

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030580.D
 Acq On : 12 Oct 2024 04:50
 Operator : SY/MD
 Sample : P4361-10MSD
 Misc : 3.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:52:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	488945	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.629	117	341474	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	183157	23.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	2.893	69	154253	26.515	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.040%
11) 1,1-Dichloroethene-d2	4.021	65	70992	22.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.840%
21) 2-Butanone-d5	7.075	46	68558	49.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.140%
24) Chloroform-d	7.648	84	325075	23.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.307	65	174812	24.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.276	84	610086	30.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.120%
36) 1,2-Dichloropropane-d6	9.276	67	180505	31.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.120%#
41) Toluene-d8	10.319	98	492083	27.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	10.575	79	66421	27.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	56824	75.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.680%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125664	29.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	103406	25.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91341	14.622	ug/L	99
3) Chloromethane	2.229	50	112981	15.561	ug/L	97
5) Vinyl chloride	2.375	62	141393	15.836	ug/L	98
6) Bromomethane	2.789	94	87433	14.877	ug/L	96
8) Chloroethane	2.936	64	88091	16.139	ug/L	99
9) Trichlorofluoromethane	3.271	101	114332	14.311	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95917	13.344	ug/L #	68
13) Acetone	4.125	43	49753	24.571	ug/L	97
14) Carbon disulfide	4.393	76	243771	11.380	ug/L	100
15) Methyl Acetate	4.673	43	39904	15.953	ug/L	96
16) Methylene chloride	4.917	84	114809	15.532	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	98706	13.944	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	177211	17.888	ug/L	98
19) 1,1-Dichloroethane	6.216	63	192703	14.647	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	111359	14.749	ug/L	92
22) 2-Butanone	7.167	43	62539	28.652	ug/L	97
23) Bromochloromethane	7.520	128	52154	15.790	ug/L	92
25) Chloroform	7.679	83	204983	14.580	ug/L	98
27) 1,2-Dichloroethane	8.398	62	130102	14.027	ug/L	98

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 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

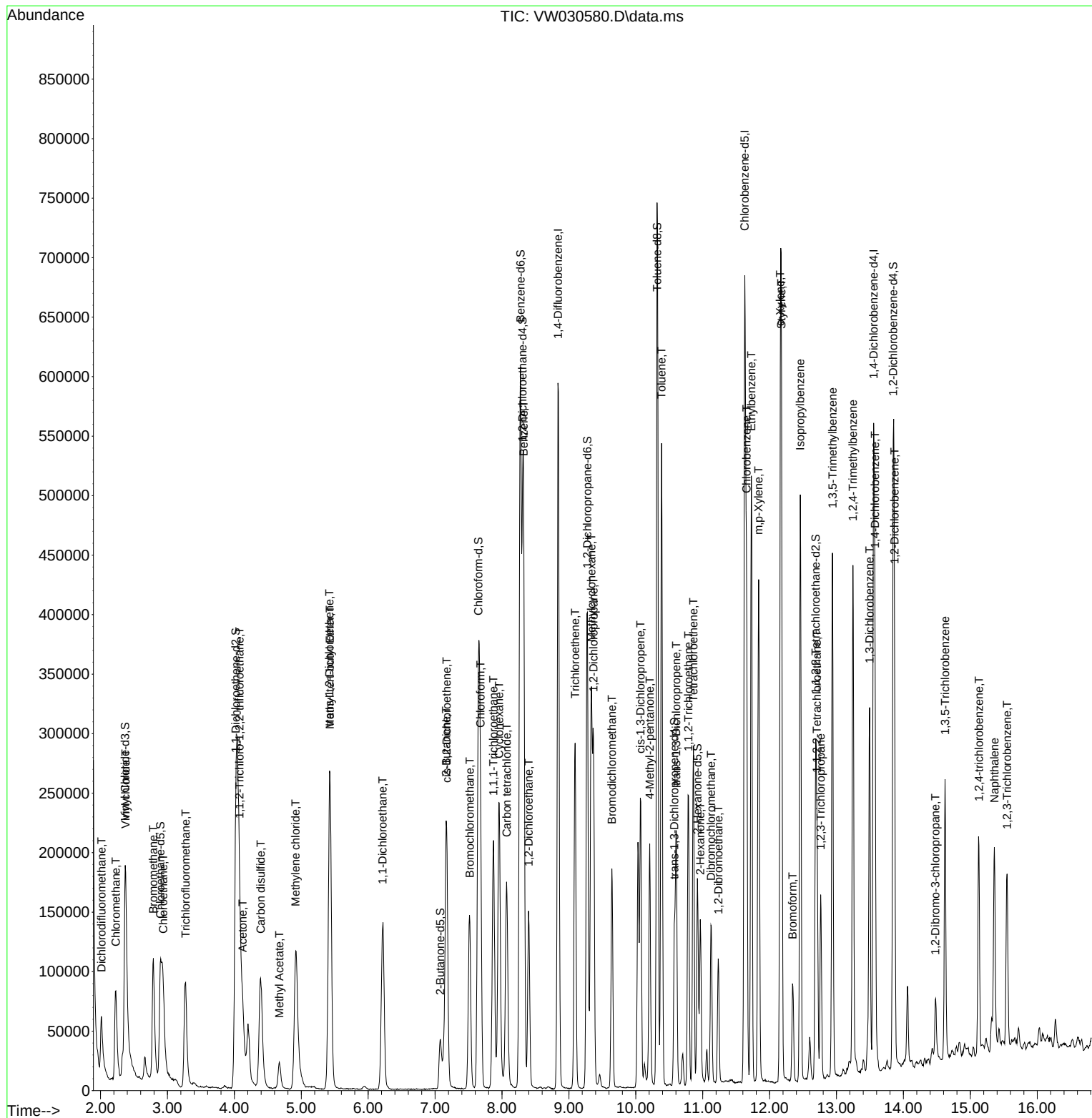
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	135523	16.304	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	165424	18.249	ug/L	97
31) Carbon tetrachloride	8.069	117	130527	16.122	ug/L	98
33) Benzene	8.325	78	410458	18.471	ug/L	100
34) Trichloroethene	9.093	95	99716	16.130	ug/L	99
35) Methylcyclohexane	9.337	83	137140	14.096	ug/L	97
37) 1,2-Dichloropropane	9.368	63	100269	18.067	ug/L	99
38) Bromodichloromethane	9.642	83	119042	16.122	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	139676	16.685	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	122339	45.884	ug/L	98
42) Toluene	10.386	91	387301	16.337	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	114523	16.280	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	76726	19.128	ug/L	98
46) Tetrachloroethene	10.861	164	59865	13.129	ug/L	92
48) 2-Hexanone	10.965	43	86630	39.731	ug/L	96
49) Dibromochloromethane	11.123	129	67889	15.169	ug/L	98
50) 1,2-Dibromoethane	11.233	107	67717	18.093	ug/L	94
51) Chlorobenzene	11.654	112	210117	13.768	ug/L	99
52) Ethylbenzene	11.727	91	354072	13.089	ug/L	99
53) m,p-Xylene	11.837	106	131853	13.010	ug/L	100
54) o-Xylene	12.160	106	130138	13.890	ug/L	92
55) Styrene	12.178	104	211803	13.223	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	80335	17.760	ug/L	95
59) Bromoform	12.343	173	35640	21.210	ug/L	98
60) Isopropylbenzene	12.458	105	310638	16.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60343	25.929	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	229654	15.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	227024	15.868	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	118122	14.652	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	122014	14.657	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	107994	15.223	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11808	22.755	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	67958	12.783	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	55666	13.007	ug/L	98
71) Naphthalene	15.360	128	144754	19.577	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	47855	12.898	ug/L	99

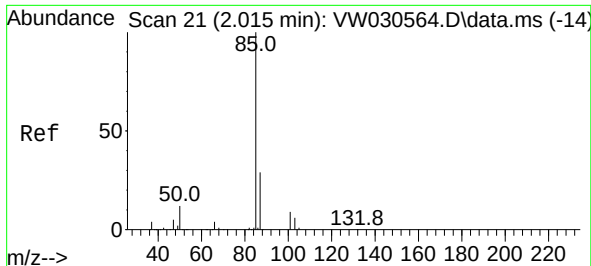
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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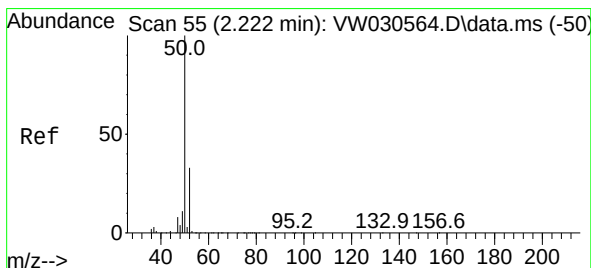
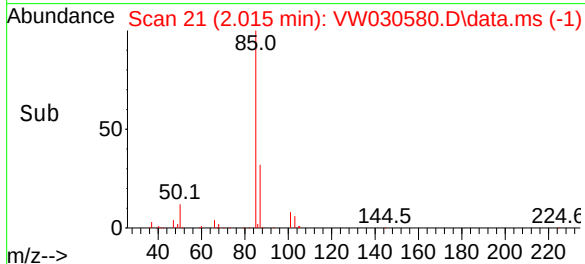
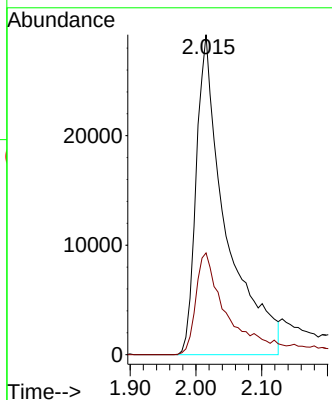
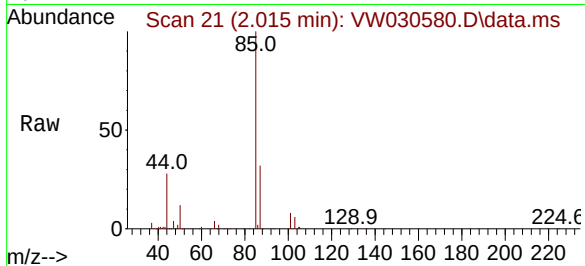




