

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031569.D
 Acq On : 17 Jan 2025 12:39
 Operator : SY/MD
 Sample : Q1108-03MS
 Misc : 2.11g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

Quant Time: Jan 18 00:38:51 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	1103169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	940773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	434427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	353008	20.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
7) Chloroethane-d5	2.899	69	242198	19.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	4.021	65	160853	20.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.520%
21) 2-Butanone-d5	7.087	46	120014	43.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.260%
24) Chloroform-d	7.648	84	596650	20.898	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.307	65	296092	21.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.280%
32) Benzene-d6	8.270	84	1254084	21.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.270	67	365194	20.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.720%
41) Toluene-d8	10.318	98	1143466	21.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.760%
43) trans-1,3-Dichloroprop...	10.575	79	154348	21.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.160%
47) 2-Hexanone-d5	10.922	63	82308	46.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231885	21.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	316643	20.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	227538	15.858	ug/L	96
3) Chloromethane	2.222	50	210266	14.139	ug/L	97
5) Vinyl chloride	2.375	62	297908	15.705	ug/L	99
6) Bromomethane	2.789	94	166897	15.053	ug/L	97
8) Chloroethane	2.936	64	169015	15.158	ug/L	97
9) Trichlorofluoromethane	3.265	101	284584	15.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	245280	16.998	ug/L #	64
12) 1,1-Dichloroethene	4.039	96	244827	16.678	ug/L	85
13) Acetone	4.155	43	71754m	33.504	ug/L	
14) Carbon disulfide	4.387	76	792500	16.027	ug/L	100
15) Methyl Acetate	4.679	43	92495	16.486	ug/L #	74
16) Methylene chloride	4.923	84	242749	16.157	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	266478	16.902	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	427030	16.891	ug/L	99
19) 1,1-Dichloroethane	6.216	63	502160	16.929	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	285196	16.942	ug/L	98
22) 2-Butanone	7.179	43	118511	32.401	ug/L	99
23) Bromochloromethane	7.514	128	114137	17.313	ug/L	97
25) Chloroform	7.673	83	476207	16.878	ug/L	99

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 Response via : Initial Calibration

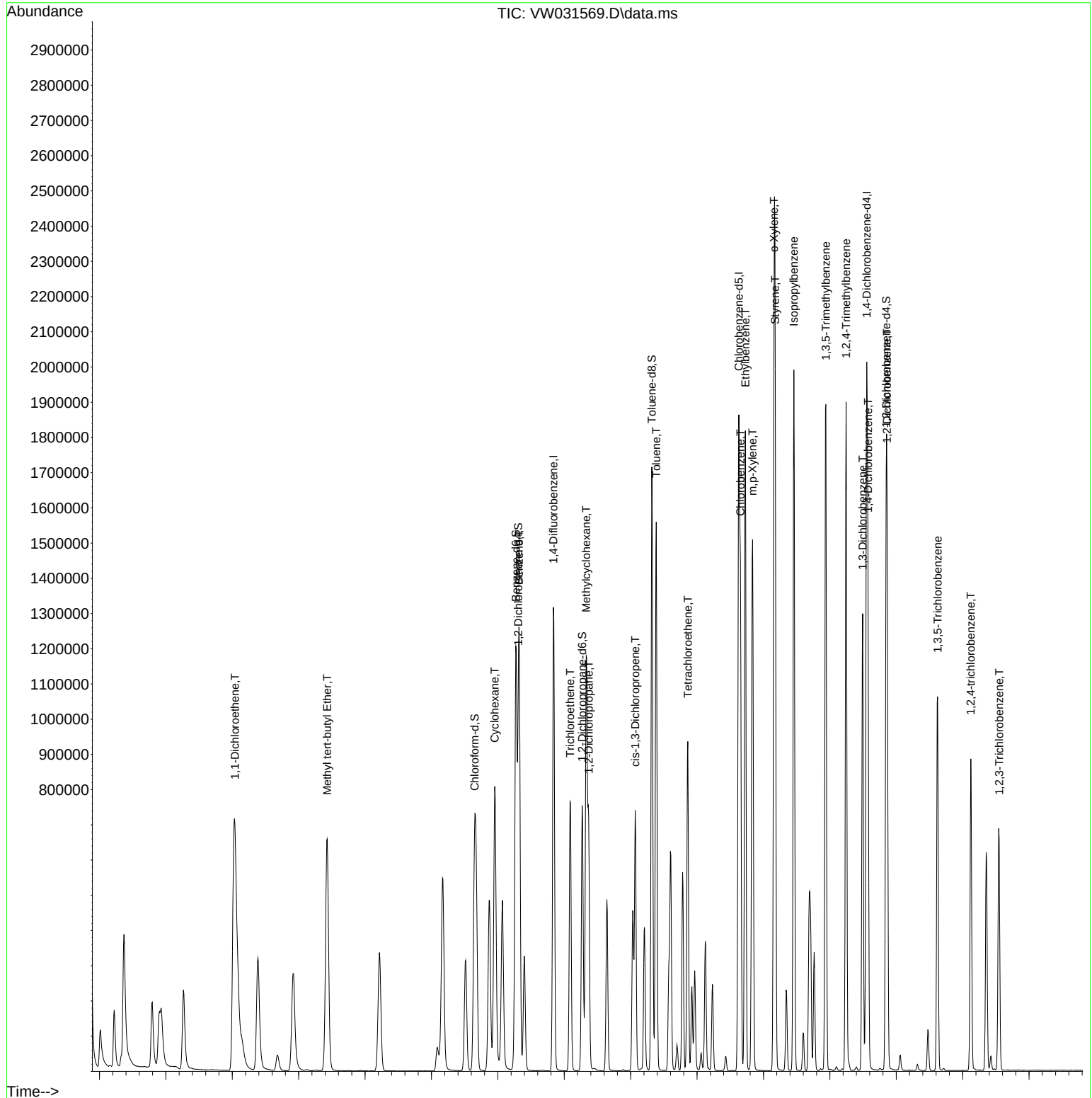
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296574	17.066	ug/L	100
29) Cyclohexane	7.953	56	499613	16.569	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	409798	16.780	ug/L	99
31) Carbon tetrachloride	8.069	117	361390	16.690	ug/L	99
33) Benzene	8.319	78	1072094	16.651	ug/L	100
34) Trichloroethene	9.087	95	287322	16.598	ug/L	98
35) Methylcyclohexane	9.331	83	498735	16.070	ug/L	99
37) 1,2-Dichloropropane	9.367	63	272735	16.853	ug/L	99
38) Bromodichloromethane	9.642	83	330873	16.903	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	440261	17.294	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	272591	33.746	ug/L	99
42) Toluene	10.386	91	1134416	16.855	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	354502	17.421	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	179716	17.325	ug/L	96
46) Tetrachloroethene	10.861	164	203198	16.358	ug/L	91
48) 2-Hexanone	10.965	43	177241	35.906	ug/L	99
49) Dibromochloromethane	11.129	129	198249	17.370	ug/L	98
50) 1,2-Dibromoethane	11.233	107	168513	17.528	ug/L	95
51) Chlorobenzene	11.654	112	701208	16.872	ug/L	97
52) Ethylbenzene	11.727	91	1293260	16.746	ug/L	98
53) m,p-Xylene	11.836	106	487451	16.554	ug/L	96
54) o-Xylene	12.160	106	459329	16.785	ug/L	99
55) Styrene	12.178	104	774434	17.008	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	195938	17.191	ug/L	99
59) Bromoform	12.342	173	103424	17.867	ug/L	100
60) Isopropylbenzene	12.458	105	1301197	17.146	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	142892	17.515	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1046563	16.748	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1029103	16.920	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	509746	16.935	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	491743	16.518	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	443368	17.249	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31842	17.458	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	304507	14.928	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	271268	16.696	ug/L	95
71) Naphthalene	15.354	128	532749	17.487	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225987	16.515	ug/L	96

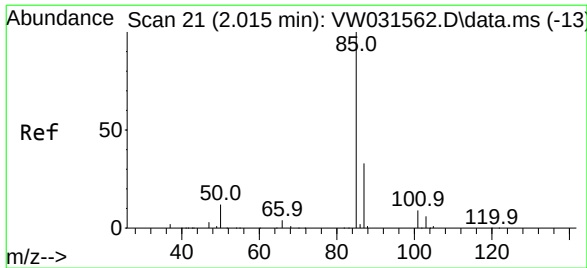
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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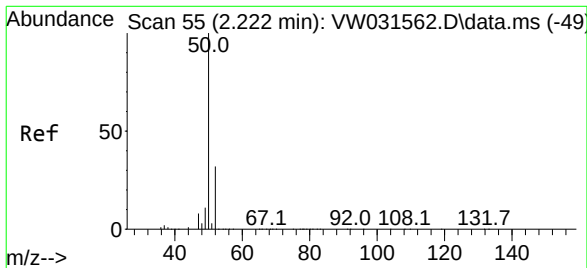
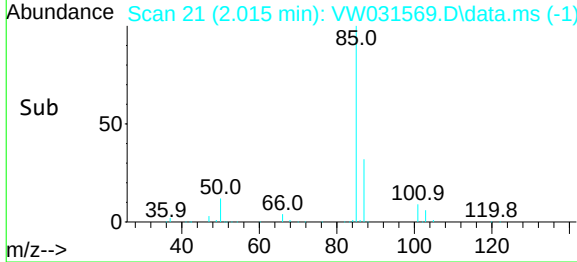
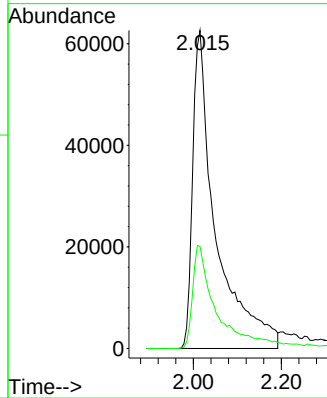
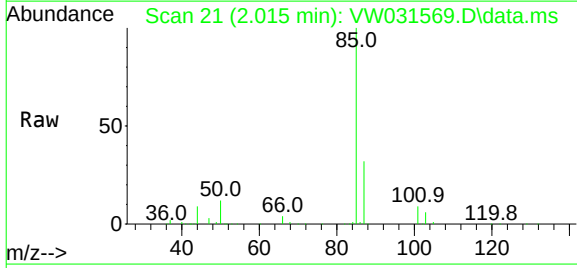




#2
 Dichlorodifluoromethane
 Concen: 15.858 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

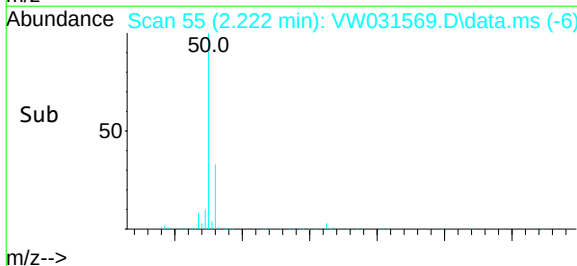
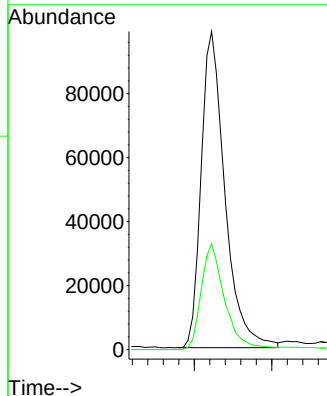
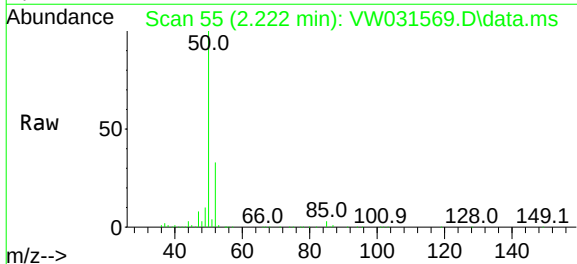
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

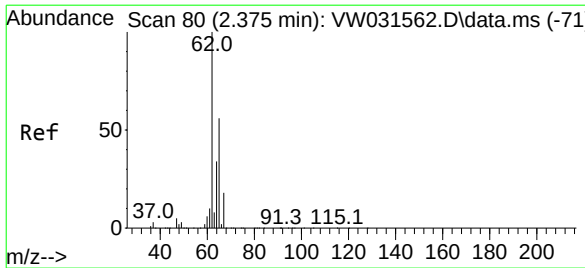
Tgt Ion: 85 Resp: 227538
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.0 37.4



#3
 Chloromethane
 Concen: 14.139 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

Tgt Ion: 50 Resp: 210266
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.3 41.3

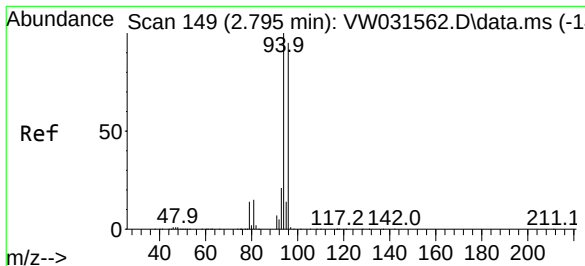
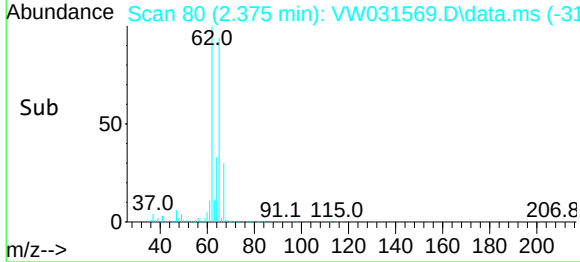
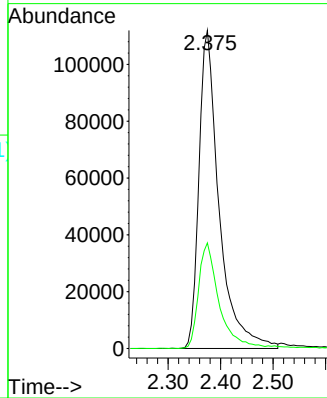
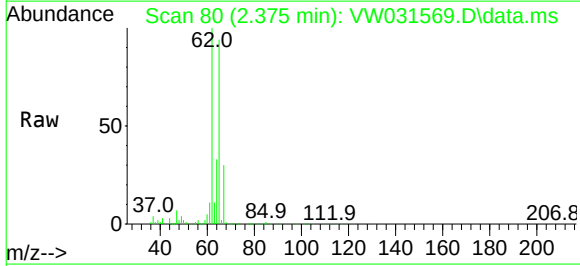




#5
 Vinyl chloride
 Concen: 15.705 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

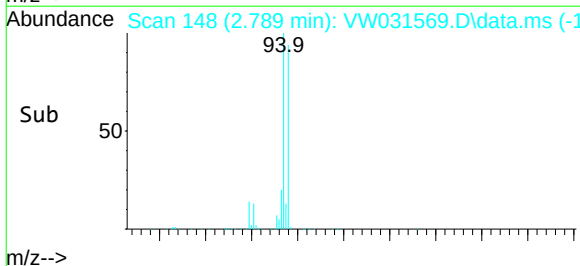
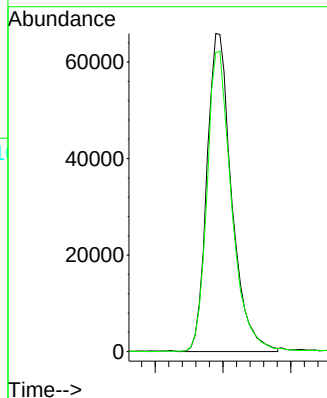
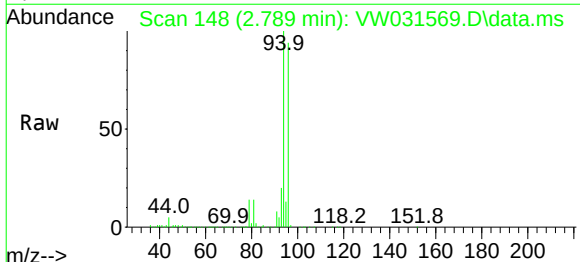
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

