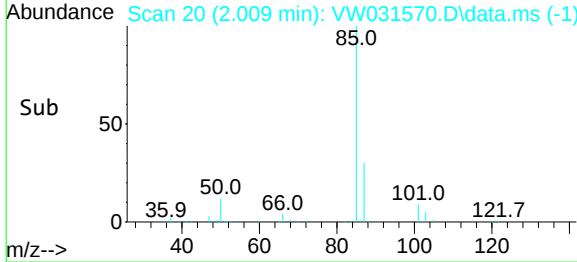
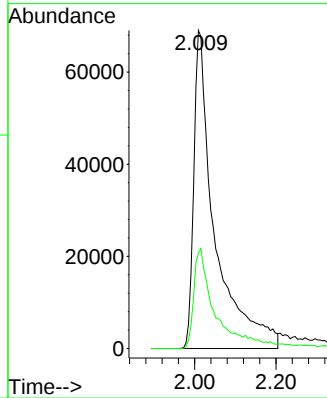
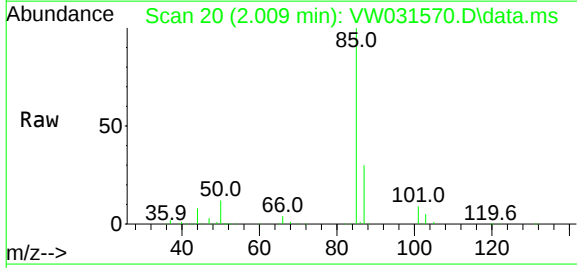




#2
 Dichlorodifluoromethane
 Concen: 17.358 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

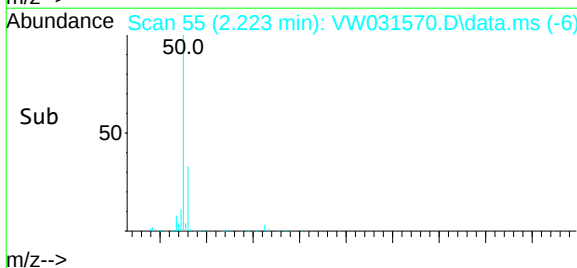
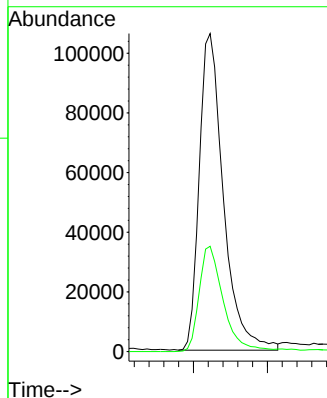
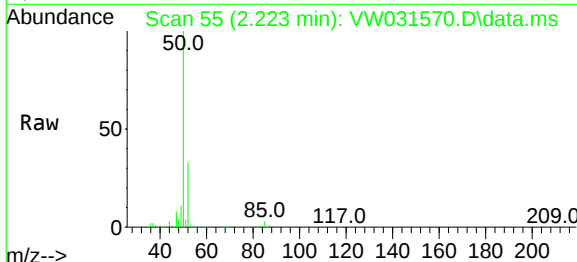
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

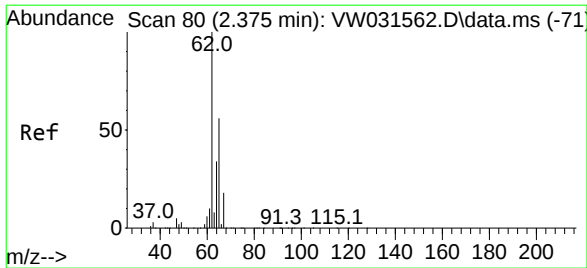
Tgt Ion: 85 Resp: 246523
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.0 37.4



#3
 Chloromethane
 Concen: 16.360 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion: 50 Resp: 240824
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.3 41.3

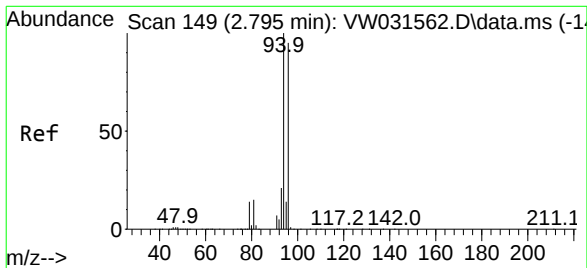
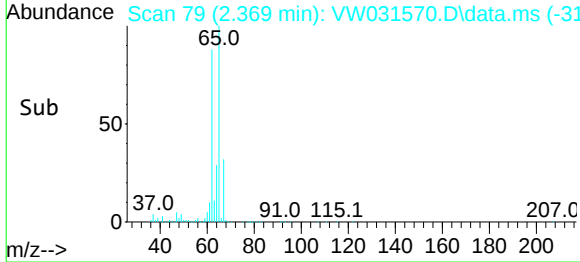
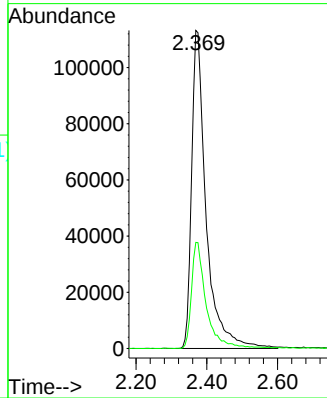
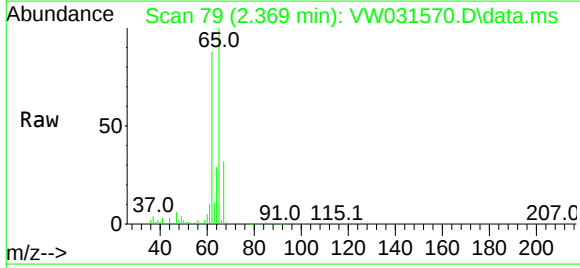




#5
 Vinyl chloride
 Concen: 17.139 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

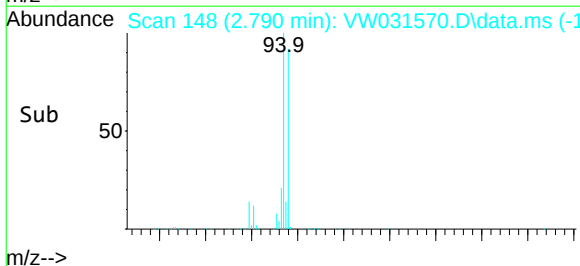
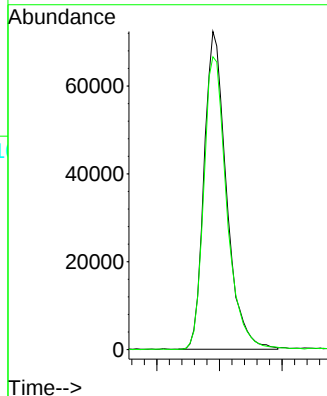
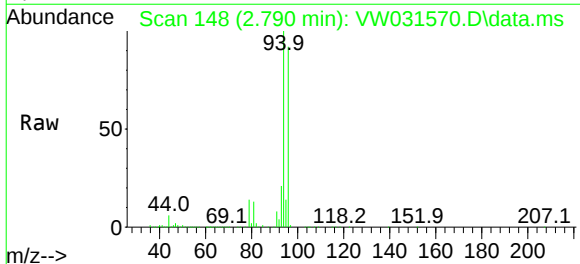
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

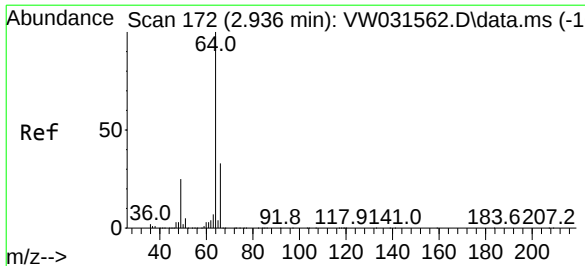
Tgt Ion: 62 Resp: 321797
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 16.328 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion: 94 Resp: 179190
 Ion Ratio Lower Upper
 94 100
 96 92.1 67.6 125.6

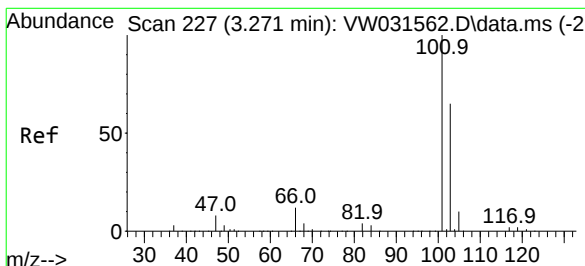
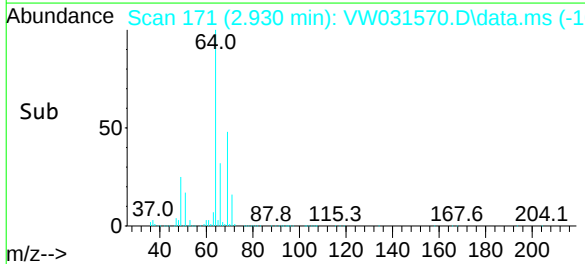
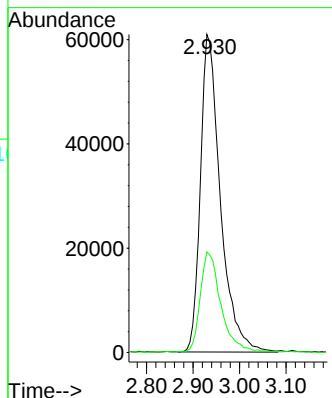
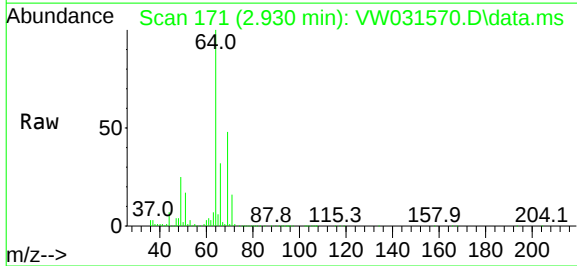




#8
Chloroethane
Concen: 16.462 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

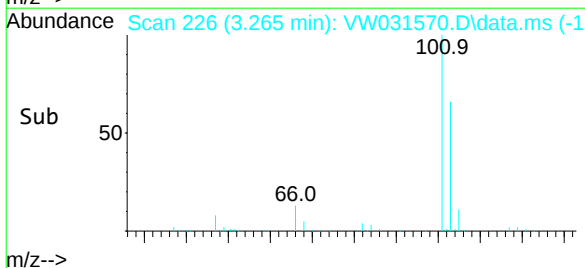
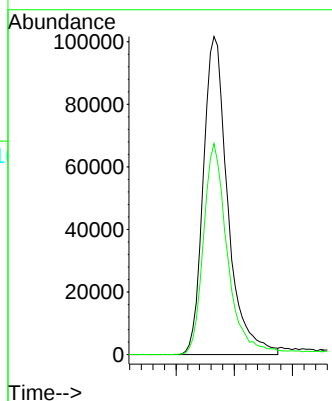
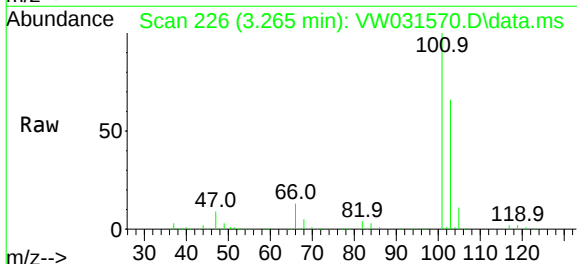
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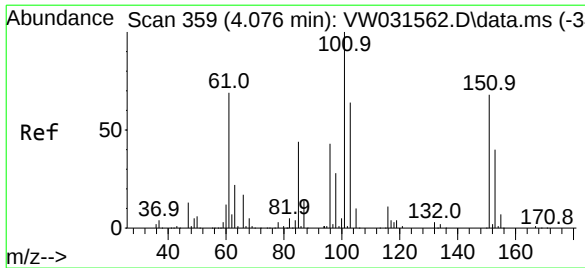
Tgt Ion: 64 Resp: 181690
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 15.946 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 101 Resp: 297441
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

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

Concen: 17.612 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

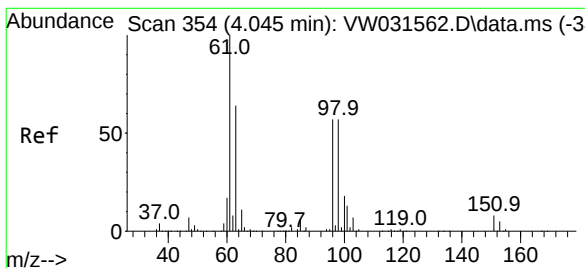
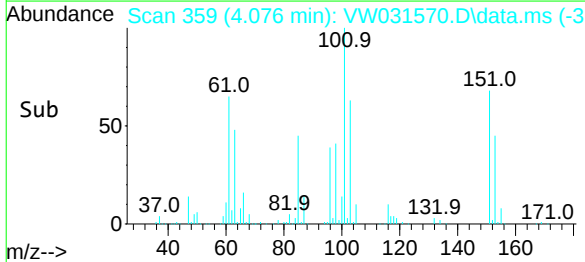
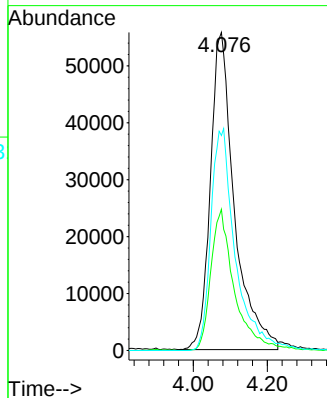
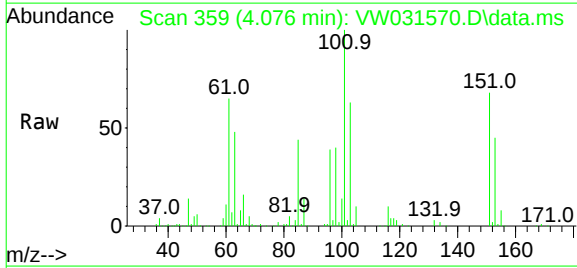
Tgt Ion: 101 Resp: 251539