#2
 Dichlorodifluoromethane
 Concen: 14.622 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

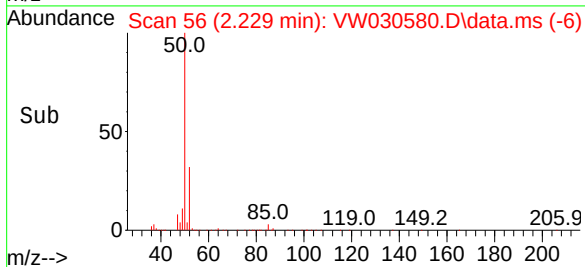
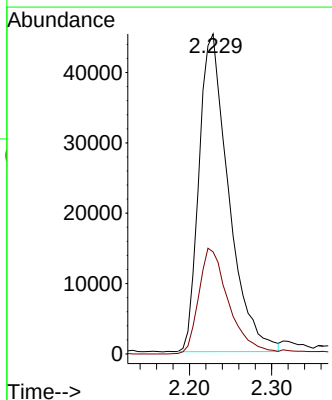
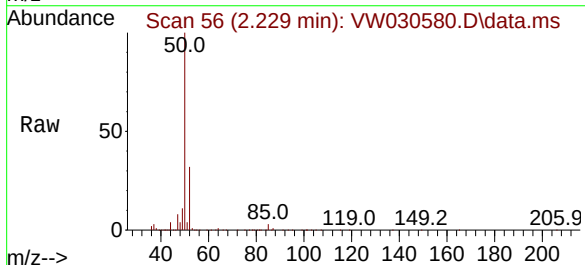
Instrument :
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 ClientSampleId :

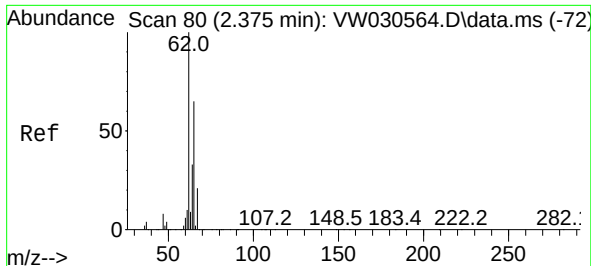
Tgt Ion: 85 Resp: 91341
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.8 35.6



#3
 Chloromethane
 Concen: 15.561 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

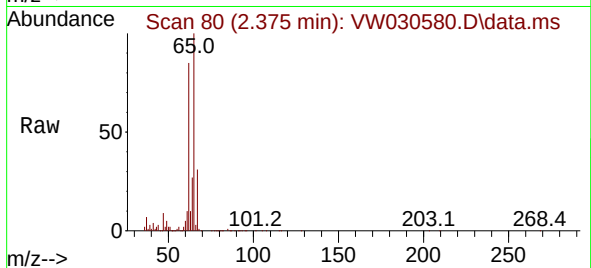
Tgt Ion: 50 Resp: 112981
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 43.9



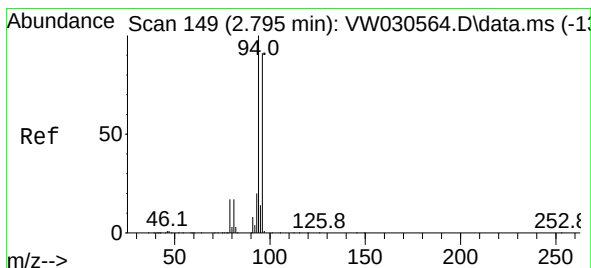
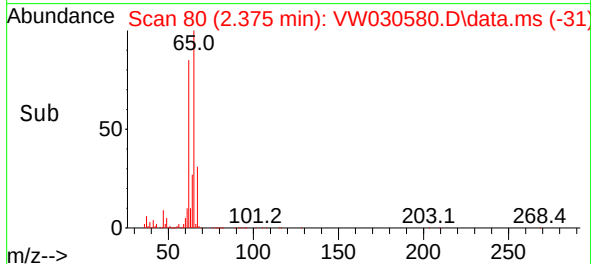
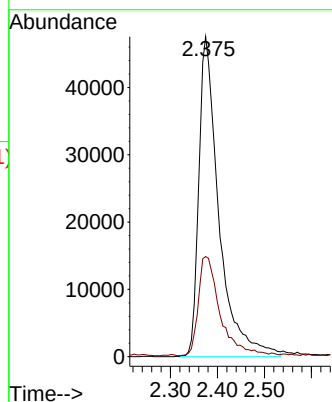


#5
Vinyl chloride
Concen: 15.836 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Instrument :
MSVOA_W
ClientSampleId :

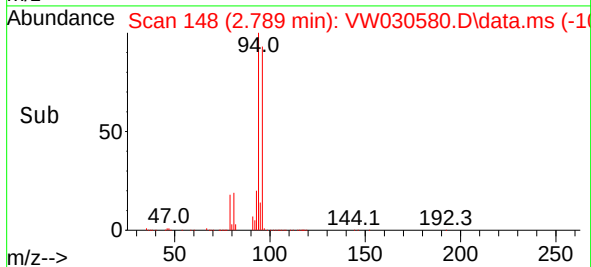
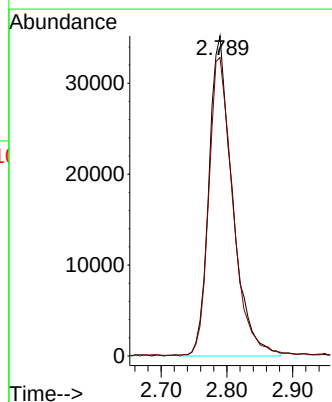
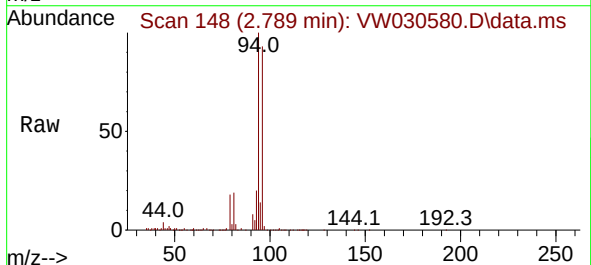


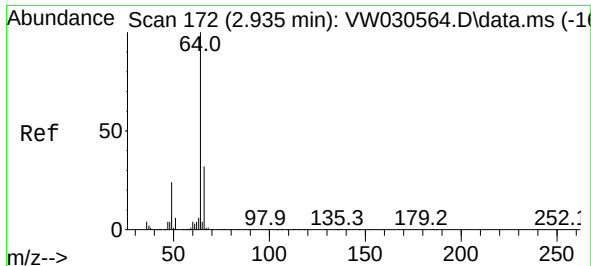
Tgt Ion: 62 Resp: 141393
Ion Ratio Lower Upper
62 100
64 31.3 22.6 42.0



#6
Bromomethane
Concen: 14.877 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion: 94 Resp: 87433
Ion Ratio Lower Upper
94 100
96 93.3 62.6 116.2

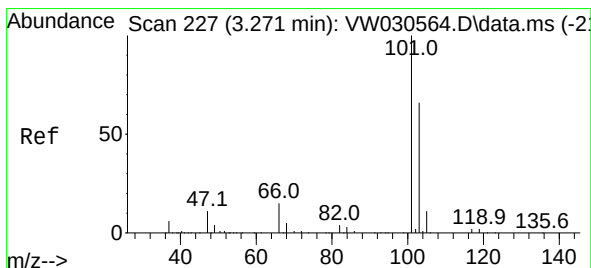
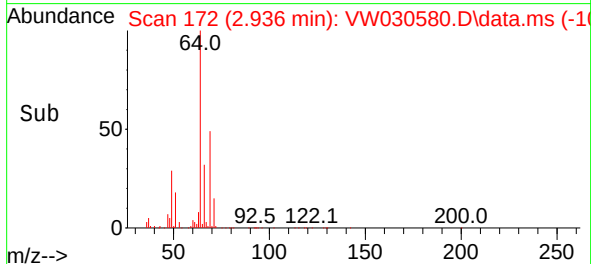
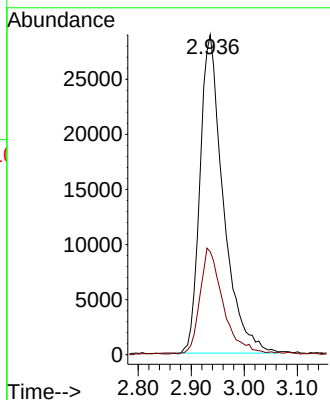
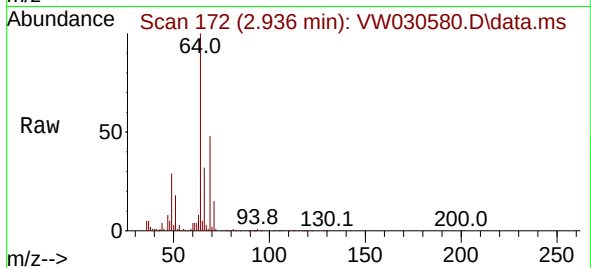