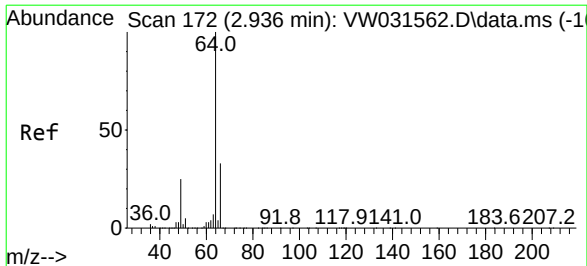
Tgt Ion: 62 Resp: 297908
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 15.053 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

Tgt Ion: 94 Resp: 166897
 Ion Ratio Lower Upper
 94 100
 96 94.0 67.6 125.6

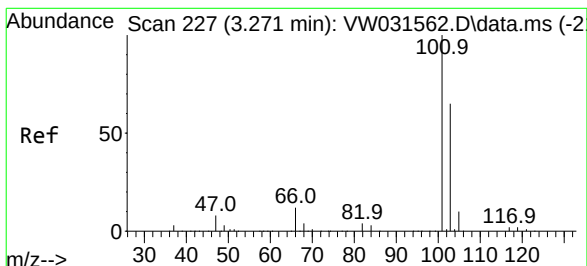
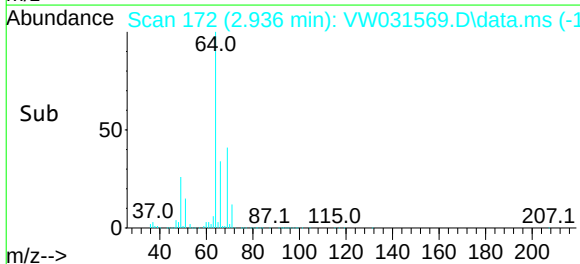
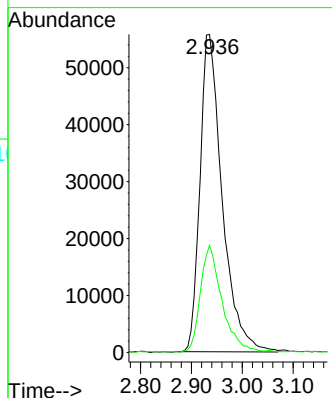
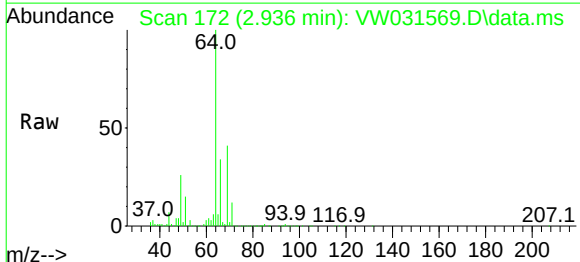




#8
Chloroethane
Concen: 15.158 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

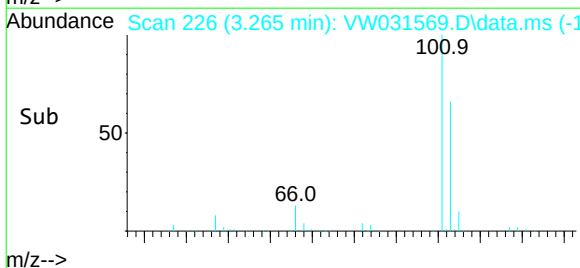
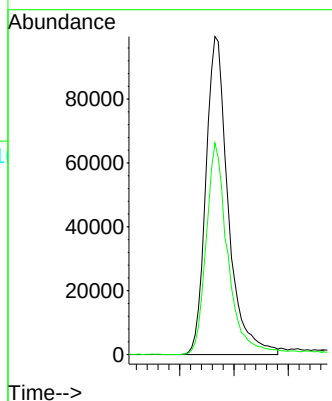
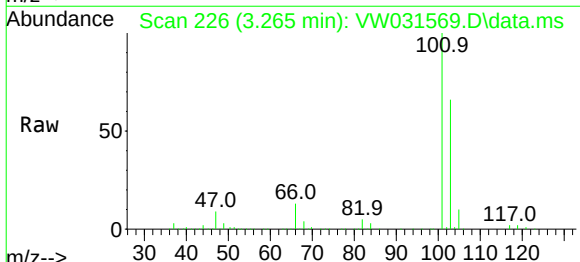
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

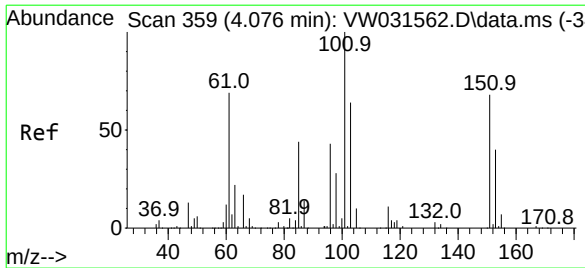
Tgt Ion: 64 Resp: 169015
Ion Ratio Lower Upper
64 100
66 33.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 15.101 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 101 Resp: 284584
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2





#10

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

Concen: 16.998 ug/L

RT: 4.070 min Scan# 35

Delta R.T. -0.006 min

Lab File: VW031569.D

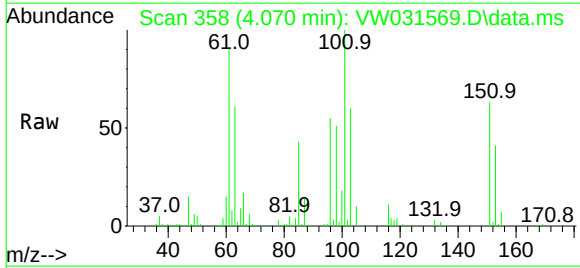
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Instrument :

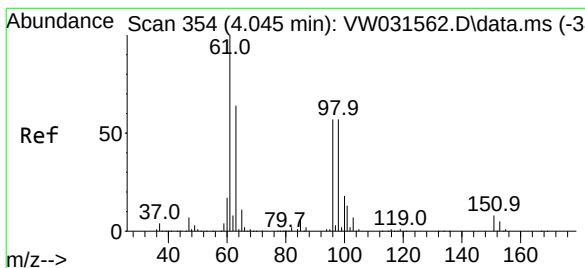
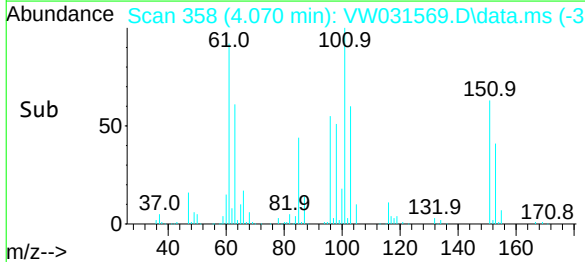
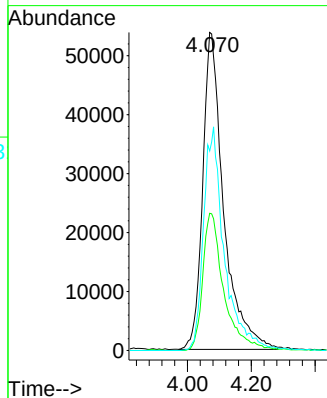
MSVOA_W

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Tgt Ion:	101	Resp:	245280
Ion	Ratio	Lower	Upper
101	100		
85	42.3	36.1	54.1
151	24.0	56.9	85.3



#12

1,1-Dichloroethene

Concen: 16.678 ug/L

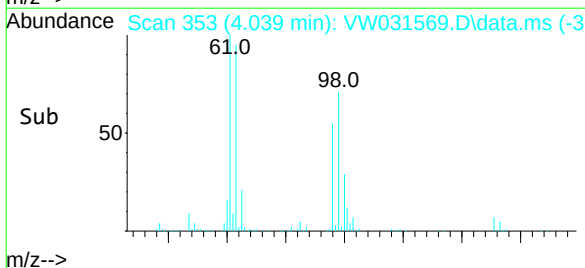
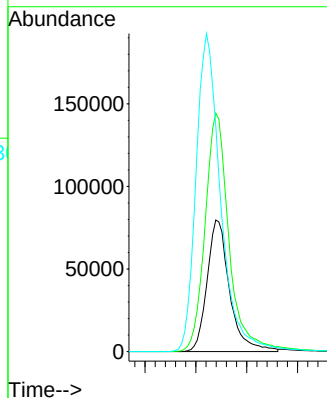
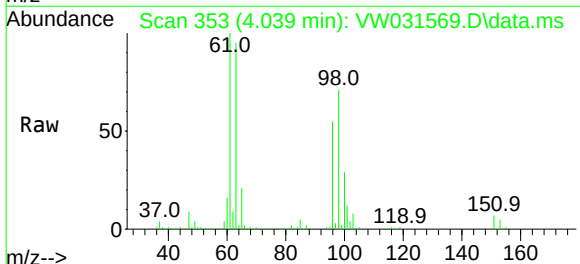
RT: 4.039 min Scan# 353

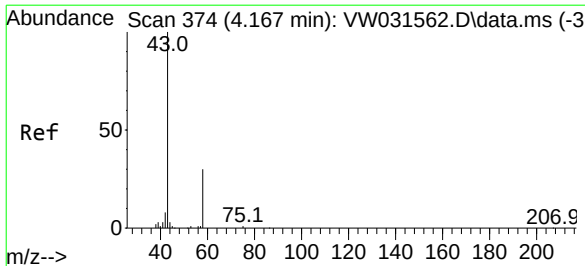
Delta R.T. -0.006 min

Lab File: VW031569.D

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Tgt Ion:	96	Resp:	244827
Ion	Ratio	Lower	Upper
96	100		
61	181.2	123.8	230.0
63	171.6	94.1	174.8





#13

Acetone

Concen: 33.504 ug/L m

RT: 4.155 min Scan# 37

Delta R.T. -0.012 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

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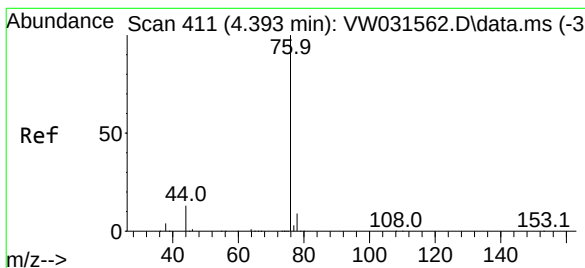
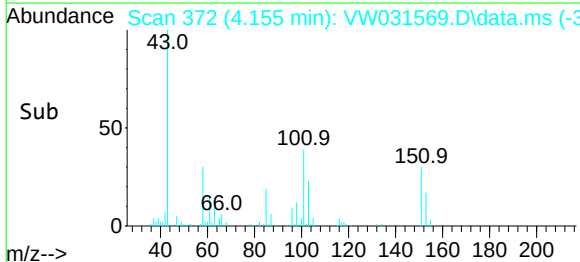
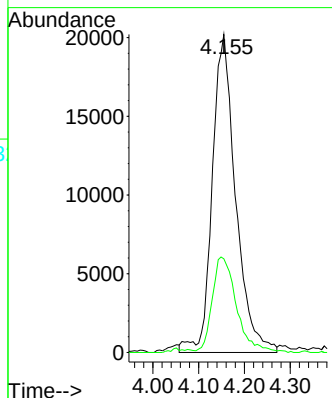
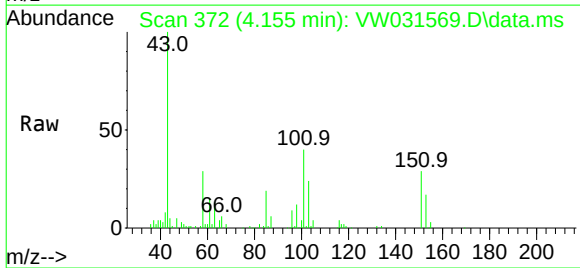
YE8F7MS

Tgt Ion: 43 Resp: 71754

Ion Ratio Lower Upper

43 100

58 0.2 0.0 28.2



#14

Carbon disulfide

Concen: 16.027 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW031569.D

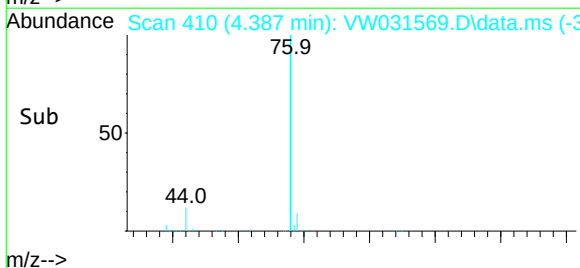
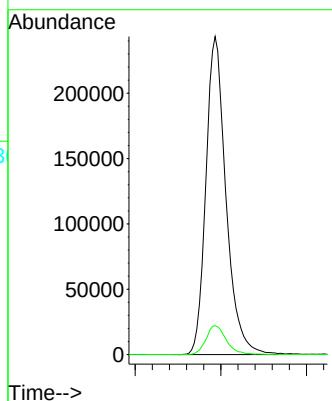
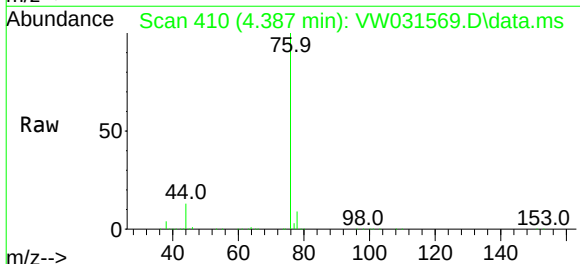
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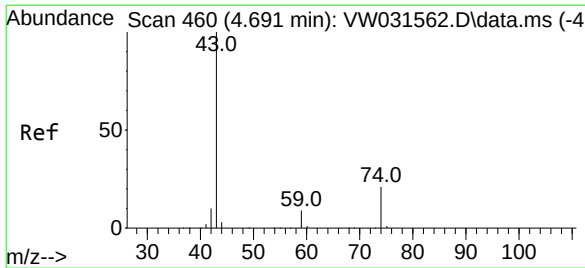
Tgt Ion: 76 Resp: 792500

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 16.486 ug/L

RT: 4.679 min Scan# 45

Delta R.T. -0.012 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

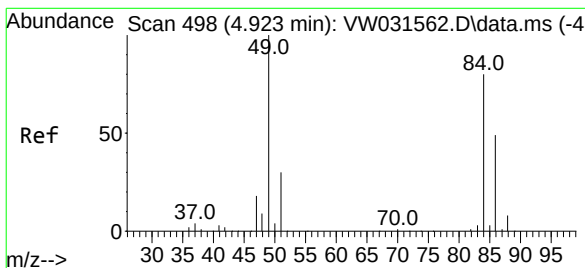
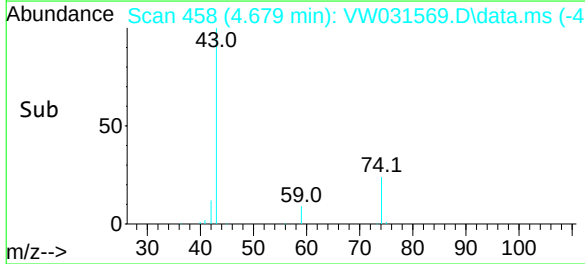
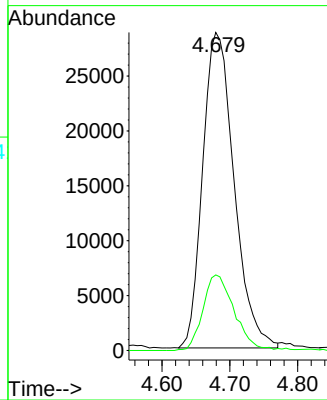
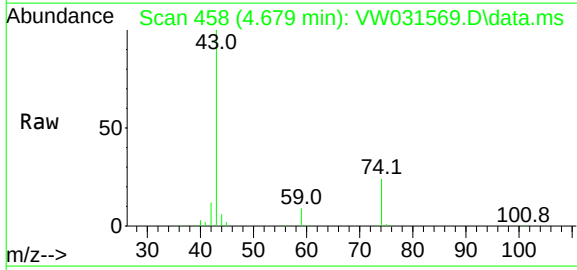
YE8F7MS