Ion Ratio Lower Upper

101 100

85 42.5 36.1 54.1

151 70.0 56.9 85.3



#12

1,1-Dichloroethene

Concen: 18.045 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

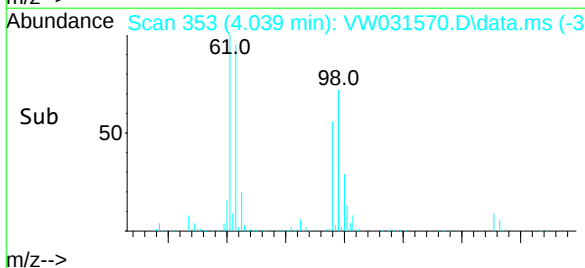
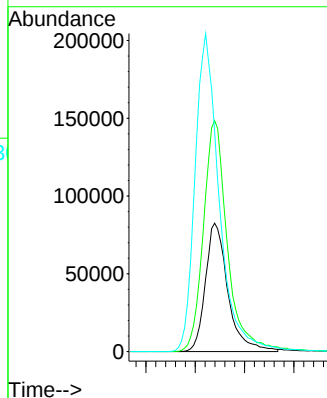
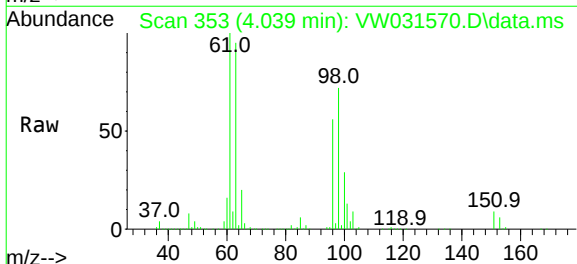
Tgt Ion: 96 Resp: 262183

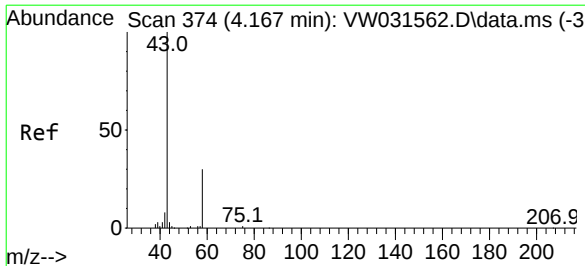
Ion Ratio Lower Upper

96 100

61 179.9 123.8 230.0

63 171.4 94.1 174.8





#13

Acetone

Concen: 36.680 ug/L m

RT: 4.155 min Scan# 37

Delta R.T. -0.012 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

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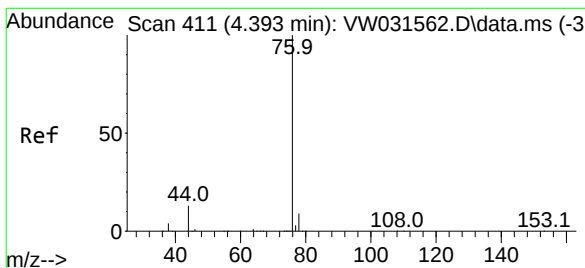
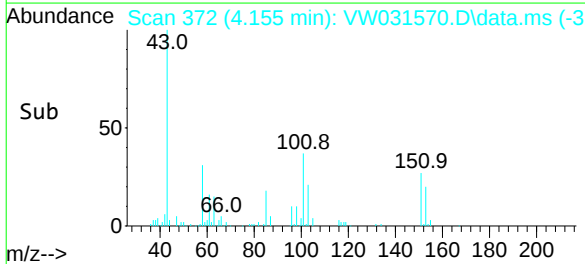
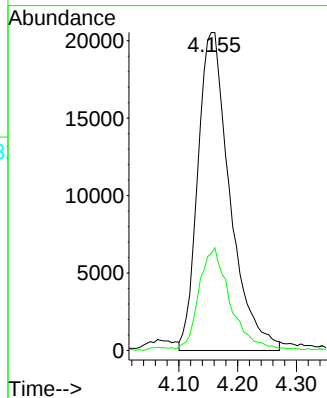
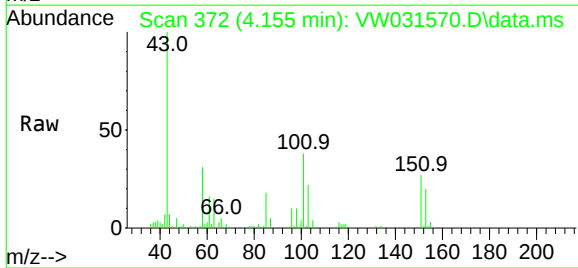
YE8F7MSD

Tgt Ion: 43 Resp: 77755

Ion Ratio Lower Upper

43 100

58 0.5 0.0 28.2



#14

Carbon disulfide

Concen: 17.469 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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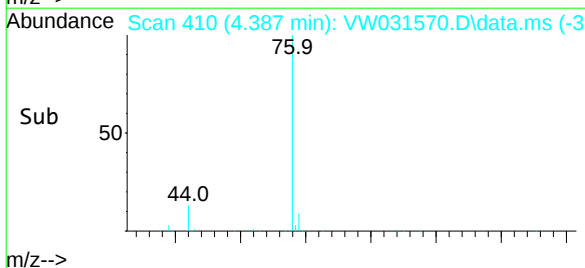
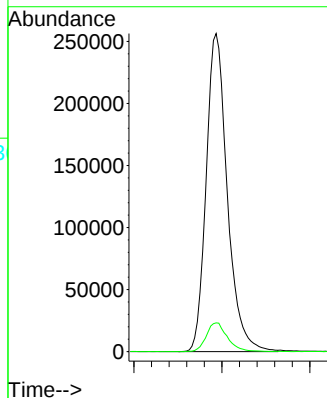
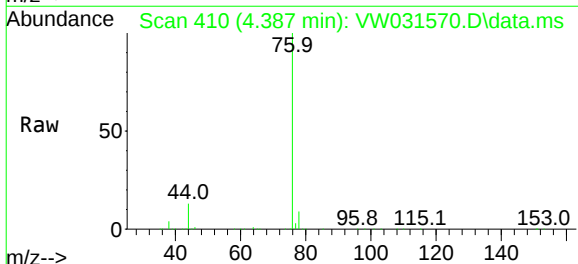
Acq: 17 Jan 2025 13:03

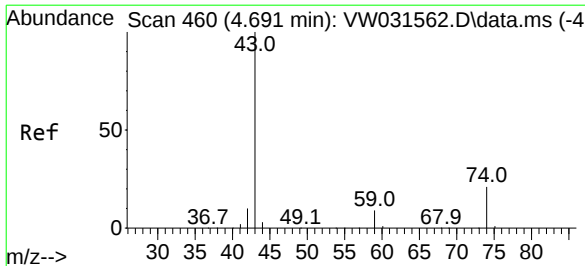
Tgt Ion: 76 Resp: 854974

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 18.837 ug/L

RT: 4.686 min Scan# 45

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

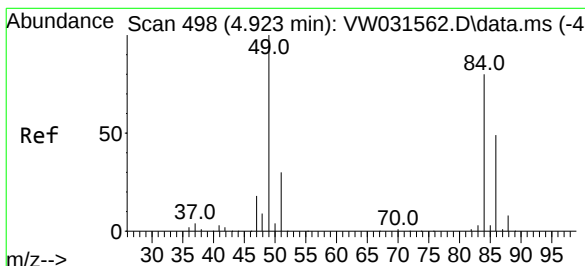
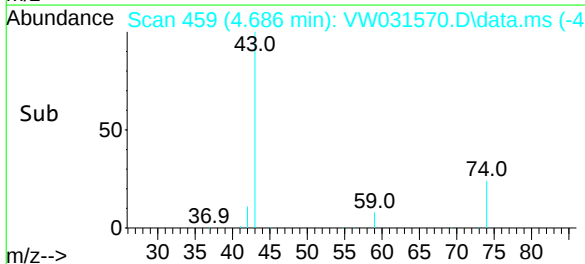
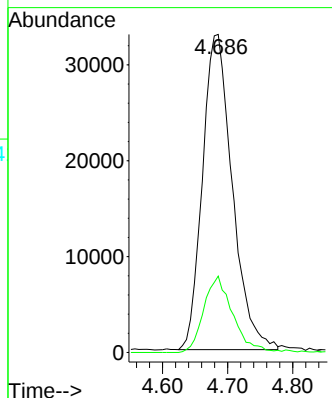
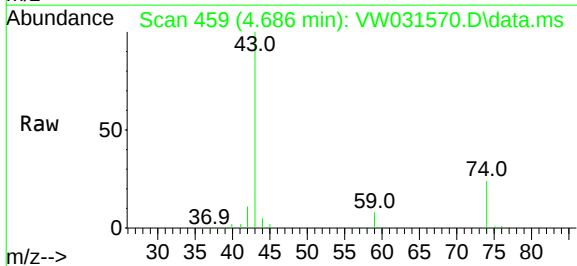
YE8F7MSD

Tgt Ion: 43 Resp: 104611

Ion Ratio Lower Upper

43 100

74 23.4 10.6 15.8#



#16

Methylene chloride

Concen: 17.767 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

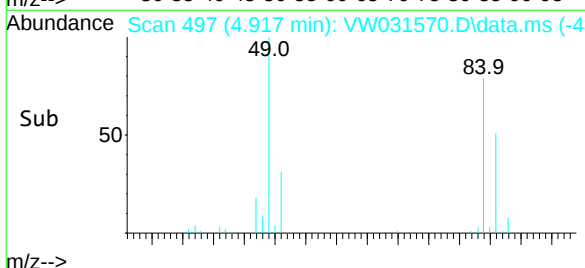
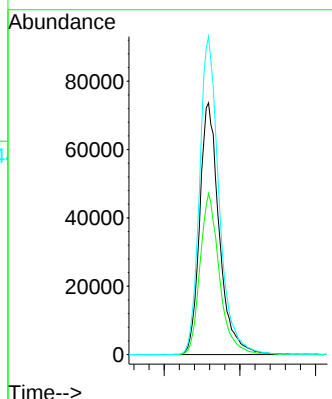
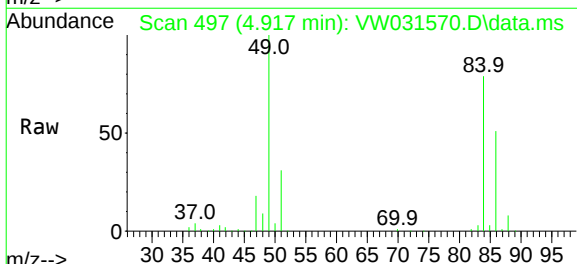
Tgt Ion: 84 Resp: 264209

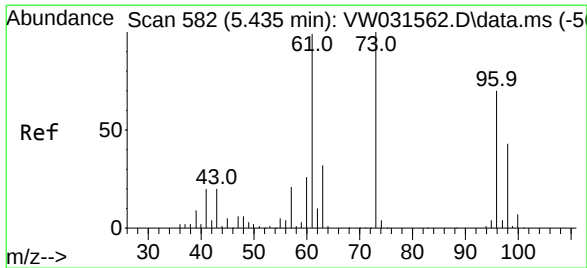
Ion Ratio Lower Upper

84 100

86 64.1 47.0 87.2

49 126.3 89.8 166.8

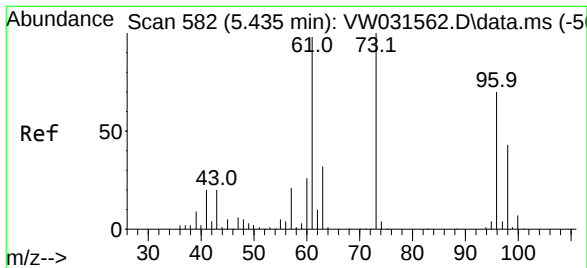
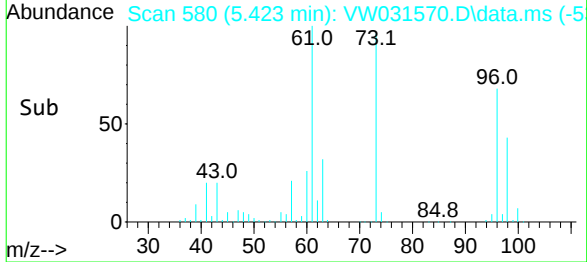
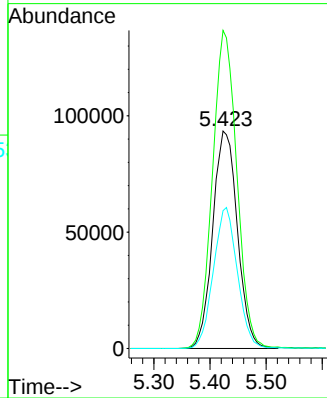
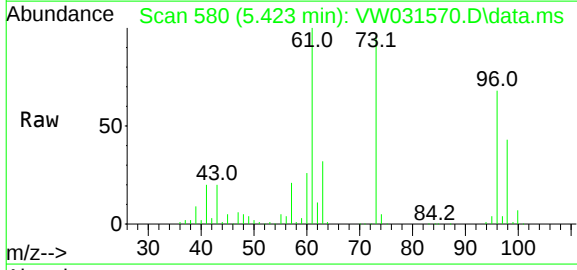




#17
trans-1,2-Dichloroethene
Concen: 18.299 ug/L
RT: 5.423 min Scan# 582
Delta R.T. -0.012 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

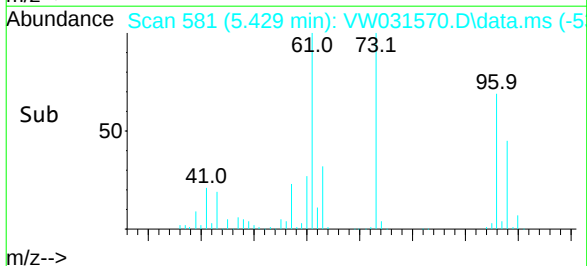
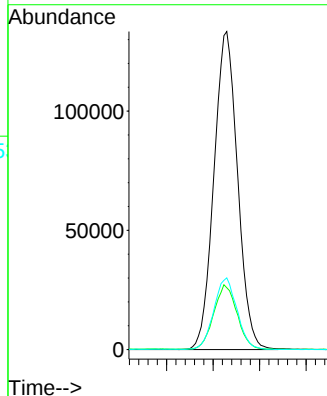
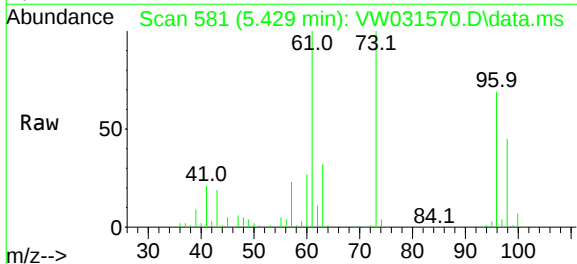
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

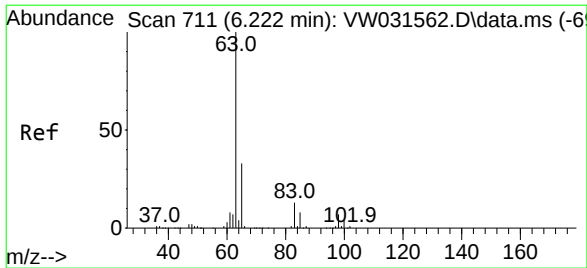
Tgt Ion: 96 Resp: 285566
Ion Ratio Lower Upper
96 100
61 146.3 105.1 195.1
98 63.4 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 18.817 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 73 Resp: 470885
Ion Ratio Lower Upper
73 100
43 20.0 16.4 24.6
57 22.1 18.2 27.2