#8
Chloroethane
Concen: 16.139 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

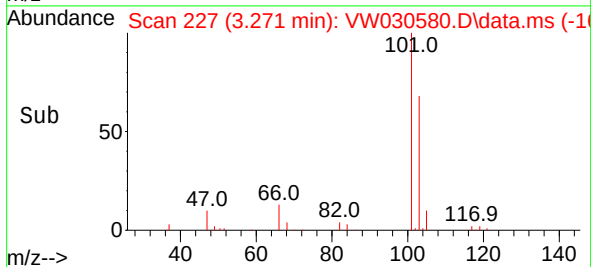
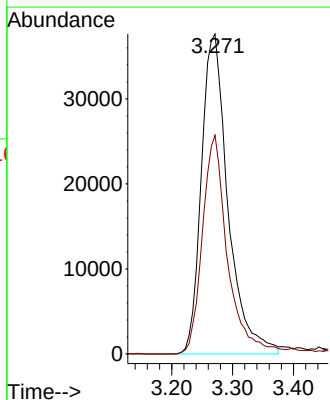
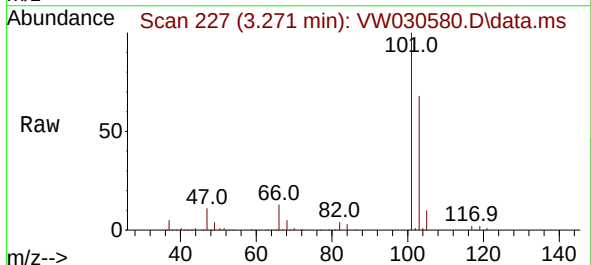
Instrument :
MSVOA_W
ClientSampleId :

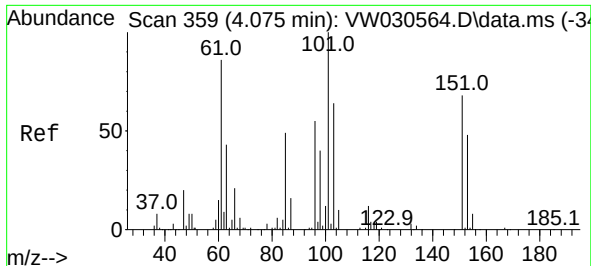
Tgt Ion: 64 Resp: 88091
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.311 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion:101 Resp: 114332
Ion Ratio Lower Upper
101 100
103 63.7 51.1 76.7





#10

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

Concen: 13.344 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

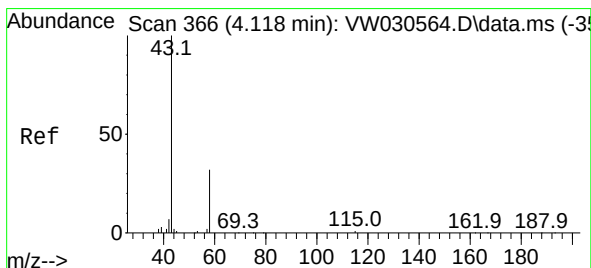
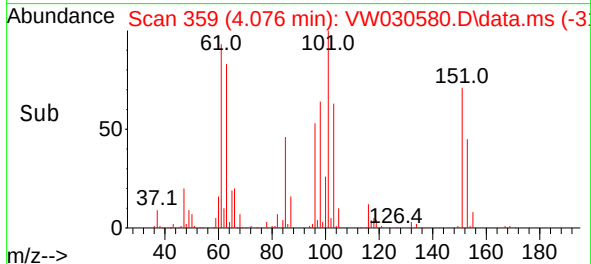
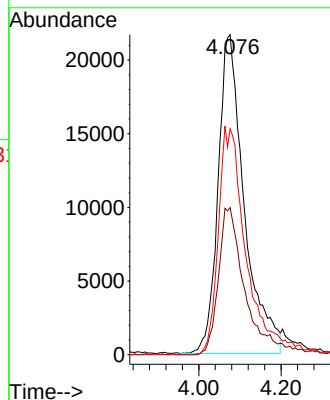
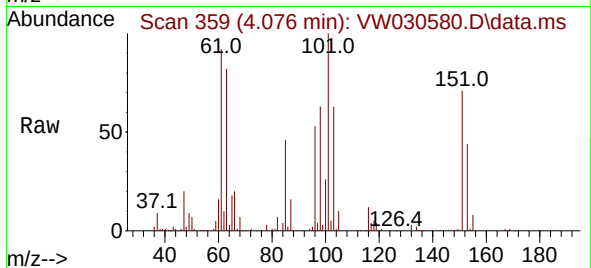
Tgt Ion:101 Resp: 95917

Ion Ratio Lower Upper

101 100

85 43.6 35.7 53.5

151 27.6 56.1 84.1#



#13

Acetone

Concen: 24.571 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW030580.D

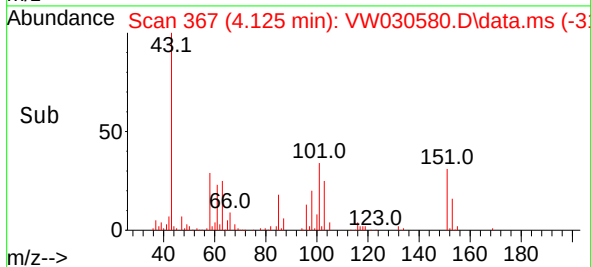
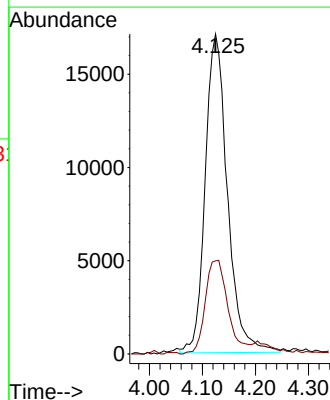
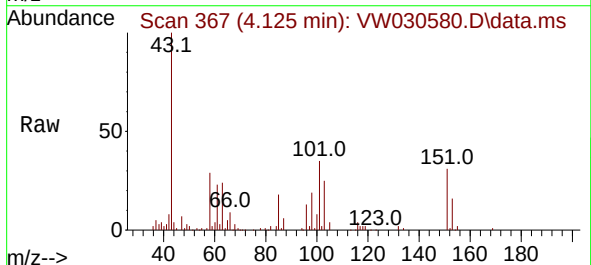
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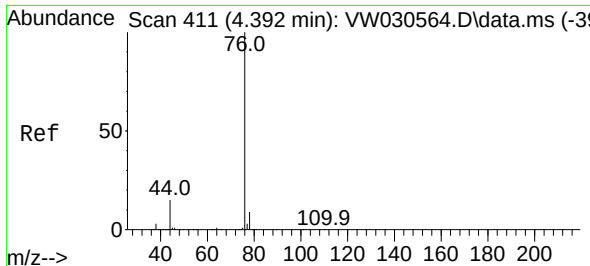
Tgt Ion: 43 Resp: 49753

Ion Ratio Lower Upper

43 100

58 30.2 0.0 57.6

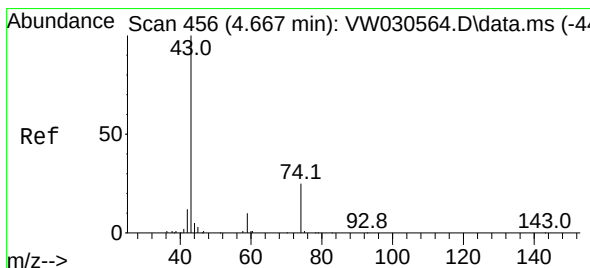
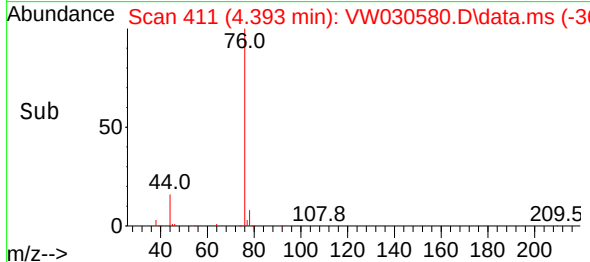
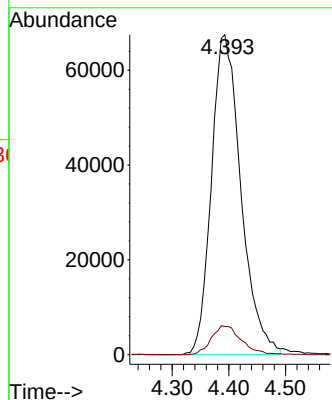
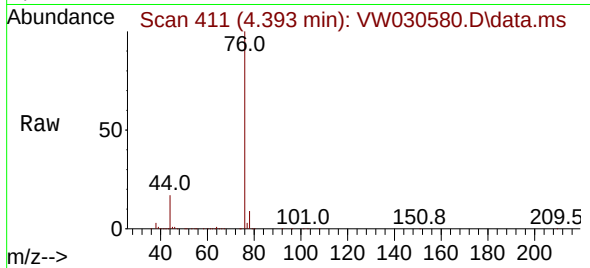