Tgt Ion: 43 Resp: 92495

Ion Ratio Lower Upper

43 100

74 23.5 10.6 15.8#



#16

Methylene chloride

Concen: 16.157 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

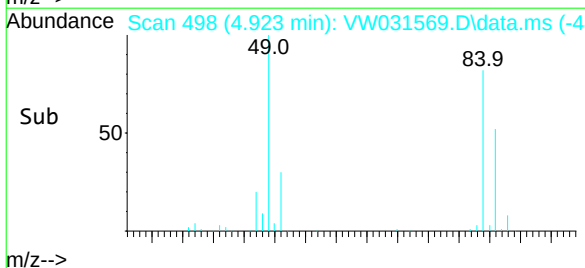
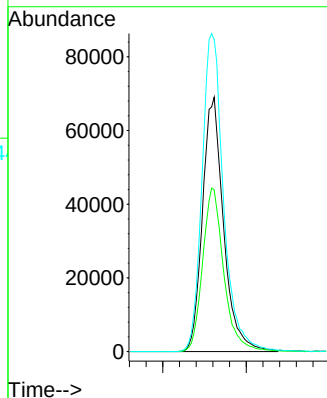
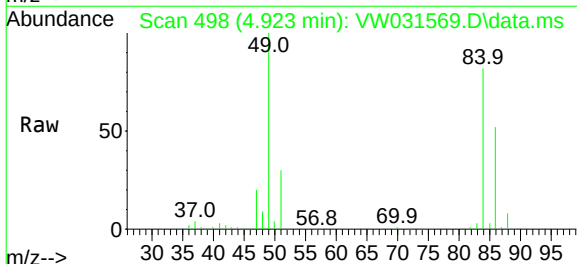
Tgt Ion: 84 Resp: 242749

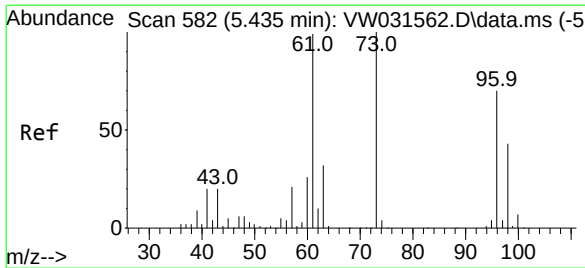
Ion Ratio Lower Upper

84 100

86 63.5 47.0 87.2

49 122.6 89.8 166.8

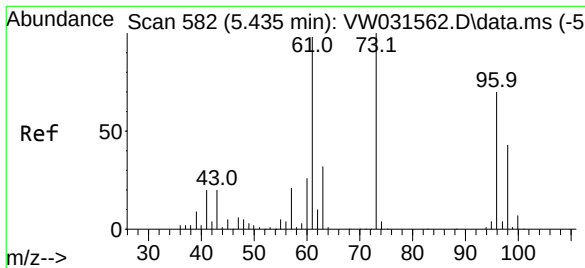
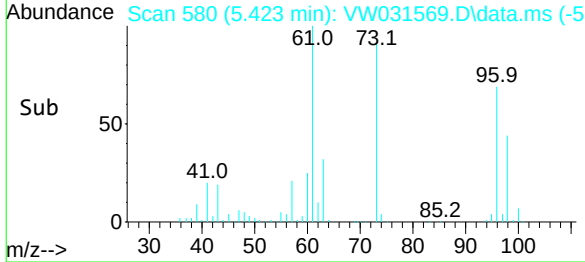
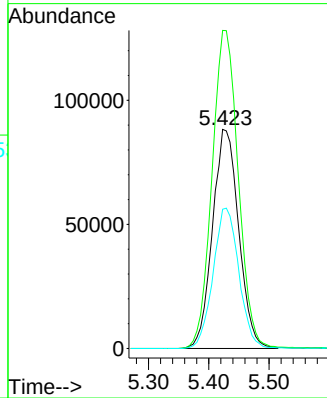
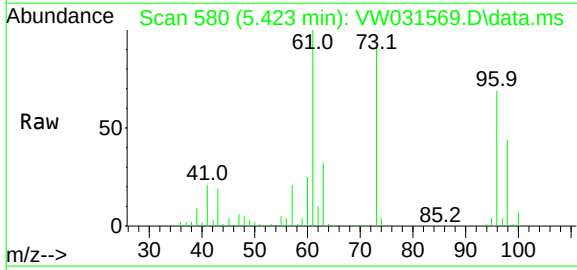




#17
trans-1,2-Dichloroethene
Concen: 16.902 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

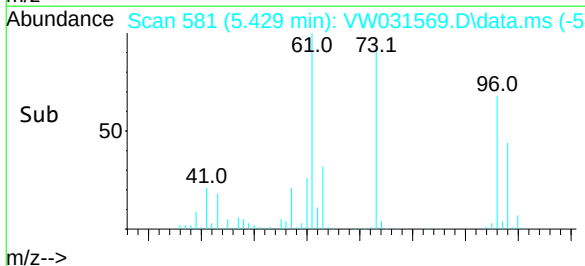
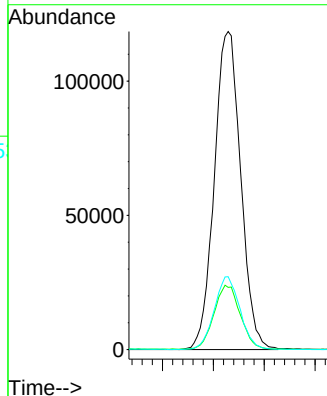
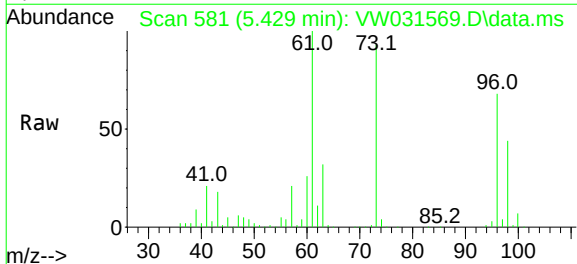
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

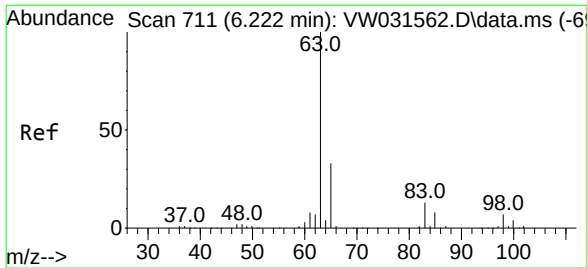
Tgt Ion: 96 Resp: 266478
Ion Ratio Lower Upper
96 100
61 145.2 105.1 195.1
98 63.6 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 16.891 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 73 Resp: 427030
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6
57 22.3 18.2 27.2





#19

1,1-Dichloroethane

Concen: 16.929 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MS

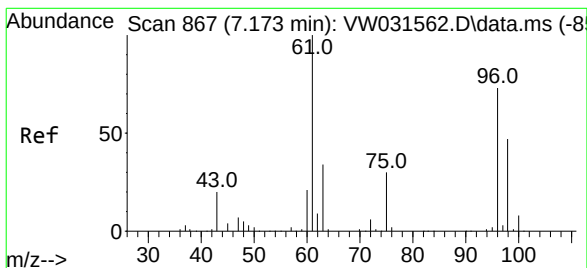
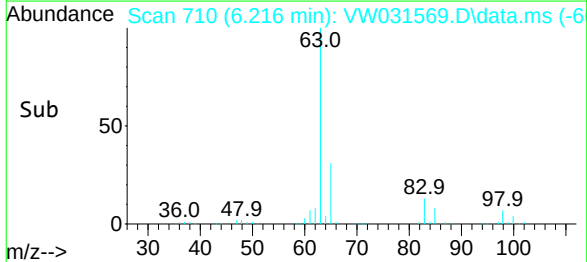
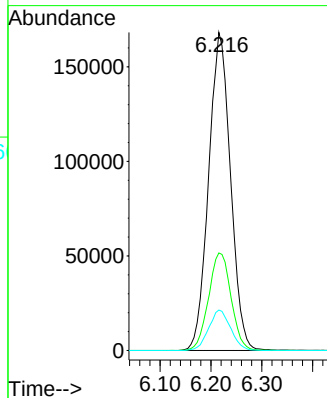
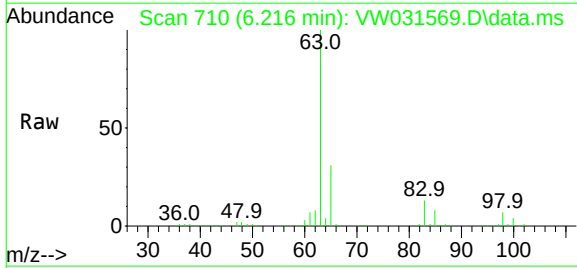
Tgt Ion: 63 Resp: 502160

Ion Ratio Lower Upper

63 100

65 30.7 22.0 41.0

83 12.7 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 16.942 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

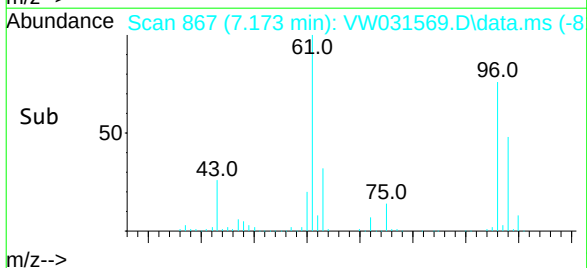
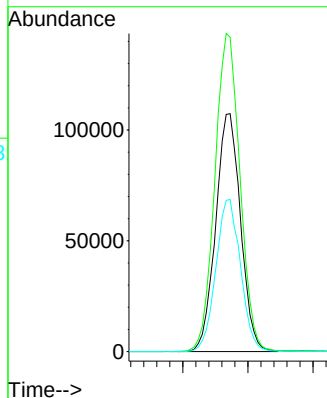
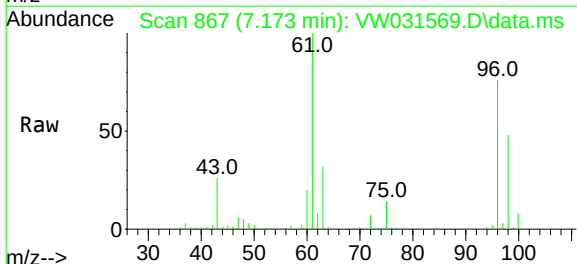
Tgt Ion: 96 Resp: 285196

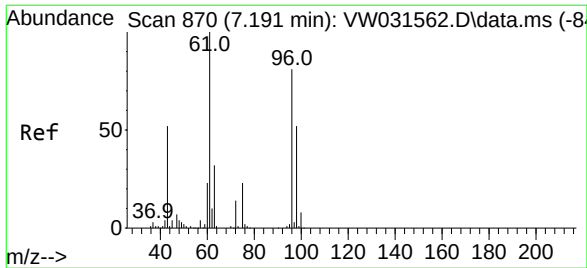
Ion Ratio Lower Upper

96 100

61 132.1 94.8 176.2

98 63.9 45.6 84.8

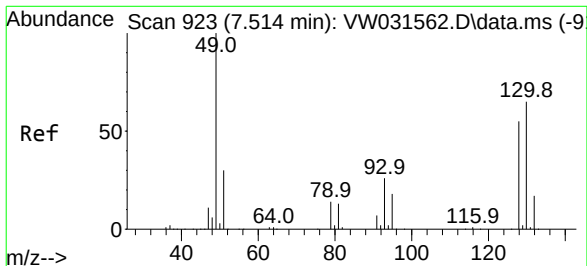
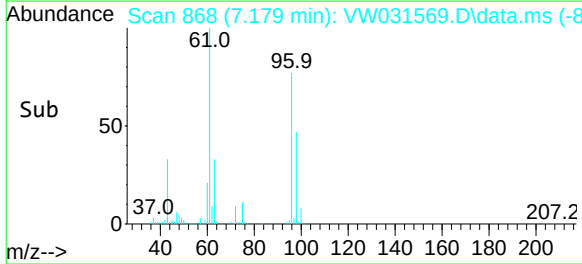
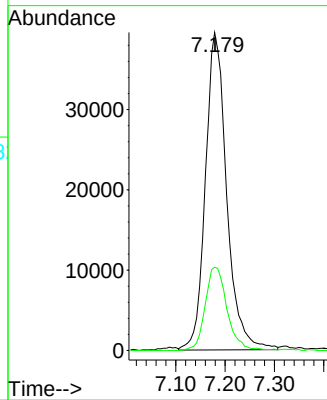
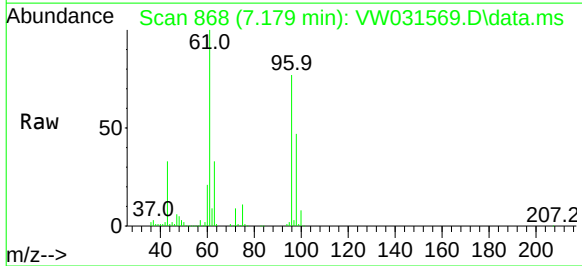




#22
2-Butanone
Concen: 32.401 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

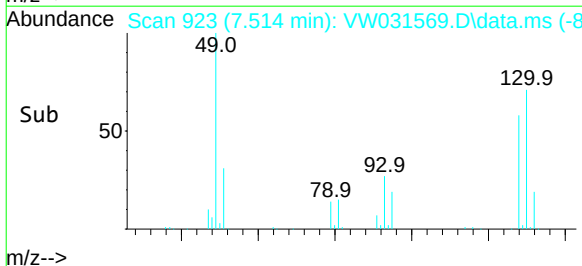
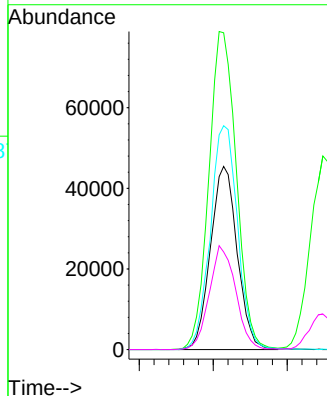
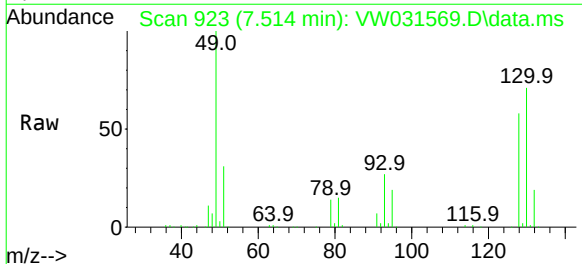
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

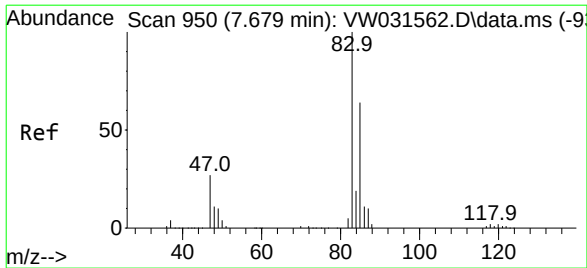
Tgt Ion: 43 Resp: 118511
Ion Ratio Lower Upper
43 100
72 26.7 13.2 39.5



#23
Bromochloromethane
Concen: 17.313 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 128 Resp: 114137
Ion Ratio Lower Upper
128 100
49 172.9 123.9 230.1
130 122.2 88.1 163.7
51 53.3 42.5 63.7