#19

1,1-Dichloroethane

Concen: 18.141 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

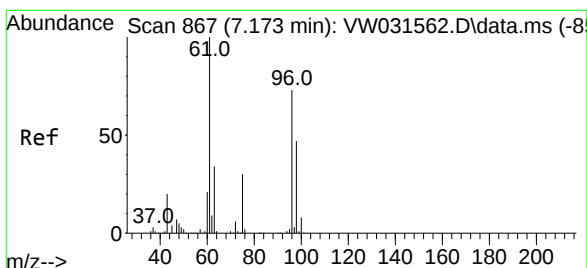
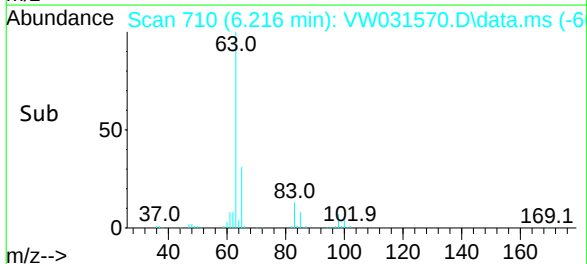
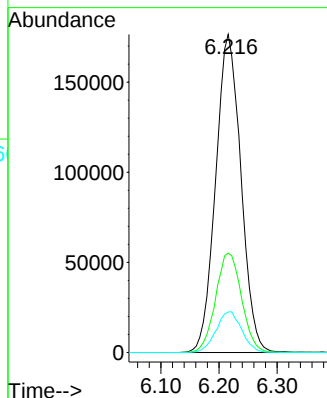
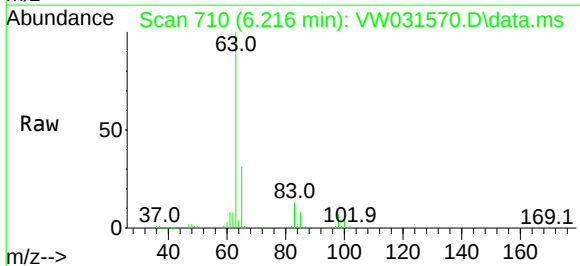
Tgt Ion: 63 Resp: 532629

Ion Ratio Lower Upper

63 100

65 31.3 22.0 41.0

83 12.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 18.589 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

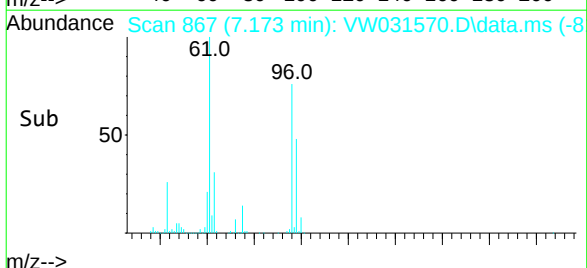
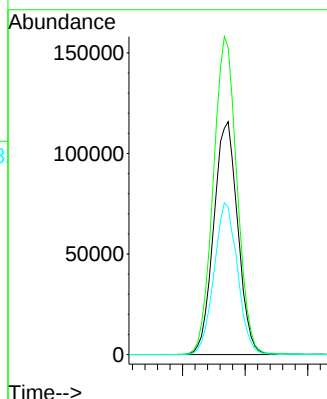
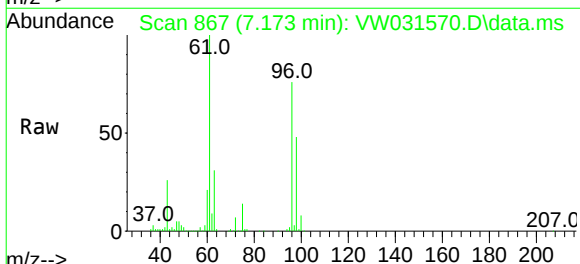
Tgt Ion: 96 Resp: 309734

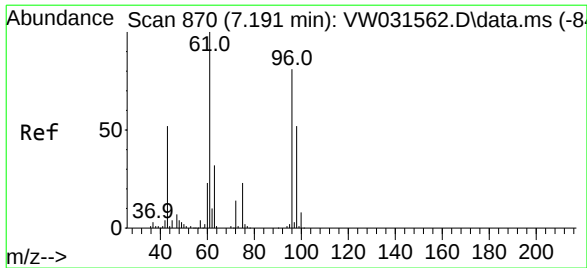
Ion Ratio Lower Upper

96 100

61 131.8 94.8 176.2

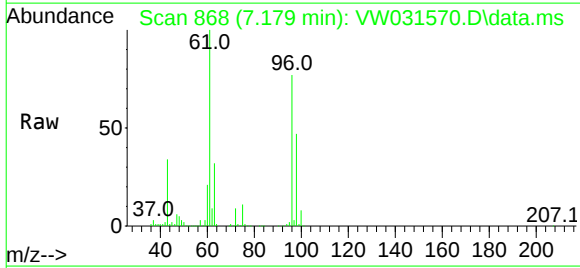
98 63.4 45.6 84.8



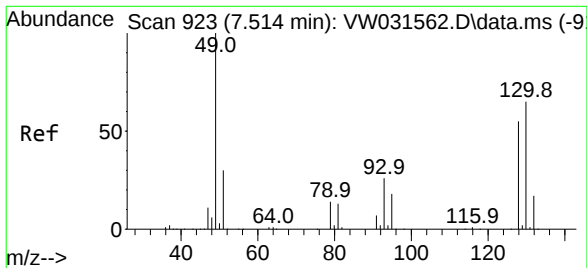
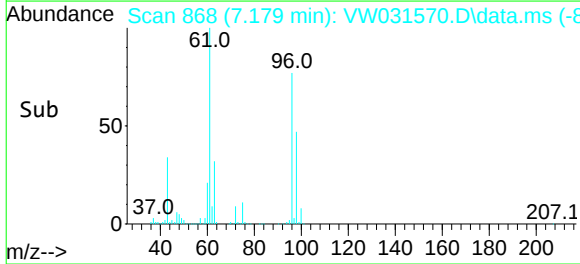
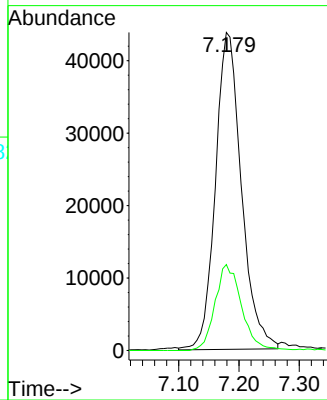


#22
2-Butanone
Concen: 36.175 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

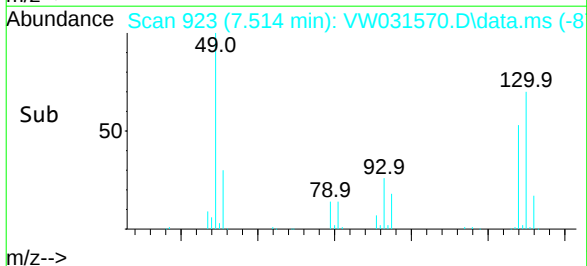
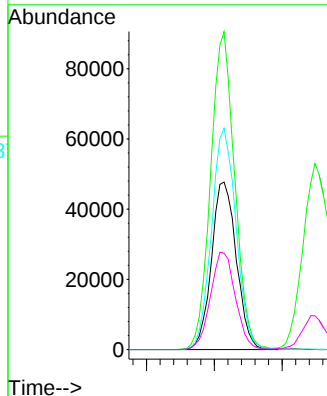
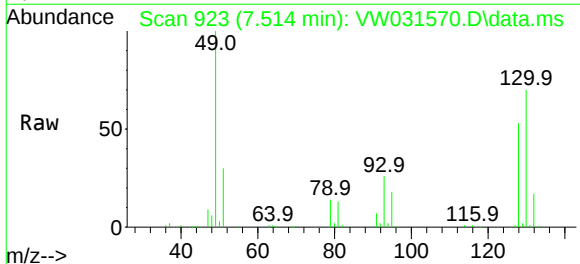


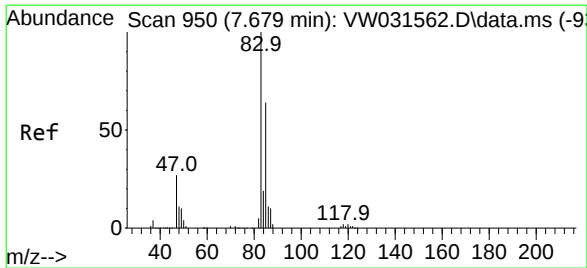
Tgt Ion: 43 Resp: 130967
Ion Ratio Lower Upper
43 100
72 27.7 13.2 39.5



#23
Bromochloromethane
Concen: 18.643 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 128 Resp: 121653
Ion Ratio Lower Upper
128 100
49 189.8 123.9 230.1
130 132.1 88.1 163.7
51 57.6 42.5 63.7





#25

Chloroform

Concen: 18.567 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

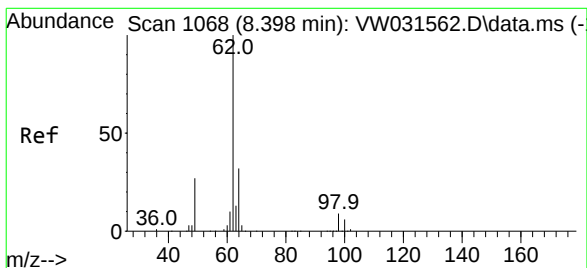
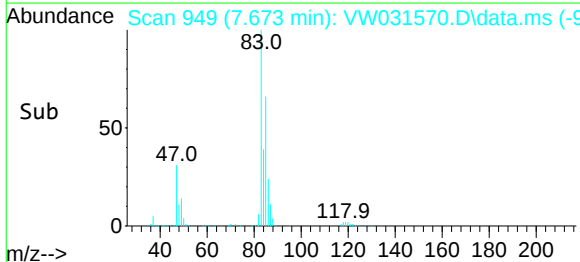
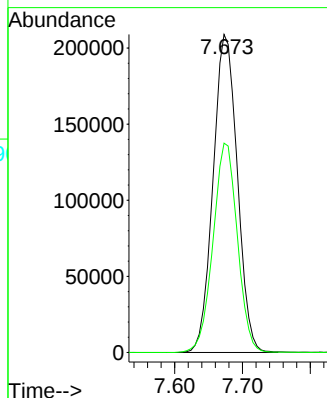
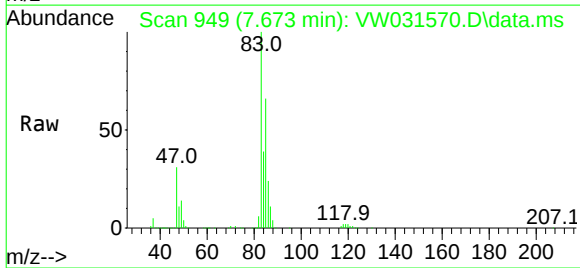
YE8F7MSD

Tgt Ion: 83 Resp: 518525

Ion Ratio Lower Upper

83 100

85 65.8 46.2 85.8



#27

1,2-Dichloroethane

Concen: 18.815 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031570.D

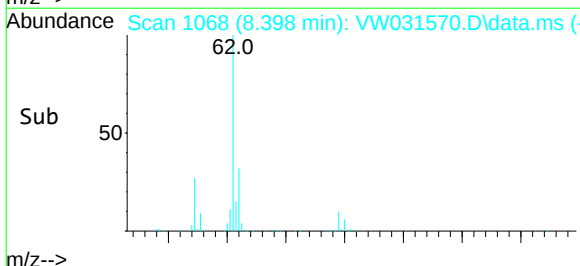
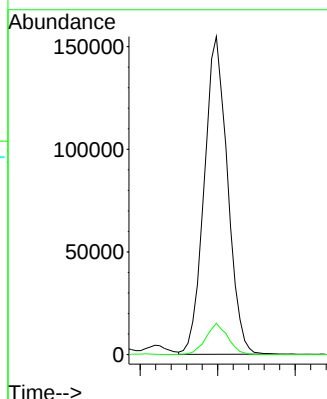
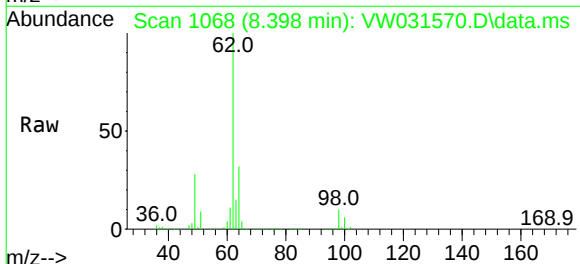
Acq: 17 Jan 2025 13:03

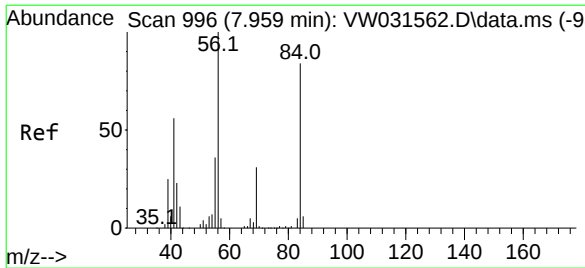
Tgt Ion: 62 Resp: 323633

Ion Ratio Lower Upper

62 100

98 9.8 7.3 10.9





#29

Cyclohexane

Concen: 17.769 ug/L

RT: 7.953 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

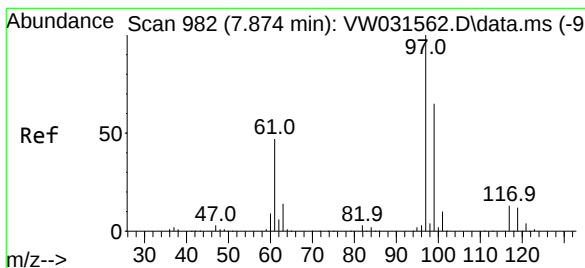
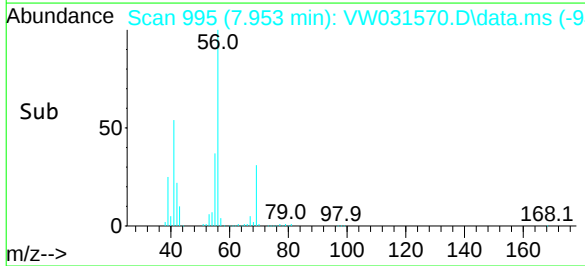
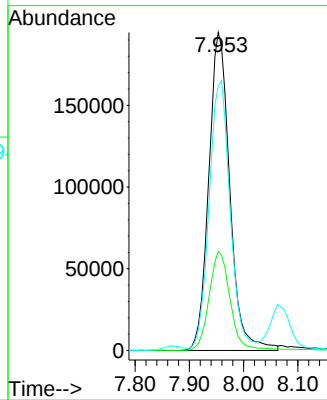
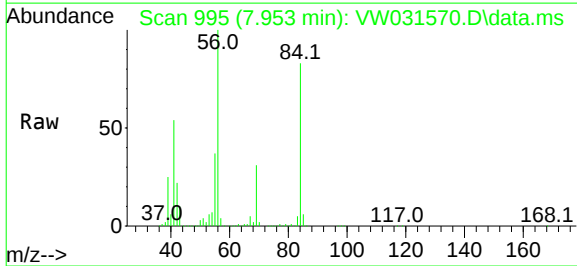
Tgt Ion: 56 Resp: 524180

