

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012025\
 Data File : VW031575.D
 Acq On : 20 Jan 2025 10:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 21 01:00:10 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	8.843	114	620445	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	241040	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186880	19.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.899	69	139808	20.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.021	65	89691	20.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.094	46	78547	50.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
24) Chloroform-d	7.648	84	358896	22.351	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	8.307	65	179590	22.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%
32) Benzene-d6	8.270	84	730774	22.031	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	9.270	67	220076	22.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.319	98	663034	22.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	10.575	79	92775	23.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.922	63	51023	51.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148826	24.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	192792	22.804	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	157842	19.559	ug/L	93
3) Chloromethane	2.222	50	155759	18.622	ug/L	98
5) Vinyl chloride	2.375	62	237802	22.290	ug/L	100
6) Bromomethane	2.796	94	133832	21.462	ug/L	95
8) Chloroethane	2.936	64	134329	21.420	ug/L	97
9) Trichlorofluoromethane	3.271	101	226824	21.401	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	191401	23.584	ug/L	97
12) 1,1-Dichloroethene	4.045	96	186769	22.622	ug/L	95
13) Acetone	4.167	43	54490	45.238	ug/L #	59
14) Carbon disulfide	4.393	76	593695	21.348	ug/L	99
15) Methyl Acetate	4.685	43	74193	23.512	ug/L #	73
16) Methylene chloride	4.923	84	190182	22.507	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	198799	22.419	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	338582	23.812	ug/L	99
19) 1,1-Dichloroethane	6.222	63	381851	22.888	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	214112	22.615	ug/L	99
22) 2-Butanone	7.191	43	95634	46.488	ug/L	98
23) Bromochloromethane	7.514	128	86088	23.218	ug/L	96
25) Chloroform	7.679	83	366802	23.115	ug/L	95

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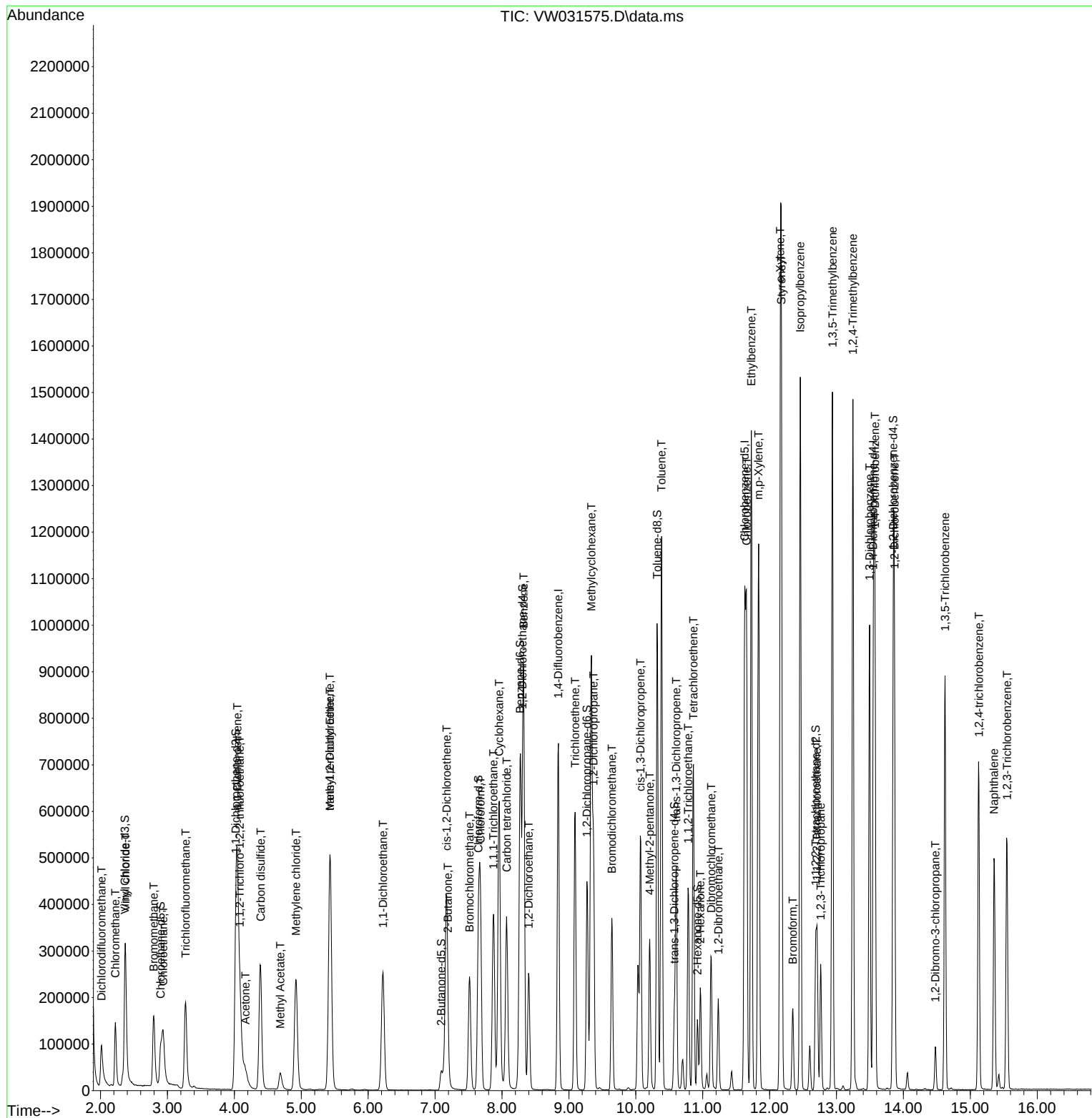
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	230889	23.624	ug/L	98
29) Cyclohexane	7.959	56	381854	22.562	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	316567	23.093	ug/L	99
31) Carbon tetrachloride	8.069	117	284049	23.371	ug/L	99
33) Benzene	8.325	78	824575	22.816	ug/L	100
34) Trichloroethene	9.093	95	218427	22.480	ug/L	97
35) Methylcyclohexane	9.337	83	391678	22.484	ug/L	100
37) 1,2-Dichloropropane	9.368	63	207837	22.880	ug/L	100
38) Bromodichloromethane	9.642	83	256101	23.308	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	336519	23.550	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	216754	47.806	ug/L	99
42) Toluene	10.386	91	869179	23.007	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	270737	23.703	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	141135	24.240	ug/L	99
46) Tetrachloroethene	10.861	164	154521	22.161	ug/L	84
48) 2-Hexanone	10.965	43	140462	50.695	ug/L	99
49) Dibromochloromethane	11.129	129	154409	24.103	ug/L	96
50) 1,2-Dibromoethane	11.233	107	130917	24.261	ug/L	95
51) Chlorobenzene	11.654	112	532288	22.817	ug/L	96
52) Ethylbenzene	11.727	91	995105	22.956	ug/L	96
53) m,p-Xylene	11.837	106	376669	22.790	ug/L	97
54) o-Xylene	12.160	106	356534	23.212	ug/L	99
55) Styrene	12.178	104	600210	23.484	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	159176	24.880	ug/L	98
59) Bromoform	12.349	173	81133	25.261	ug/L	100
60) Isopropylbenzene	12.458	105	983910	23.366	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	115201	25.450	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	814321	23.486	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	792567	23.486	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	396897	23.765	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	392077	23.737	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	346834	24.319	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	25528	25.226	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255698	22.593	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	212922	23.620	ug/L	99
71) Naphthalene	15.354	128	428432	25.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	175664	23.137	ug/L	98

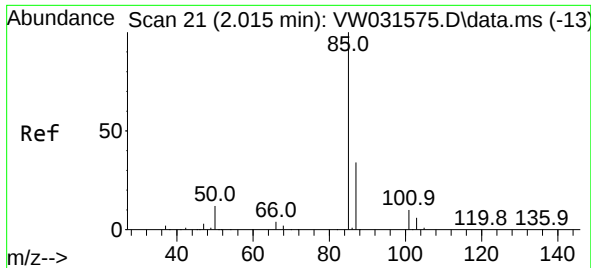
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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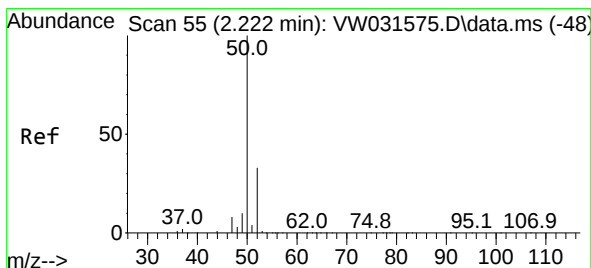
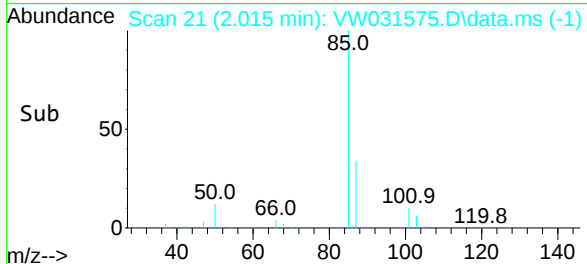
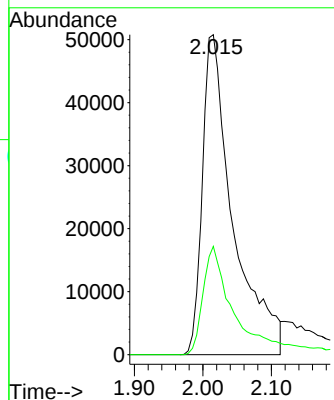
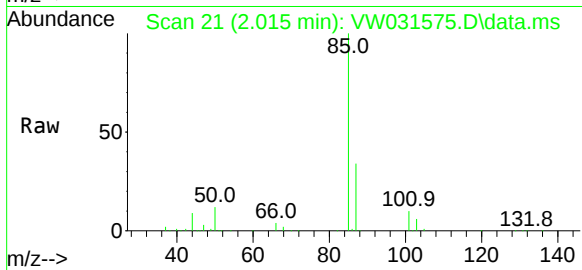




#2
 Dichlorodifluoromethane
 Concen: 19.559 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

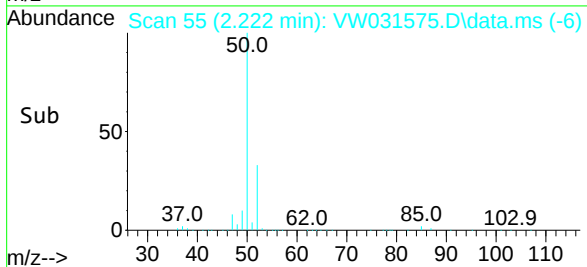
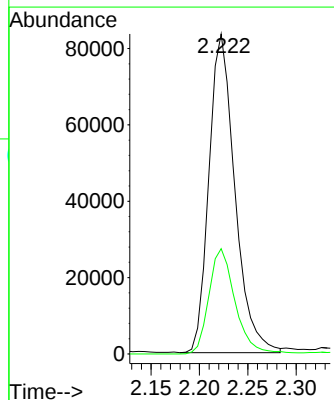
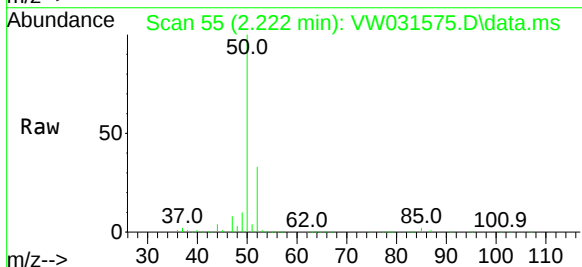
Instrument :
 MSVOA_W
 ClientSampleId :

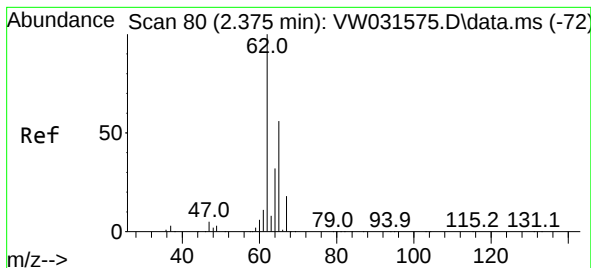
Tgt Ion: 85 Resp: 157842
 Ion Ratio Lower Upper
 85 100
 87 35.1 25.0 37.4



#3
 Chloromethane
 Concen: 18.622 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Tgt Ion: 50 Resp: 155759
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.3 41.3





#5

Vinyl chloride

Concen: 22.290 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

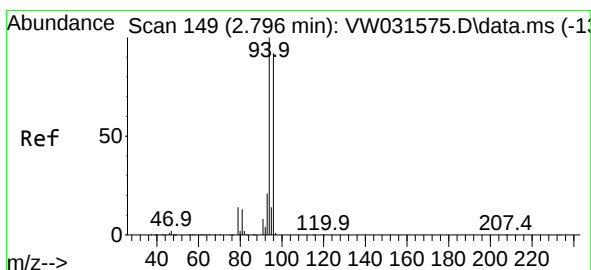
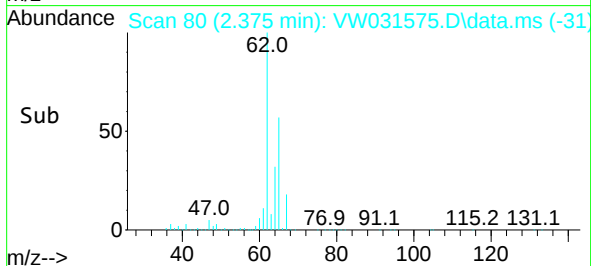
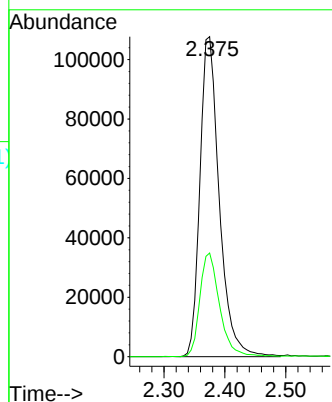
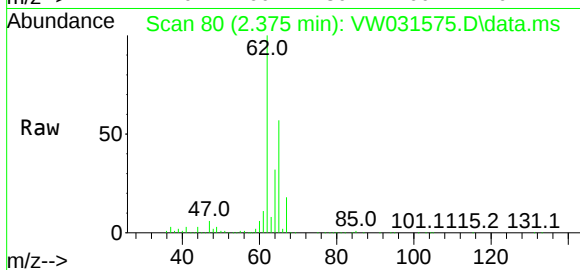
ClientSampleId :

Tgt Ion: 62 Resp: 237802

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.3



#6

Bromomethane

Concen: 21.462 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW031575.D

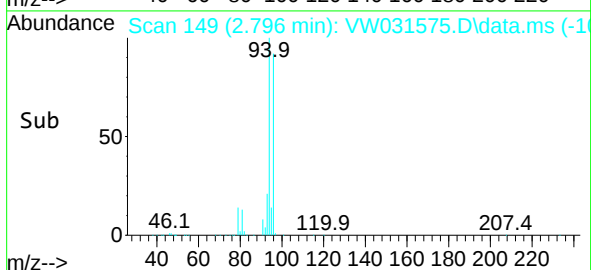
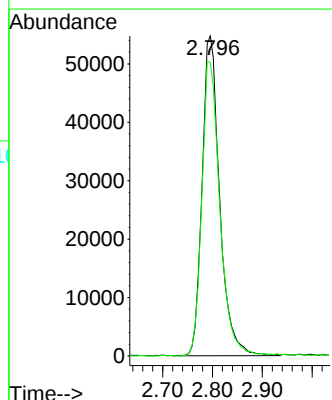
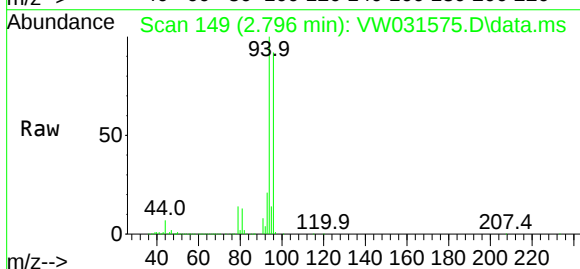
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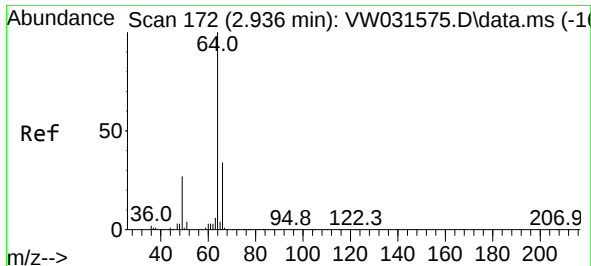
Tgt Ion: 94 Resp: 133832