#25

Chloroform

Concen: 16.878 ug/L

RT: 7.673 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

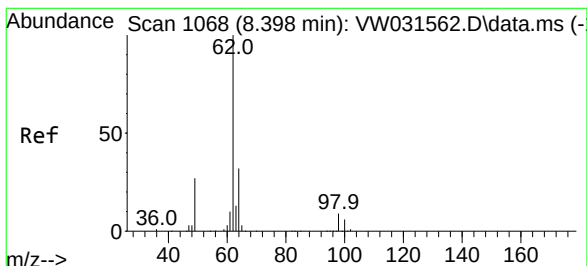
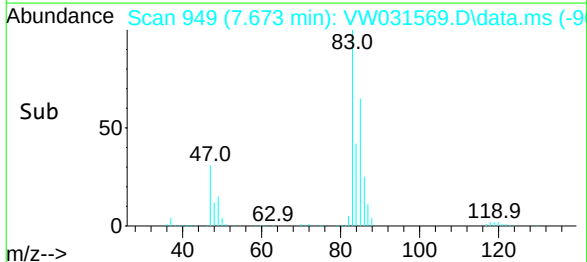
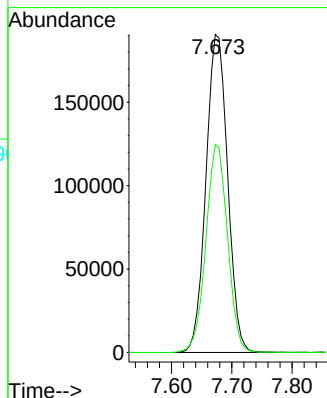
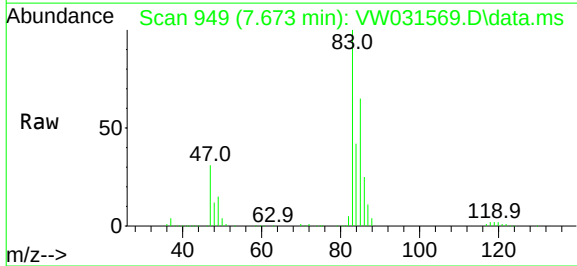
YE8F7MS

Tgt Ion: 83 Resp: 476207

Ion Ratio Lower Upper

83 100

85 65.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 17.066 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031569.D

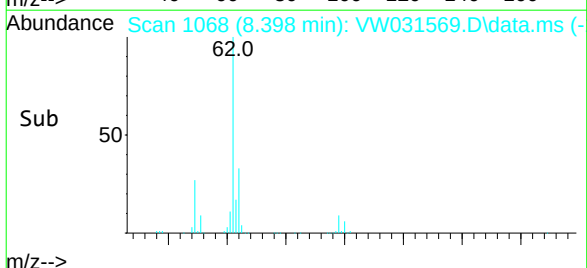
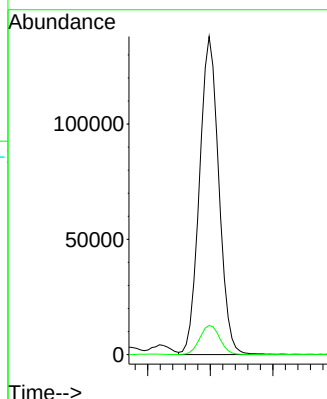
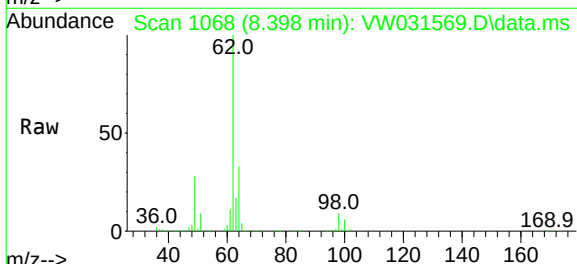
Acq: 17 Jan 2025 12:39

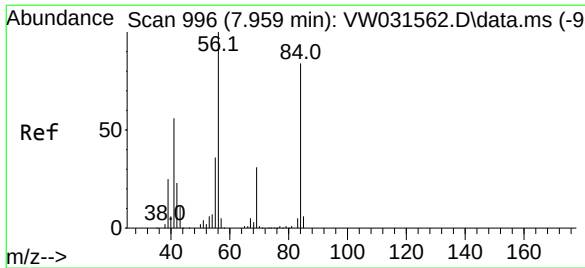
Tgt Ion: 62 Resp: 296574

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9





#29

Cyclohexane

Concen: 16.569 ug/L

RT: 7.953 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MS

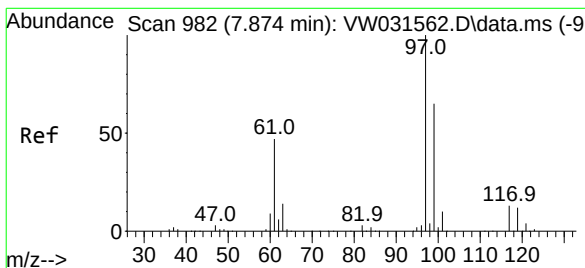
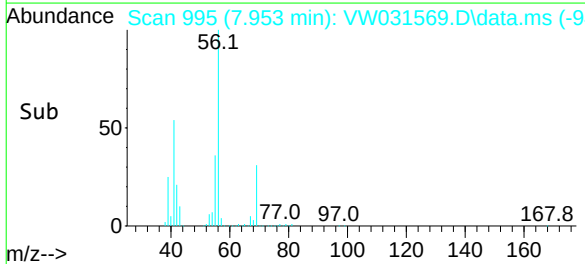
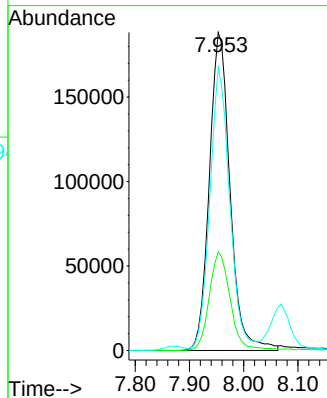
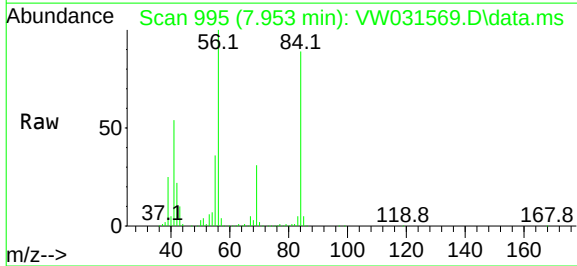
Tgt Ion: 56 Resp: 499613

Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 85.6 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 16.780 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

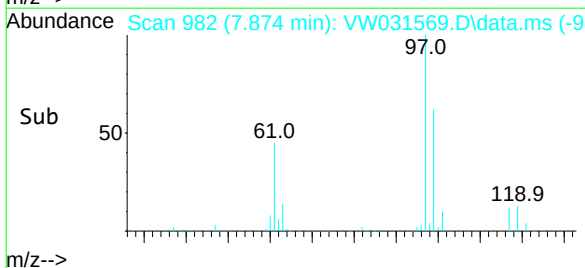
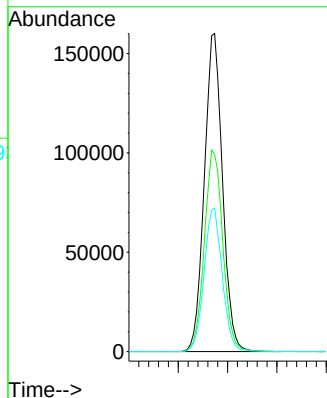
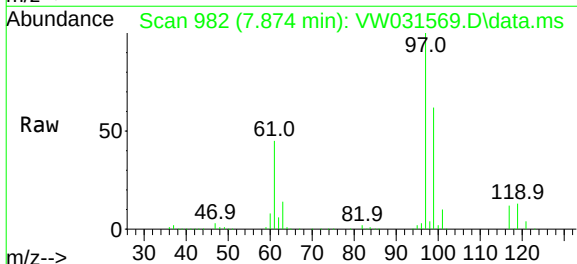
Tgt Ion: 97 Resp: 409798

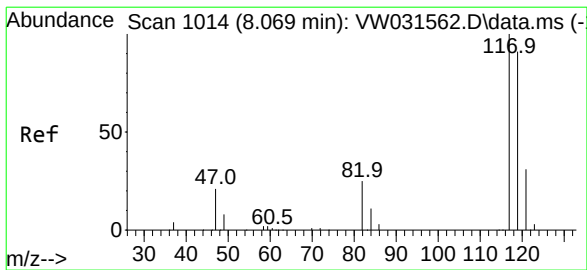
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

61 45.2 36.9 55.3





#31

Carbon tetrachloride

Concen: 16.690 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

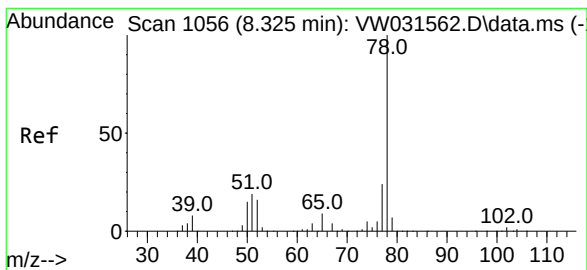
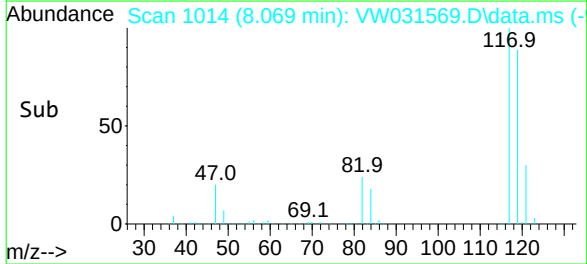
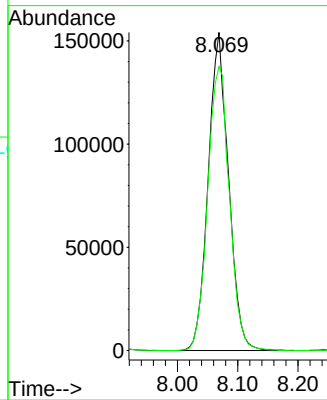
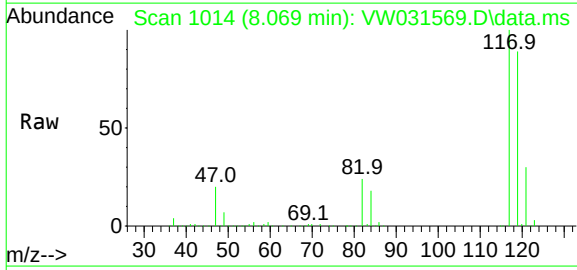
YE8F7MS

Tgt Ion:117 Resp: 361390

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0



#33

Benzene

Concen: 16.651 ug/L

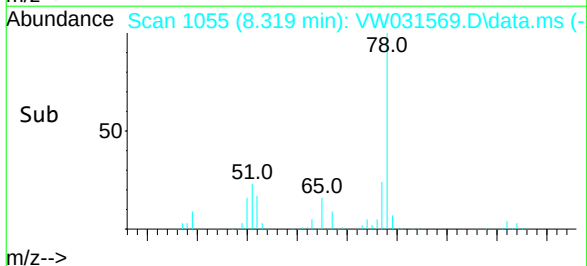
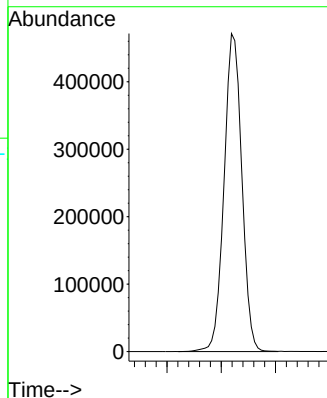
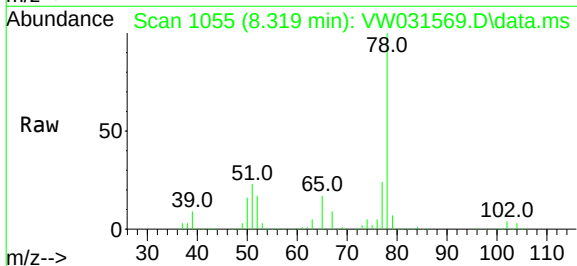
RT: 8.319 min Scan# 1055

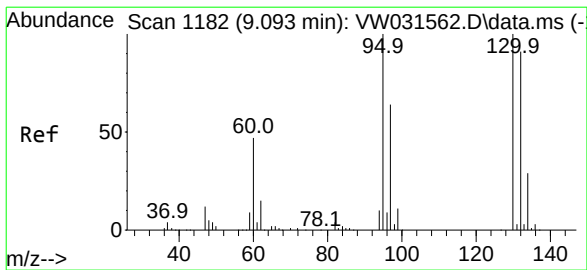
Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Tgt Ion: 78 Resp: 1072094





#34

Trichloroethene

Concen: 16.598 ug/L

RT: 9.087 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MS

Tgt Ion: 95 Resp: 287322

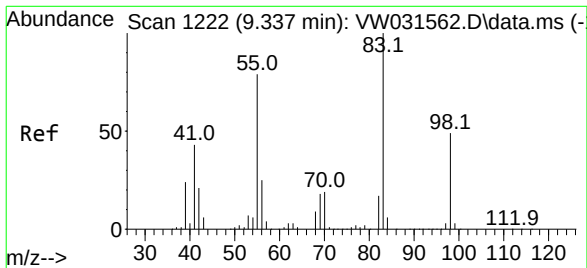
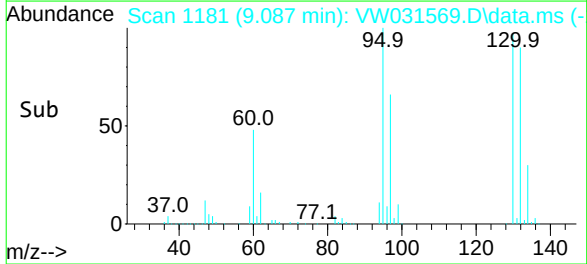
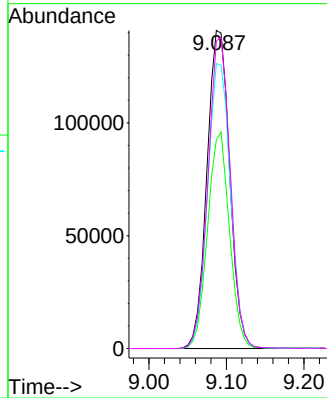
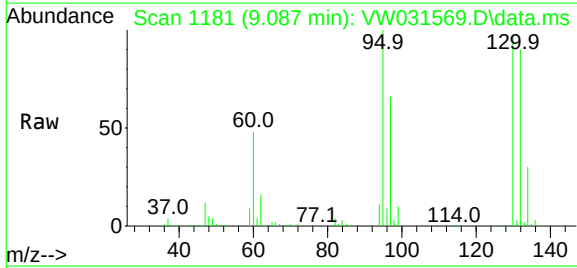
Ion Ratio Lower Upper

95 100

97 65.6 44.0 81.6

132 89.6 64.6 120.0

130 96.7 67.5 125.4



#35

Methylcyclohexane

Concen: 16.070 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

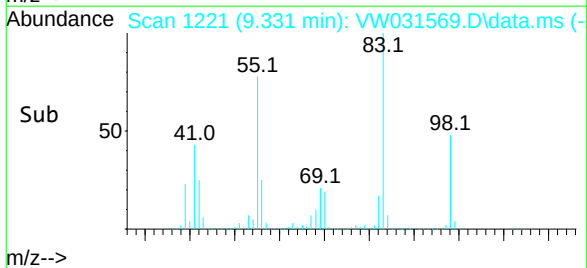
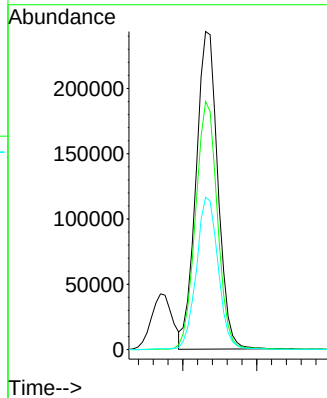
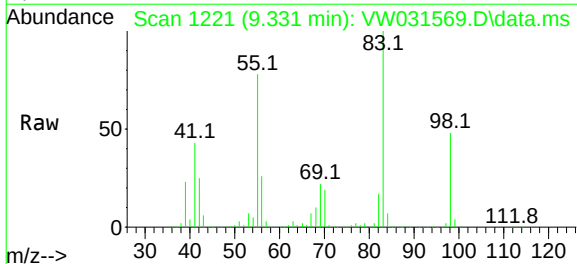
Tgt Ion: 83 Resp: 498735