Ion Ratio Lower Upper

56 100

69 30.5 25.2 37.8

84 84.9 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 18.300 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

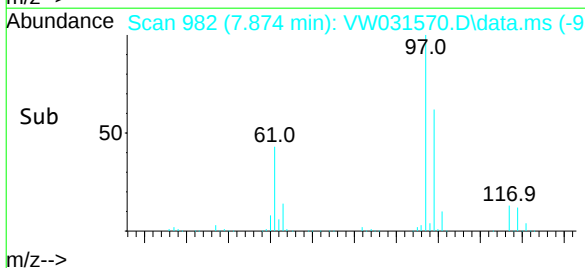
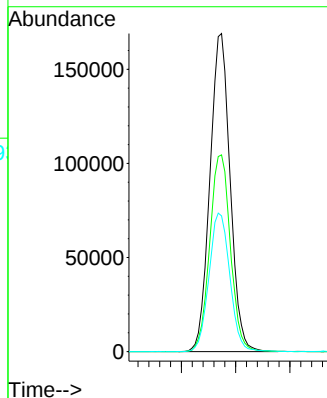
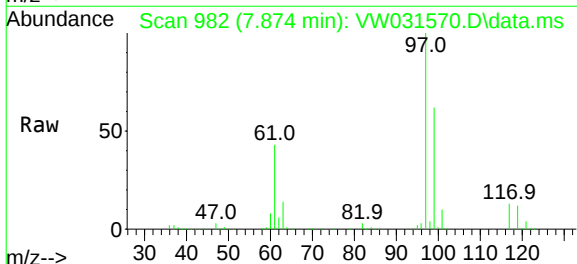
Tgt Ion: 97 Resp: 437240

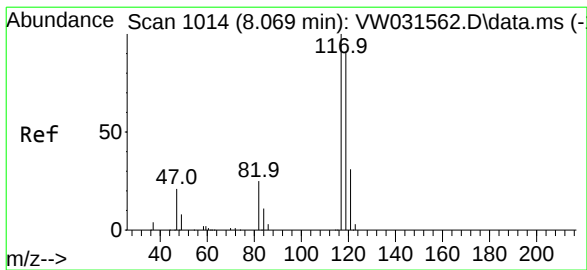
Ion Ratio Lower Upper

97 100

99 63.4 52.2 78.4

61 45.0 36.9 55.3

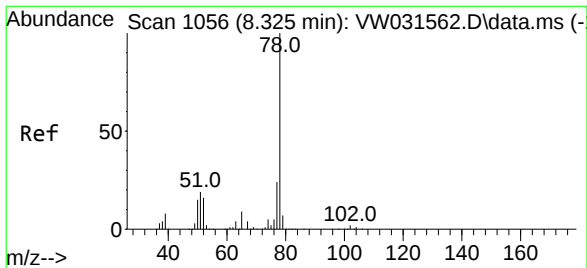
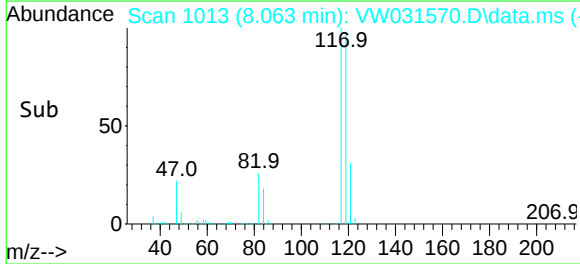
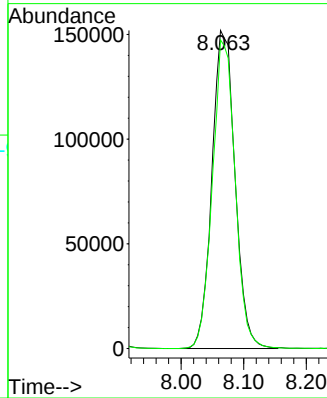
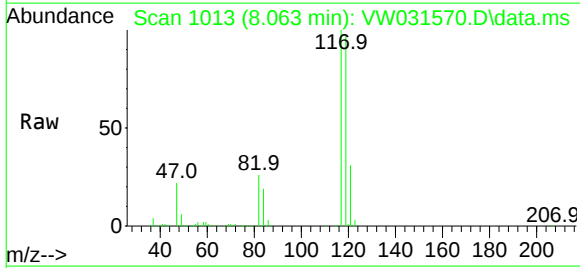




#31
Carbon tetrachloride
Concen: 18.333 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

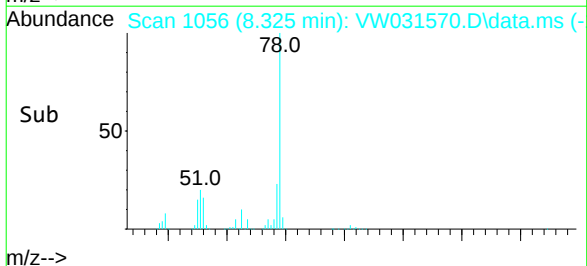
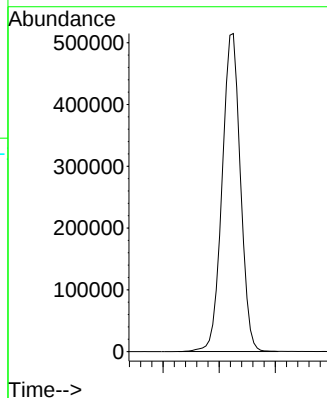
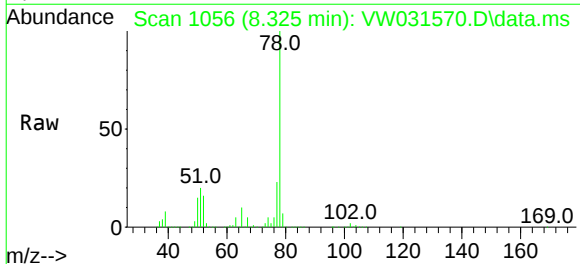
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

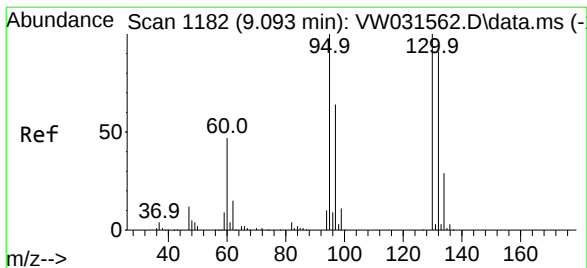
Tgt Ion:117 Resp: 388370
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 18.511 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 78 Resp: 1166033





#34

Trichloroethene

Concen: 18.269 ug/L

RT: 9.087 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031570.D

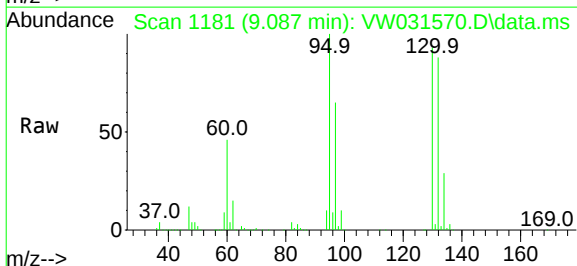
Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD



Tgt Ion: 95 Resp: 309395

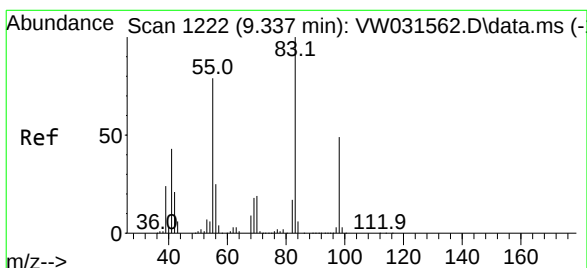
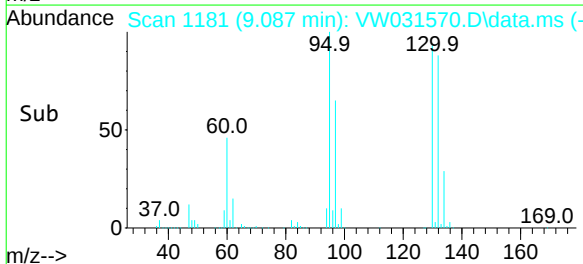
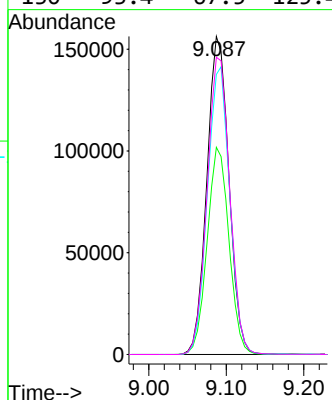
Ion Ratio Lower Upper

95 100

97 65.1 44.0 81.6

132 88.0 64.6 120.0

130 93.4 67.5 125.4



#35

Methylcyclohexane

Concen: 17.043 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

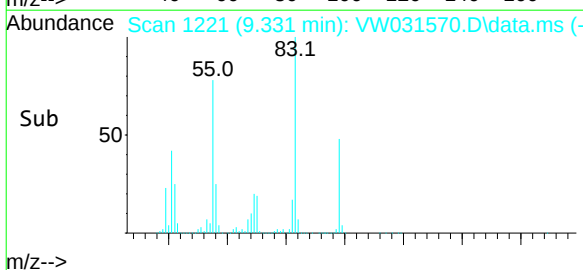
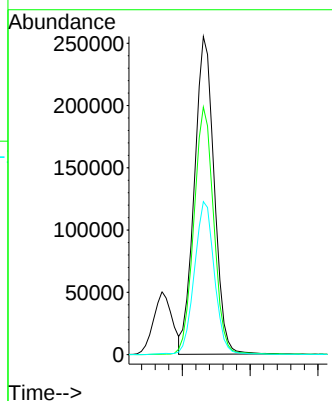
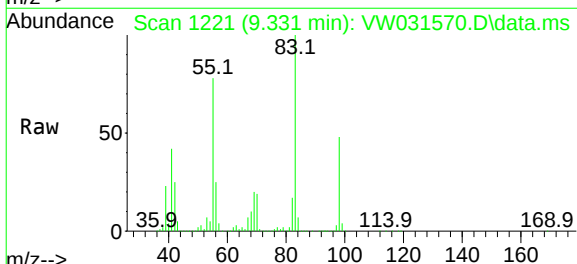
Tgt Ion: 83 Resp: 517478

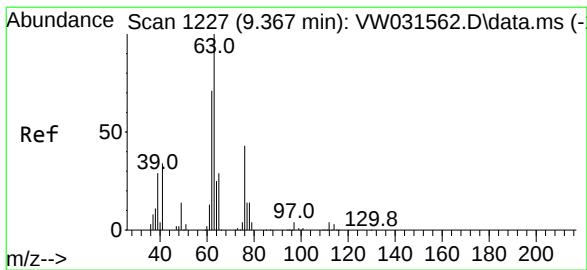
Ion Ratio Lower Upper

83 100

55 78.2 63.4 95.2

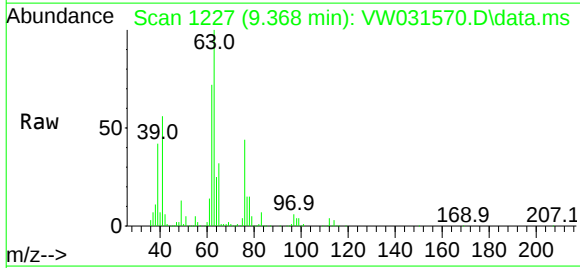
98 48.6 38.8 58.2



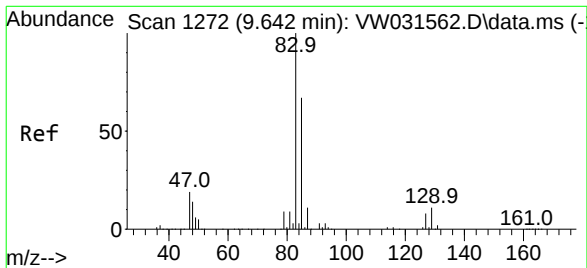
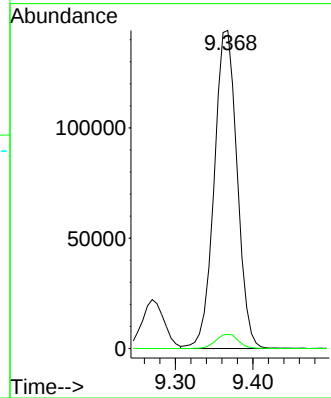
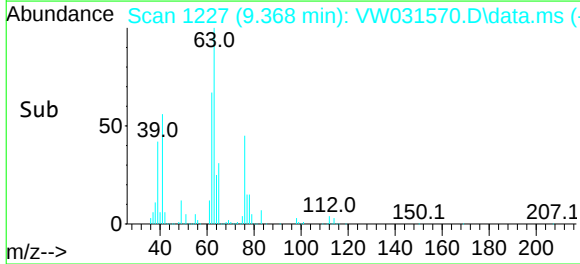


#37
1,2-Dichloropropane
Concen: 18.718 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

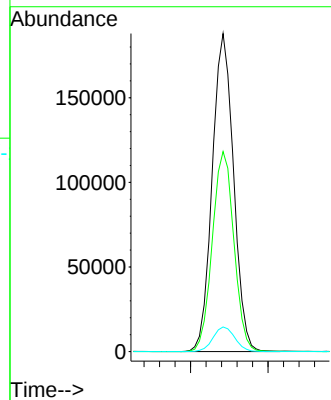
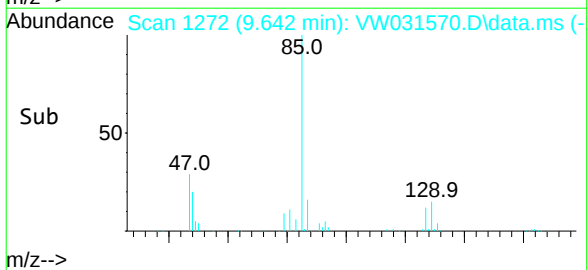
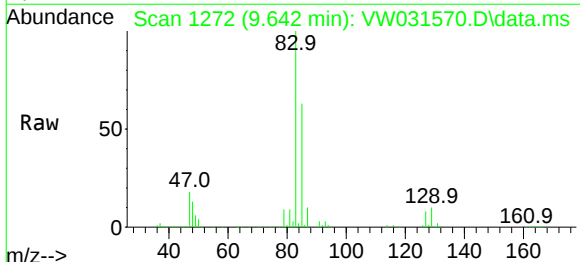