Ion Ratio Lower Upper

94 100

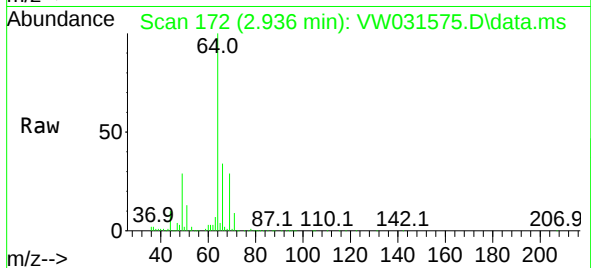
96 91.8 67.6 125.6



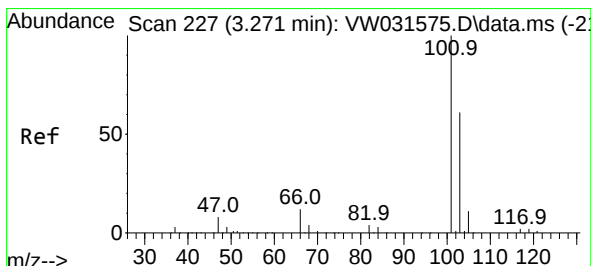
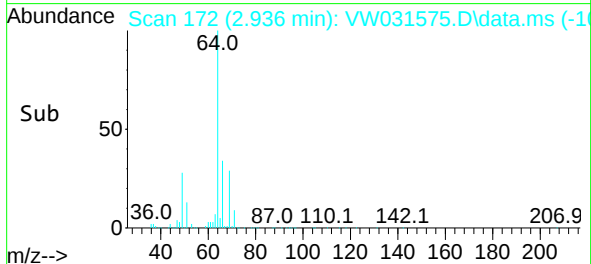
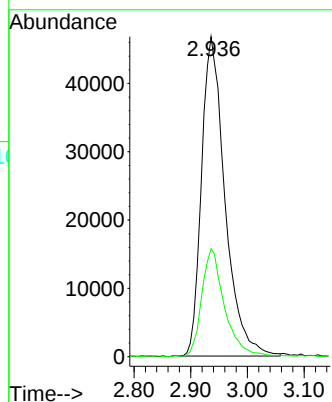


#8
Chloroethane
Concen: 21.420 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

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MSVOA_W
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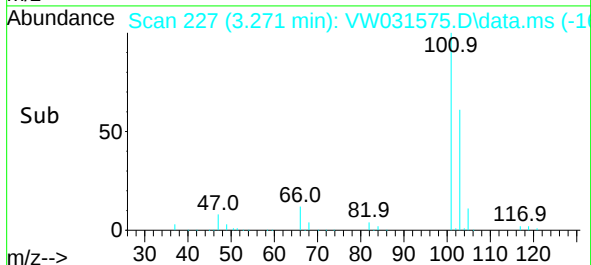
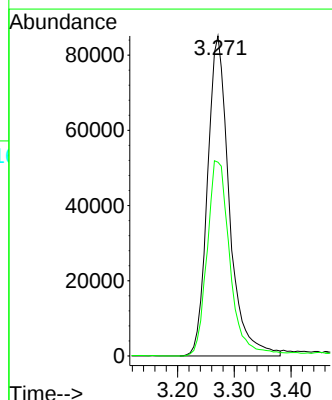
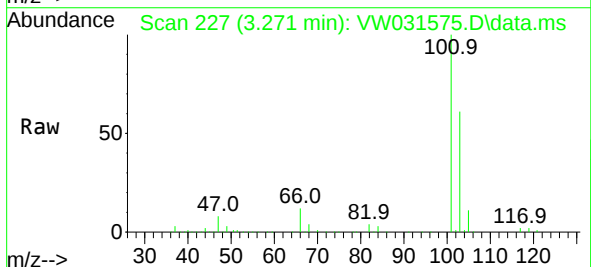


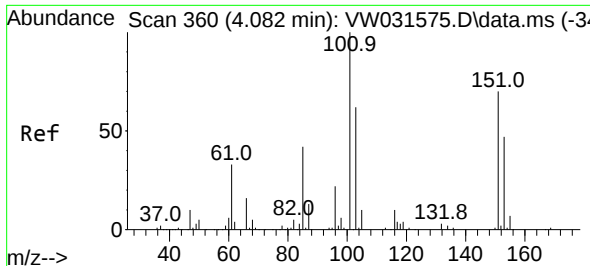
Tgt Ion: 64 Resp: 134329
Ion Ratio Lower Upper
64 100
66 33.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 21.401 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:101 Resp: 226824
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

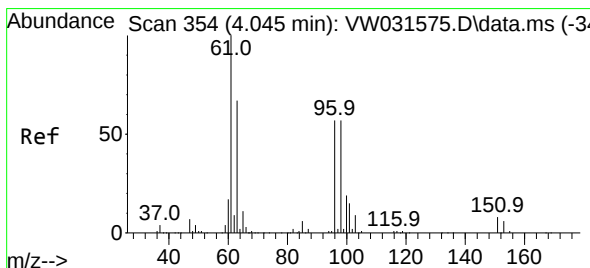
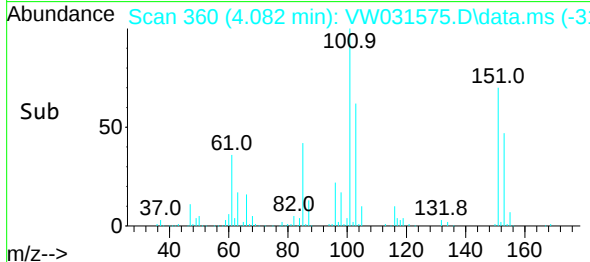
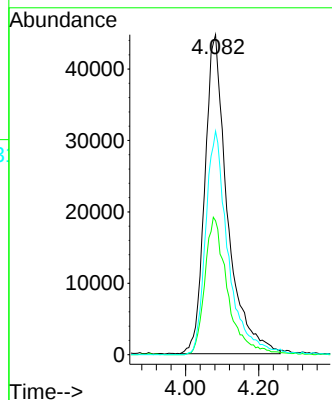
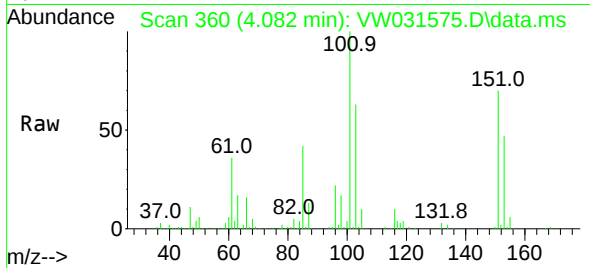




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.584 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

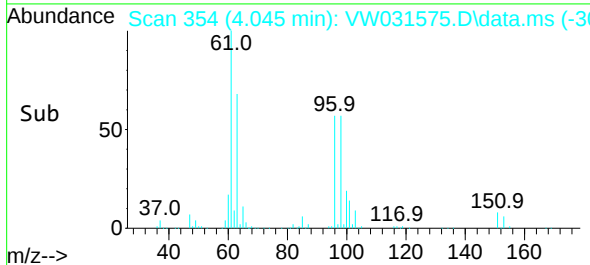
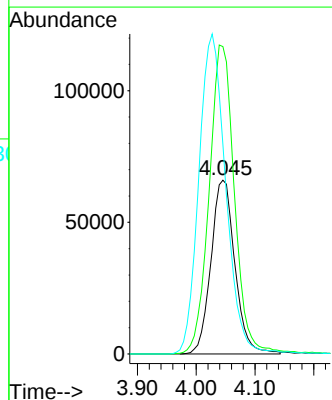
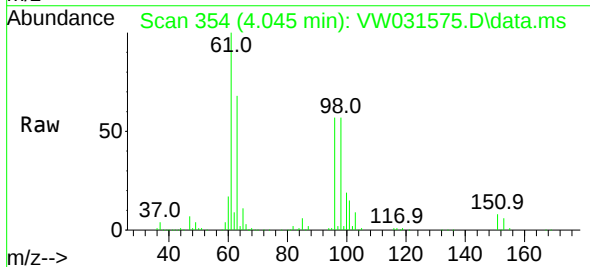
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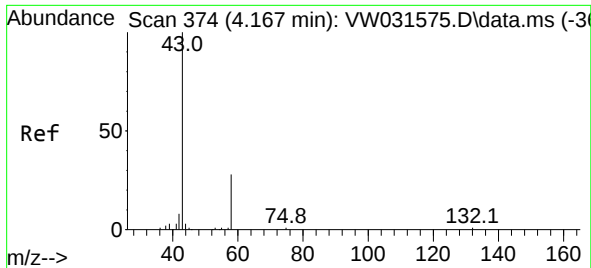
Tgt Ion:101 Resp: 191401
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.1 54.1
 151 69.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 22.622 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW031575.D
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Tgt Ion: 96 Resp: 186769
 Ion Ratio Lower Upper
 96 100
 61 176.9 123.8 230.0
 63 120.4 94.1 174.8

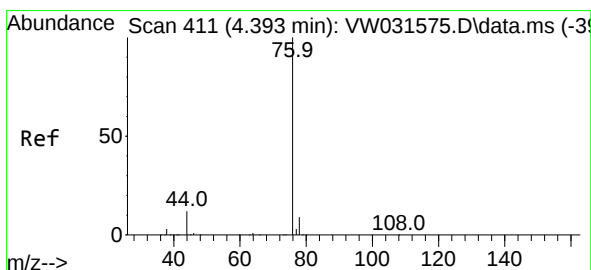
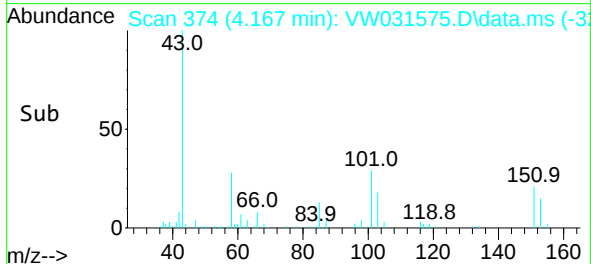
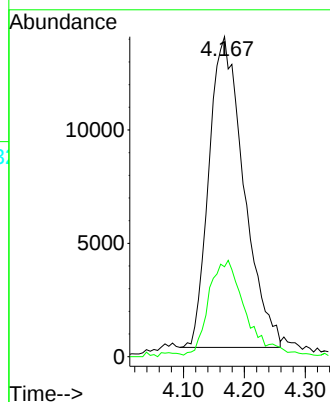
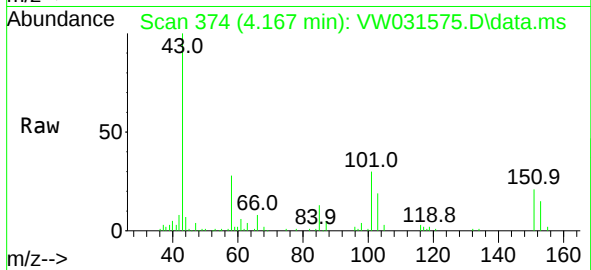




#13
Acetone
Concen: 45.238 ug/L
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031575.D
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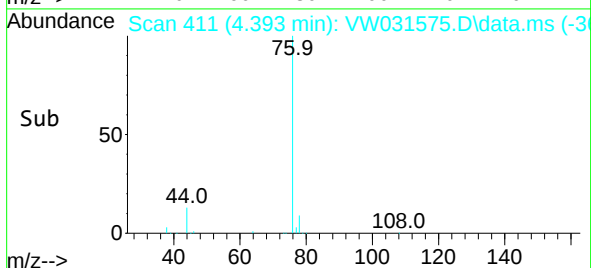
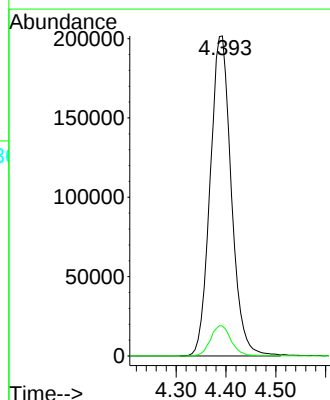
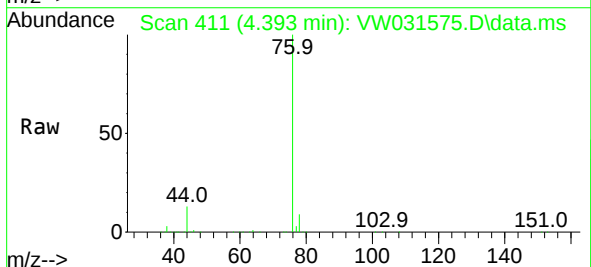
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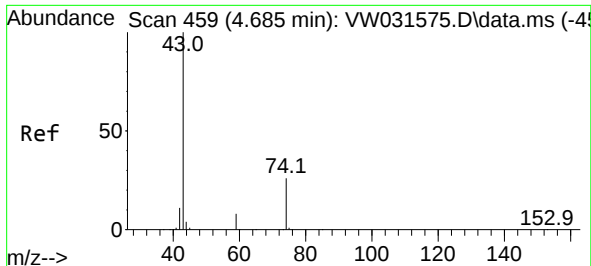
Tgt Ion: 43 Resp: 54490
Ion Ratio Lower Upper
43 100
58 30.8 0.0 28.2#



#14
Carbon disulfide
Concen: 21.348 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 593695
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

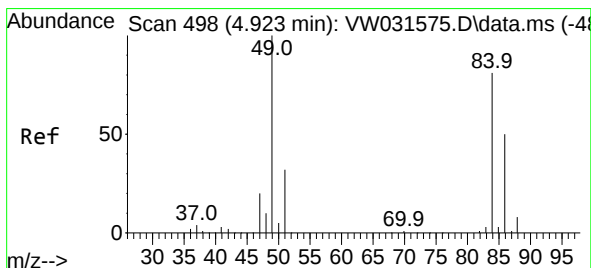
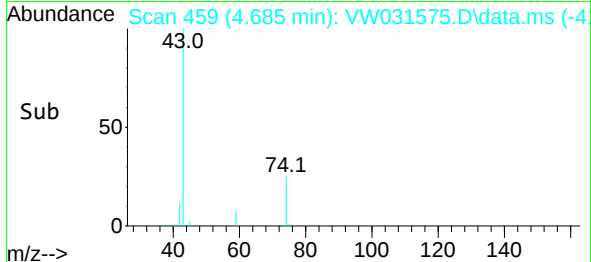
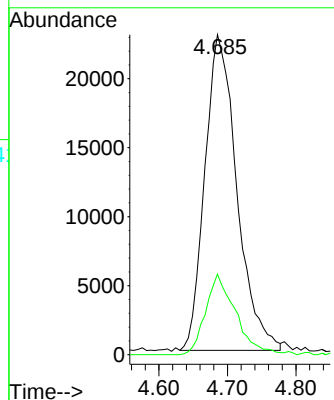
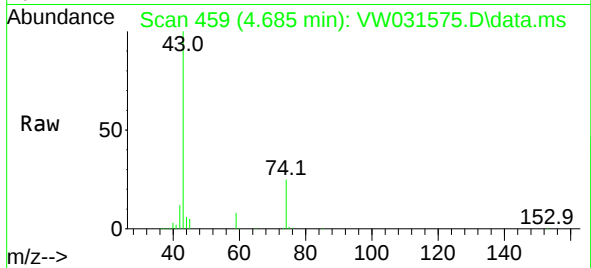




#15
Methyl Acetate
Concen: 23.512 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.006 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