#14
Carbon disulfide
Concen: 11.380 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

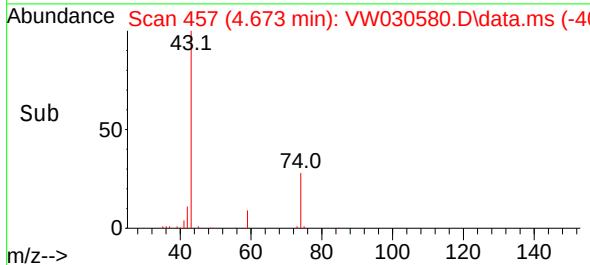
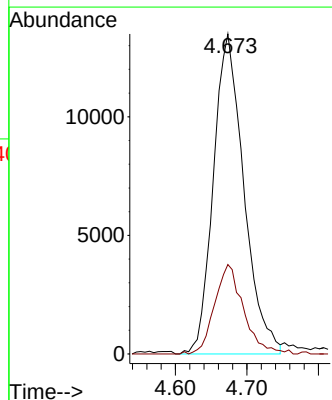
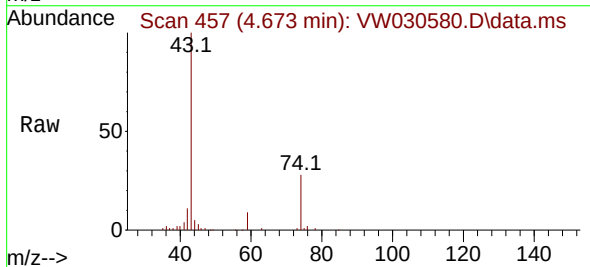
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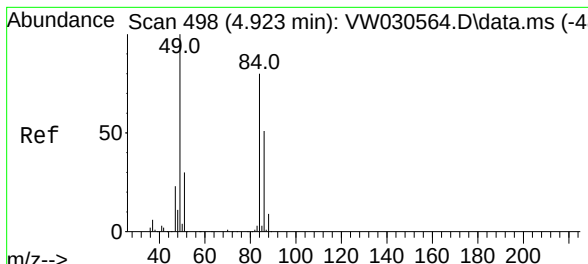
Tgt Ion: 76 Resp: 243771
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#15
Methyl Acetate
Concen: 15.953 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030580.D
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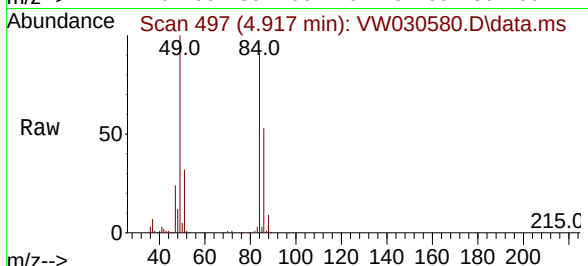
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Ion Ratio Lower Upper
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74 26.3 19.3 28.9



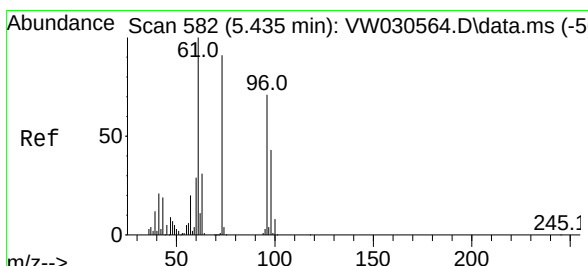
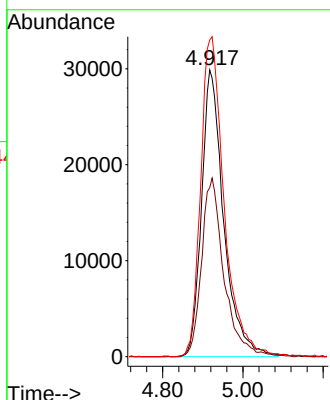
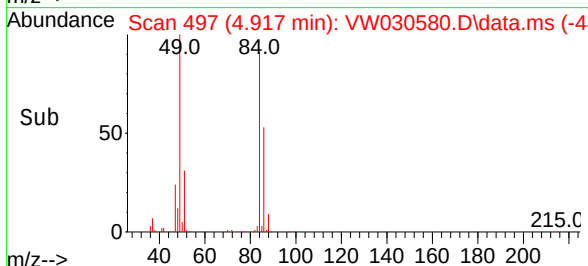


#16
Methylene chloride
Concen: 15.532 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

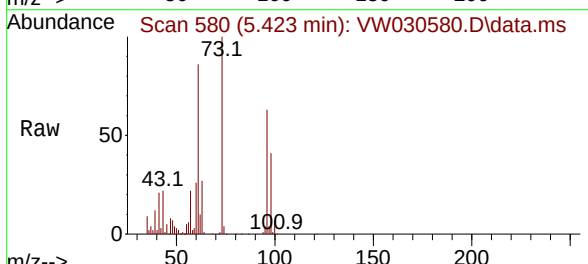
Instrument :
MSVOA_W
ClientSampleId :



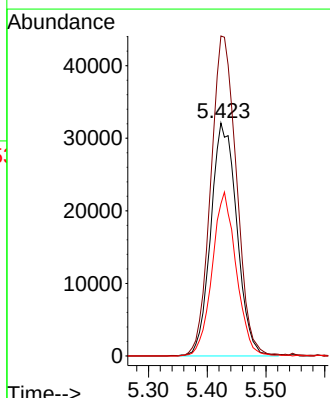
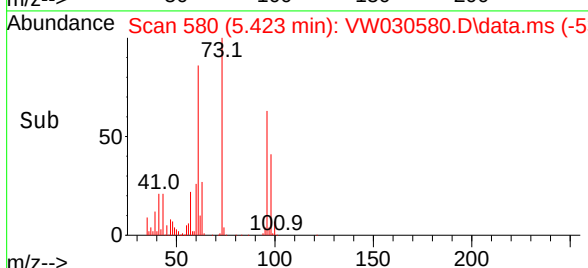
Tgt Ion: 84 Resp: 114809
Ion Ratio Lower Upper
84 100
86 58.9 43.8 81.3
49 110.4 88.3 164.1

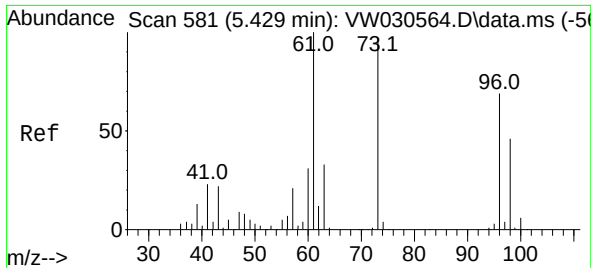


#17
trans-1,2-Dichloroethene
Concen: 13.944 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50



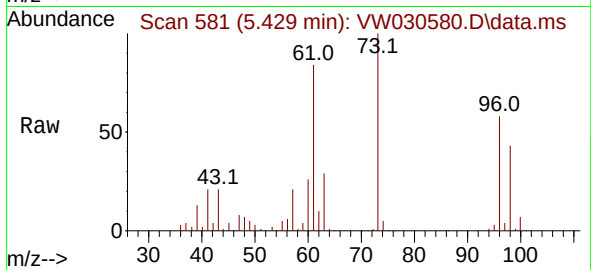
Tgt Ion: 96 Resp: 98706
Ion Ratio Lower Upper
96 100
61 137.4 96.9 179.9
98 65.3 42.2 78.4



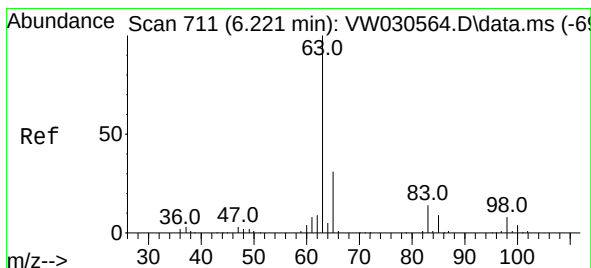
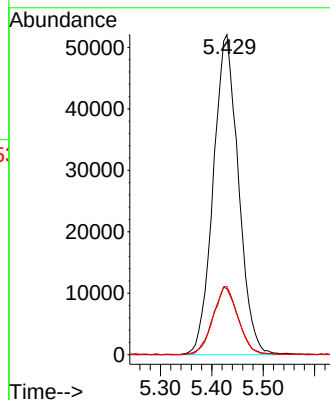
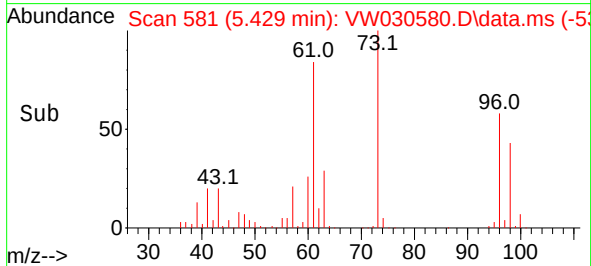


#18
Methyl tert-butyl Ether
Concen: 17.888 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