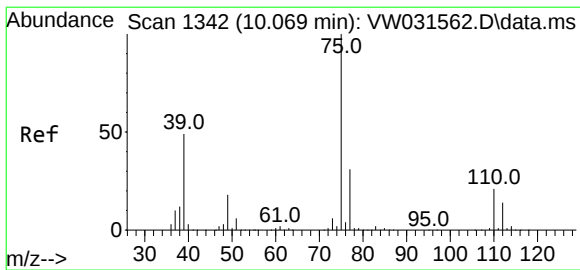
Tgt Ion: 63 Resp: 296355
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 18.763 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 83 Resp: 359342
Ion Ratio Lower Upper
83 100
85 62.9 43.8 81.3
127 7.7 6.2 9.4

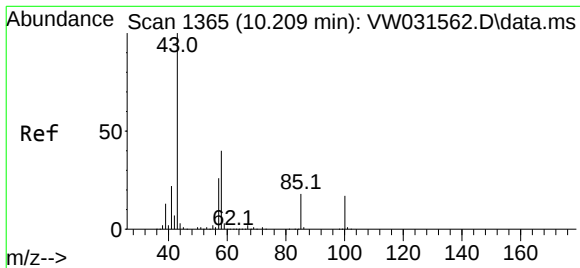
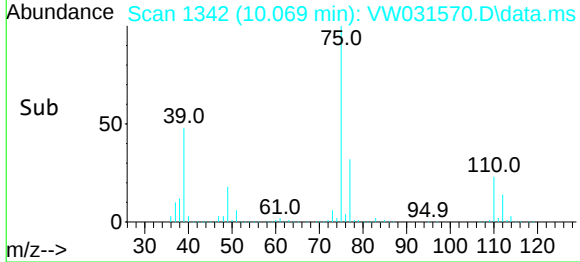
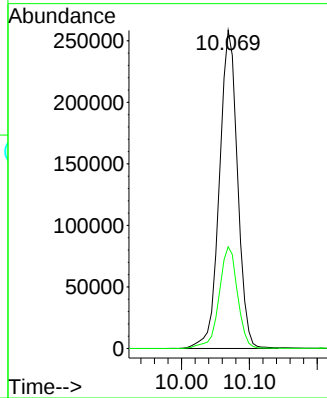
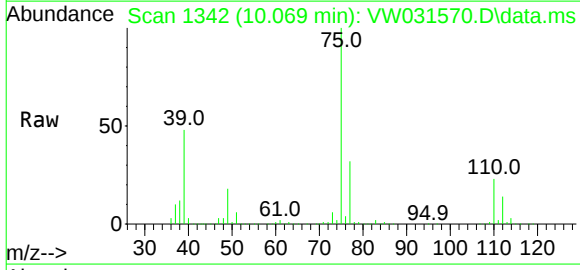




#39
cis-1,3-Dichloropropene
Concen: 19.304 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

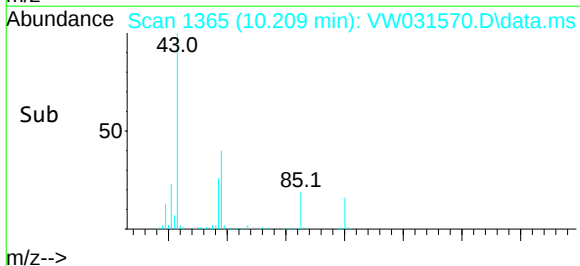
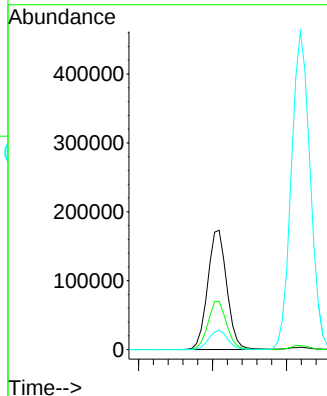
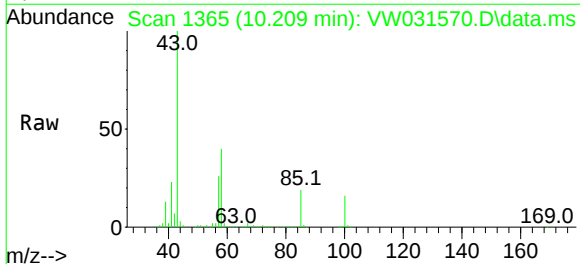
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

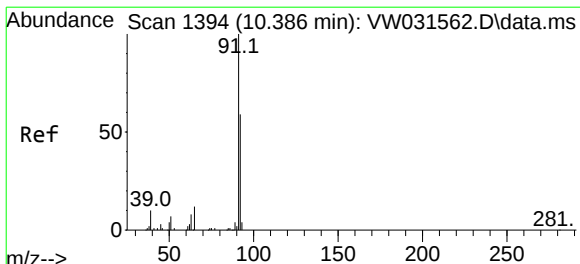
Tgt Ion: 75 Resp: 480781
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 39.402 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 43 Resp: 311379
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.2
100 16.0 12.3 18.5



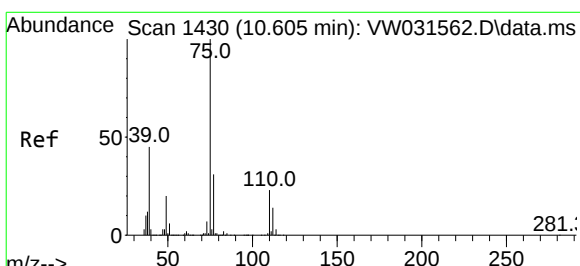
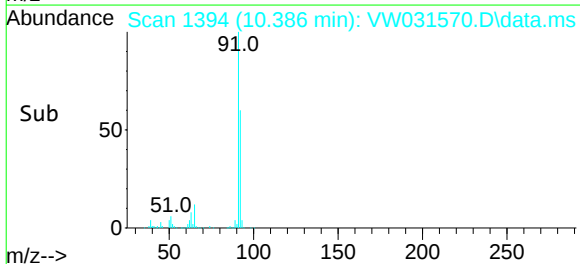
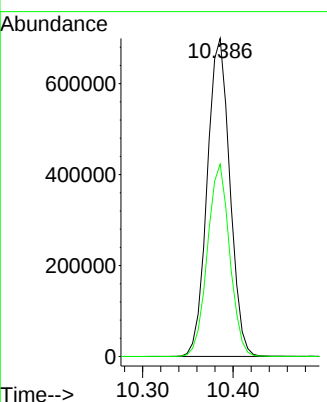
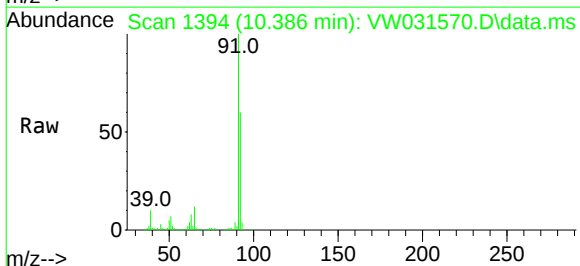


#42
Toluene
Concen: 18.468 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

Tgt Ion: 91 Resp: 1216093

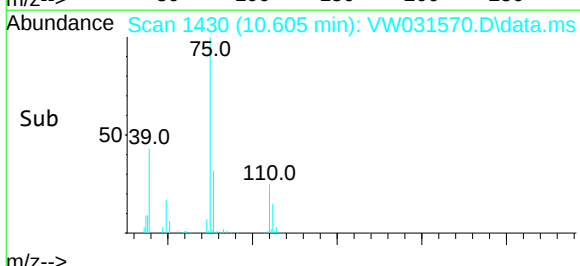
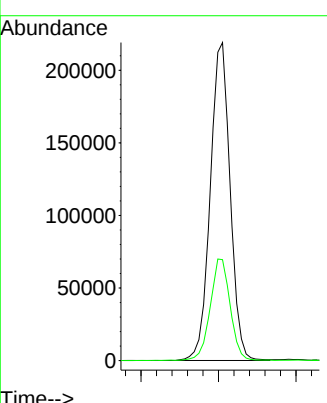
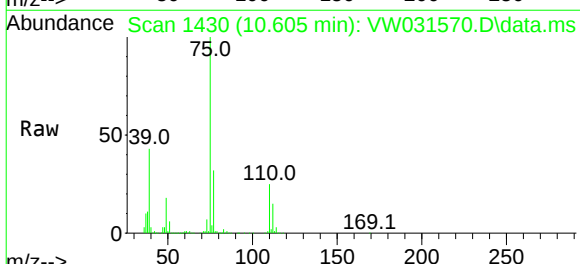
Ion	Ratio	Lower	Upper
91	100		
92	60.5	40.6	75.4

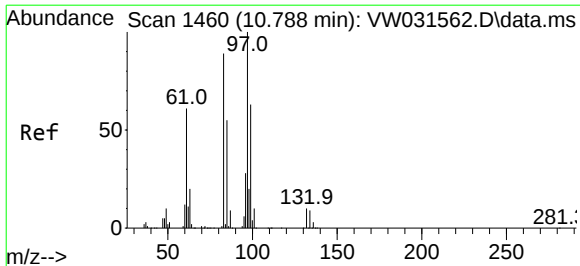


#44
trans-1,3-Dichloropropene
Concen: 19.583 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 75 Resp: 389855

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.5	41.9





#45

1,1,2-Trichloroethane

Concen: 19.123 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

Tgt Ion: 97 Resp: 194065

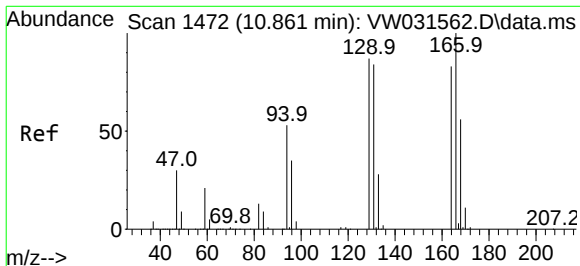
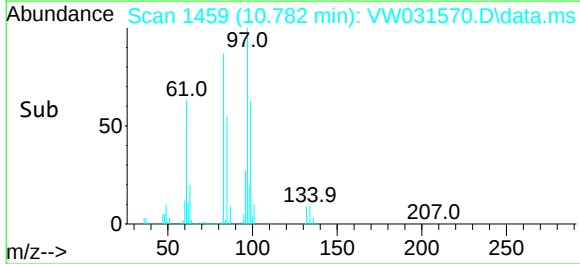
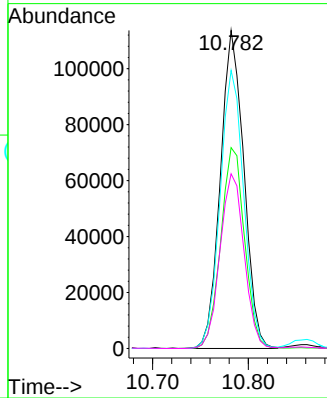
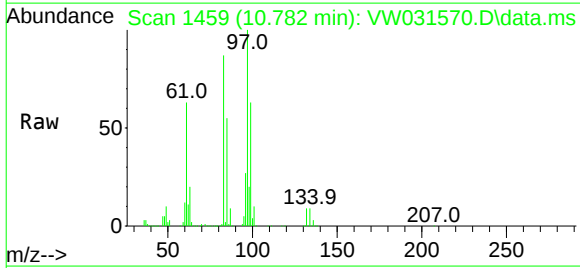
Ion Ratio Lower Upper

97 100

99 63.2 42.6 79.2

83 87.4 59.6 110.8

85 54.9 37.3 69.3



#46

Tetrachloroethene

Concen: 17.454 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Tgt Ion: 164 Resp: 212119

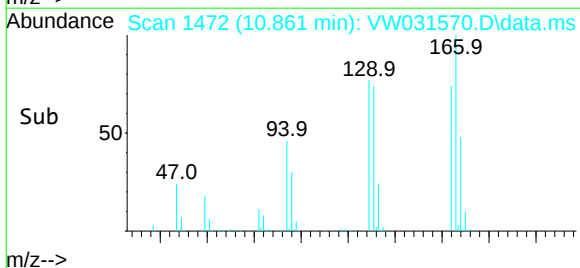
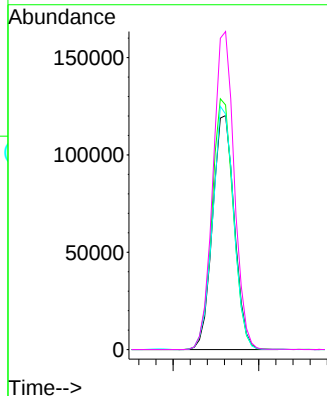
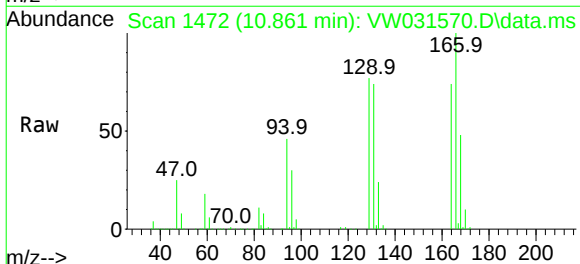
Ion Ratio Lower Upper

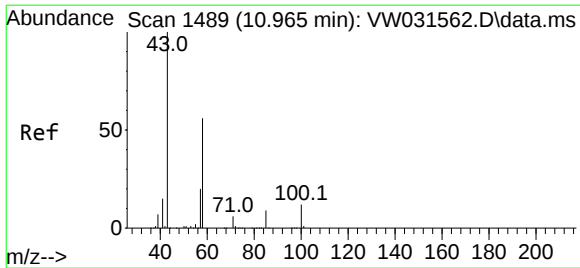
164 100

129 104.5 69.8 129.6

131 100.6 63.1 117.1

166 135.9 81.7 151.7





#48

2-Hexanone

Concen: 42.373 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

Tgt Ion: 43 Resp: 204631

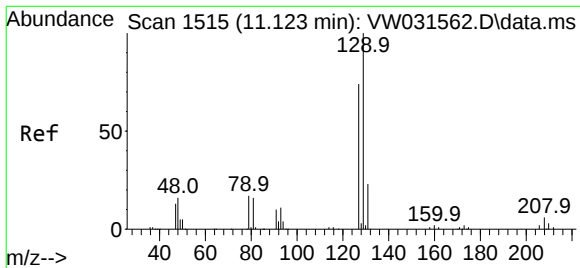
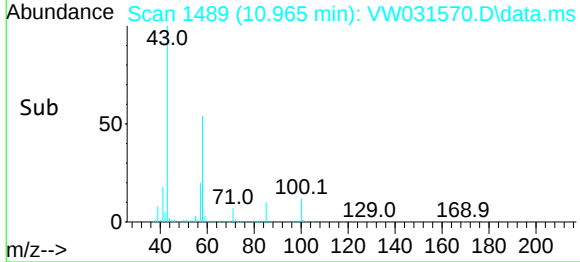
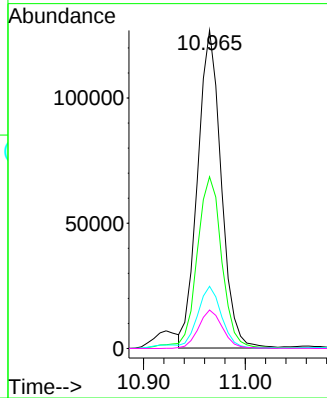
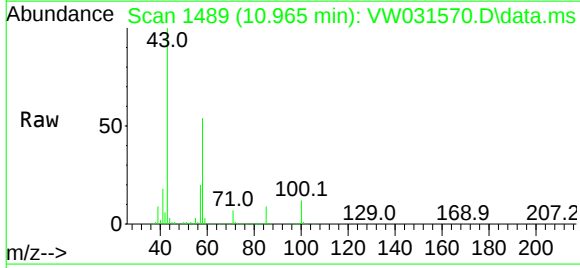
Ion Ratio Lower Upper