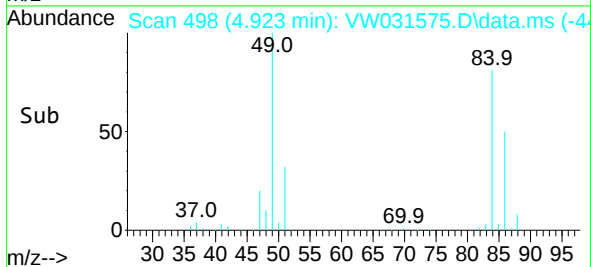
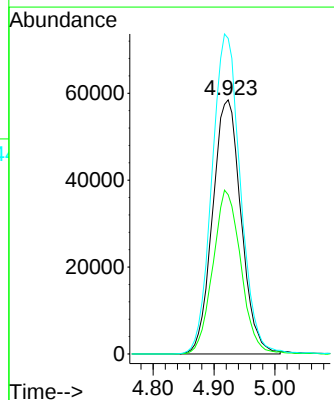
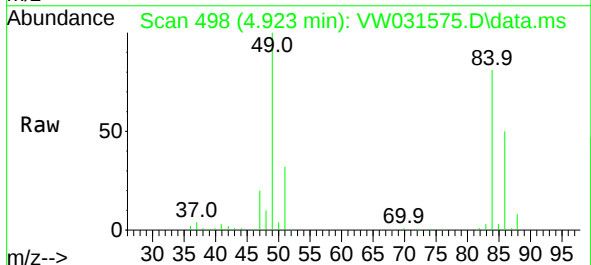
Instrument :
MSVOA_W
ClientSampleId :

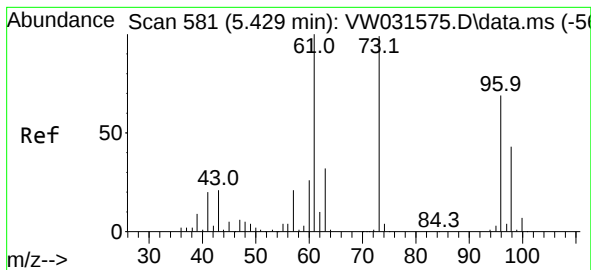
Tgt Ion: 43 Resp: 74193
Ion Ratio Lower Upper
43 100
74 23.9 10.6 15.8#



#16
Methylene chloride
Concen: 22.507 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 84 Resp: 190182
Ion Ratio Lower Upper
84 100
86 62.6 47.0 87.2
49 124.2 89.8 166.8



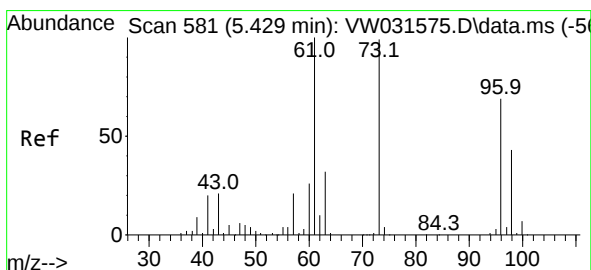
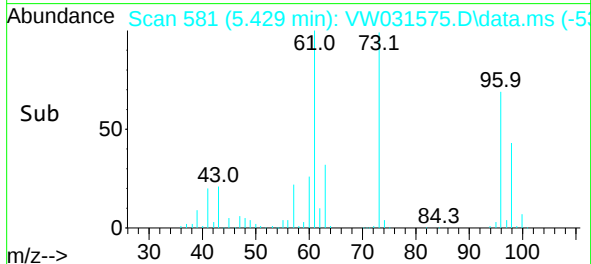
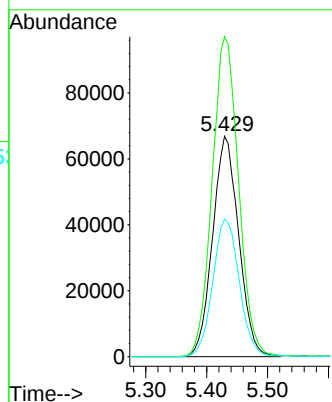
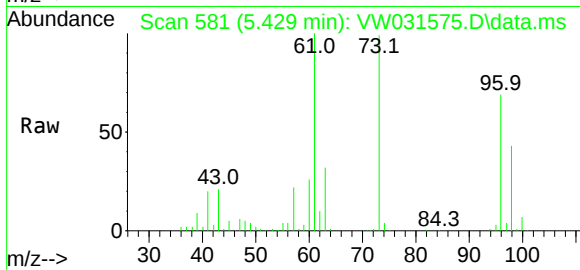


#17
 trans-1,2-Dichloroethene
 Concen: 22.419 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 198799

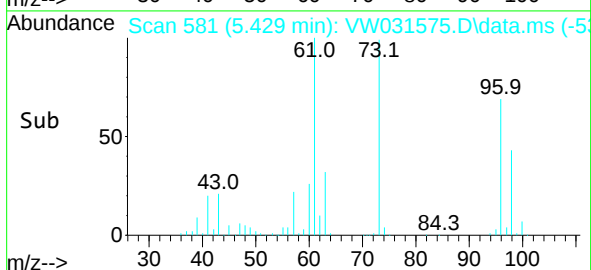
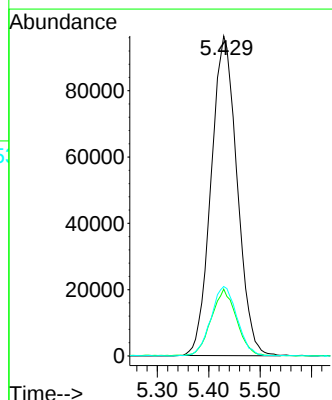
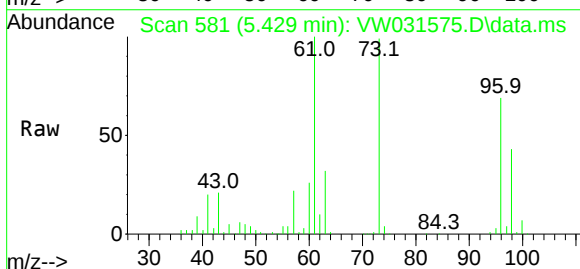
Ion	Ratio	Lower	Upper
96	100		
61	145.2	105.1	195.1
98	62.4	44.9	83.3

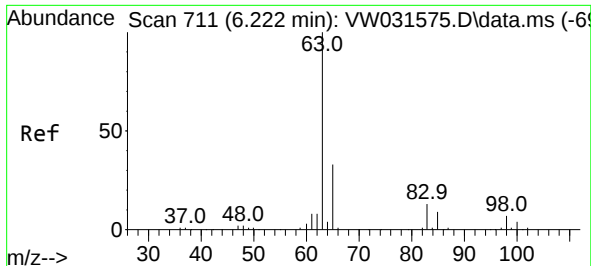


#18
 Methyl tert-butyl Ether
 Concen: 23.812 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Tgt Ion: 73 Resp: 338582

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.4	24.6
57	22.0	18.2	27.2





#19

1,1-Dichloroethane

Concen: 22.888 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :

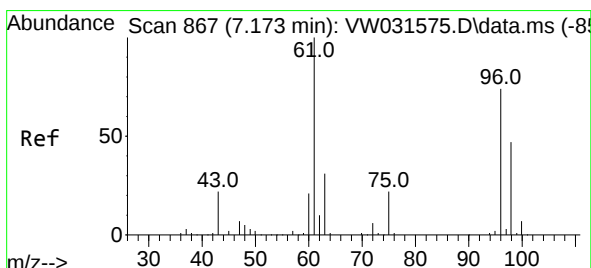
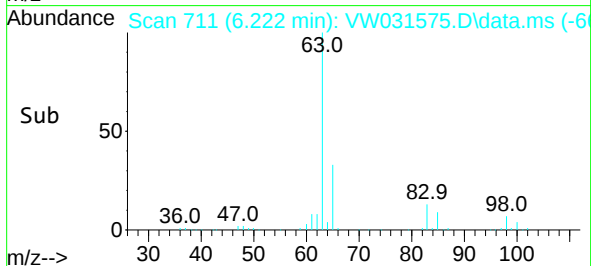
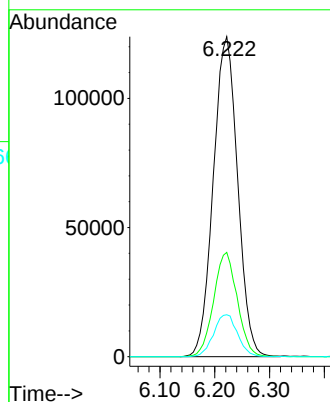
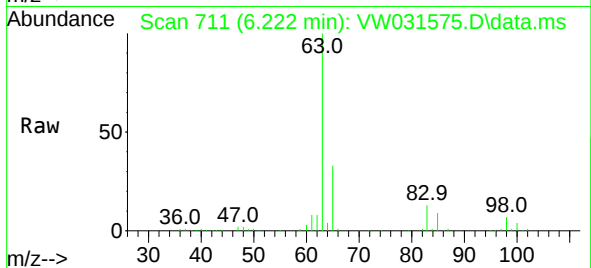
Tgt Ion: 63 Resp: 381851

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.615 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

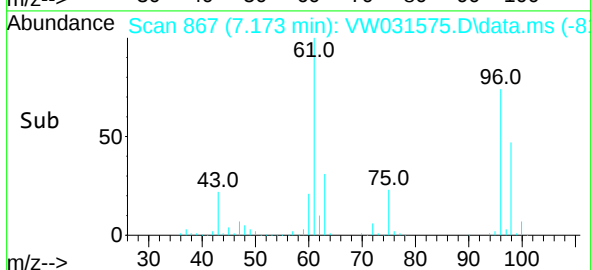
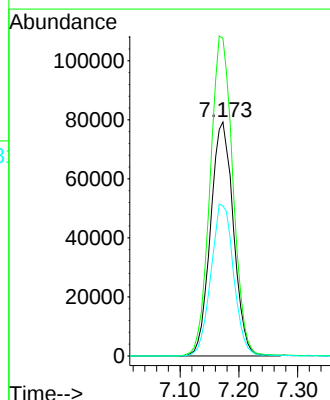
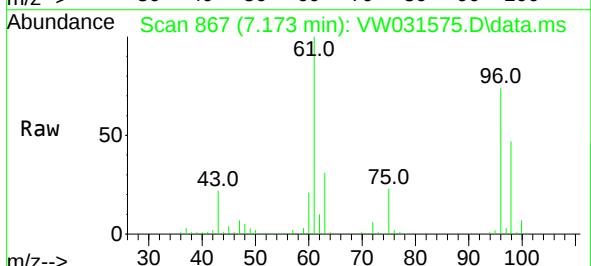
Tgt Ion: 96 Resp: 214112

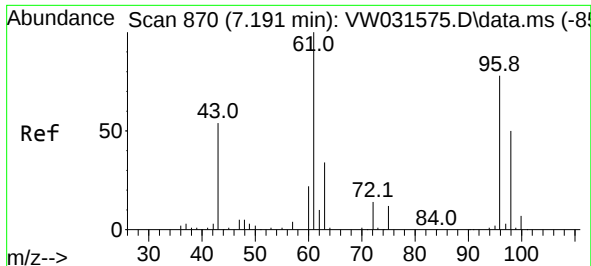
Ion Ratio Lower Upper

96 100

61 135.8 94.8 176.2

98 64.2 45.6 84.8

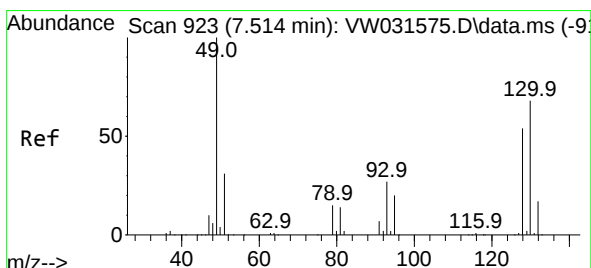
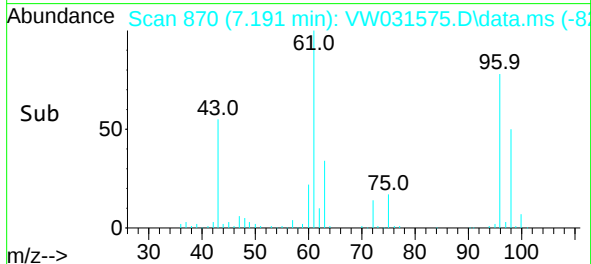
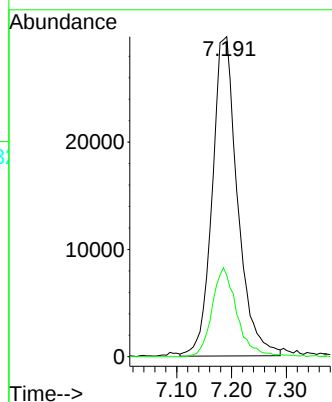
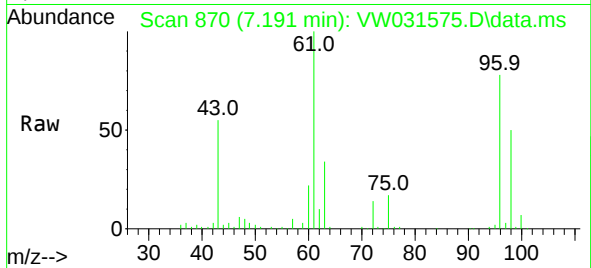




#22
2-Butanone
Concen: 46.488 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

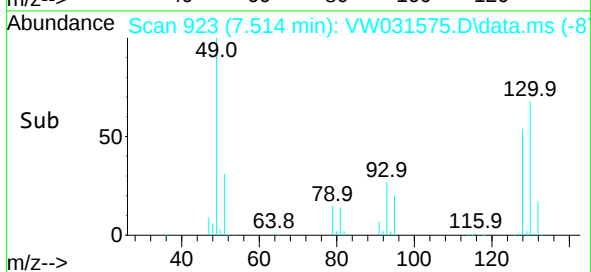
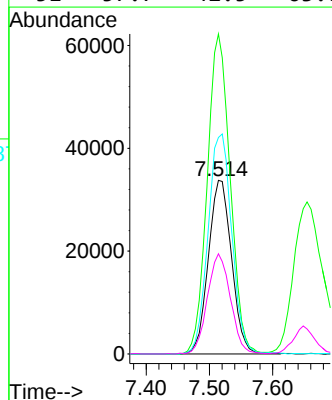
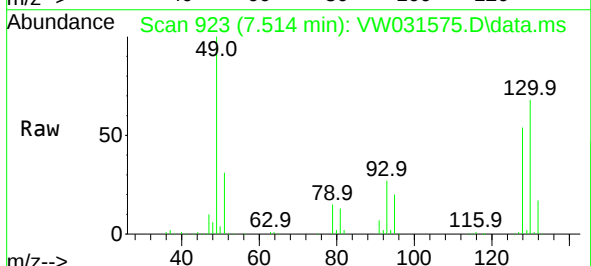
Instrument :
MSVOA_W
ClientSampleId :

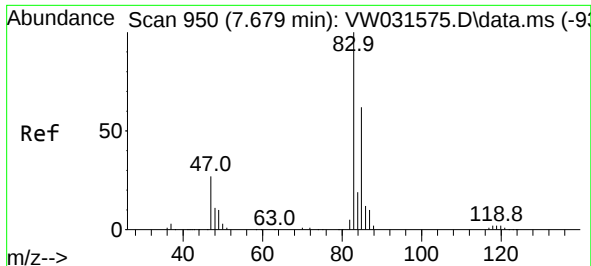
Tgt Ion: 43 Resp: 95634
Ion Ratio Lower Upper
43 100
72 27.1 13.2 39.5



#23
Bromochloromethane
Concen: 23.218 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 128 Resp: 86088
Ion Ratio Lower Upper
128 100
49 184.4 123.9 230.1
130 124.7 88.1 163.7
51 57.7 42.5 63.7