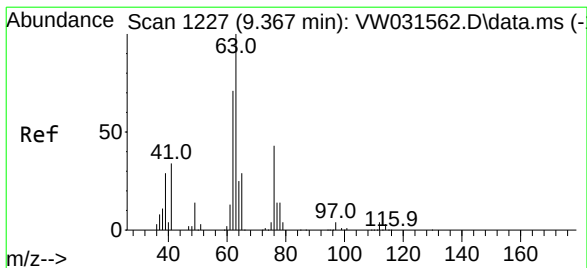
Ion Ratio Lower Upper

83 100

55 77.7 63.4 95.2

98 48.1 38.8 58.2





#37

1,2-Dichloropropane

Concen: 16.853 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

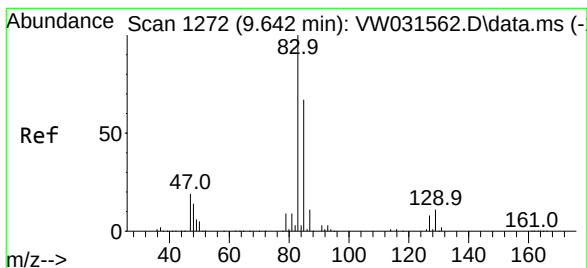
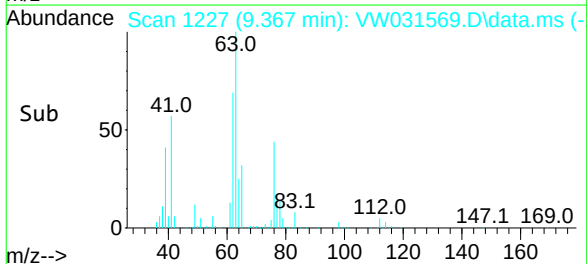
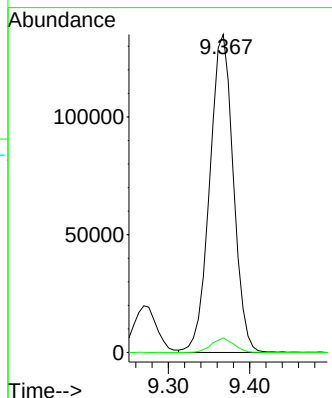
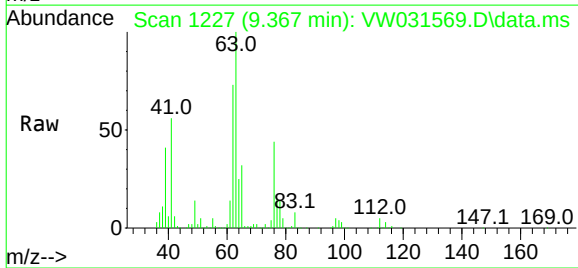
YE8F7MS

Tgt Ion: 63 Resp: 272735

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 16.903 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

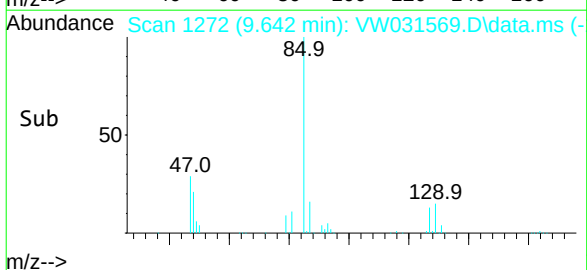
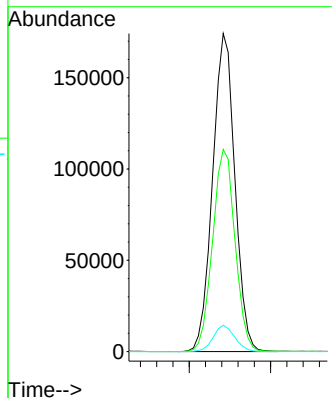
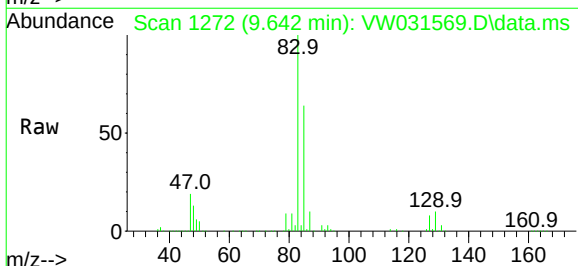
Tgt Ion: 83 Resp: 330873

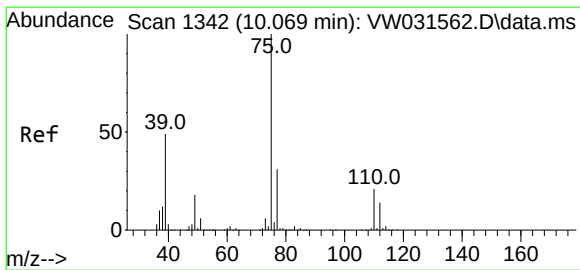
Ion Ratio Lower Upper

83 100

85 63.6 43.8 81.3

127 8.3 6.2 9.4

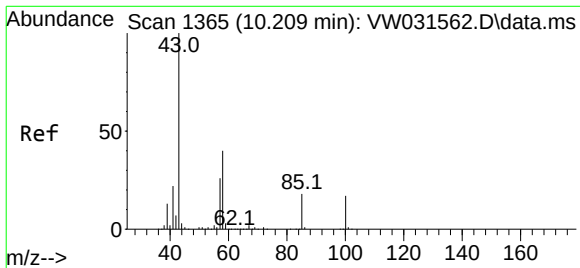
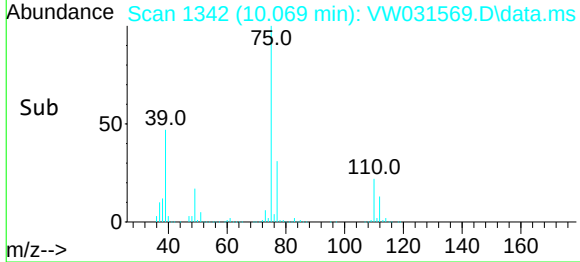
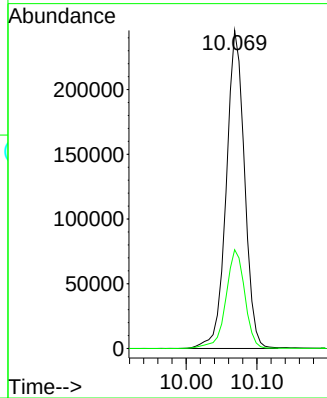
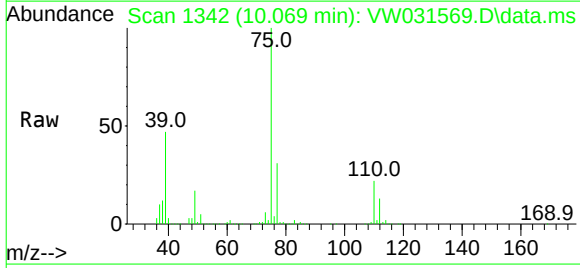




#39
 cis-1,3-Dichloropropene
 Concen: 17.294 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

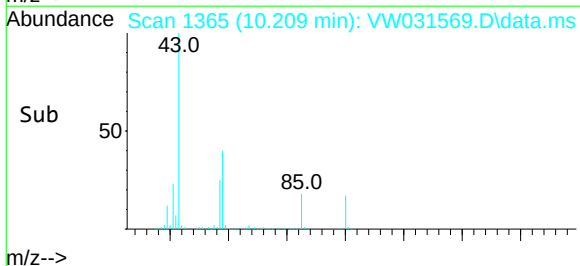
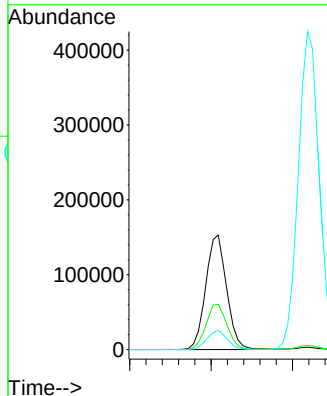
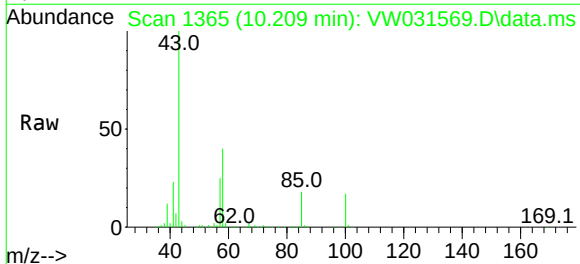
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

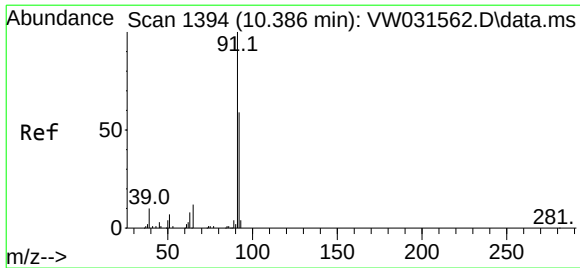
Tgt Ion: 75 Resp: 440261
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 33.746 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

Tgt Ion: 43 Resp: 272591
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.4 47.2
 100 16.1 12.3 18.5

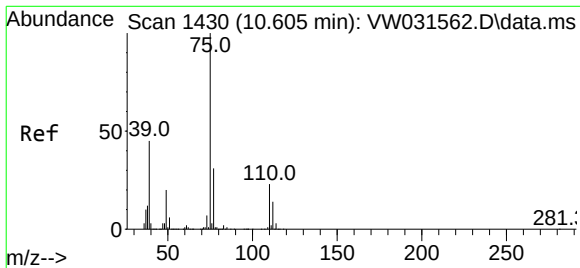
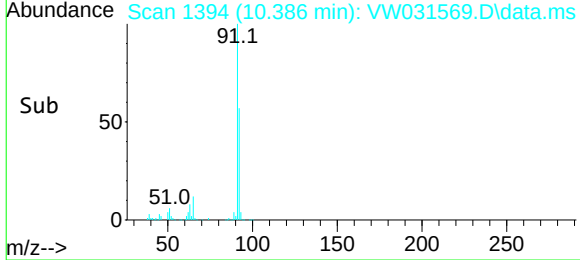
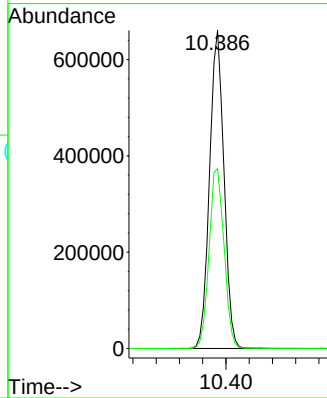
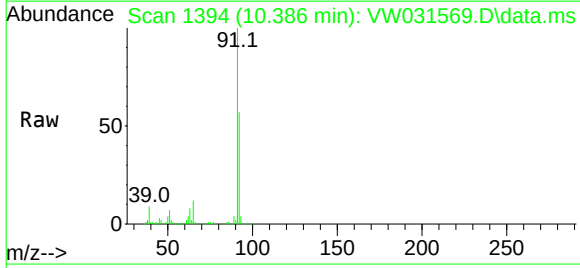




#42
Toluene
Concen: 16.855 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

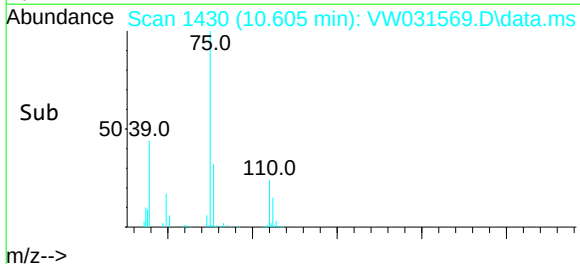
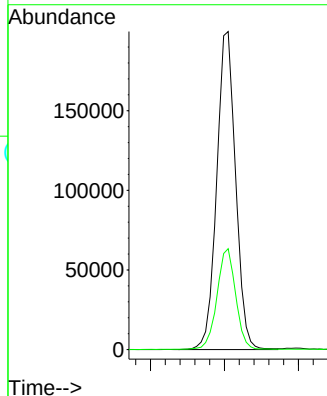
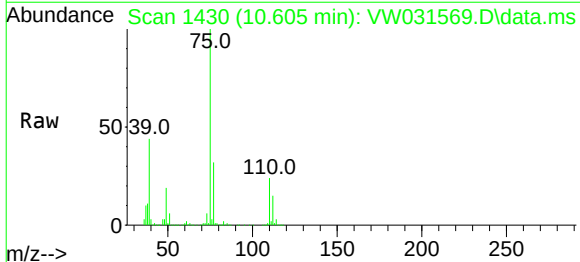
Instrument : MSVOA_W
ClientSampleId : YE8F7MS

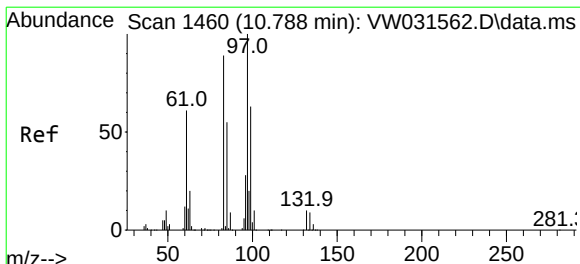
Tgt Ion: 91 Resp: 1134416
Ion Ratio Lower Upper
91 100
92 56.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 17.421 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 75 Resp: 354502
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9



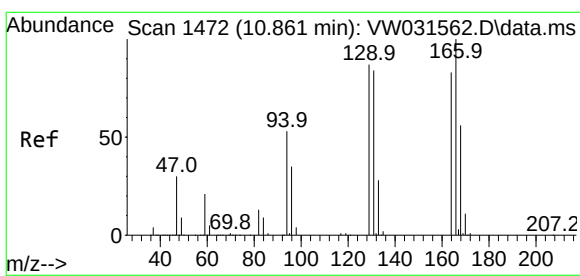
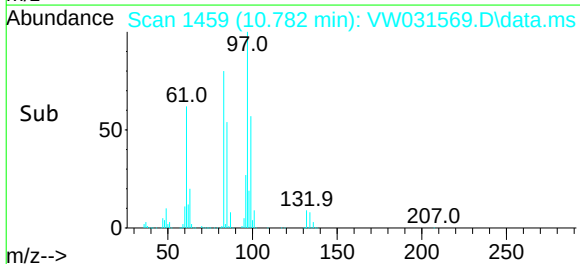
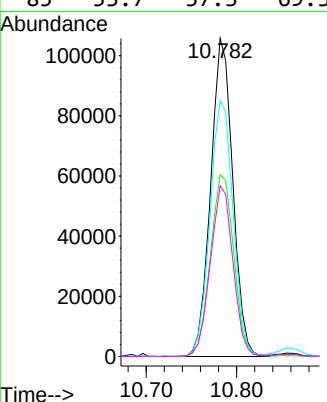
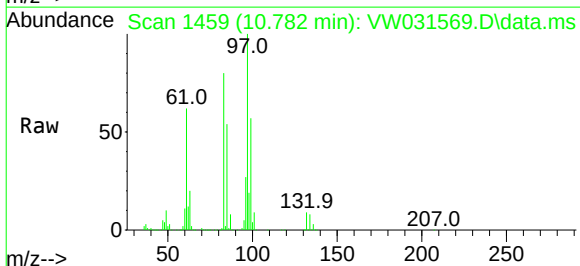


#45
1,1,2-Trichloroethane
Concen: 17.325 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