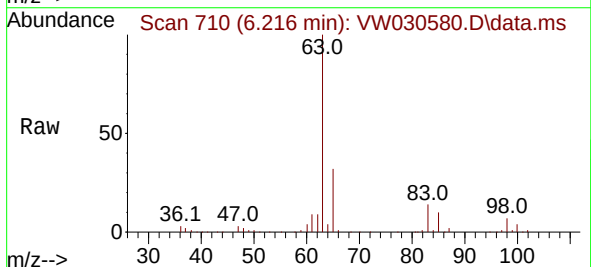
Instrument :
MSVOA_W
ClientSampleId :



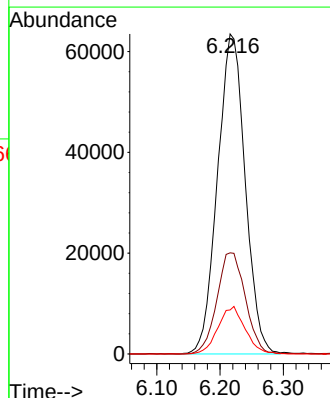
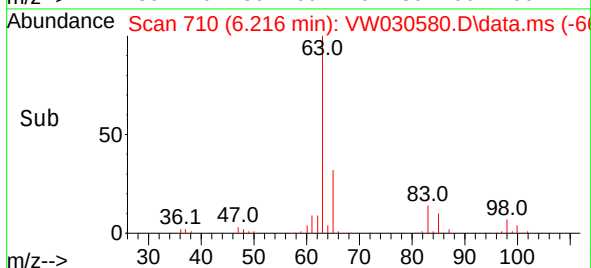
Tgt Ion: 73 Resp: 177211
Ion Ratio Lower Upper
73 100
43 21.4 18.1 27.1
57 21.2 17.7 26.5

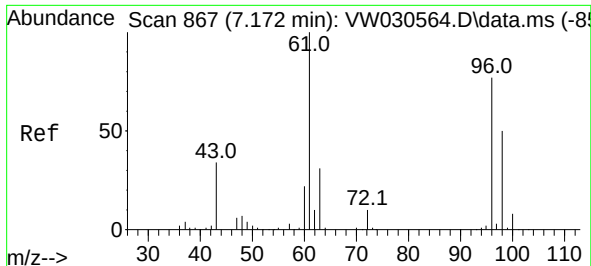


#19
1,1-Dichloroethane
Concen: 14.647 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50



Tgt Ion: 63 Resp: 192703
Ion Ratio Lower Upper
63 100
65 31.6 22.5 41.9
83 13.8 9.8 18.2

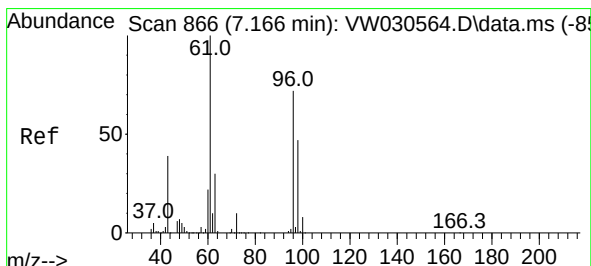
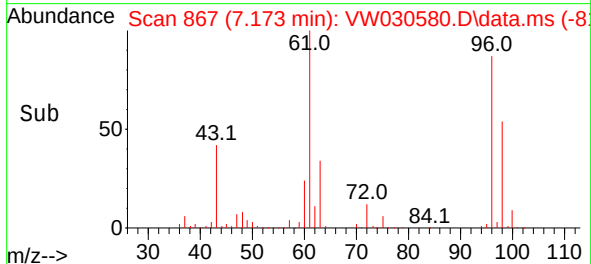
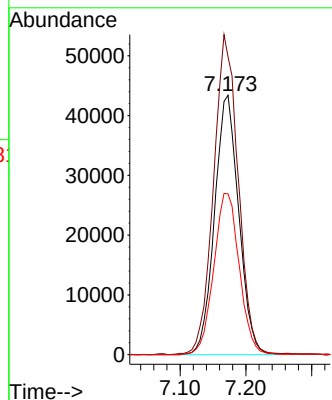
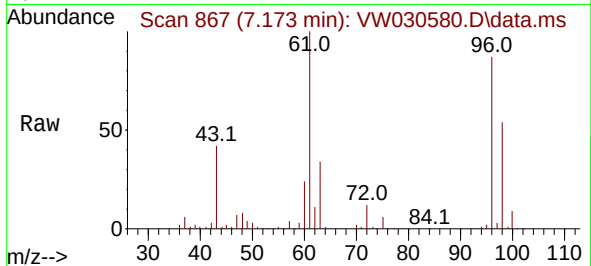




#20
cis-1,2-Dichloroethene
Concen: 14.749 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

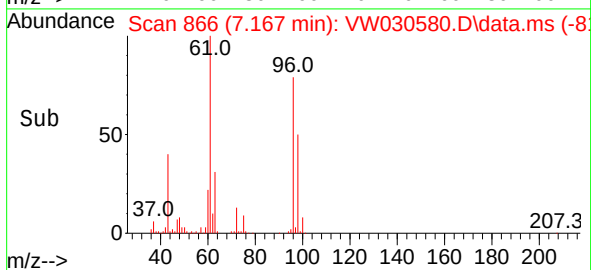
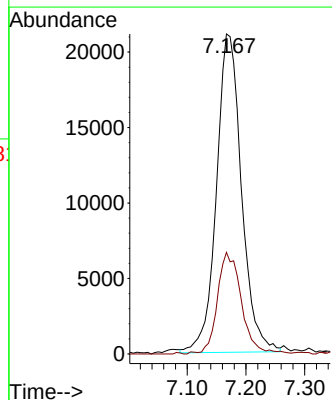
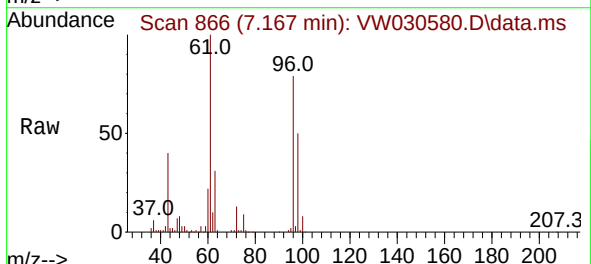
Instrument :
MSVOA_W
ClientSampleId :

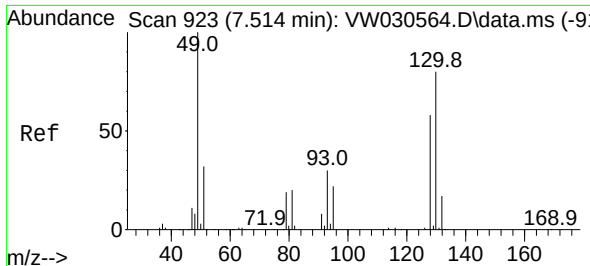
Tgt Ion: 96 Resp: 111359
Ion Ratio Lower Upper
96 100
61 114.8 88.3 163.9
98 62.0 41.3 76.7



#22
2-Butanone
Concen: 28.652 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

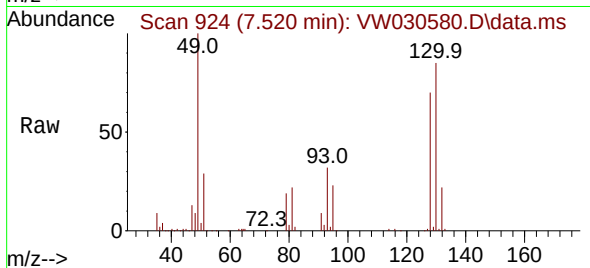
Tgt Ion: 43 Resp: 62539
Ion Ratio Lower Upper
43 100
72 30.1 14.4 43.0



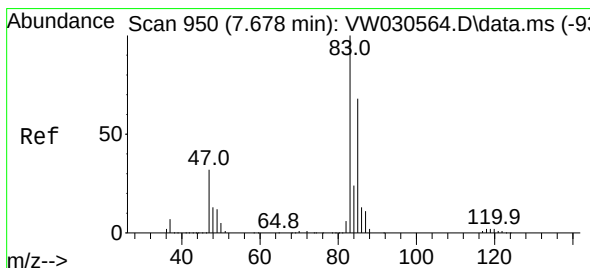
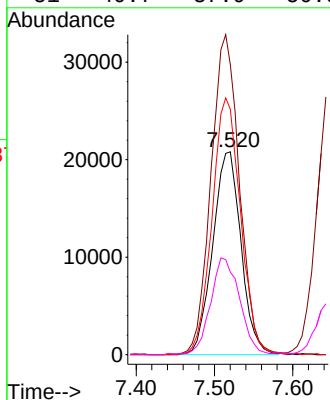
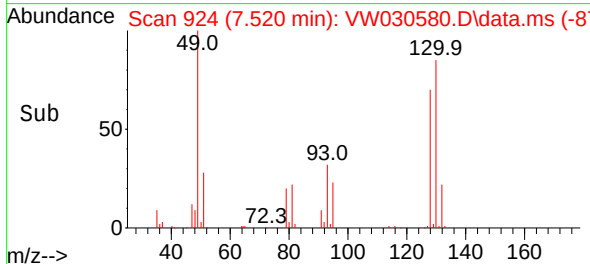


#23
Bromochloromethane
Concen: 15.790 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Instrument :
MSVOA_W
ClientSampleId :