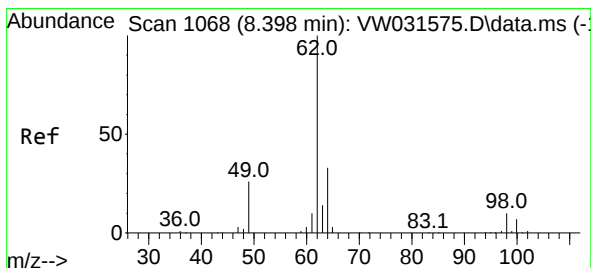
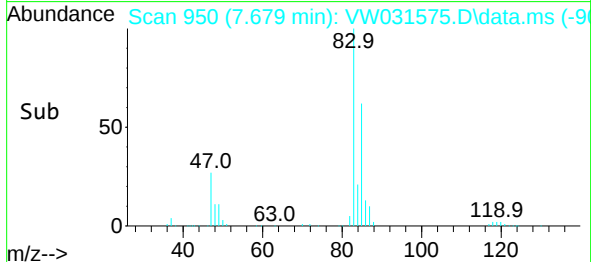
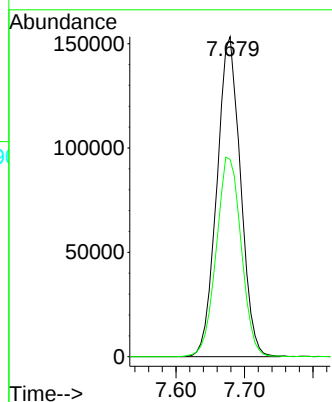
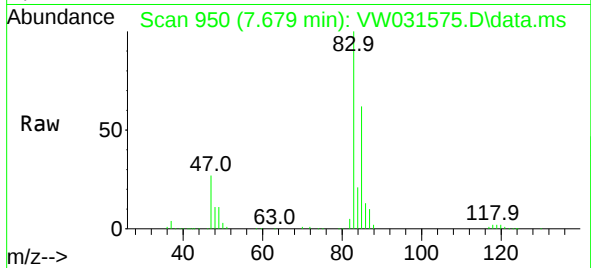




#25
Chloroform
Concen: 23.115 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

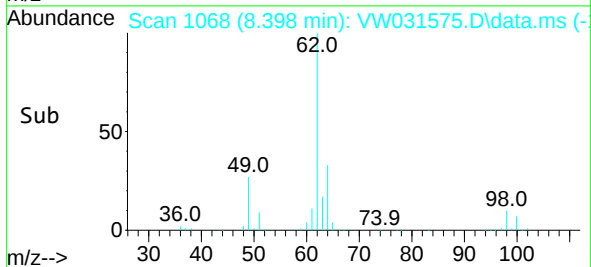
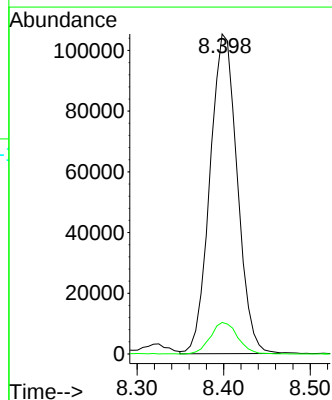
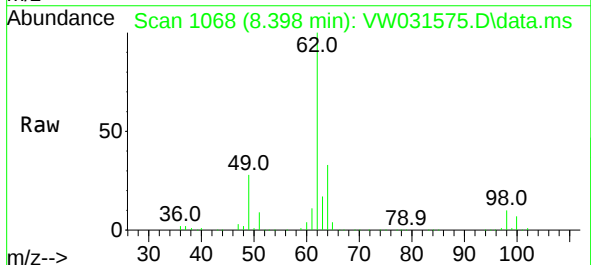
Instrument :
MSVOA_W
ClientSampleId :

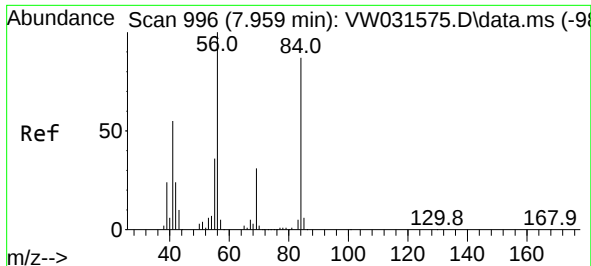
Tgt Ion: 83 Resp: 366802
Ion Ratio Lower Upper
83 100
85 61.7 46.2 85.8



#27
1,2-Dichloroethane
Concen: 23.624 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 62 Resp: 230889
Ion Ratio Lower Upper
62 100
98 9.8 7.3 10.9

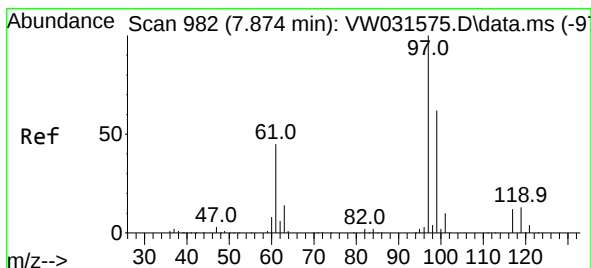
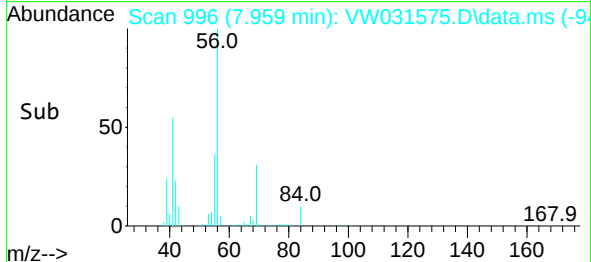
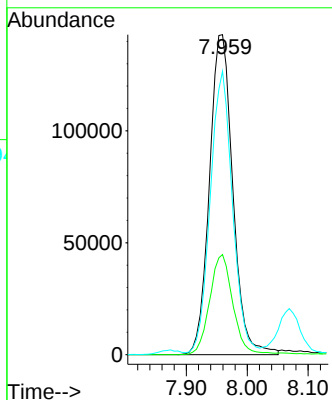
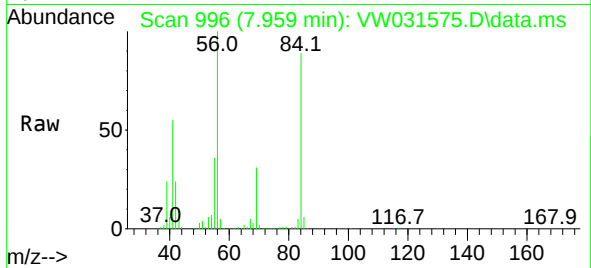




#29
Cyclohexane
Concen: 22.562 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

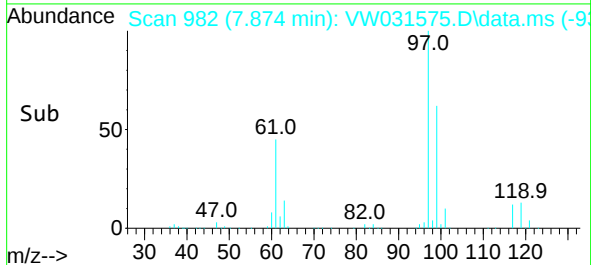
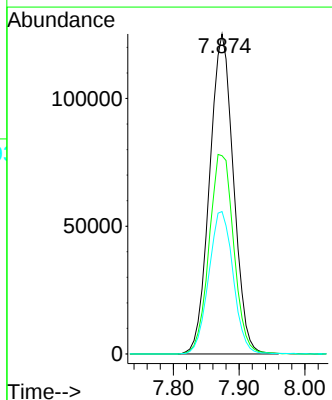
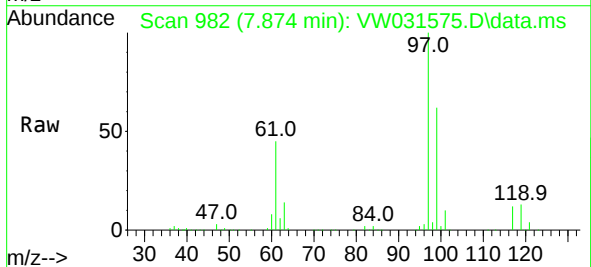
Instrument :
MSVOA_W
ClientSampleId :

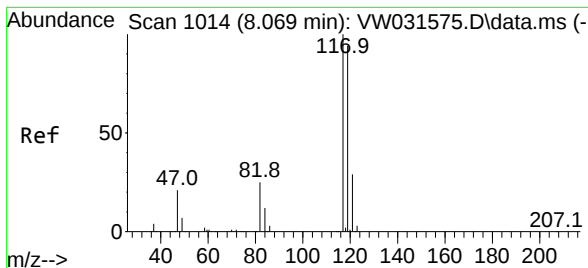
Tgt Ion: 56 Resp: 381854
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 84.2 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 23.093 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 97 Resp: 316567
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.4
61 45.6 36.9 55.3

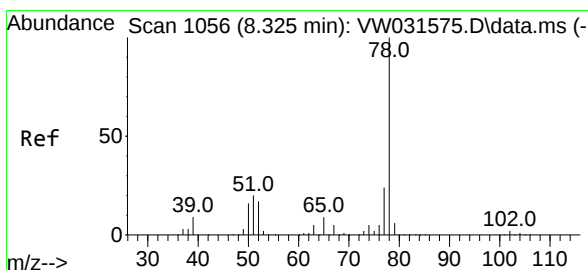
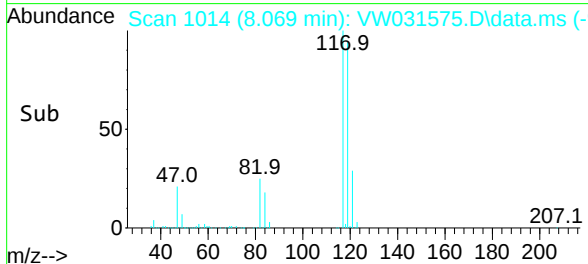
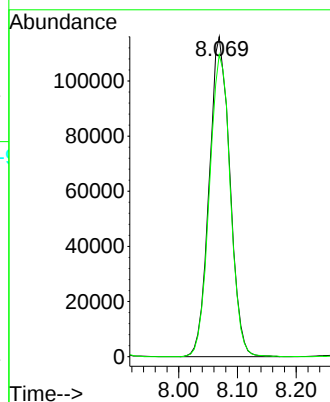
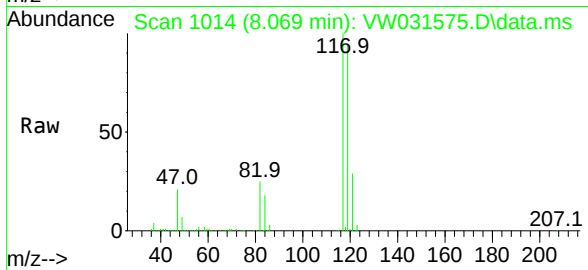




#31
Carbon tetrachloride
Concen: 23.371 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

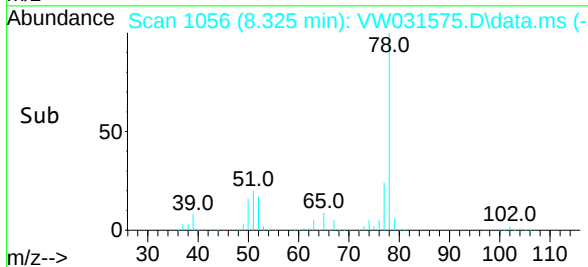
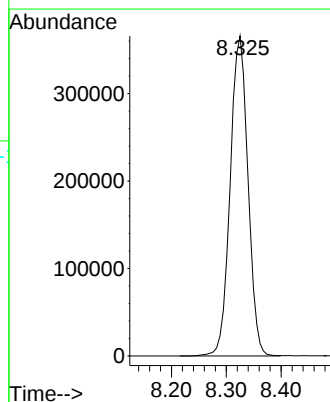
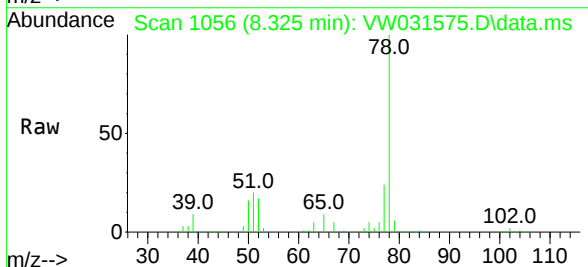
Instrument :
MSVOA_W
ClientSampleId :

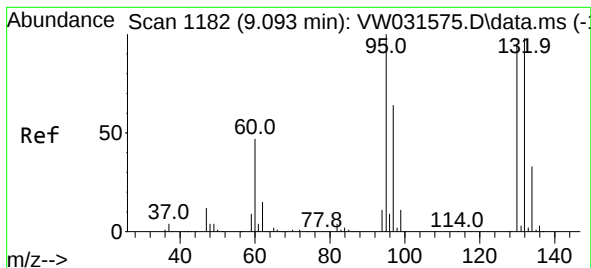
Tgt Ion:117 Resp: 284049
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0



#33
Benzene
Concen: 22.816 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 78 Resp: 824575





#34

Trichloroethene

Concen: 22.480 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 218427

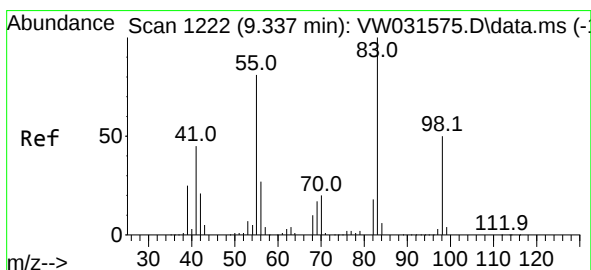
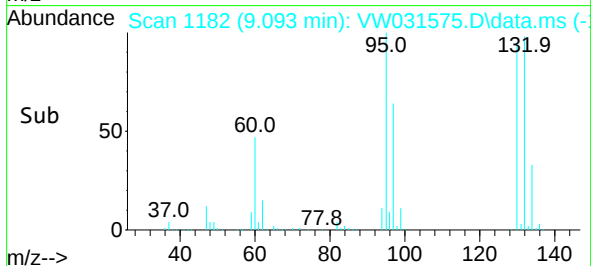
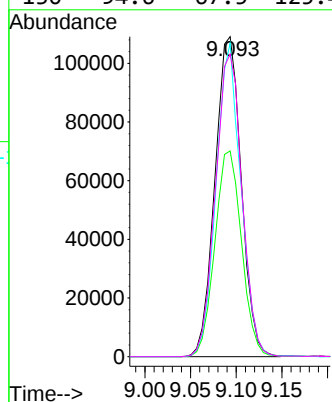
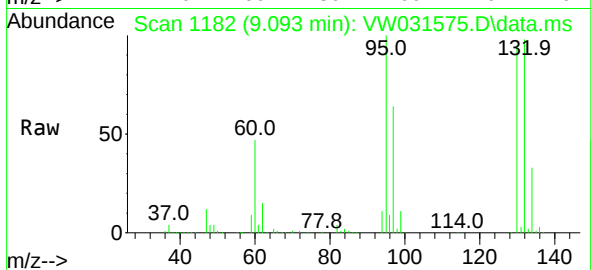
Ion Ratio Lower Upper

95 100

97 64.3 44.0 81.6

132 98.0 64.6 120.0

130 94.6 67.5 125.4



#35

Methylcyclohexane

Concen: 22.484 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

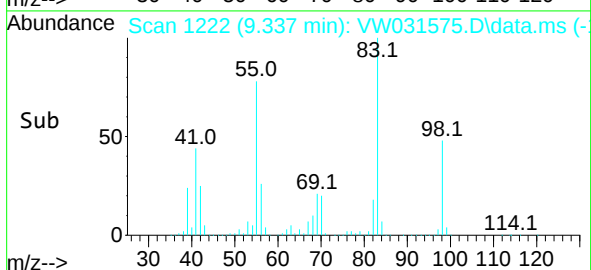
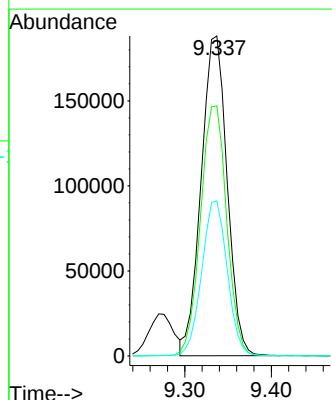
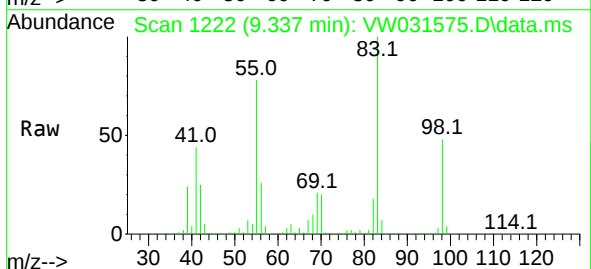
Tgt Ion: 83 Resp: 391678