Tgt Ion: 97 Resp: 179716

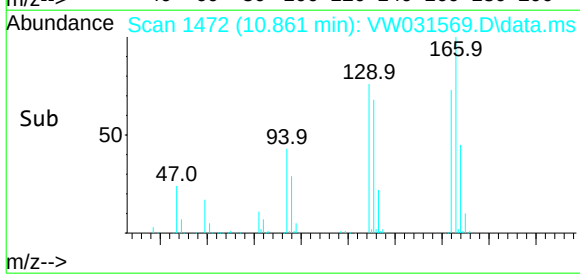
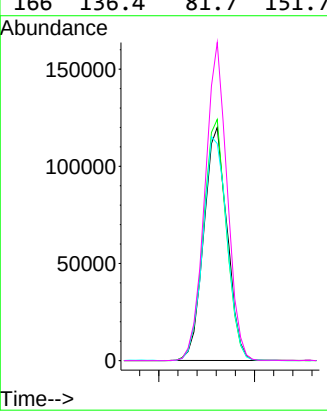
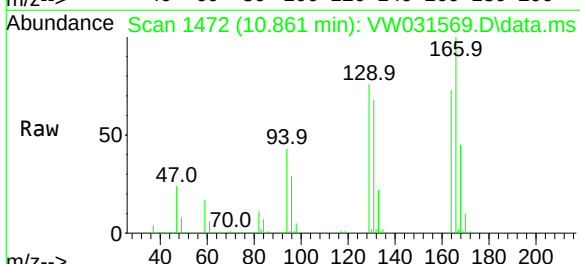
Ion	Ratio	Lower	Upper
97	100		
99	57.1	42.6	79.2
83	80.4	59.6	110.8
85	53.7	37.3	69.3

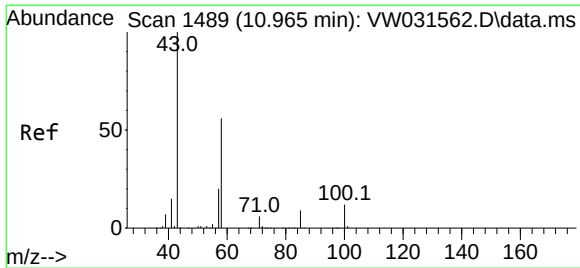


#46
Tetrachloroethene
Concen: 16.358 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 164 Resp: 203198

Ion	Ratio	Lower	Upper
164	100		
129	103.5	69.8	129.6
131	93.1	63.1	117.1
166	136.4	81.7	151.7





#48

2-Hexanone

Concen: 35.906 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031569.D

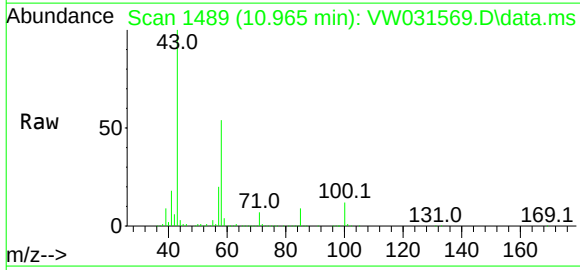
Acq: 17 Jan 2025 12:39

Instrument :

MSVOA_W

ClientSampleId :

YE8F7MS



Tgt Ion: 43 Resp: 177241

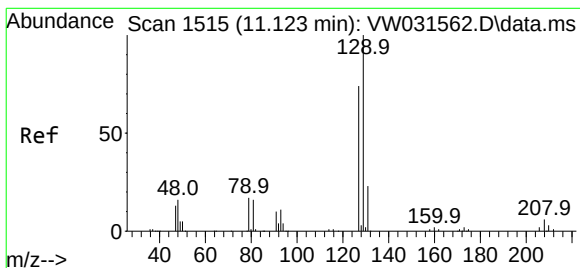
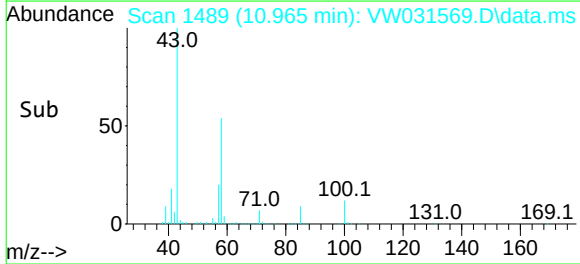
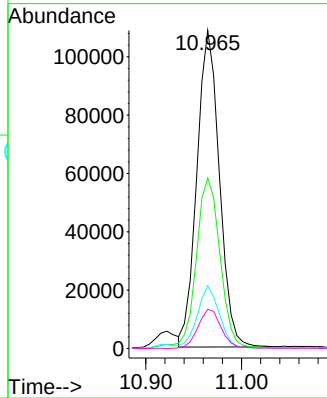
Ion Ratio Lower Upper

43 100

58 56.5 44.8 67.2

57 19.6 15.6 23.4

100 12.9 9.3 13.9



#49

Dibromochloromethane

Concen: 17.370 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031569.D

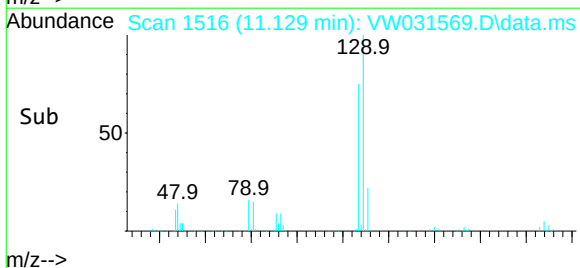
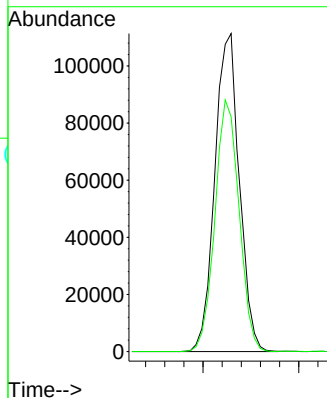
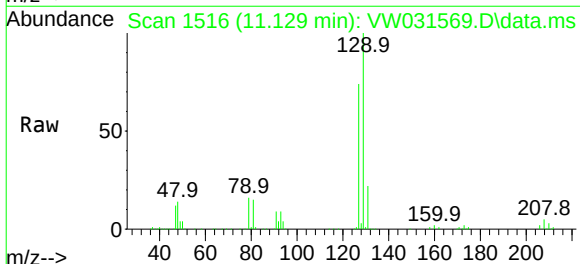
Acq: 17 Jan 2025 12:39

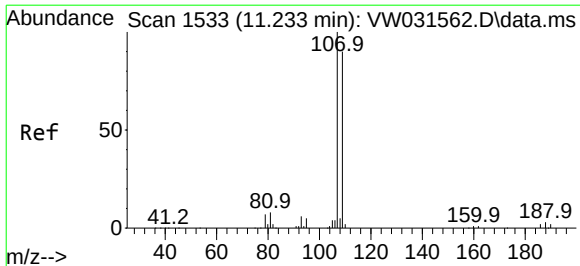
Tgt Ion: 129 Resp: 198249

Ion Ratio Lower Upper

129 100

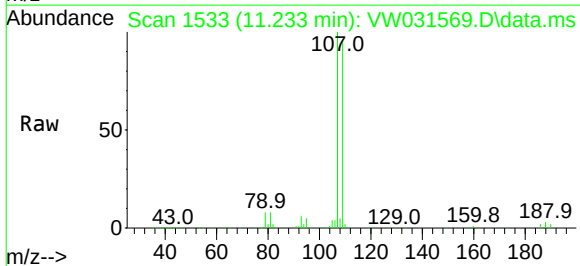
127 73.9 53.0 98.4



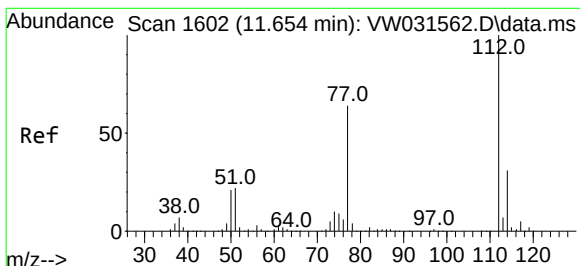
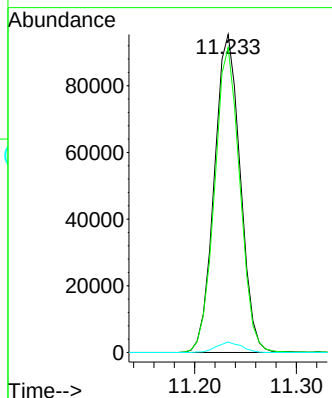
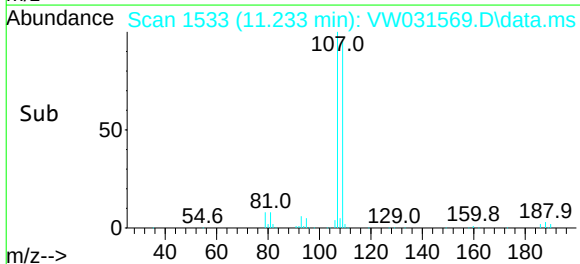


#50
1,2-Dibromoethane
Concen: 17.528 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

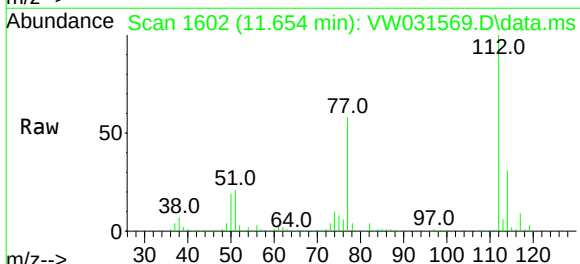
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS



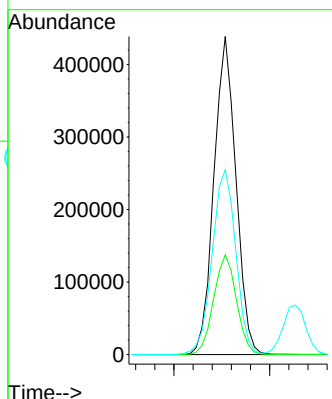
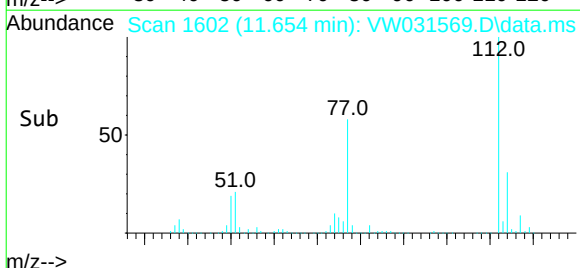
Tgt Ion:107 Resp: 168513
Ion Ratio Lower Upper
107 100
109 95.9 63.8 118.4
188 3.3 2.6 3.8

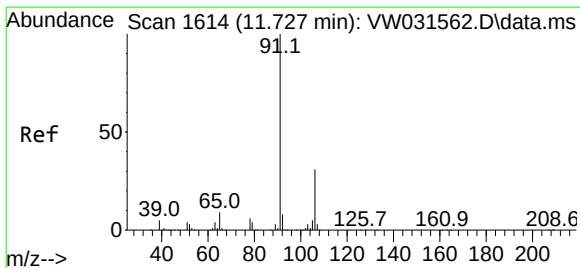


#51
Chlorobenzene
Concen: 16.872 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39



Tgt Ion:112 Resp: 701208
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 58.1 49.0 73.4

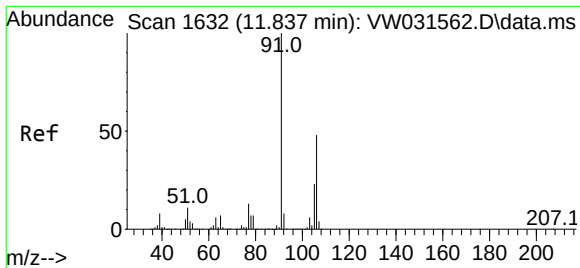
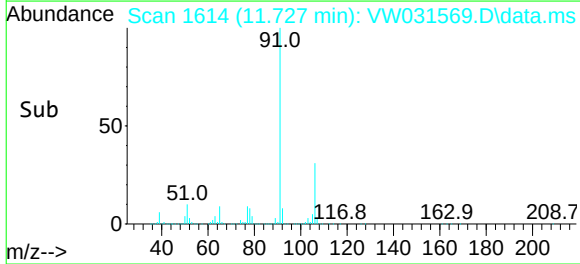
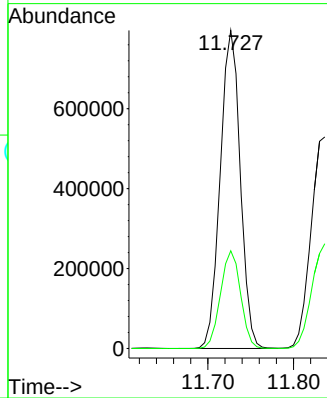
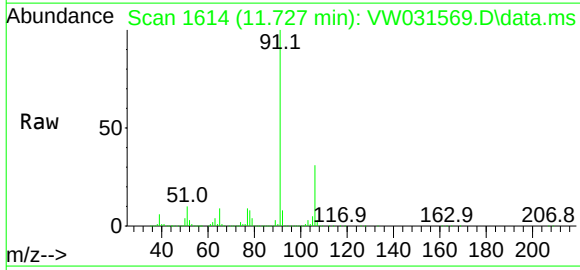




#52
Ethylbenzene
Concen: 16.746 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

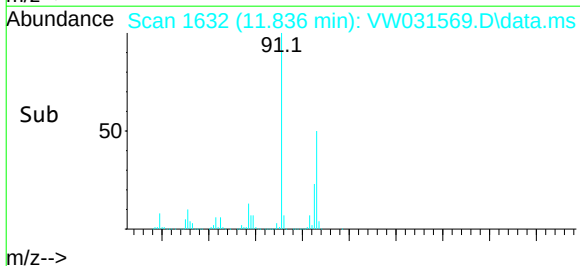
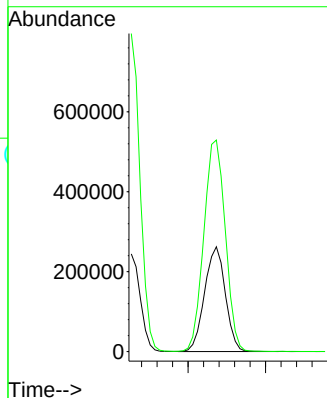
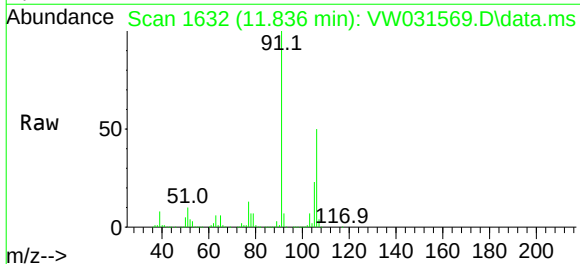
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

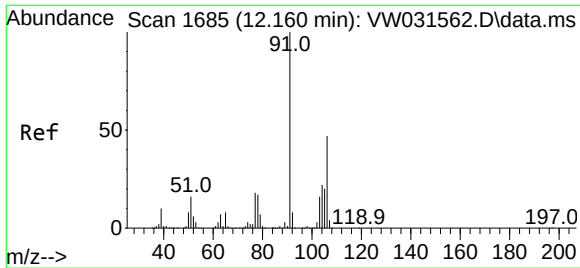
Tgt Ion: 91 Resp: 1293260
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3



#53
m,p-Xylene
Concen: 16.554 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 106 Resp: 487451
Ion Ratio Lower Upper
106 100
91 201.8 145.9 270.9