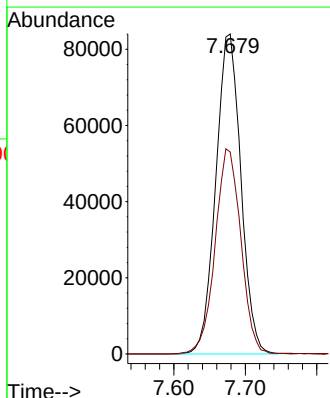
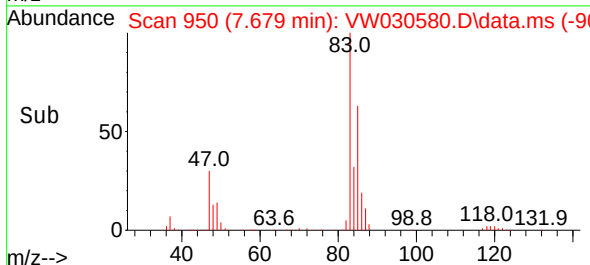
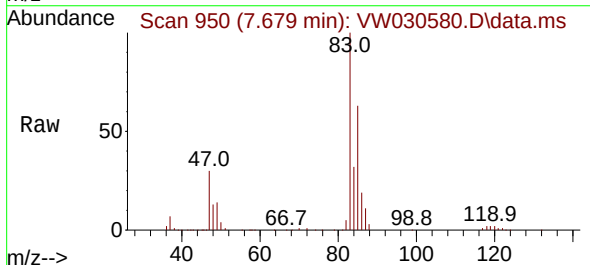


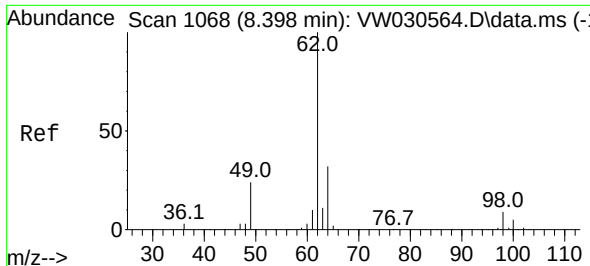
Tgt Ion:128 Resp: 52154
Ion Ratio Lower Upper
128 100
49 142.9 110.1 204.5
130 121.0 82.9 153.9
51 40.7 37.9 56.9



#25
Chloroform
Concen: 14.580 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion: 83 Resp: 204983
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7





#27

1,2-Dichloroethane

Concen: 14.027 ug/L

RT: 8.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

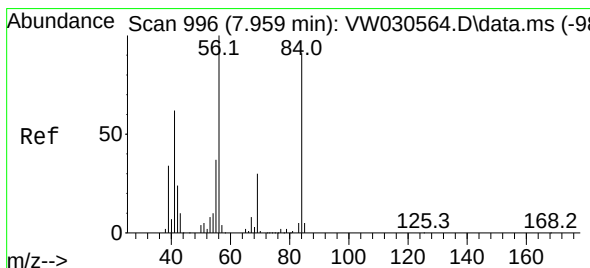
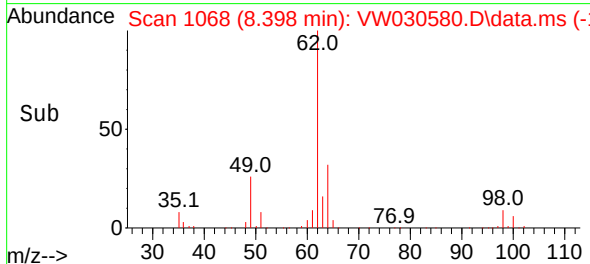
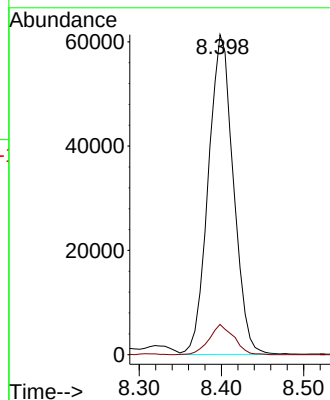
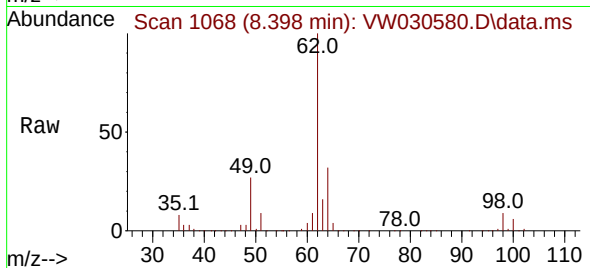
ClientSampleId :

Tgt Ion: 62 Resp: 130102

Ion Ratio Lower Upper

62 100

98 9.4 7.0 10.6



#29

Cyclohexane

Concen: 16.304 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

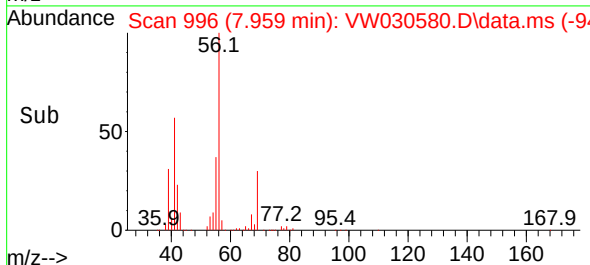
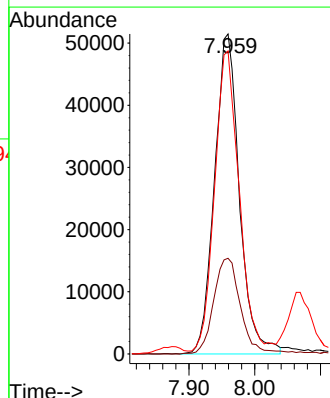
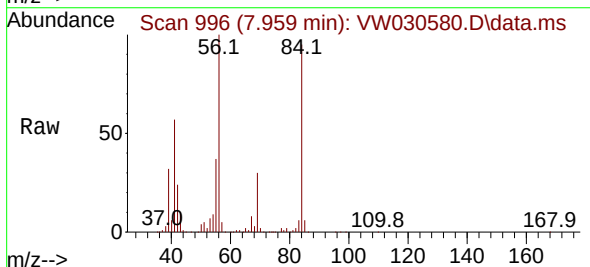
Tgt Ion: 56 Resp: 135523

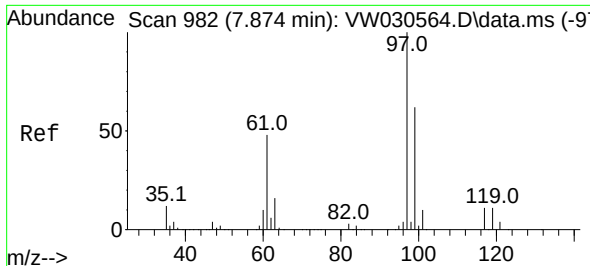
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 93.4 72.3 108.5





#30

1,1,1-Trichloroethane

Concen: 18.249 ug/L

RT: 7.874 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

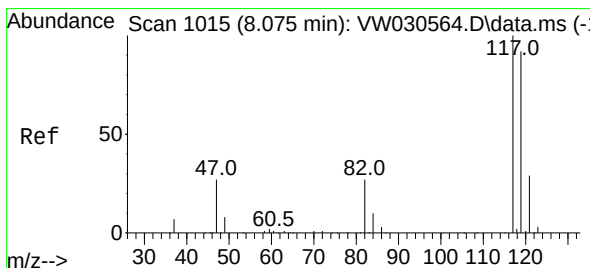
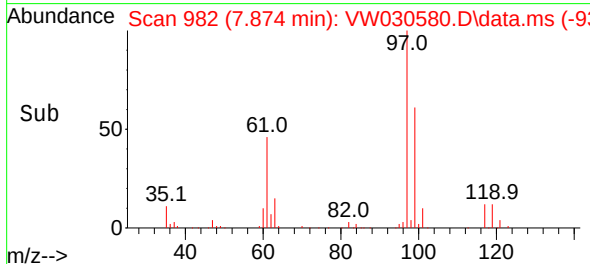
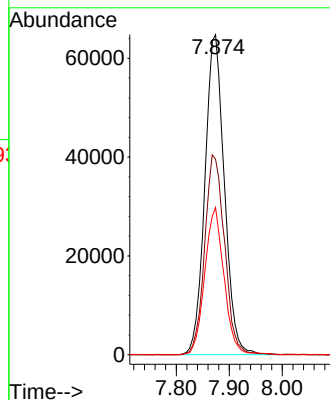
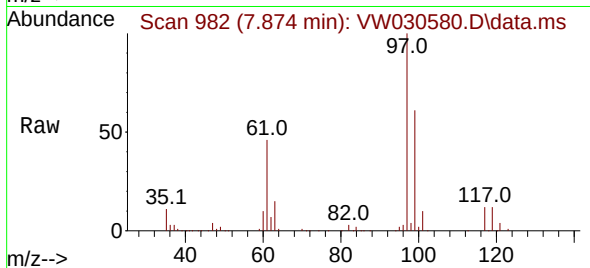
Tgt Ion: 97 Resp: 165424