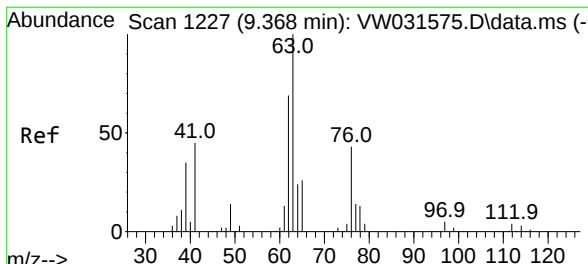
Ion Ratio Lower Upper

83 100

55 79.1 63.4 95.2

98 47.8 38.8 58.2

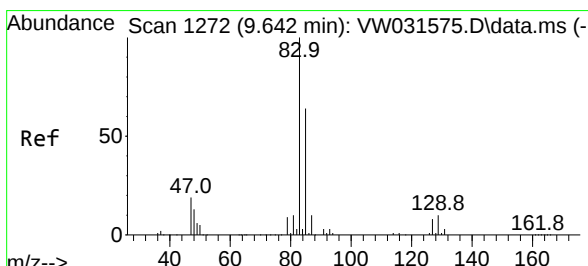
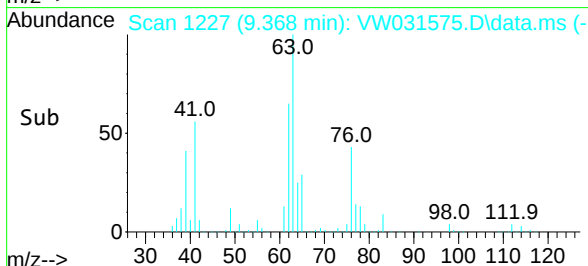
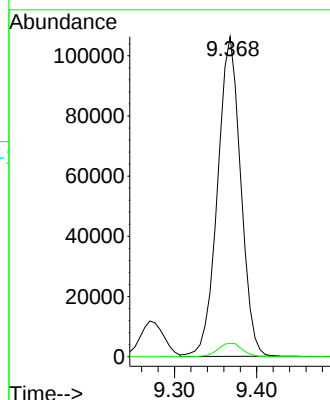
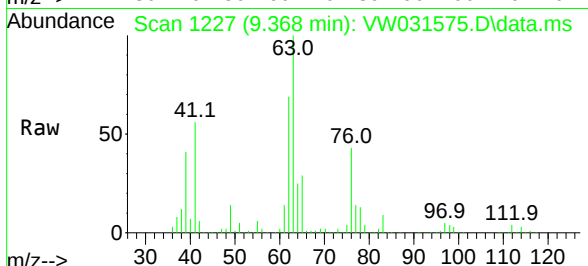




#37
1,2-Dichloropropane
Concen: 22.880 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

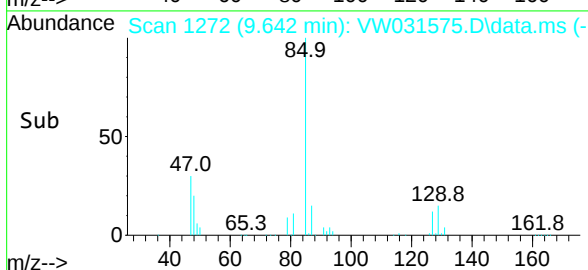
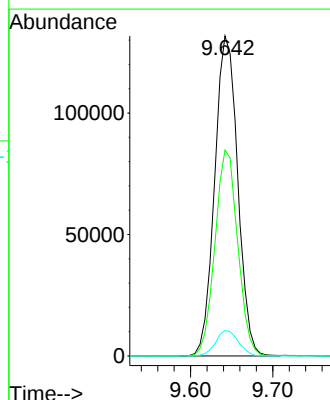
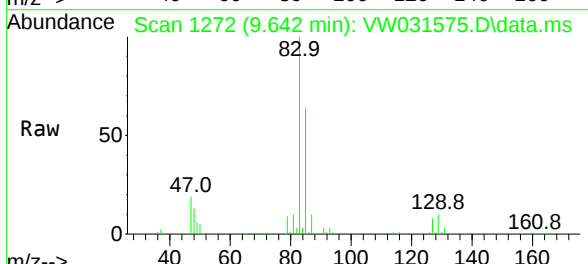
Instrument :
MSVOA_W
ClientSampleId :

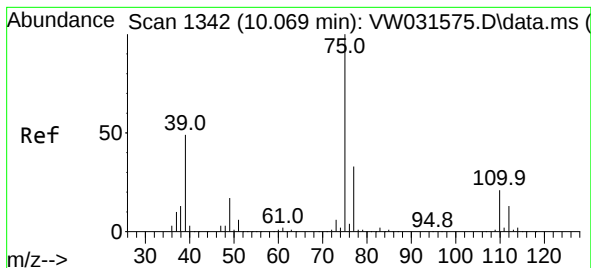
Tgt Ion: 63 Resp: 207837
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 23.308 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 83 Resp: 256101
Ion Ratio Lower Upper
83 100
85 64.4 43.8 81.3
127 8.0 6.2 9.4

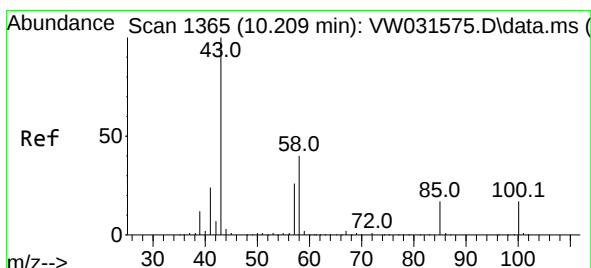
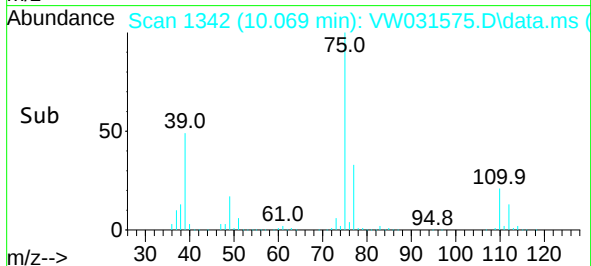
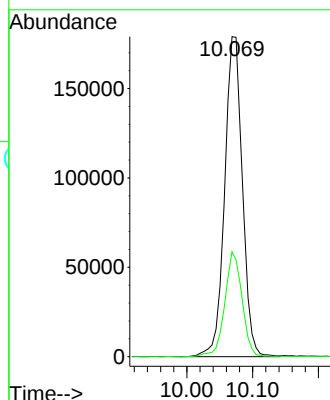
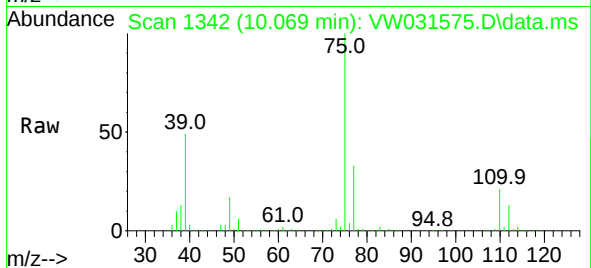




#39
 cis-1,3-Dichloropropene
 Concen: 23.550 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

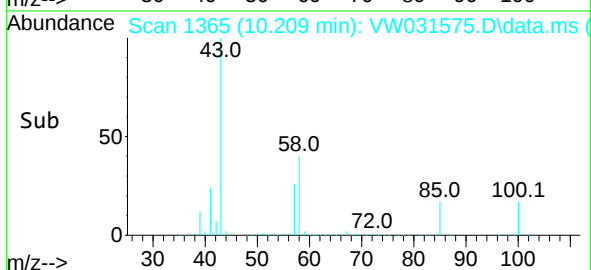
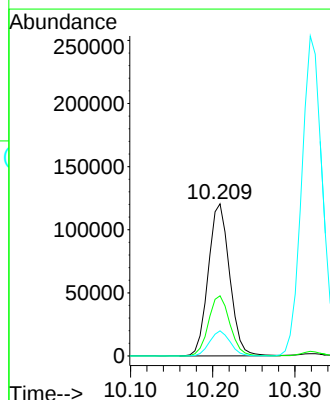
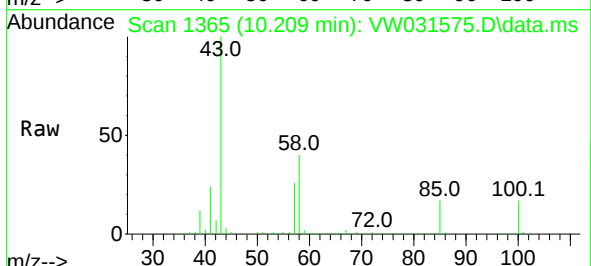
Instrument :
 MSVOA_W
 ClientSampleId :

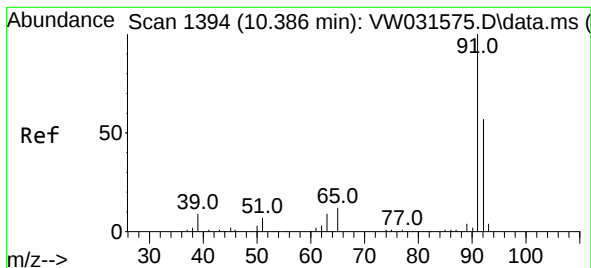
Tgt Ion: 75 Resp: 336519
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 47.806 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Tgt Ion: 43 Resp: 216754
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.4 47.2
 100 15.9 12.3 18.5





#42

Toluene

Concen: 23.007 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

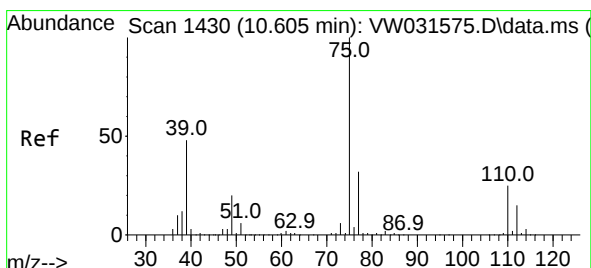
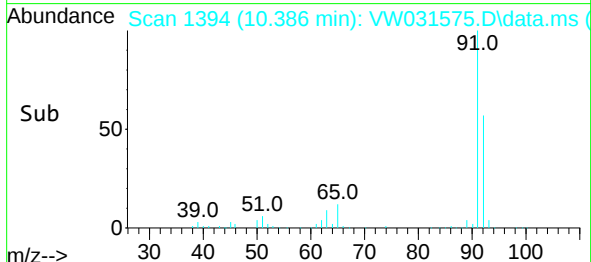
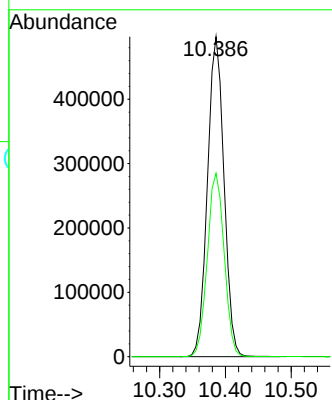
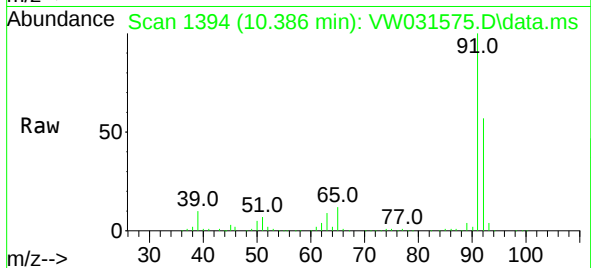
ClientSampleId :

Tgt Ion: 91 Resp: 869179

Ion Ratio Lower Upper

91 100

92 57.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 23.703 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031575.D

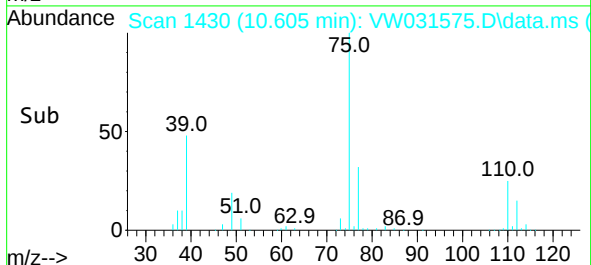
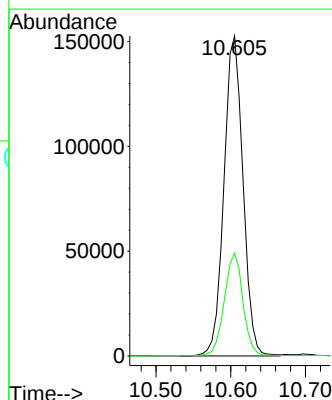
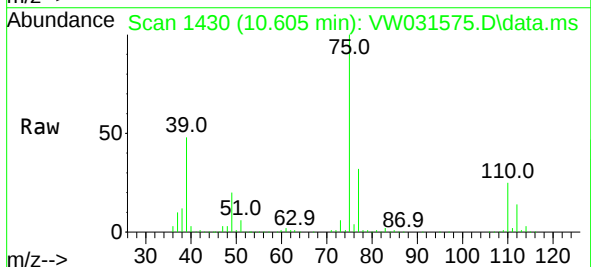
Acq: 20 Jan 2025 10:16

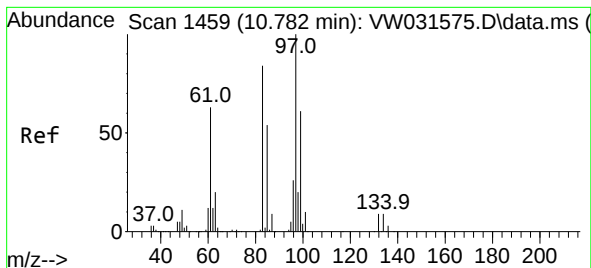
Tgt Ion: 75 Resp: 270737

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.240 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 141135

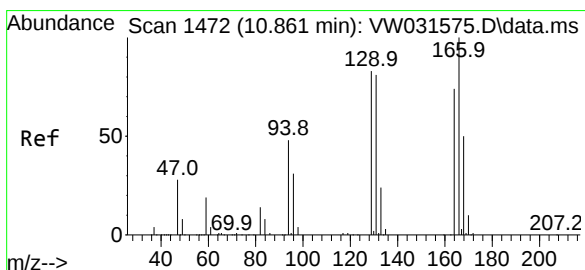
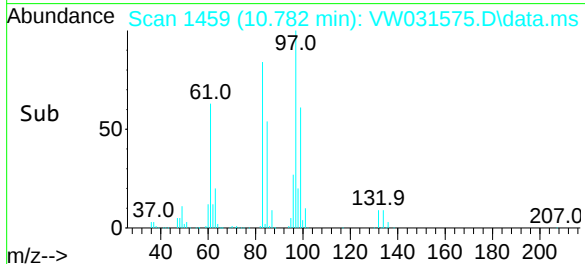
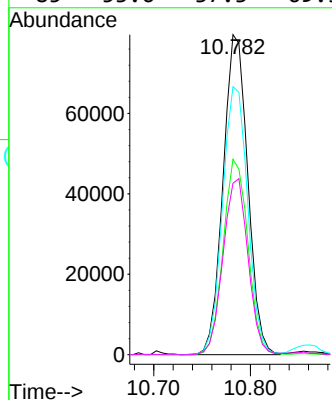
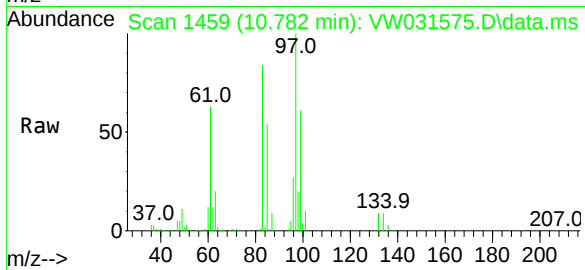
Ion Ratio Lower Upper

97 100

99 61.1 42.6 79.2

83 83.7 59.6 110.8

85 53.6 37.3 69.3



#46

Tetrachloroethene

Concen: 22.161 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Tgt Ion:164 Resp: 154521