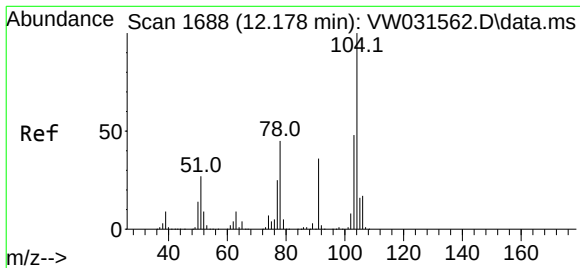
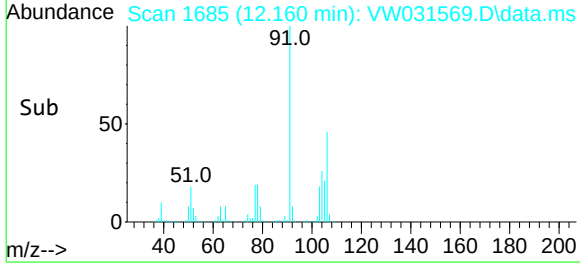
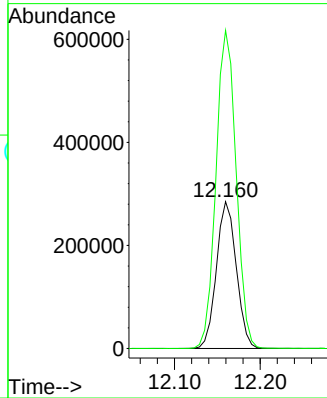
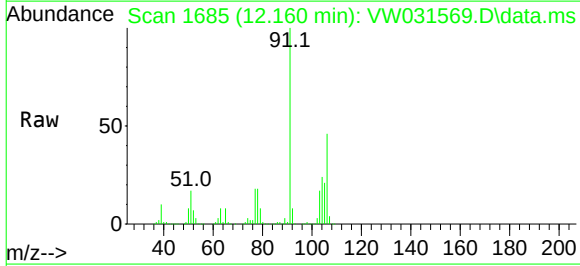




#54
o-Xylene
Concen: 16.785 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

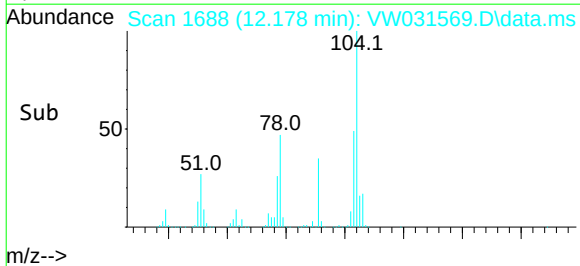
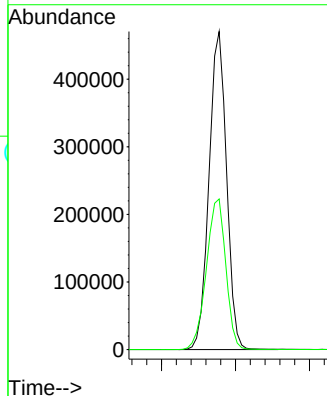
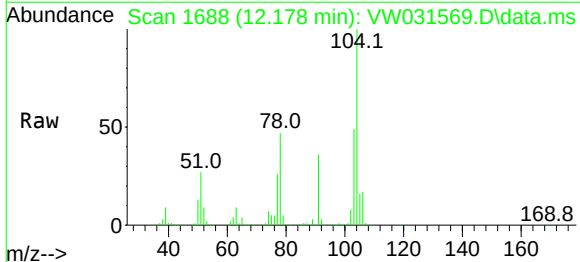
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

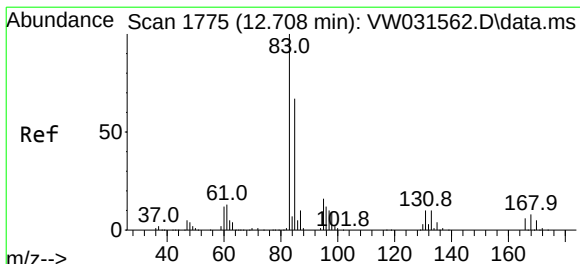
Tgt Ion:106 Resp: 459329
Ion Ratio Lower Upper
106 100
91 216.7 152.9 284.1



#55
Styrene
Concen: 17.008 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion:104 Resp: 774434
Ion Ratio Lower Upper
104 100
78 47.4 32.0 59.4

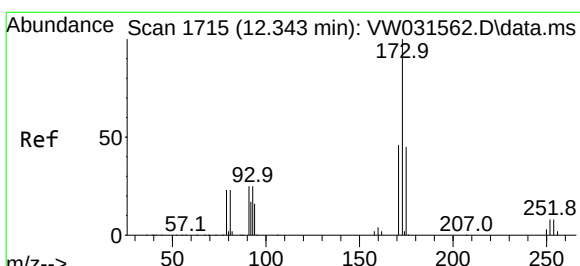
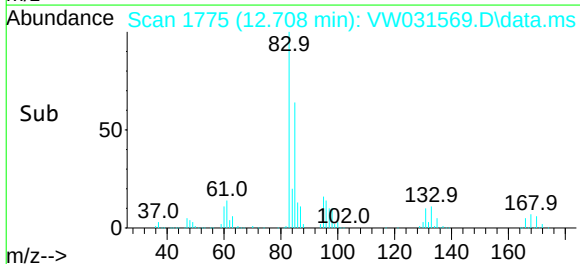
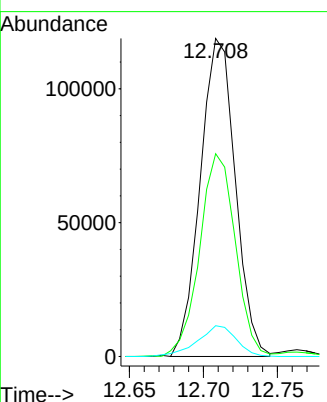
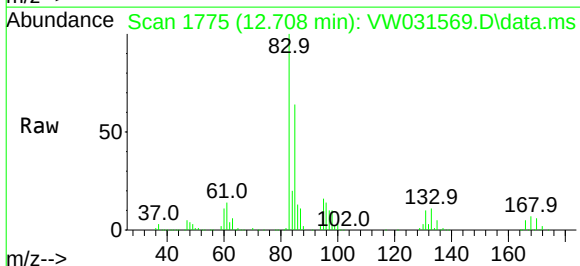




#57
 1,1,2,2-Tetrachloroethane
 Concen: 17.191 ug/L
 RT: 12.708 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

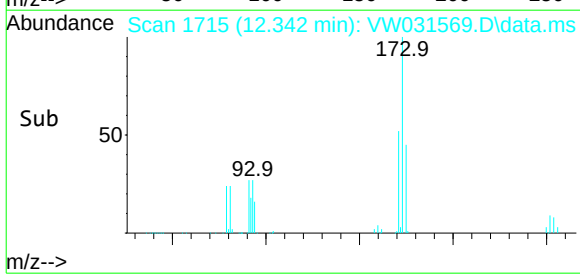
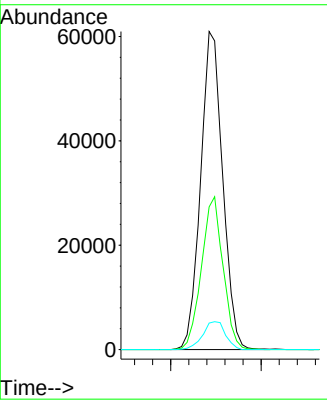
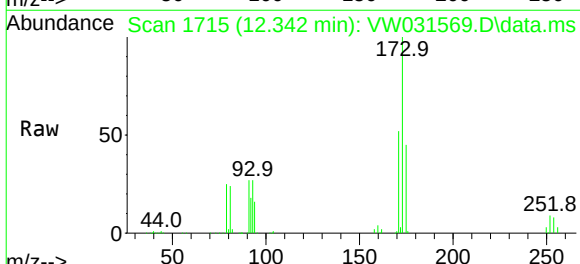
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

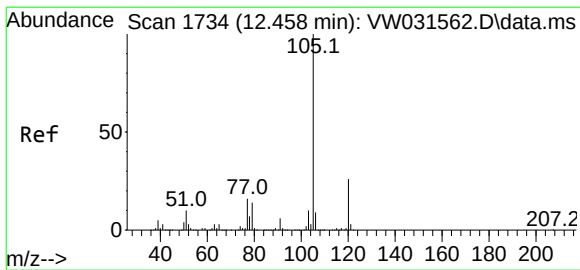
Tgt Ion:	83	Resp:	195938
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.1	81.9
131	9.7	7.4	11.0



#59
 Bromoform
 Concen: 17.867 ug/L
 RT: 12.342 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

Tgt Ion:	173	Resp:	103424
Ion	Ratio	Lower	Upper
173	100		
175	47.0	37.7	56.5
254	9.1	7.1	10.7

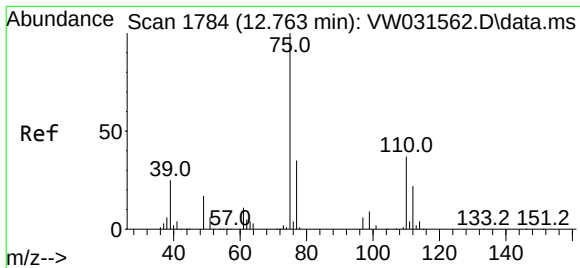
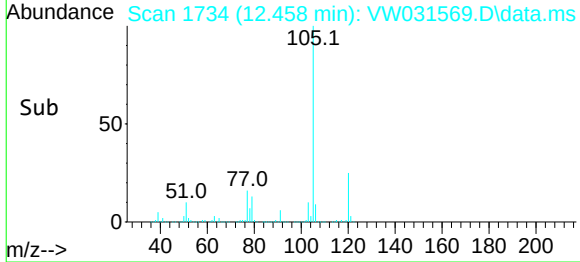
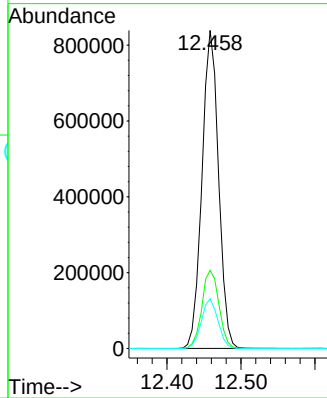
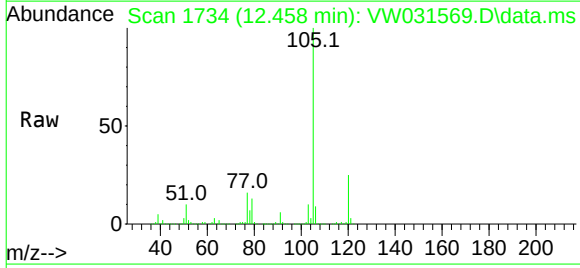




#60
Isopropylbenzene
Concen: 17.146 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

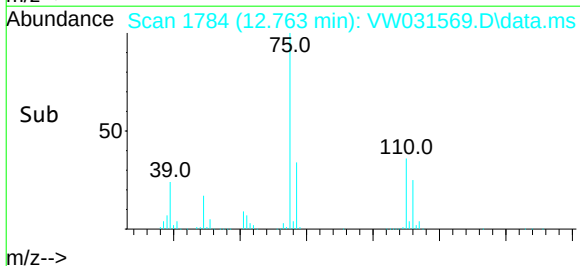
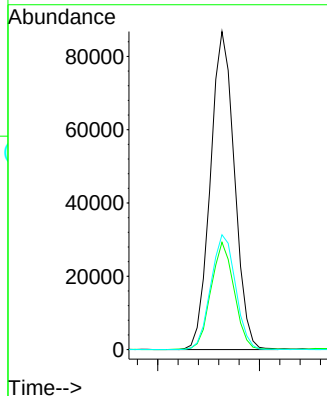
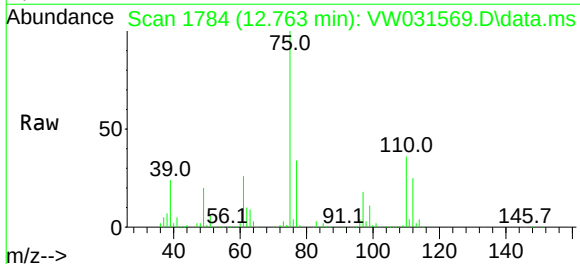
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

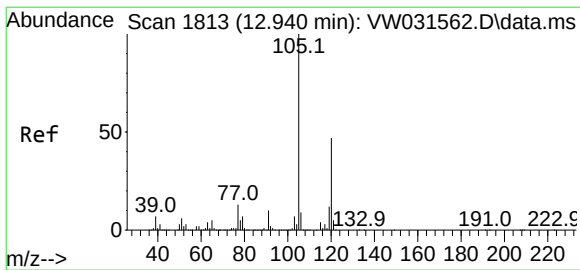
Tgt Ion: 105 Resp: 1301197
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 17.515 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 75 Resp: 142892
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 36.9 29.6 44.4

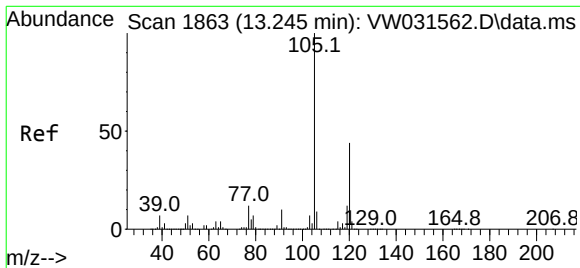
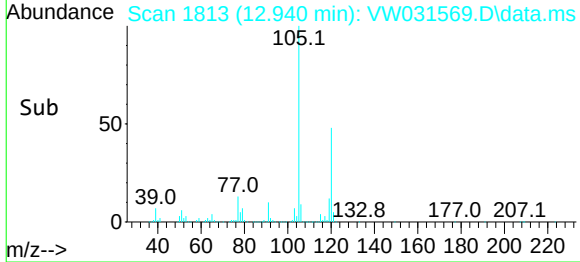
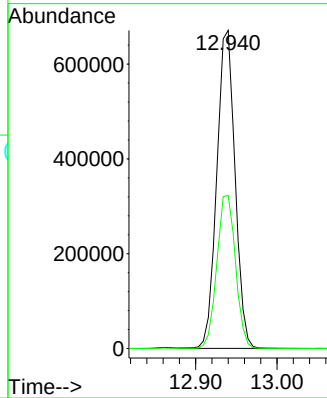
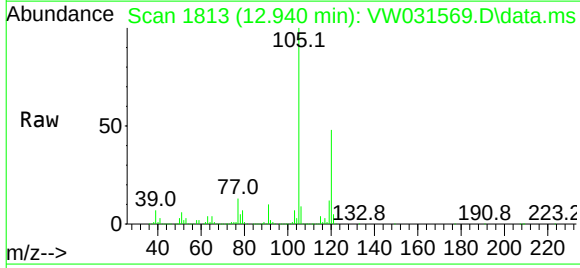




#62
 1,3,5-Trimethylbenzene
 Concen: 16.748 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

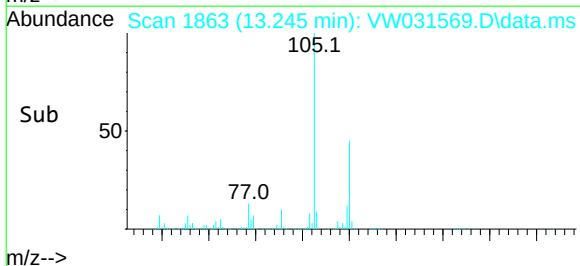
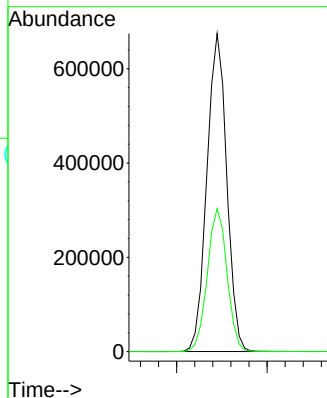
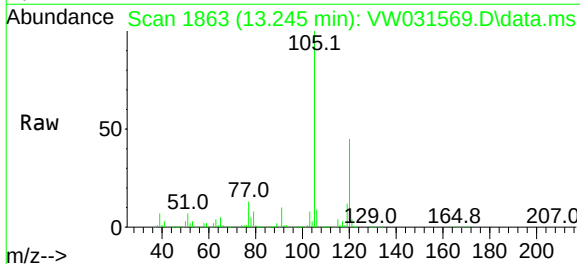
Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MS