43 100

58 55.4 44.8 67.2

57 19.8 15.6 23.4

100 12.5 9.3 13.9



#49

Dibromochloromethane

Concen: 19.736 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031570.D

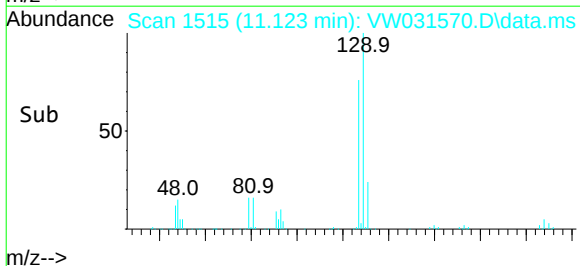
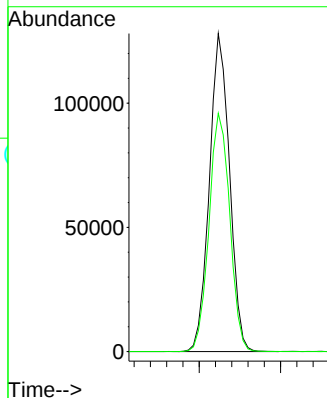
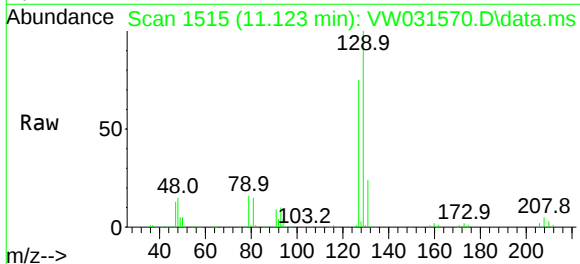
Acq: 17 Jan 2025 13:03

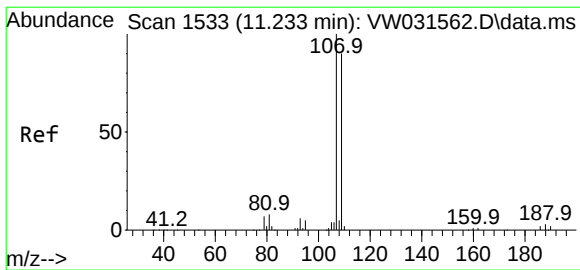
Tgt Ion: 129 Resp: 220366

Ion Ratio Lower Upper

129 100

127 74.9 53.0 98.4

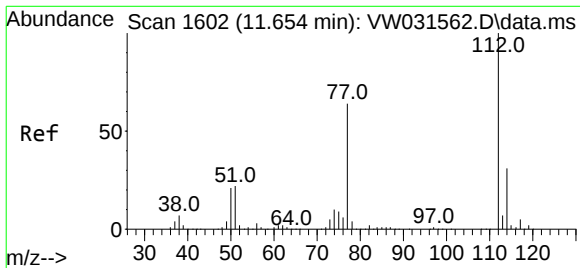
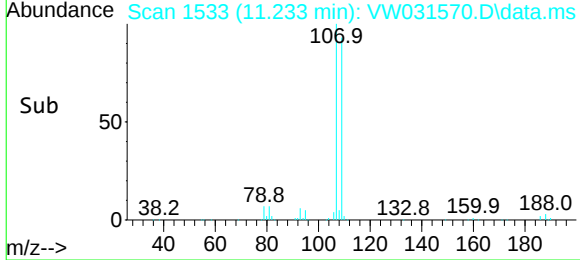
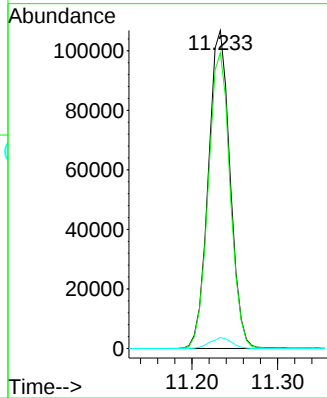
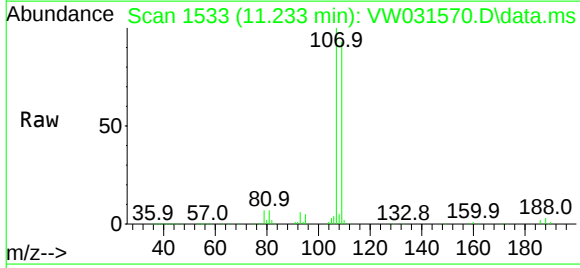




#50
1,2-Dibromoethane
Concen: 19.995 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

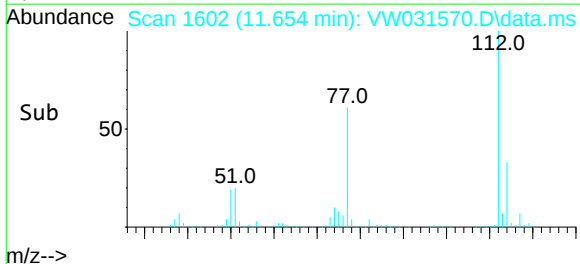
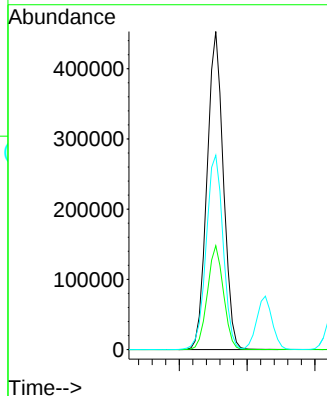
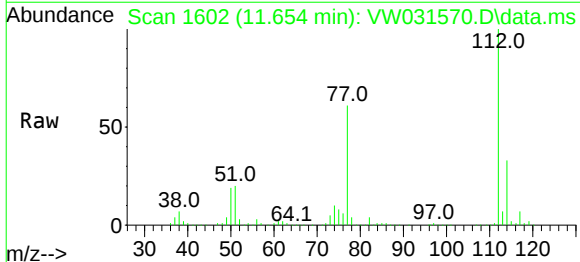
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

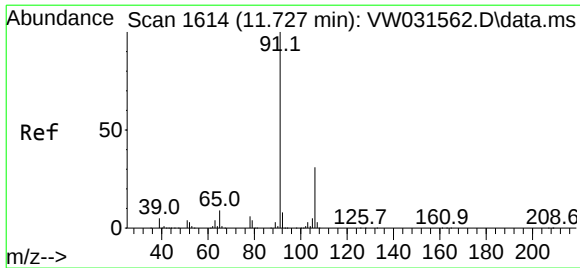
Tgt Ion:	107	Resp:	188062
Ion	Ratio	Lower	Upper
107	100		
109	92.9	63.8	118.4
188	3.5	2.6	3.8



#51
Chlorobenzene
Concen: 18.635 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion:	112	Resp:	757699
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	40.8
77	61.1	49.0	73.4

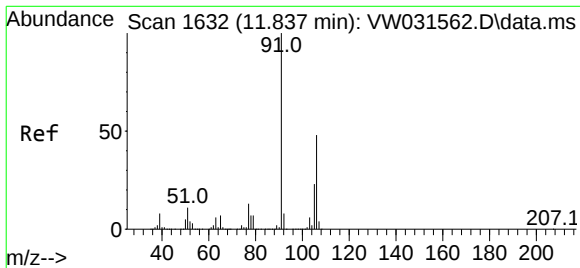
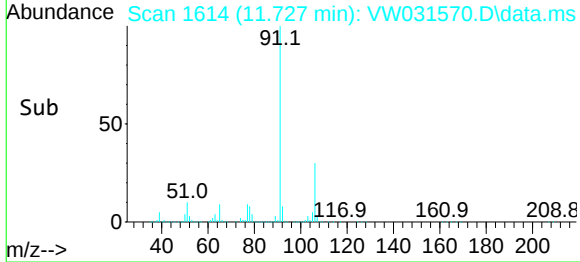
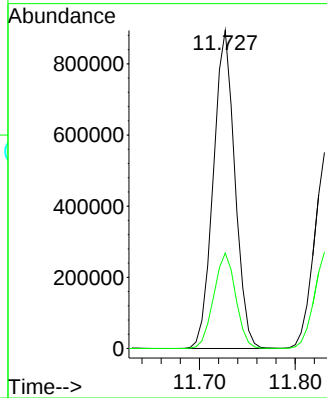
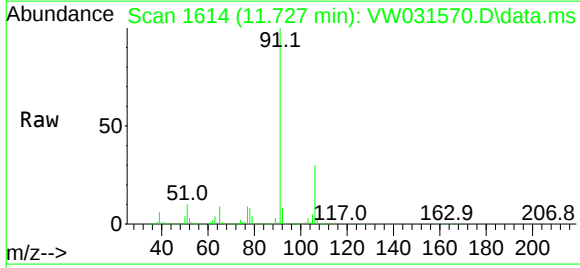




#52
Ethylbenzene
Concen: 18.498 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

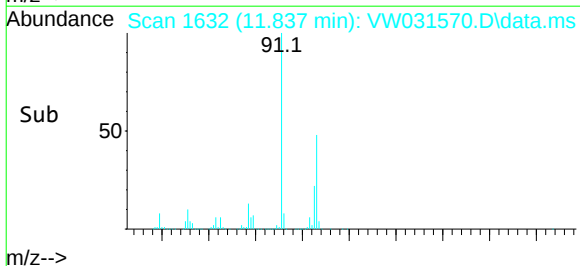
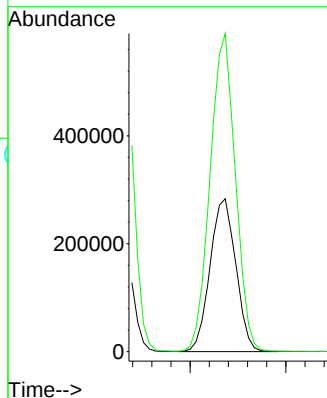
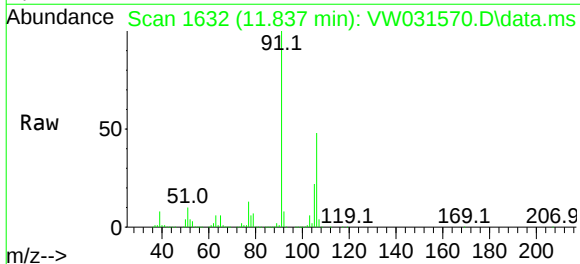
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

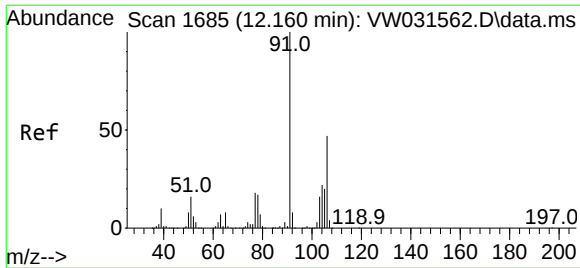
Tgt Ion: 91 Resp: 1397558
Ion Ratio Lower Upper
91 100
106 30.0 22.3 41.3



#53
m,p-Xylene
Concen: 18.411 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

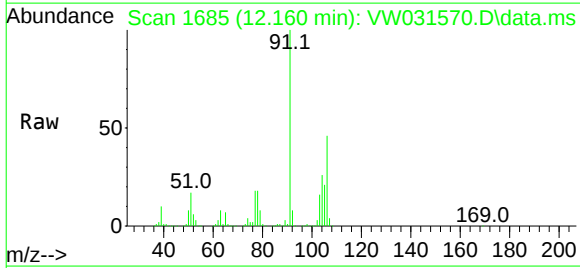
Tgt Ion: 106 Resp: 530386
Ion Ratio Lower Upper
106 100
91 208.0 145.9 270.9



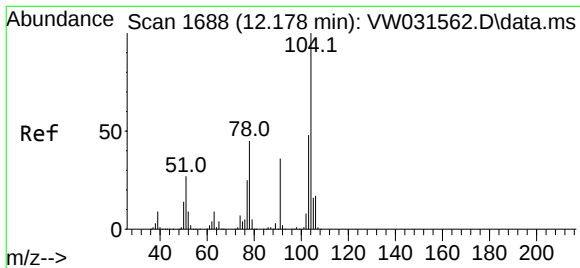
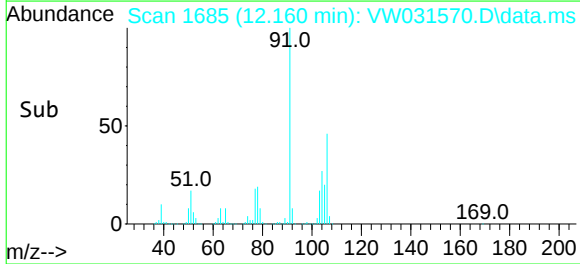
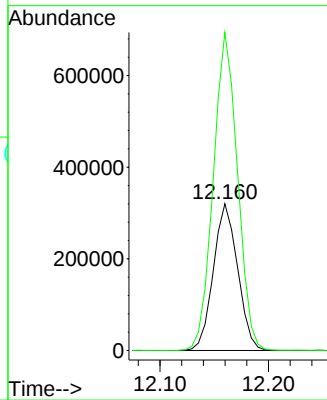


#54
o-Xylene
Concen: 18.579 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

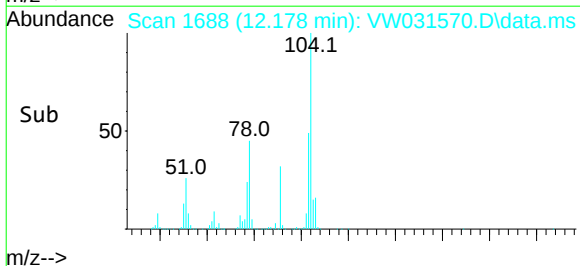
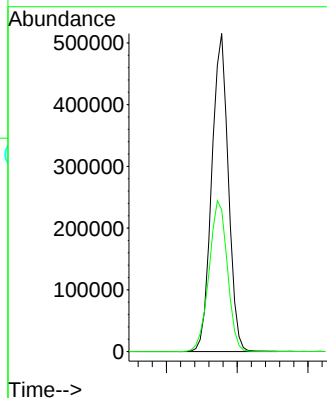
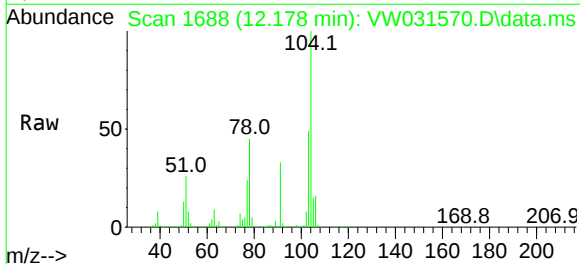