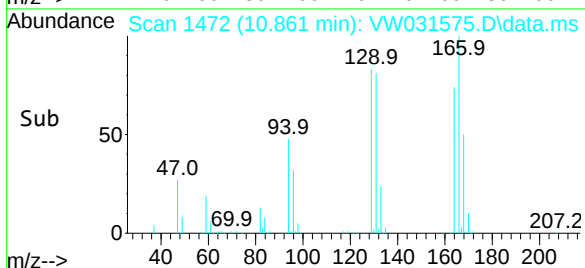
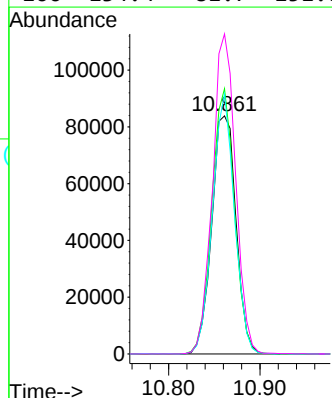
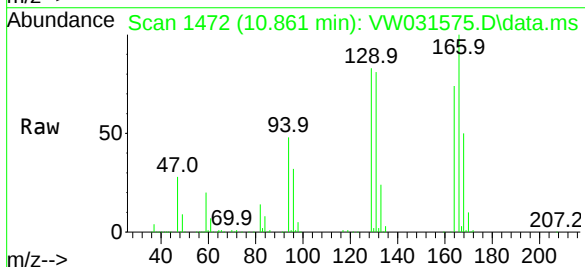
Ion Ratio Lower Upper

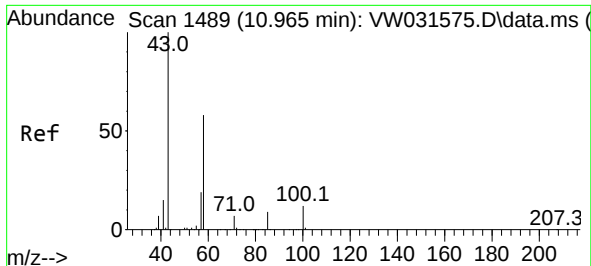
164 100

129 111.4 69.8 129.6

131 109.2 63.1 117.1

166 134.4 81.7 151.7

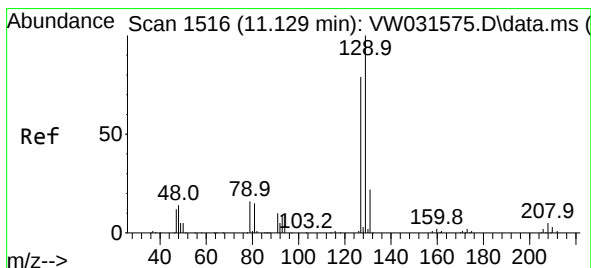
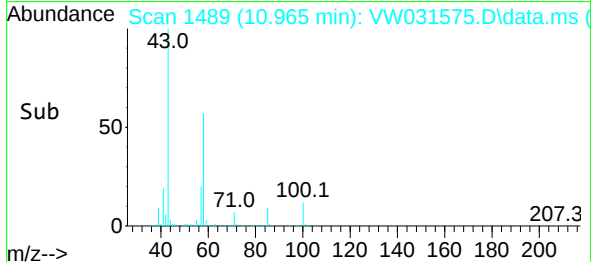
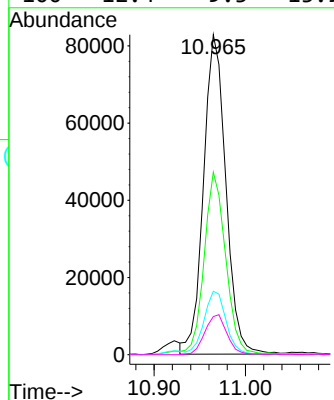
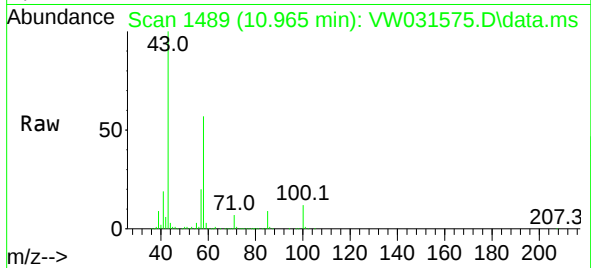




#48
2-Hexanone
Concen: 50.695 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

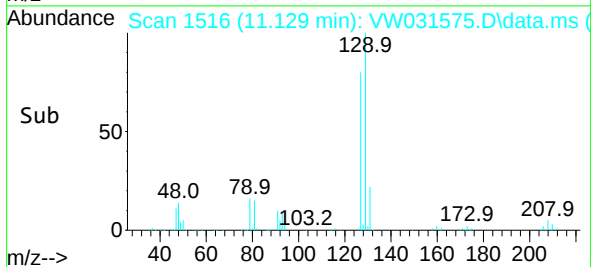
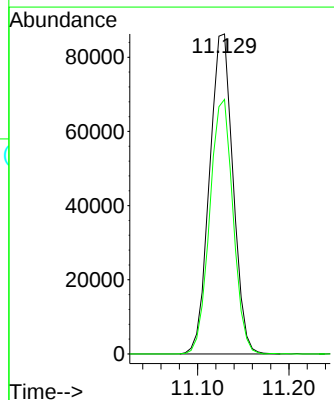
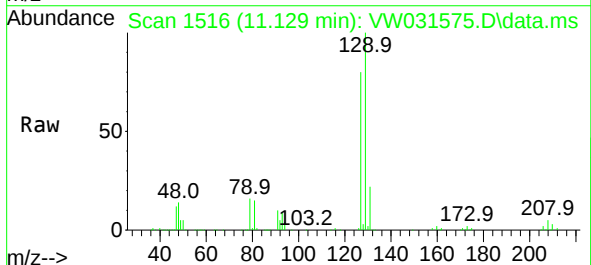
Instrument :
MSVOA_W
ClientSampleId :

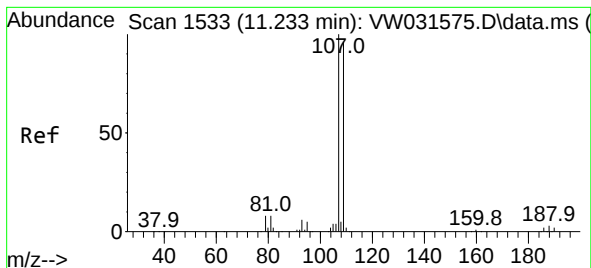
Tgt Ion: 43	Resp: 140462
Ion Ratio	Lower Upper
43 100	
58 54.9	44.8 67.2
57 19.3	15.6 23.4
100 12.4	9.3 13.9



#49
Dibromochloromethane
Concen: 24.103 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:129	Resp: 154409		
Ion Ratio	Lower	Upper	
129 100			
127 79.5	53.0	98.4	

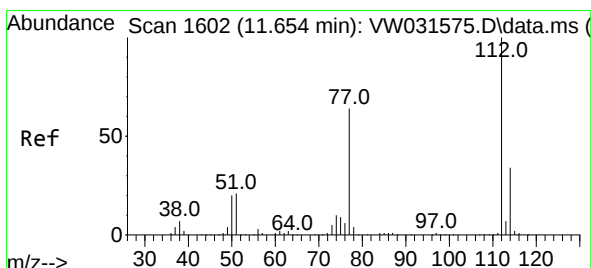
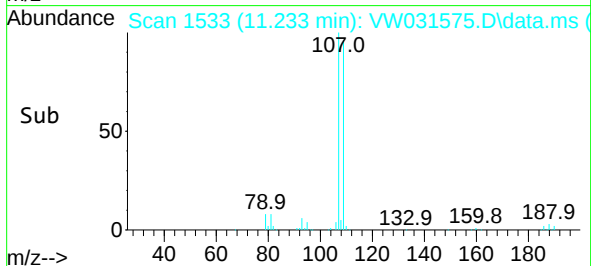
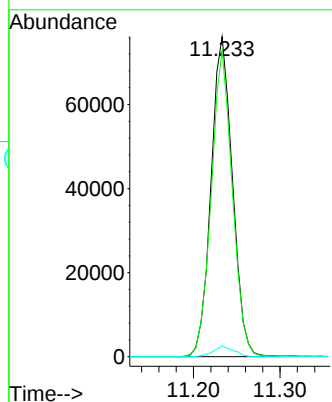
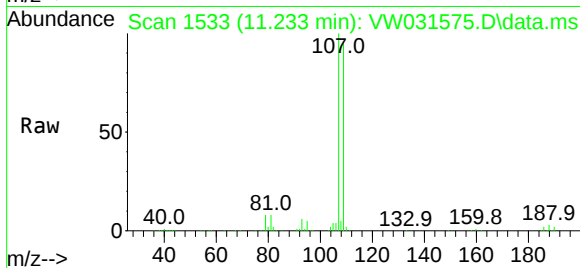




#50
1,2-Dibromoethane
Concen: 24.261 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

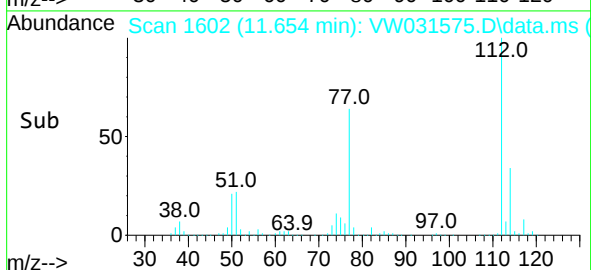
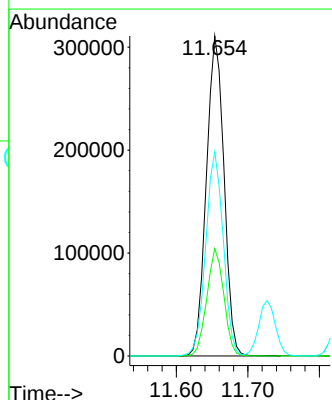
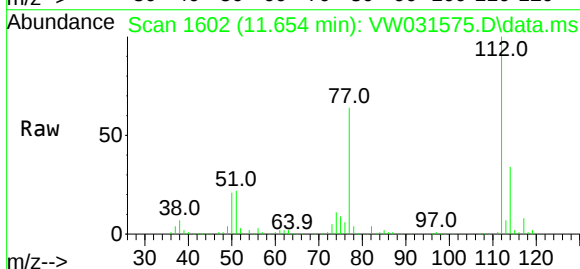
Instrument :
MSVOA_W
ClientSampleId :

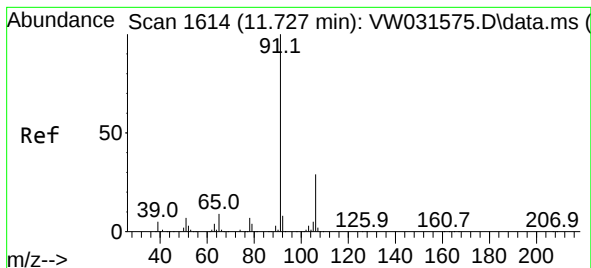
Tgt Ion:107 Resp: 130917
Ion Ratio Lower Upper
107 100
109 95.6 63.8 118.4
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 22.817 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:112 Resp: 532288
Ion Ratio Lower Upper
112 100
114 33.5 22.0 40.8
77 63.8 49.0 73.4

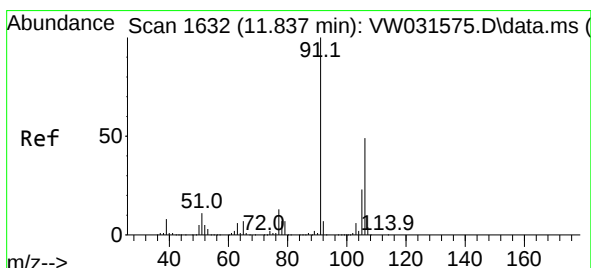
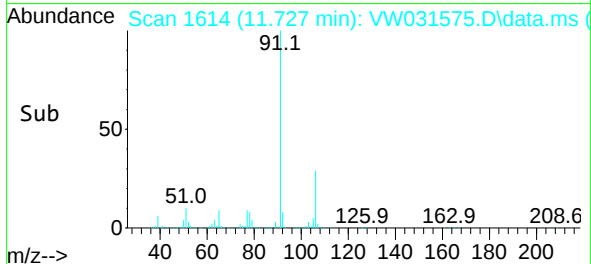
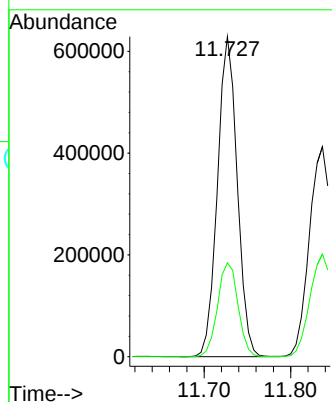
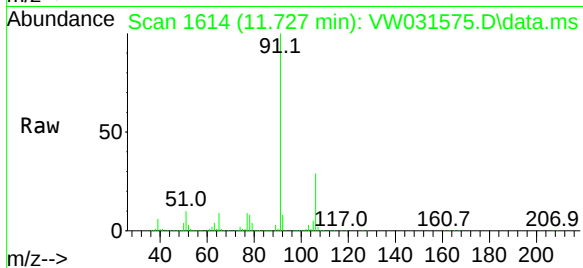




#52
Ethylbenzene
Concen: 22.956 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

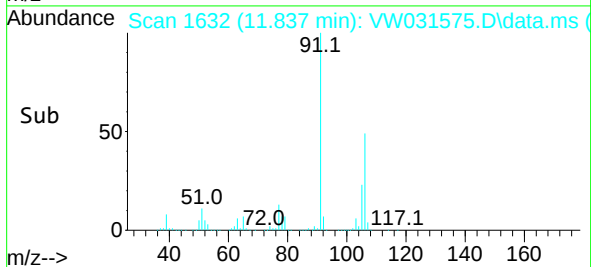
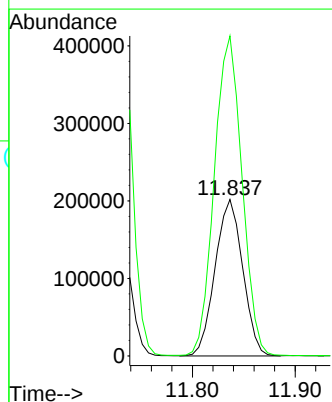
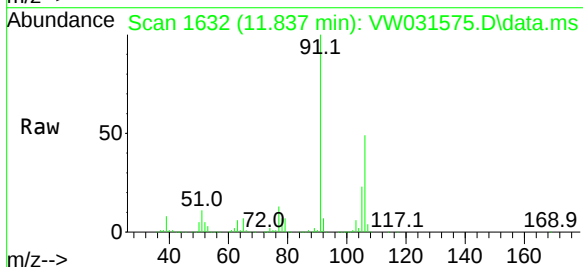
Instrument :
MSVOA_W
ClientSampleId :

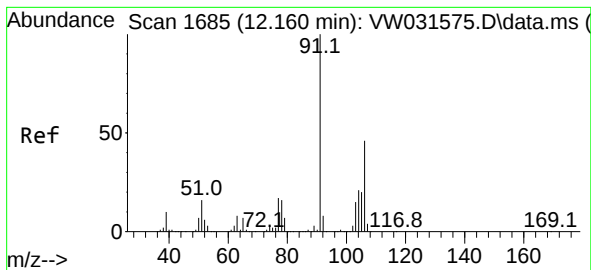
Tgt Ion: 91 Resp: 995105
Ion Ratio Lower Upper
91 100
106 29.3 22.3 41.3



#53
m,p-Xylene
Concen: 22.790 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:106 Resp: 376669
Ion Ratio Lower Upper
106 100
91 204.4 145.9 270.9

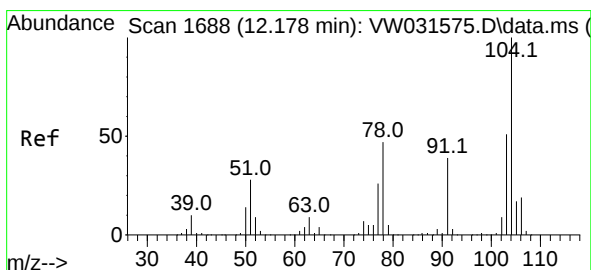
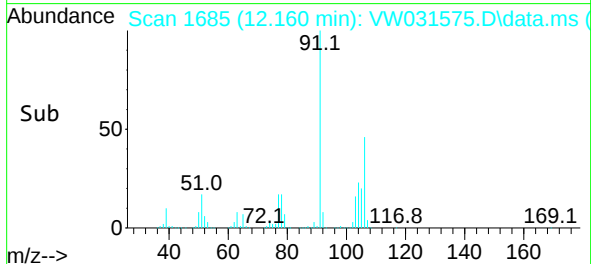
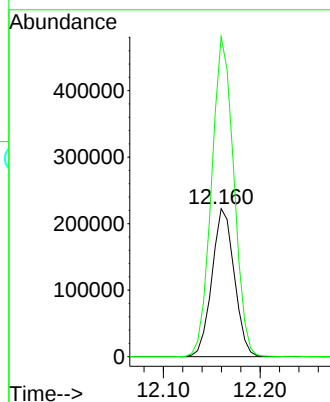
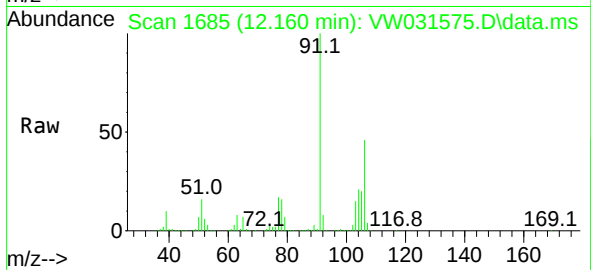