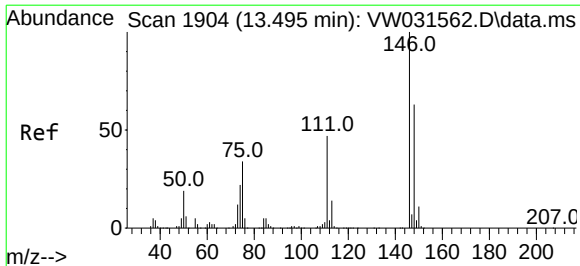
Tgt Ion:105 Resp: 1046563
 Ion Ratio Lower Upper
 105 100
 120 49.2 37.6 56.4



#63
 1,2,4-Trimethylbenzene
 Concen: 16.920 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031569.D
 Acq: 17 Jan 2025 12:39

Tgt Ion:105 Resp: 1029103
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.3 54.5

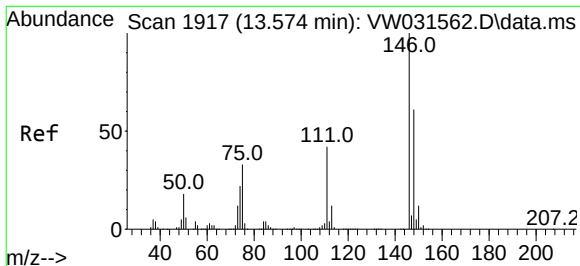
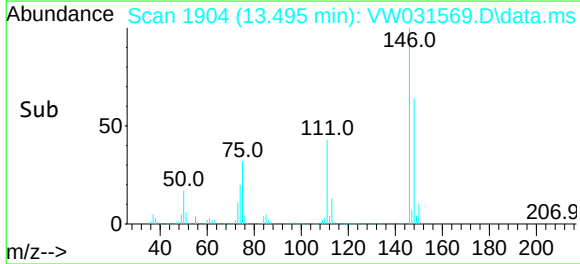
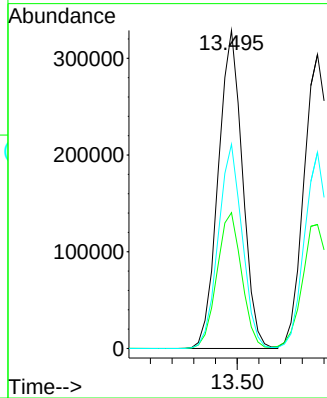
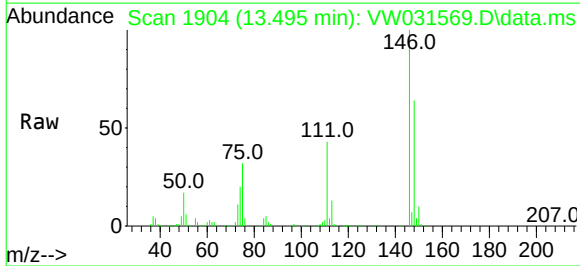




#64
1,3-Dichlorobenzene
Concen: 16.935 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

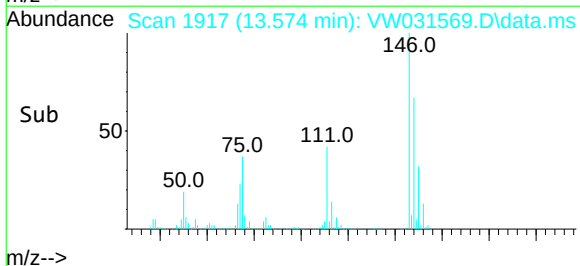
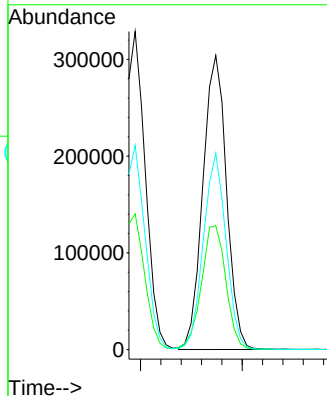
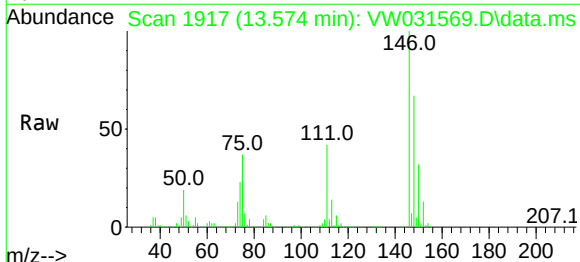
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

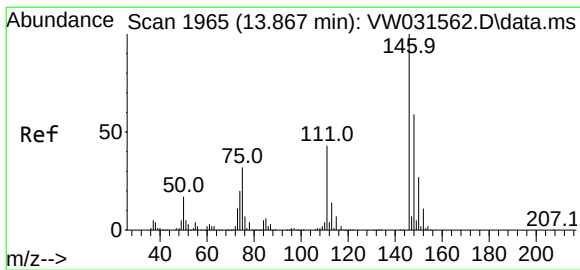
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	30.4	56.5
148	64.2	42.1	78.1



#65
1,4-Dichlorobenzene
Concen: 16.518 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	28.5	52.9
148	66.7	45.4	84.4

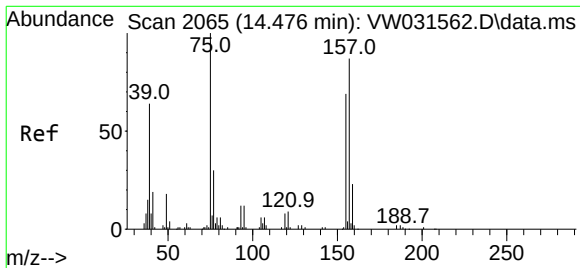
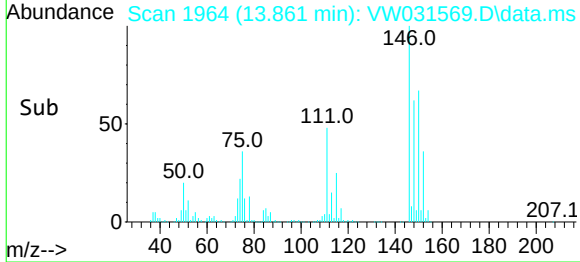
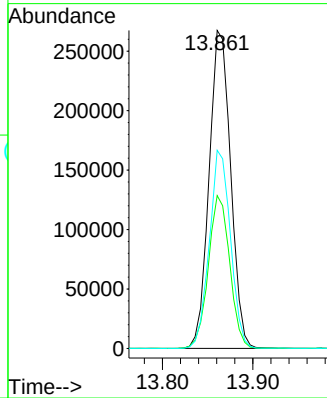
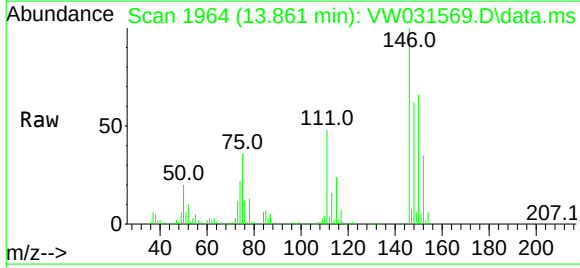




#67
1,2-Dichlorobenzene
Concen: 17.249 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

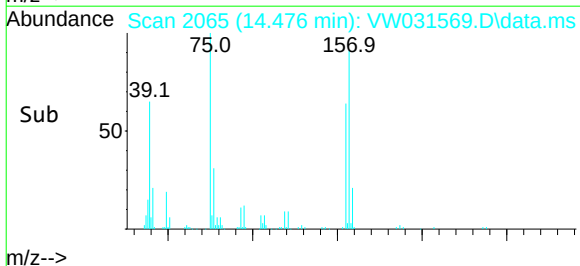
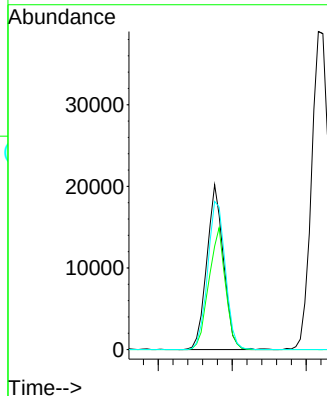
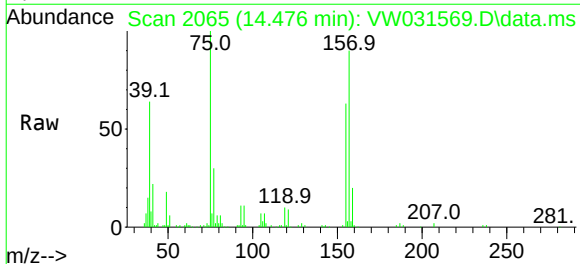
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

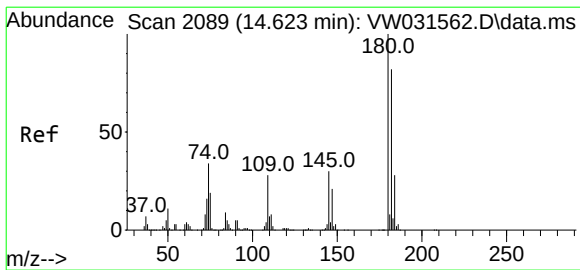
Tgt Ion:146 Resp: 443368
Ion Ratio Lower Upper
146 100
111 48.1 36.6 55.0
148 62.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 17.458 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion: 75 Resp: 31842
Ion Ratio Lower Upper
75 100
155 62.7 51.0 76.4
157 89.9 70.2 105.2

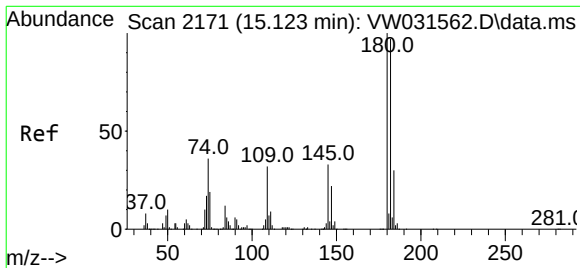
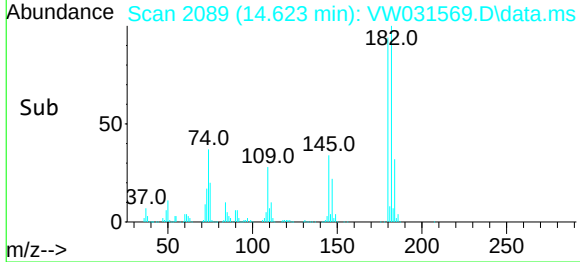
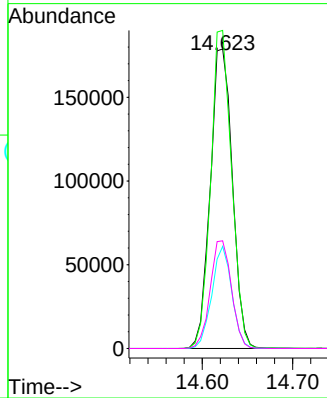
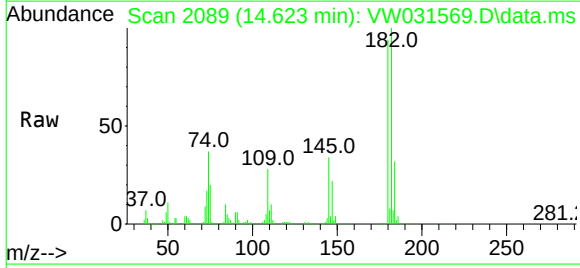




#69
1,3,5-Trichlorobenzene
Concen: 14.928 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

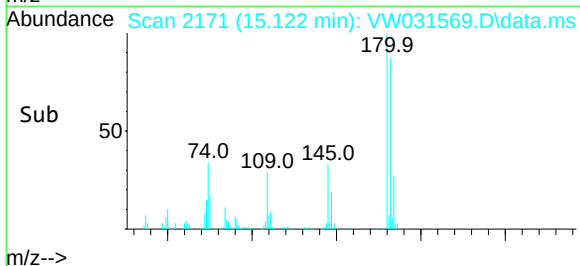
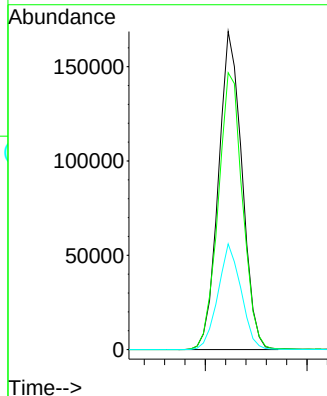
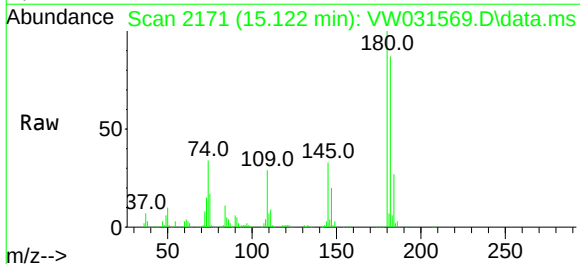
Instrument :
MSVOA_W
ClientSampleId :
YE8F7MS

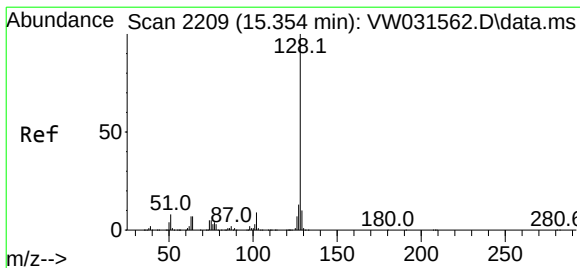
Tgt Ion:	180	Resp:	304507
Ion	Ratio	Lower	Upper
180	100		
182	100.4	74.2	111.4
184	30.8	23.0	34.4
145	34.6	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 16.696 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031569.D
Acq: 17 Jan 2025 12:39

Tgt Ion:	180	Resp:	271268
Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.7	116.5
145	32.7	26.6	39.8





#71

Naphthalene

Concen: 17.487 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

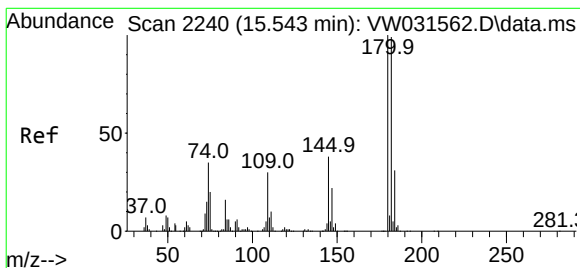
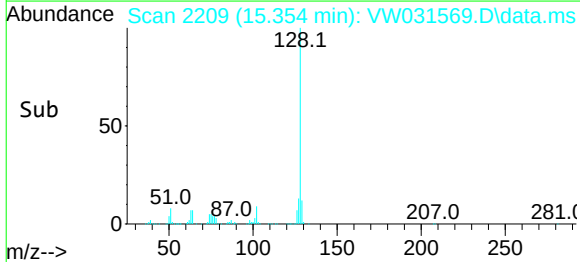
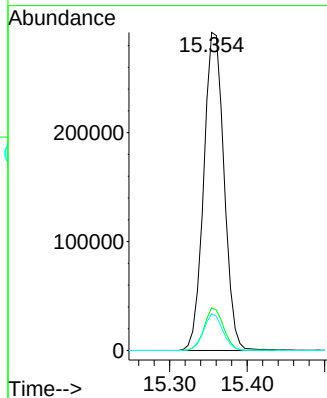
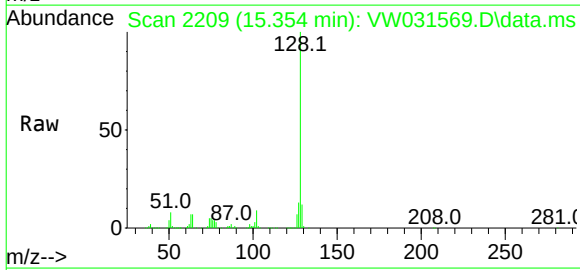
Instrument :

MSVOA_W

ClientSampleId :

YE8F7MS

Tgt Ion:	128	Resp:	532749
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 16.515 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031569.D

Acq: 17 Jan 2025 12:39

Tgt Ion:	180	Resp:	225987
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.9	115.3
145	35.4	30.1	45.1