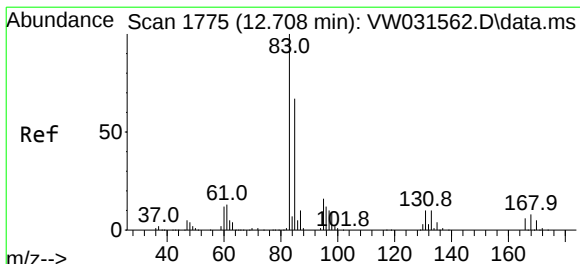
Tgt Ion:106 Resp: 497406
Ion Ratio Lower Upper
106 100
91 216.7 152.9 284.1



#55
Styrene
Concen: 18.824 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion:104 Resp: 838550
Ion Ratio Lower Upper
104 100
78 44.6 32.0 59.4

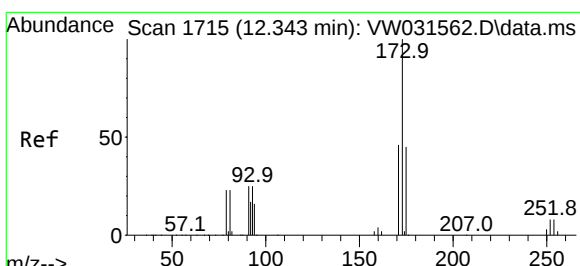
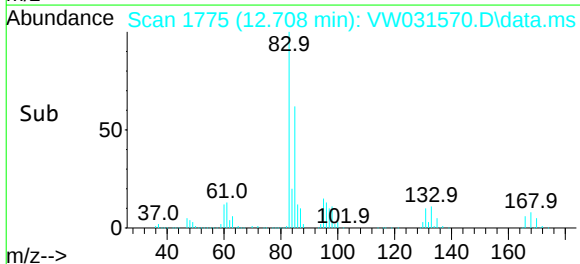
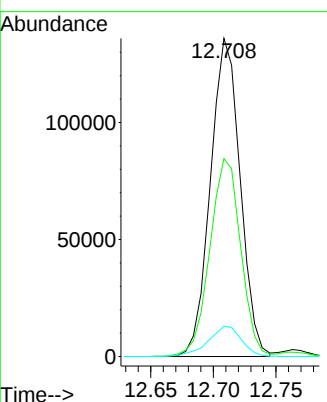
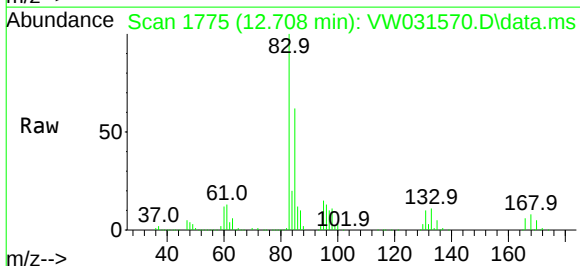




#57
 1,1,2,2-Tetrachloroethane
 Concen: 20.150 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

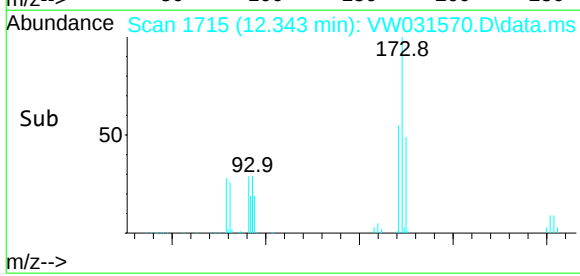
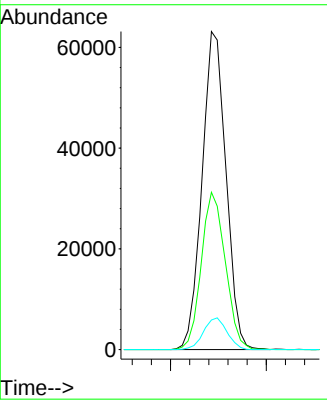
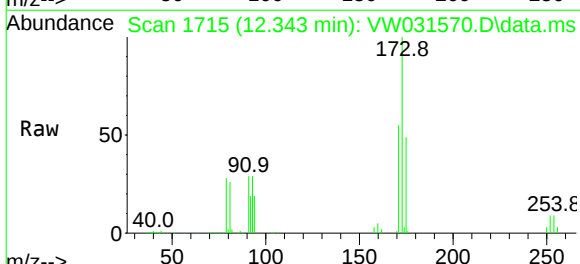
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

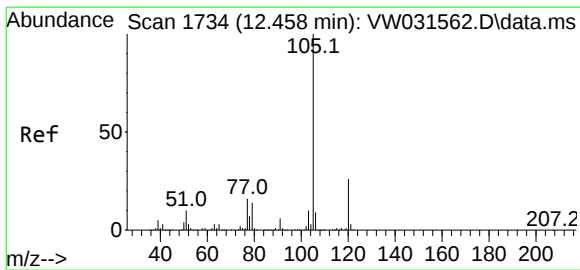
Tgt Ion:	83	Resp:	224693
Ion Ratio	Lower	Upper	
83	100		
85	62.2	44.1	81.9
131	9.6	7.4	11.0



#59
 Bromoform
 Concen: 19.664 ug/L
 RT: 12.343 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion:	173	Resp:	109893
Ion Ratio	Lower	Upper	
173	100		
175	49.6	37.7	56.5
254	9.8	7.1	10.7



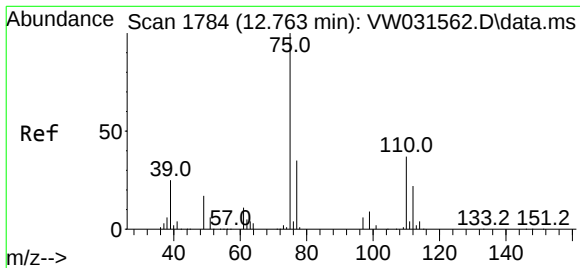
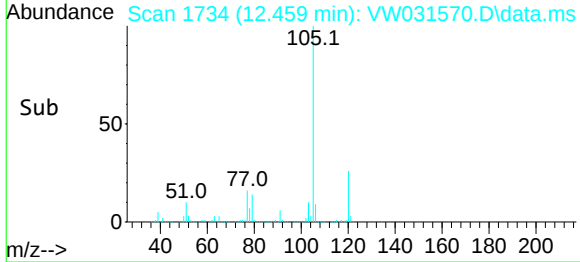
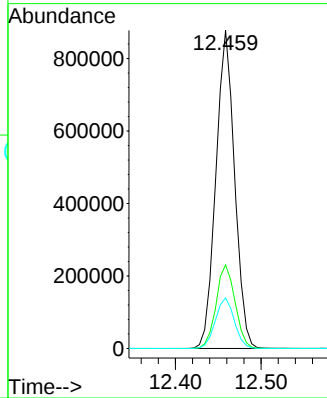
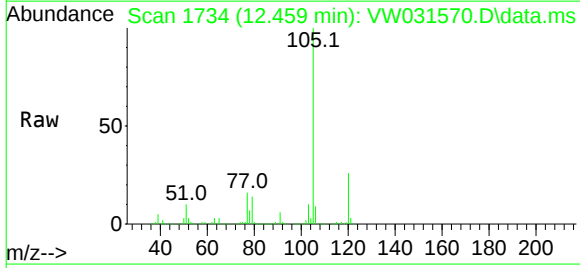


#60
Isopropylbenzene
Concen: 18.174 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

Tgt Ion: 105 Resp: 1331556

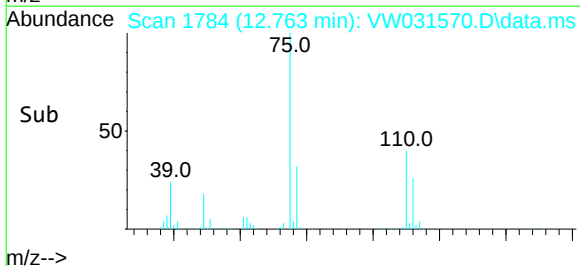
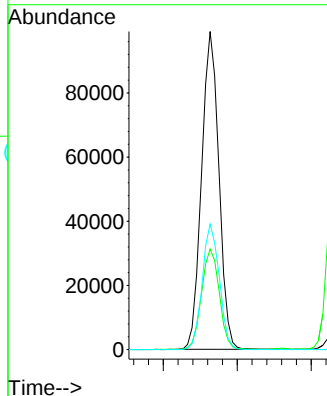
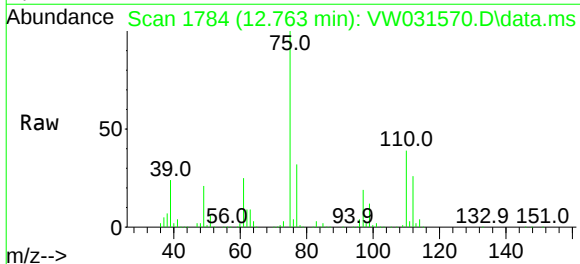
Ion	Ratio	Lower	Upper
105	100		
120	26.6	20.1	30.1
77	16.1	12.7	19.1

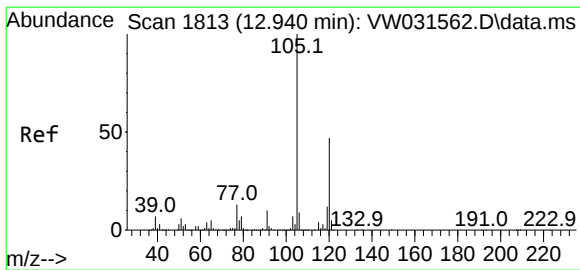


#61
1,2,3-Trichloropropane
Concen: 20.451 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion: 75 Resp: 161077

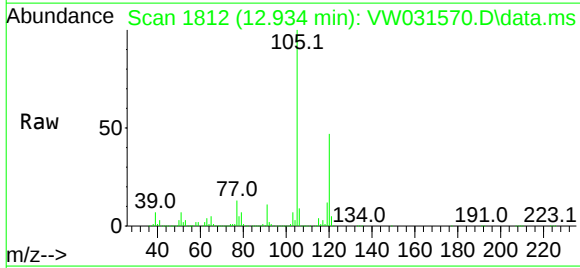
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.2
110	38.8	29.6	44.4



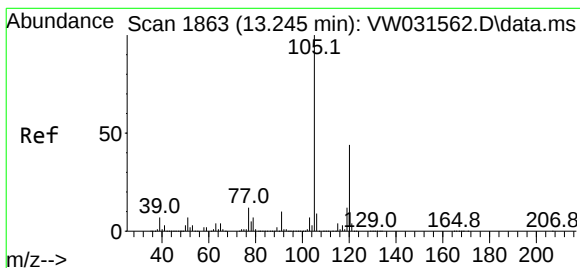
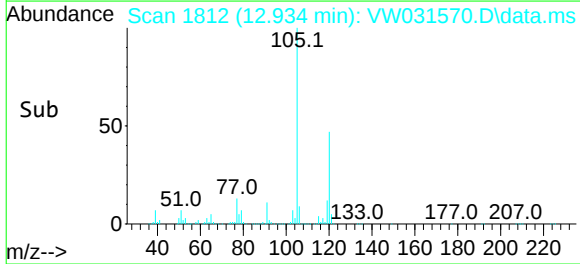
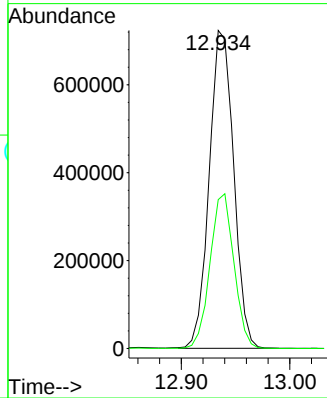


#62
 1,3,5-Trimethylbenzene
 Concen: 18.756 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

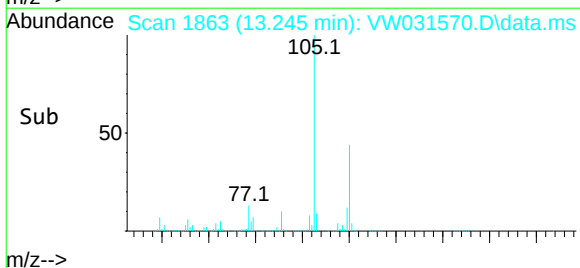
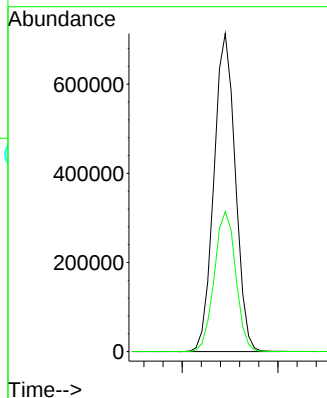
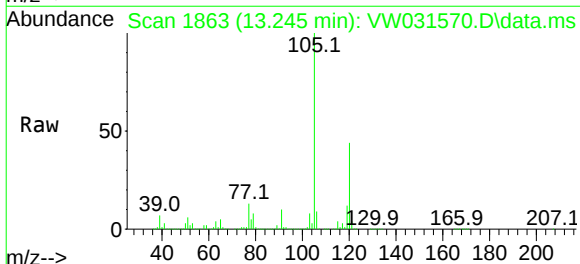


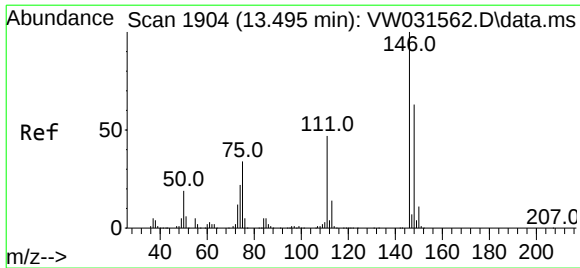
Tgt Ion:105 Resp: 1131530
 Ion Ratio Lower Upper
 105 100
 120 47.7 37.6 56.4



#63
 1,2,4-Trimethylbenzene
 Concen: 18.886 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion:105 Resp: 1108968
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.3 54.5