#54
o-Xylene
Concen: 23.212 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

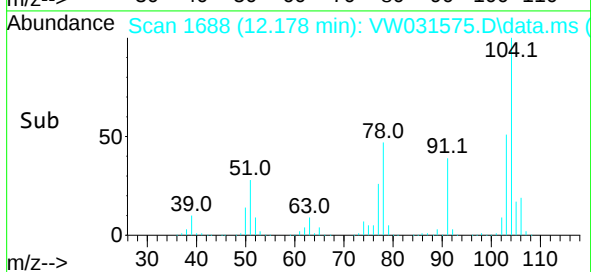
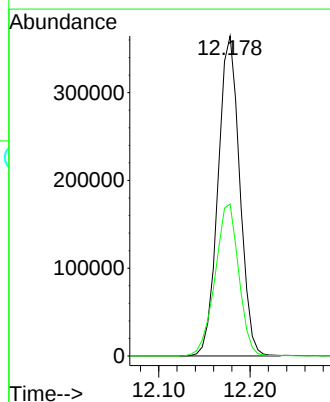
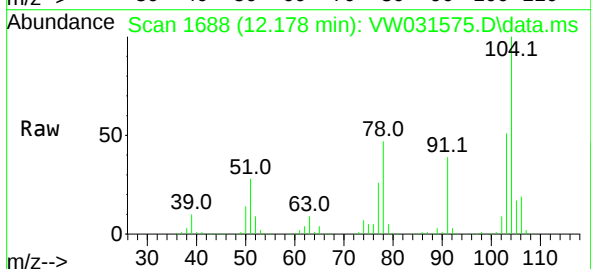
Instrument :
MSVOA_W
ClientSampleId :

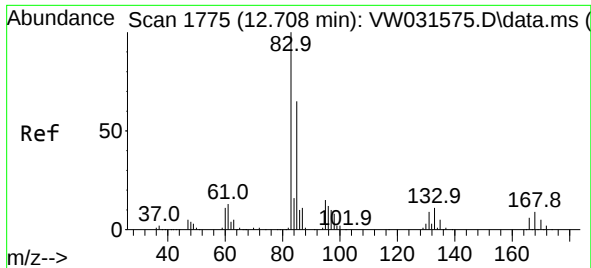
Tgt Ion:106 Resp: 356534
Ion Ratio Lower Upper
106 100
91 216.3 152.9 284.1



#55
Styrene
Concen: 23.484 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:104 Resp: 600210
Ion Ratio Lower Upper
104 100
78 47.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.880 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :

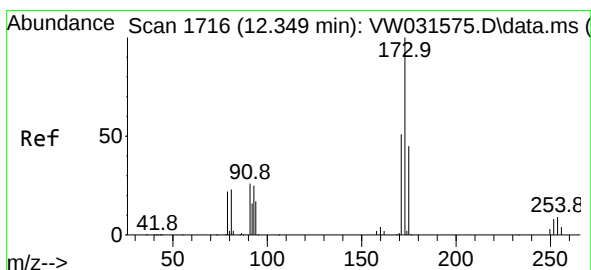
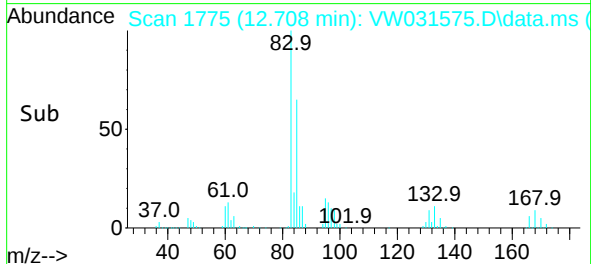
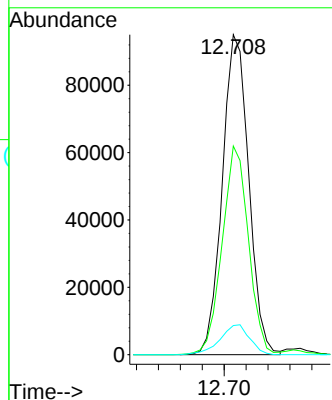
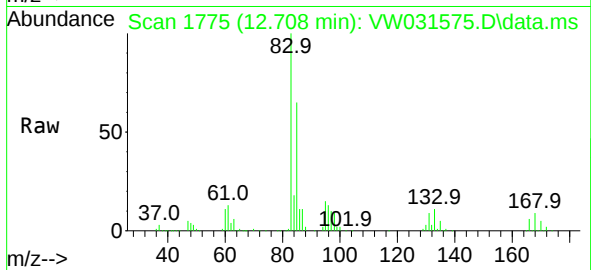
Tgt Ion: 83 Resp: 159176

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9

131 9.1 7.4 11.0



#59

Bromoform

Concen: 25.261 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

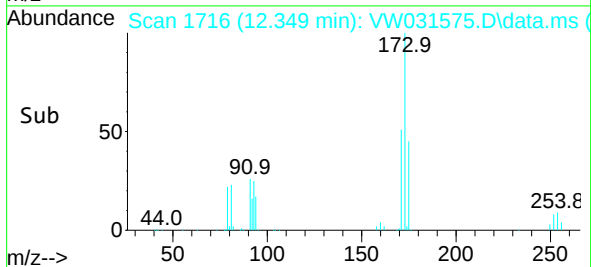
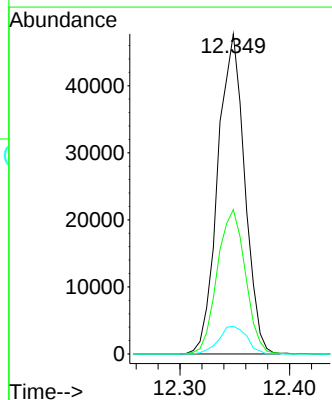
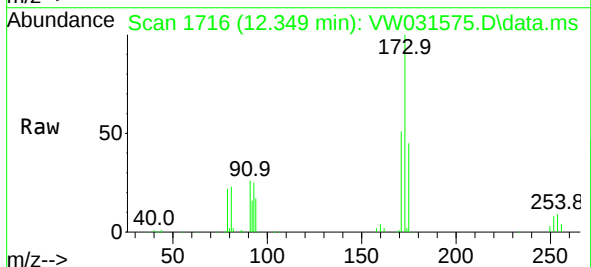
Tgt Ion:173 Resp: 81133

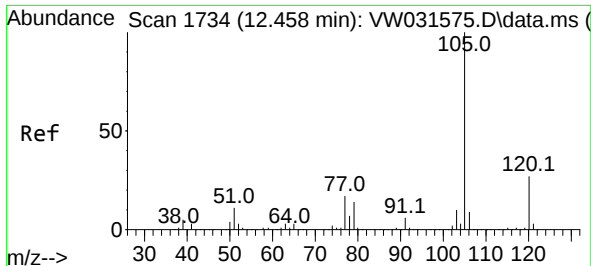
Ion Ratio Lower Upper

173 100

175 47.1 37.7 56.5

254 9.0 7.1 10.7

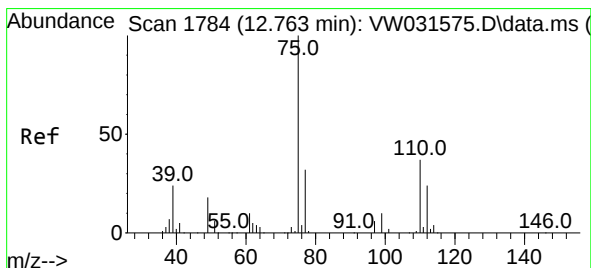
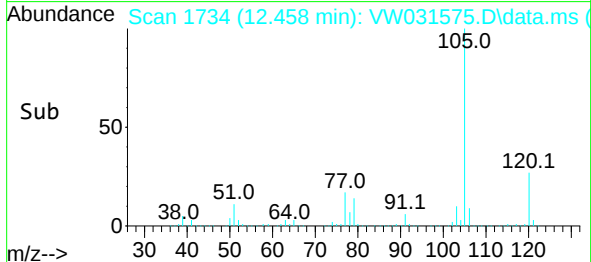
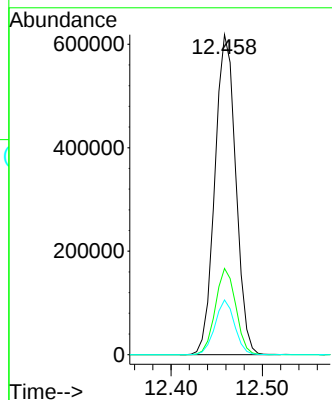
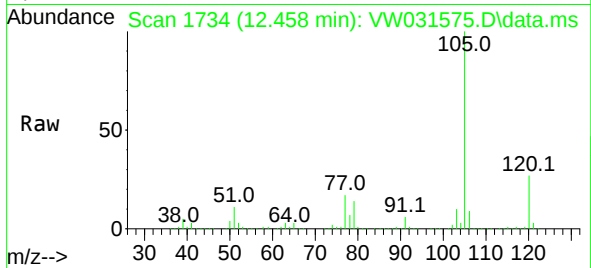




#60
Isopropylbenzene
Concen: 23.366 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

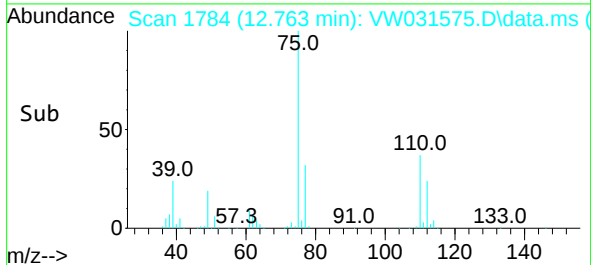
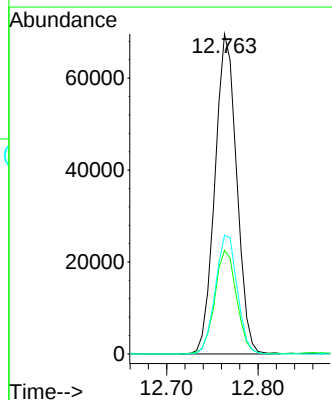
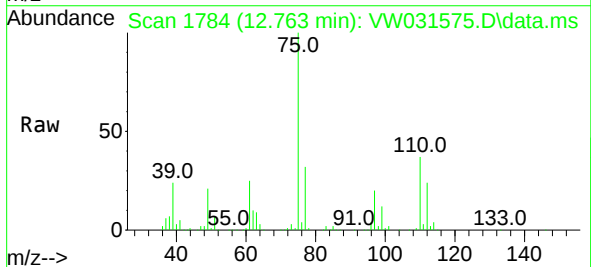
Instrument :
MSVOA_W
ClientSampleId :

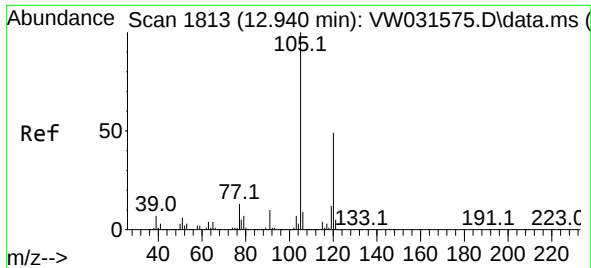
Tgt Ion:105 Resp: 983910
Ion Ratio Lower Upper
105 100
120 26.3 20.1 30.1
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.450 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion: 75 Resp: 115201
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 37.4 29.6 44.4

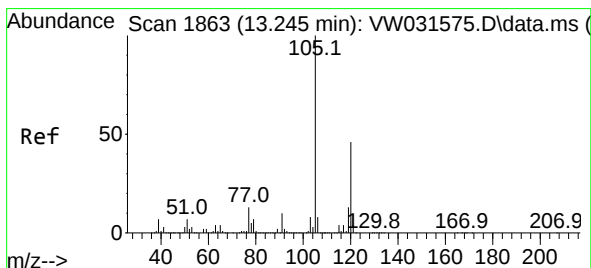
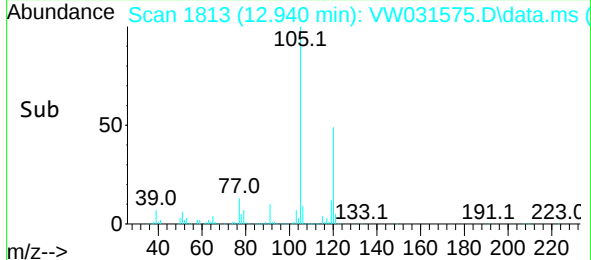
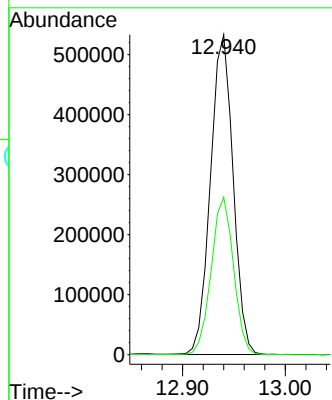
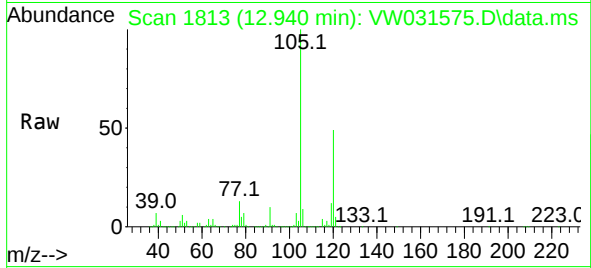




#62
1,3,5-Trimethylbenzene
Concen: 23.486 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

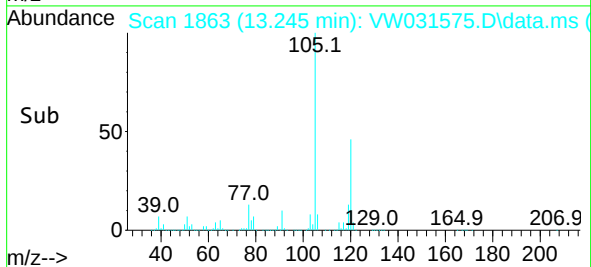
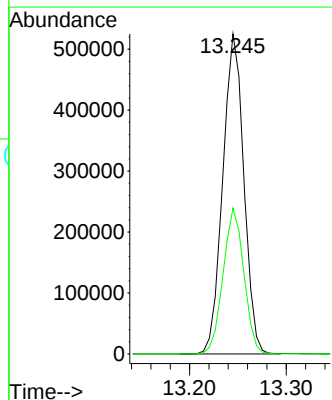
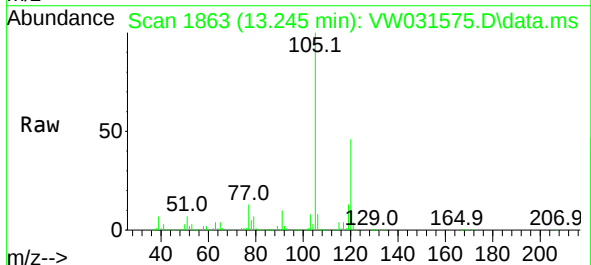
Instrument :
MSVOA_W
ClientSampleId :

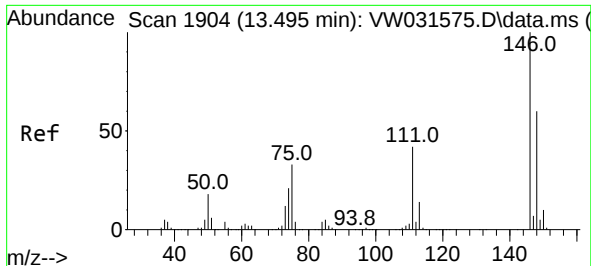
Tgt Ion:105 Resp: 814321
Ion Ratio Lower Upper
105 100
120 48.5 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 23.486 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031575.D
Acq: 20 Jan 2025 10:16