Ion Ratio Lower Upper

97 100

99 63.7 52.3 78.5

61 45.2 38.5 57.7



#31

Carbon tetrachloride

Concen: 16.122 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030580.D

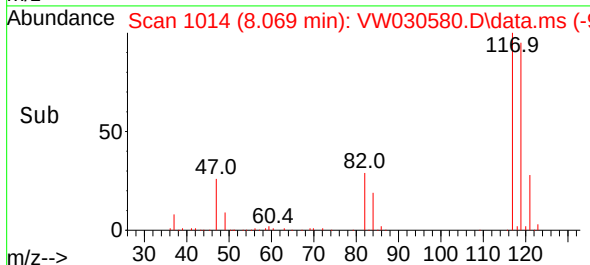
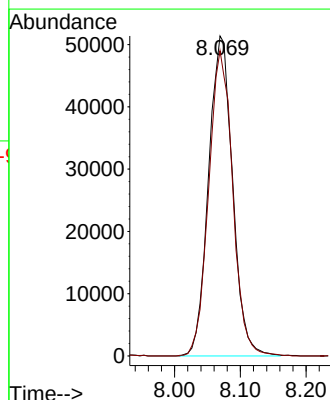
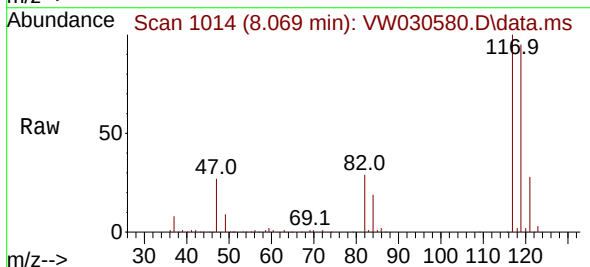
Acq: 12 Oct 2024 04:50

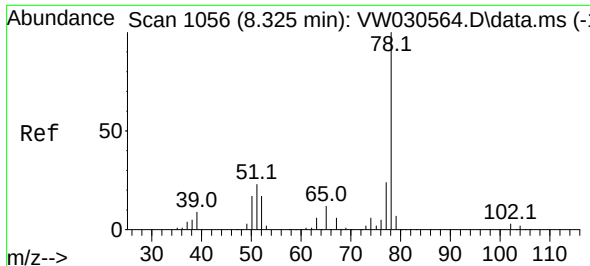
Tgt Ion: 117 Resp: 130527

Ion Ratio Lower Upper

117 100

119 95.4 77.8 116.8

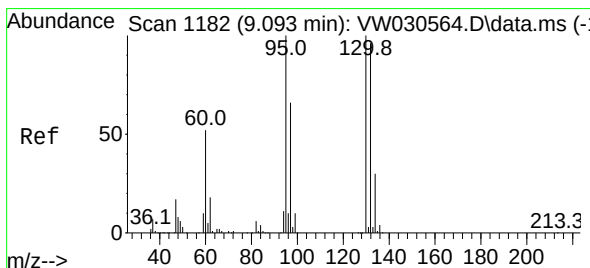
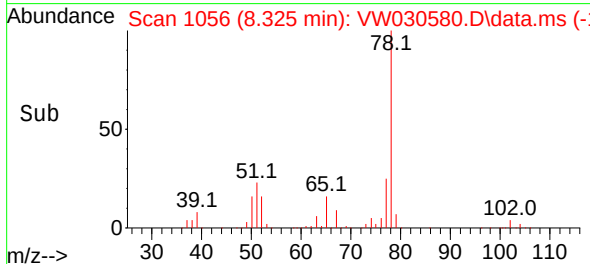
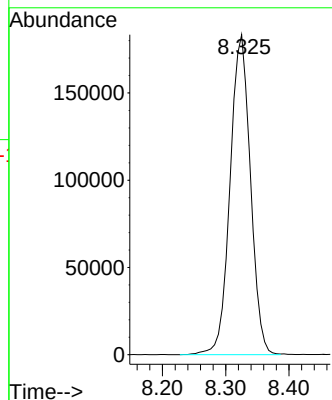
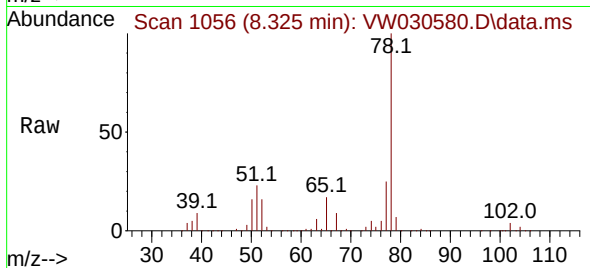




#33
Benzene
Concen: 18.471 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Instrument :
MSVOA_W
ClientSampleId :

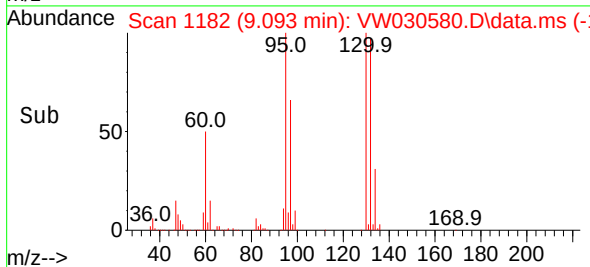
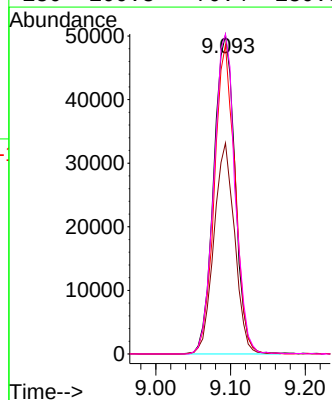
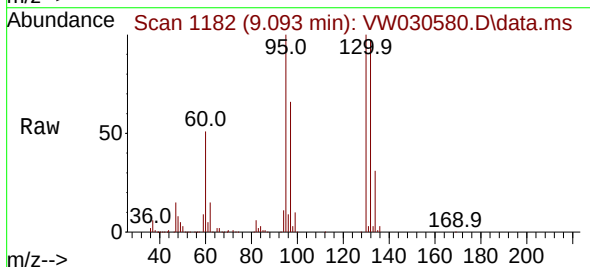
Tgt Ion: 78 Resp: 410458

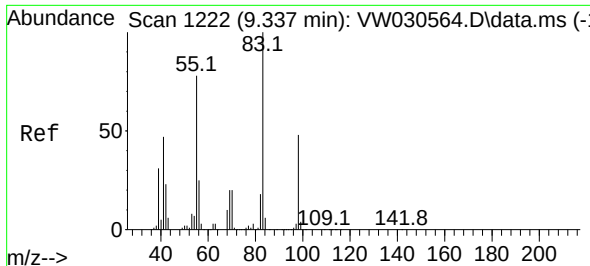


#34
Trichloroethene
Concen: 16.130 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion: 95 Resp: 99716

Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.9	85.3
132	97.0	66.4	123.2
130	100.3	70.4	130.8





#35

Methylcyclohexane

Concen: 14.096 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

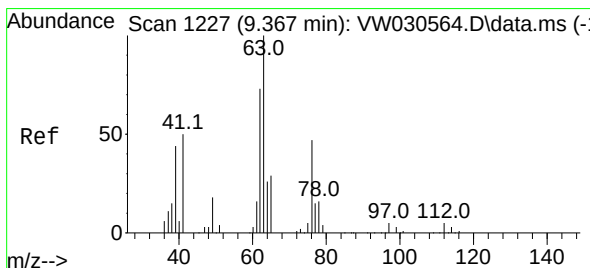
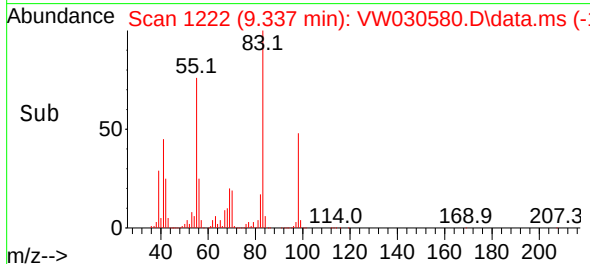
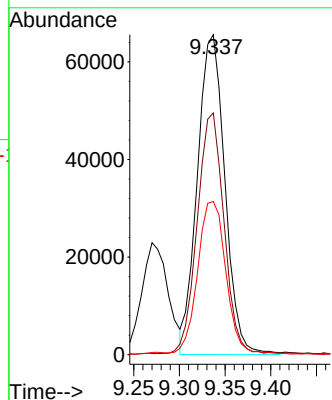
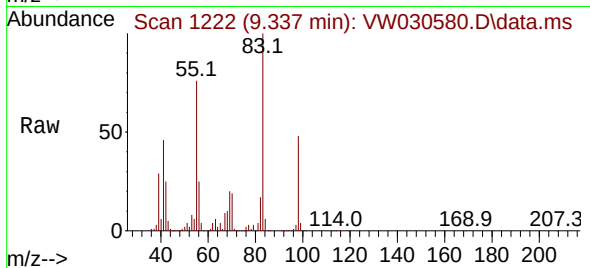
Tgt Ion: 83 Resp: 137140