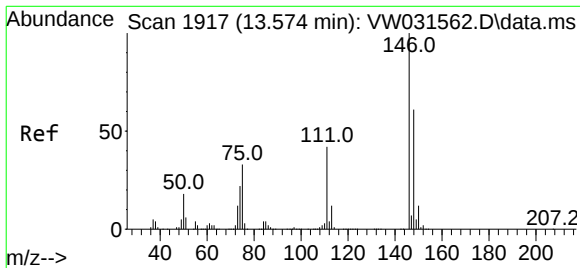
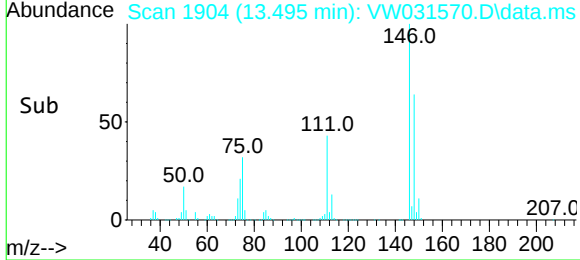
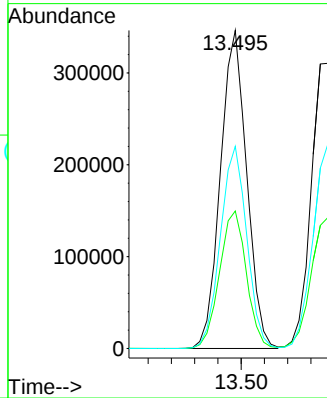
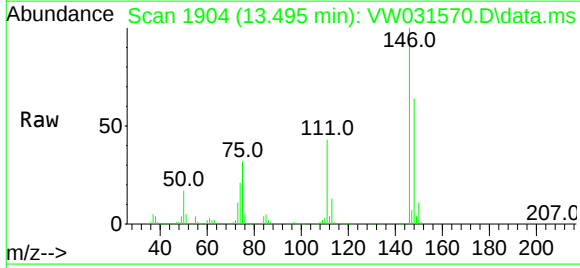




#64
 1,3-Dichlorobenzene
 Concen: 18.711 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

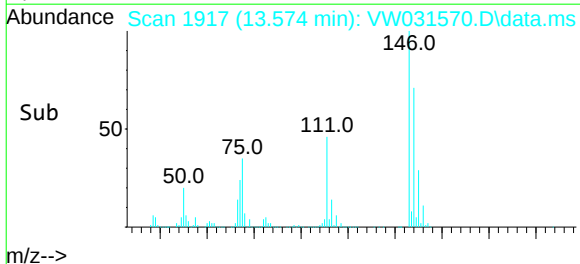
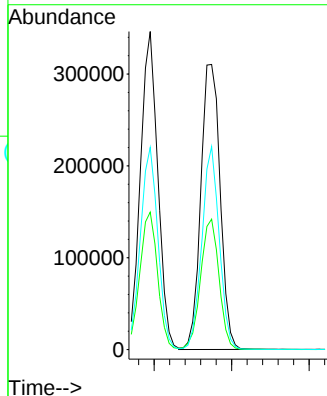
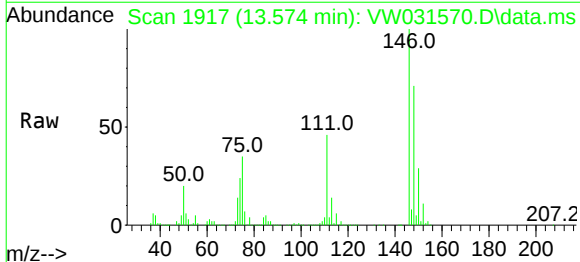
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

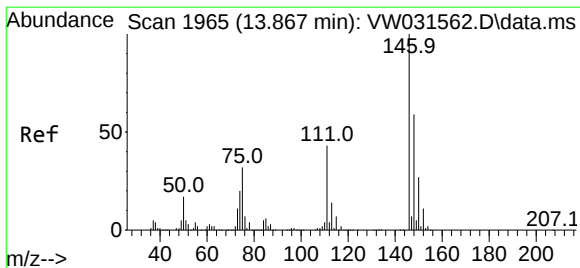
Tgt Ion:	146	Resp:	543724
Ion	Ratio	Lower	Upper
146	100		
111	43.2	30.4	56.5
148	63.6	42.1	78.1



#65
 1,4-Dichlorobenzene
 Concen: 18.738 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion:	146	Resp:	538540
Ion	Ratio	Lower	Upper
146	100		
111	45.8	28.5	52.9
148	71.2	45.4	84.4





#67

1,2-Dichlorobenzene

Concen: 19.539 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MSD

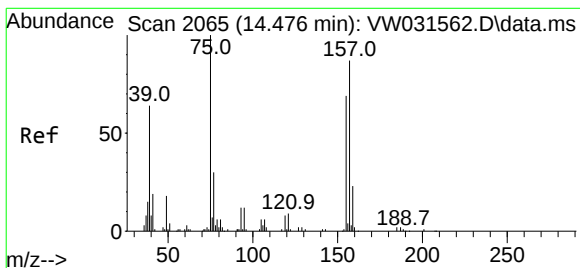
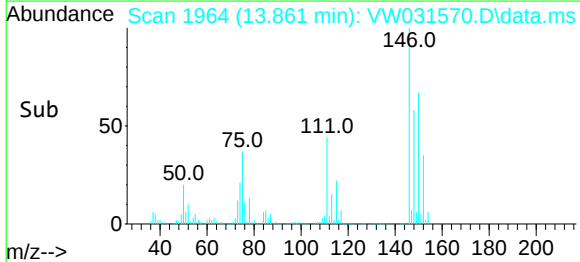
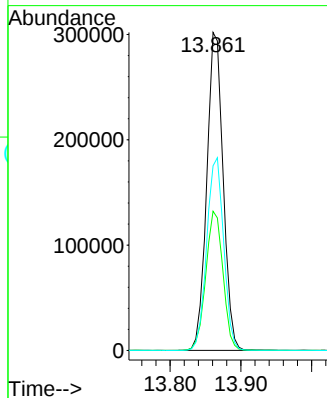
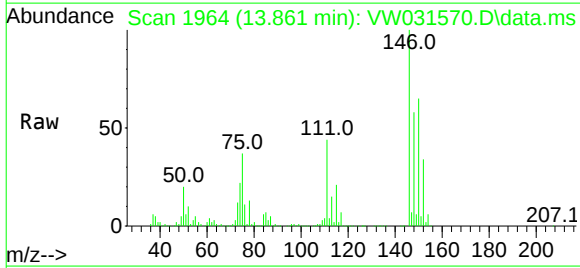
Tgt Ion:146 Resp: 484881

Ion Ratio Lower Upper

146 100

111 43.8 36.6 55.0

148 58.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.153 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031570.D

Acq: 17 Jan 2025 13:03

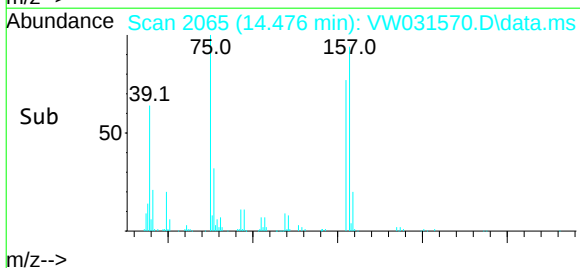
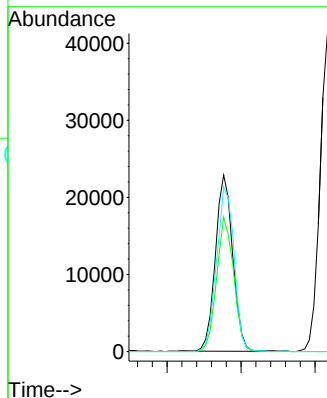
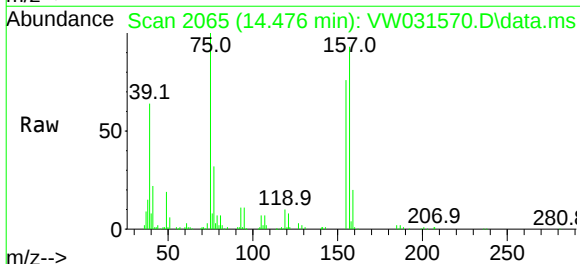
Tgt Ion: 75 Resp: 37247

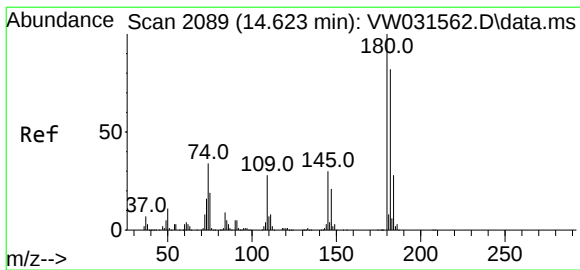
Ion Ratio Lower Upper

75 100

155 76.2 51.0 76.4

157 93.3 70.2 105.2

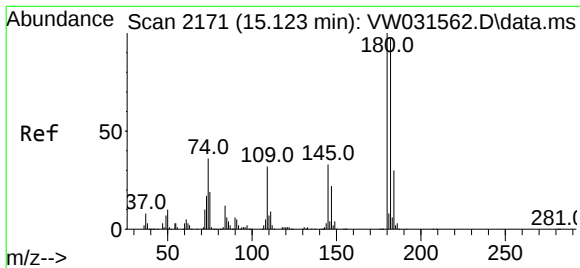
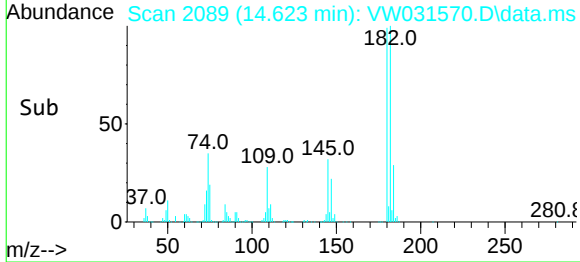
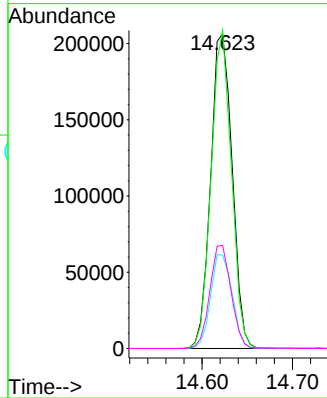
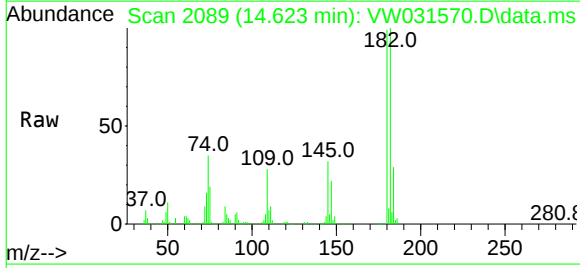




#69
 1,3,5-Trichlorobenzene
 Concen: 17.341 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

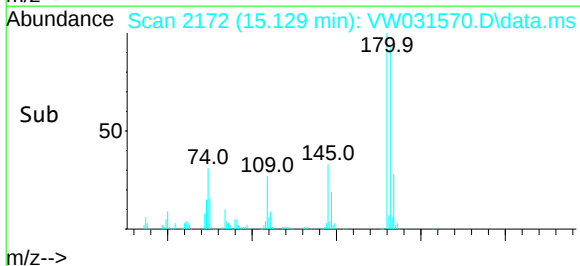
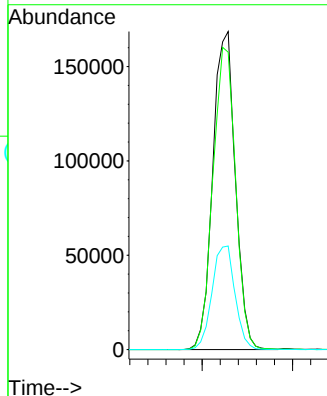
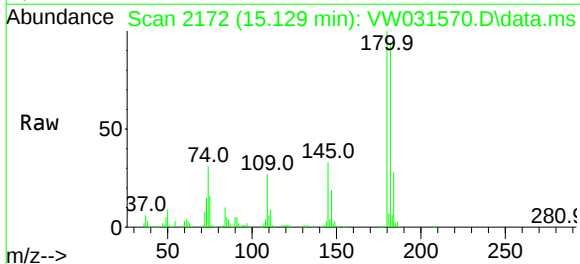
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

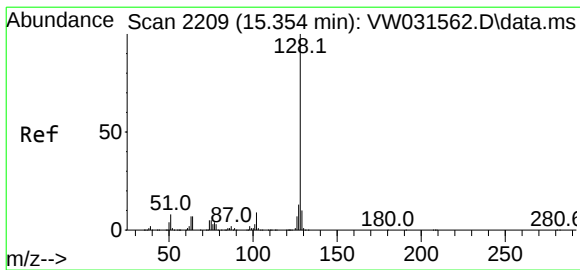
Tgt Ion:	180	Resp:	341486
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.2	111.4
184	30.0	23.0	34.4
145	32.4	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 18.613 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031570.D
 Acq: 17 Jan 2025 13:03

Tgt Ion:	180	Resp:	291952
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.7	116.5
145	33.2	26.6	39.8

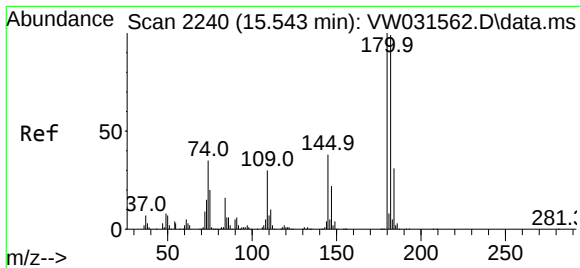
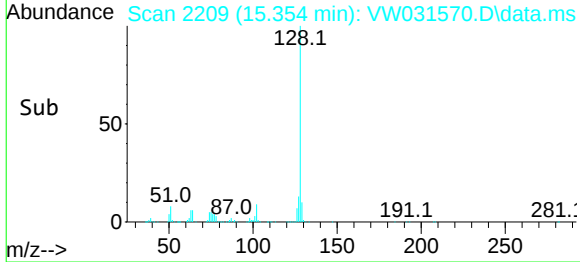
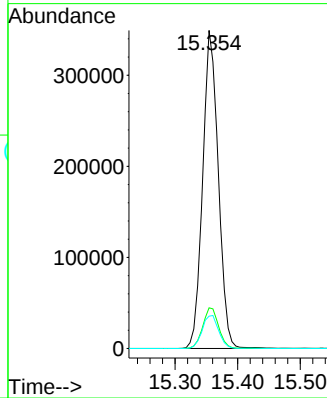
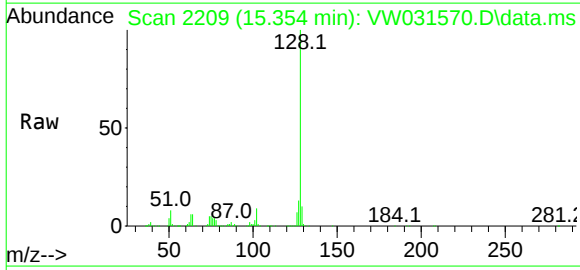




#71
Naphthalene
Concen: 20.606 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MSD

Tgt Ion:	128	Resp:	606071
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 18.593 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW031570.D
Acq: 17 Jan 2025 13:03

Tgt Ion:	180	Resp:	245623
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.9	115.3
145	36.2	30.1	45.1