Tgt Ion:105 Resp: 792567
Ion Ratio Lower Upper
105 100
120 44.9 36.3 54.5

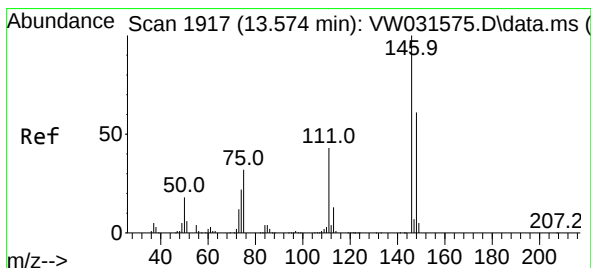
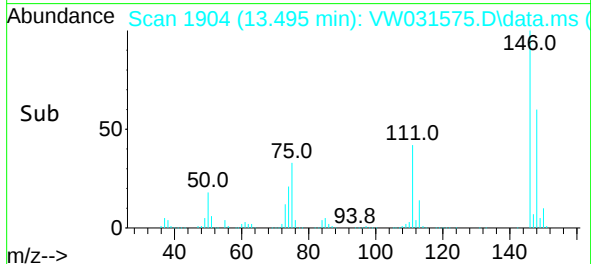
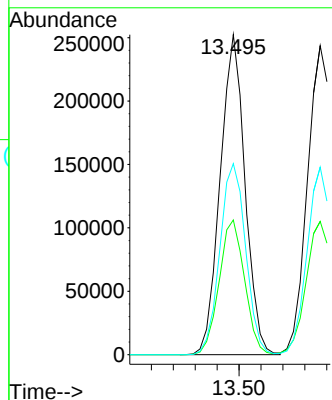
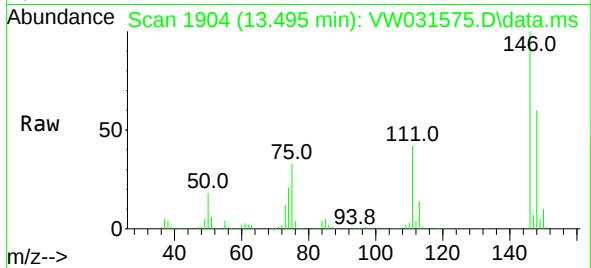




#64
 1,3-Dichlorobenzene
 Concen: 23.765 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

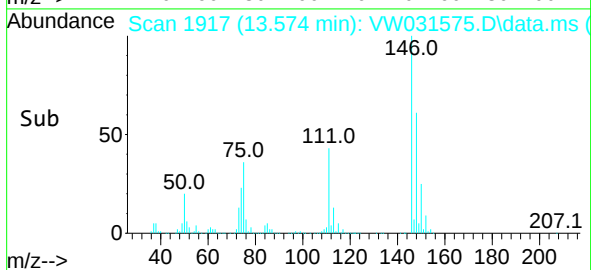
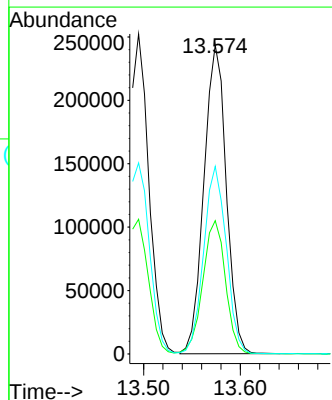
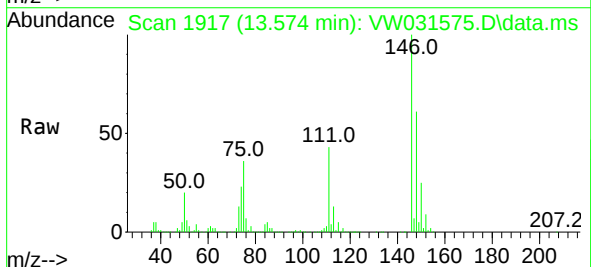
Instrument :
 MSVOA_W
 ClientSampleId :

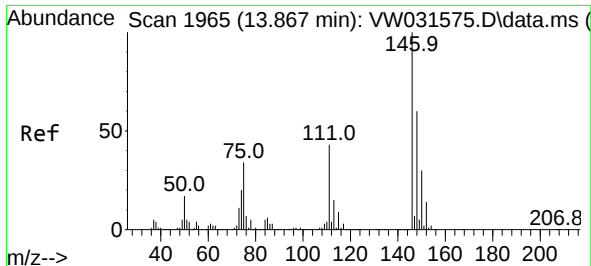
Tgt Ion:146 Resp: 396897
 Ion Ratio Lower Upper
 146 100
 111 42.1 30.4 56.5
 148 59.7 42.1 78.1



#65
 1,4-Dichlorobenzene
 Concen: 23.737 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Tgt Ion:146 Resp: 392077
 Ion Ratio Lower Upper
 146 100
 111 43.1 28.5 52.9
 148 60.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 24.319 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

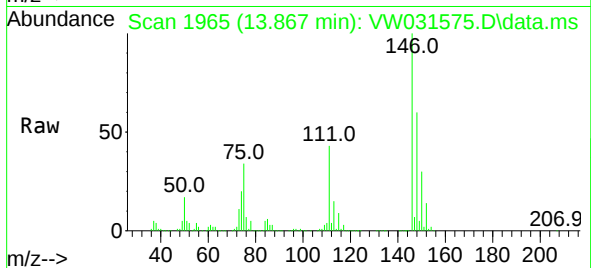
Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :



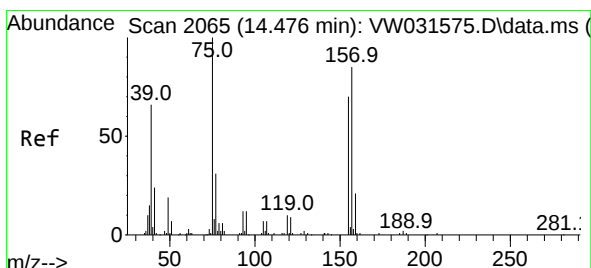
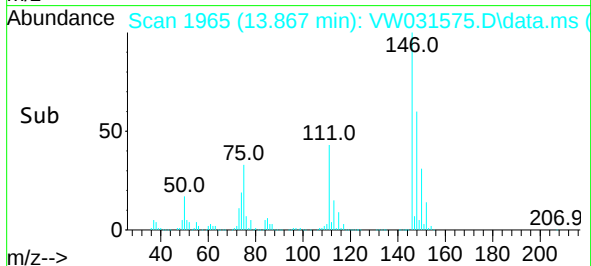
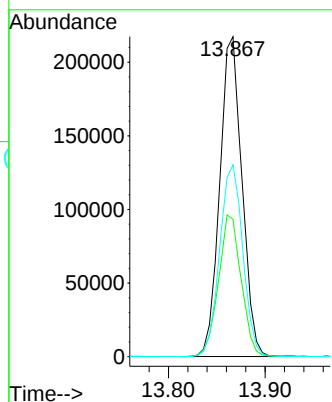
Tgt Ion:146 Resp: 346834

Ion Ratio Lower Upper

146 100

111 43.0 36.6 55.0

148 60.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.226 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

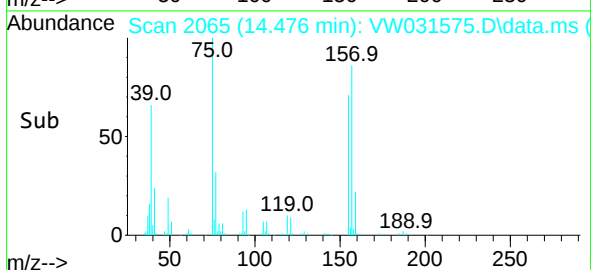
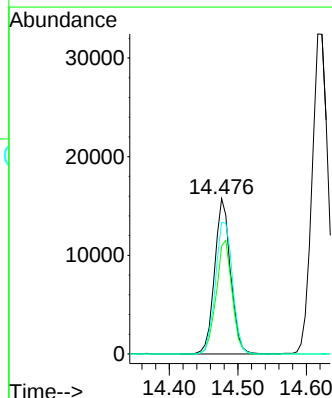
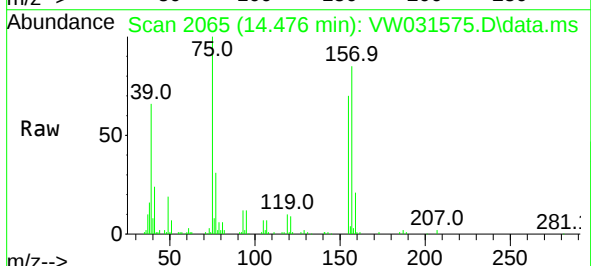
Tgt Ion: 75 Resp: 25528

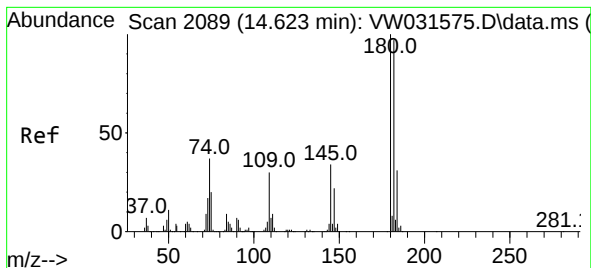
Ion Ratio Lower Upper

75 100

155 69.6 51.0 76.4

157 84.8 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 22.593 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 255698

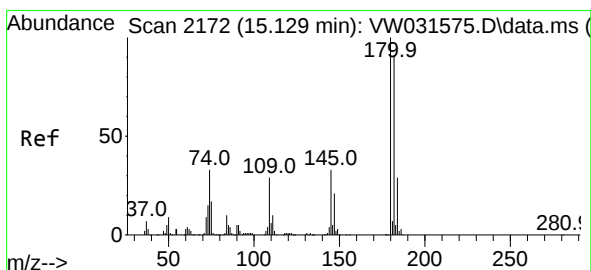
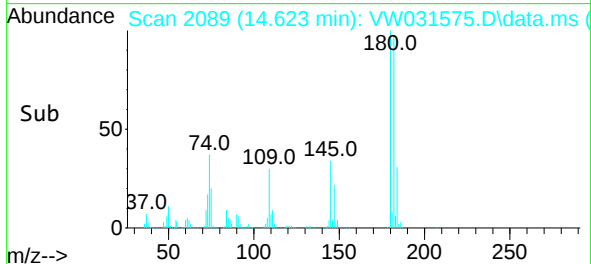
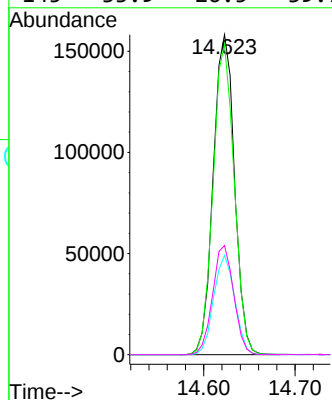
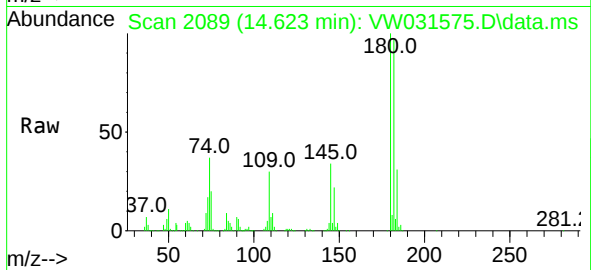
Ion Ratio Lower Upper

180 100

182 96.1 74.2 111.4

184 30.7 23.0 34.4

145 33.9 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.620 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031575.D

Acq: 20 Jan 2025 10:16

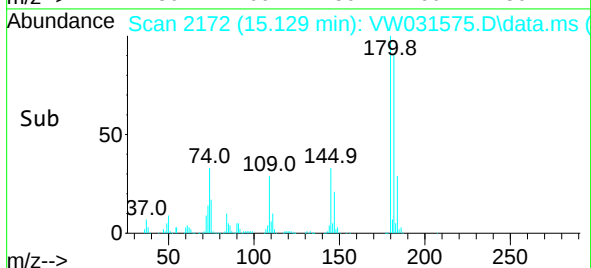
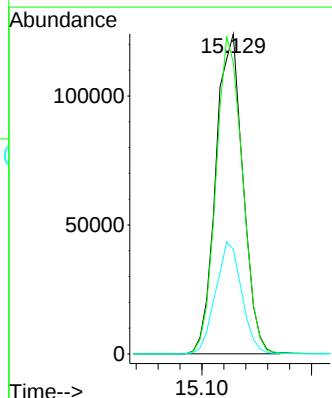
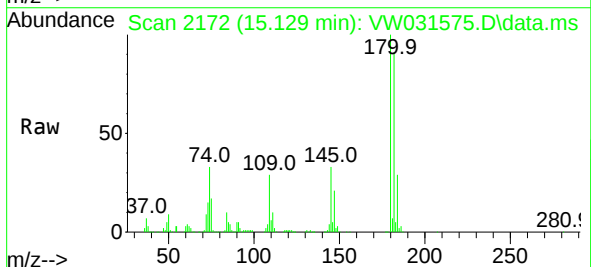
Tgt Ion:180 Resp: 212922

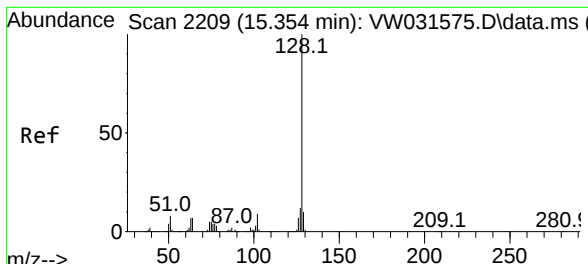
Ion Ratio Lower Upper

180 100

182 97.6 77.7 116.5

145 34.0 26.6 39.8



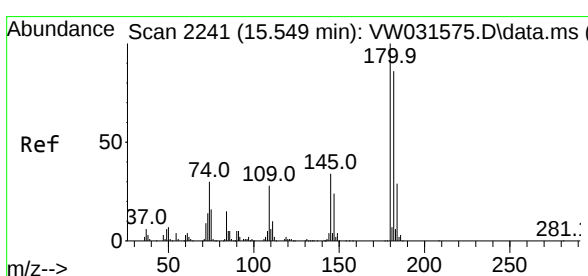
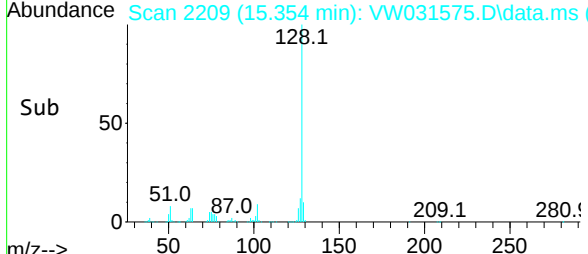
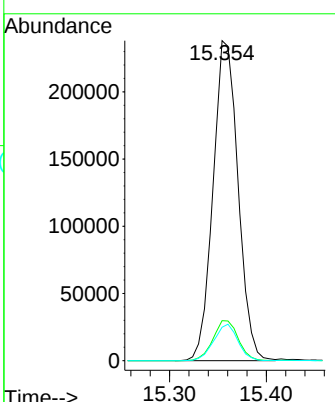
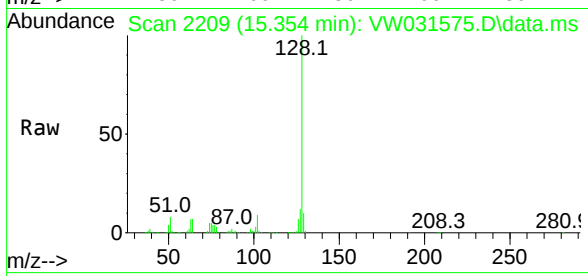


#71
 Naphthalene
 Concen: 25.346 ug/L
 RT: 15.354 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 428432

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.7	13.1



#72
 1,2,3-Trichlorobenzene
 Concen: 23.137 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW031575.D
 Acq: 20 Jan 2025 10:16

Tgt Ion:180 Resp: 175664

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.9	115.3
145	36.4	30.1	45.1