Ion Ratio Lower Upper

83 100

55 72.5 61.8 92.8

98 49.1 39.3 58.9



#37

1,2-Dichloropropane

Concen: 18.067 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030580.D

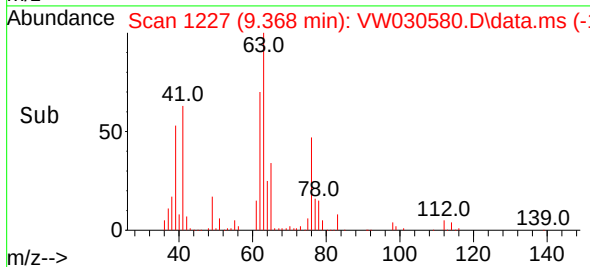
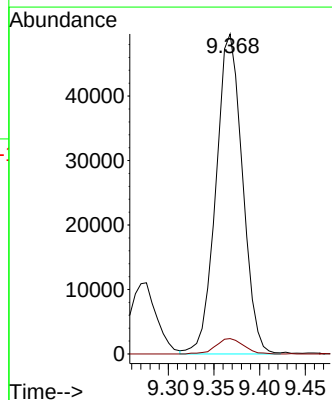
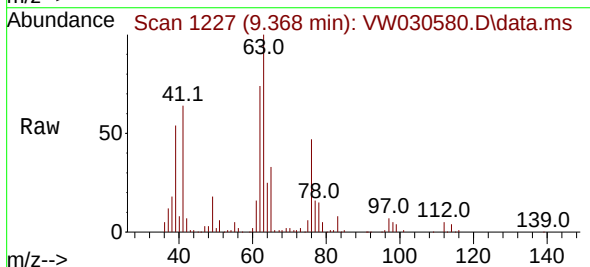
Acq: 12 Oct 2024 04:50

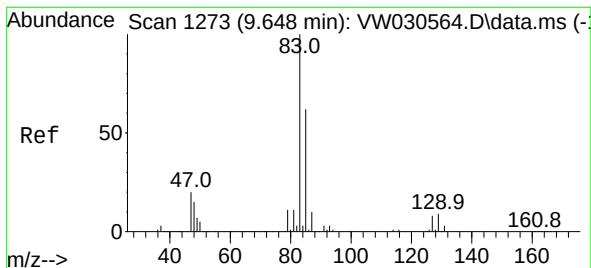
Tgt Ion: 63 Resp: 100269

Ion Ratio Lower Upper

63 100

112 5.0 3.7 5.5





#38

Bromodichloromethane

Concen: 16.122 ug/L

RT: 9.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

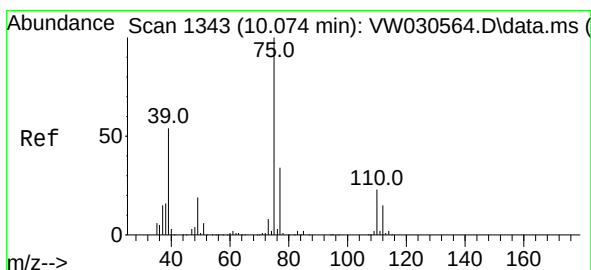
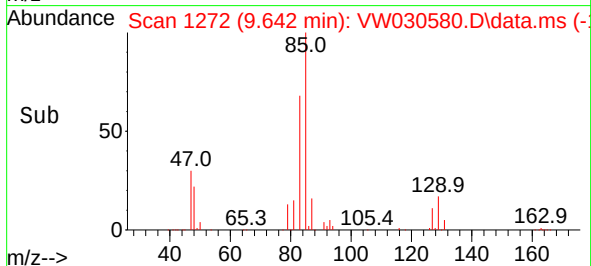
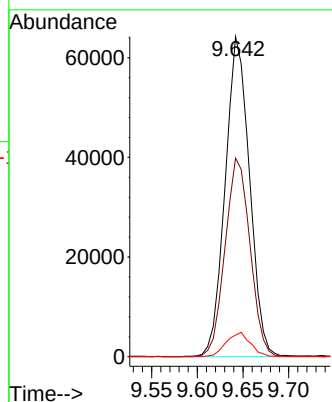
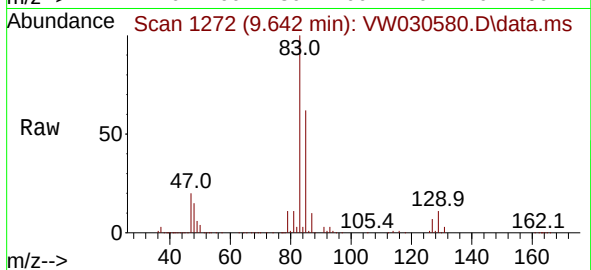
Tgt Ion: 83 Resp: 119042

Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.0

127 6.7 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 16.685 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030580.D

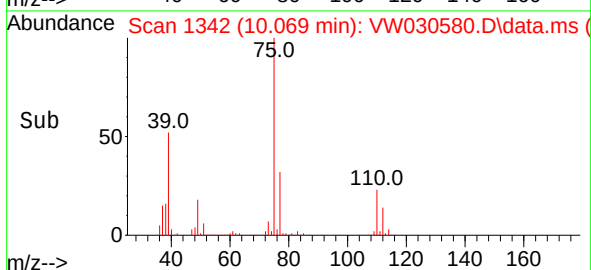
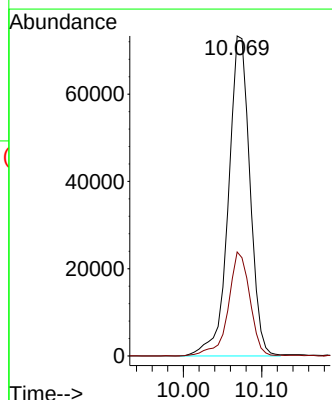
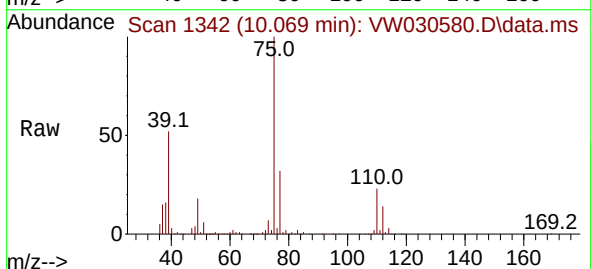
Acq: 12 Oct 2024 04:50

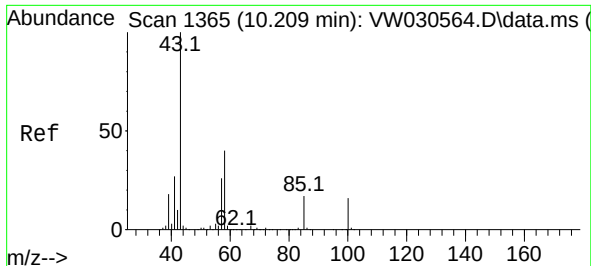
Tgt Ion: 75 Resp: 139676

Ion Ratio Lower Upper

75 100

77 32.5 21.1 39.1





#40

4-Methyl-2-pentanone

Concen: 45.884 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

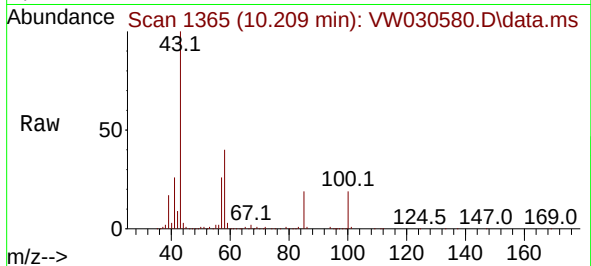
Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :



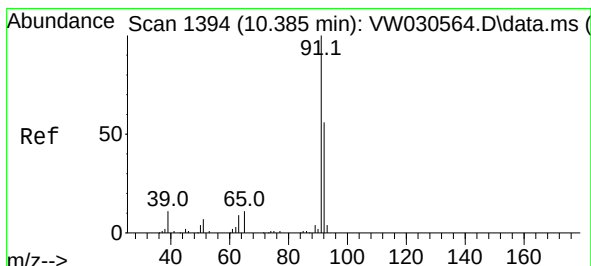
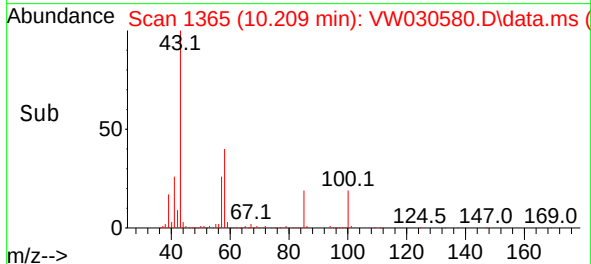
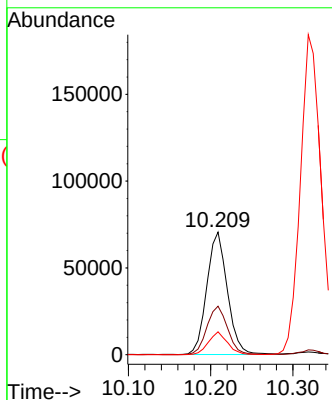
Tgt Ion: 43 Resp: 122339

Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 17.4 13.1 19.7



#42

Toluene

Concen: 16.337 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030580.D

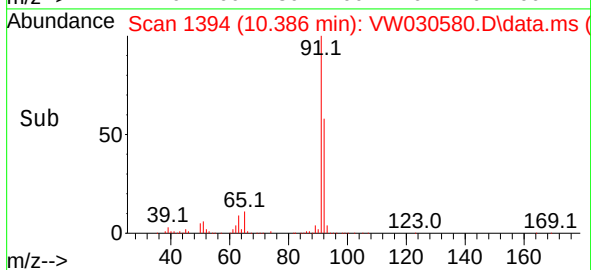
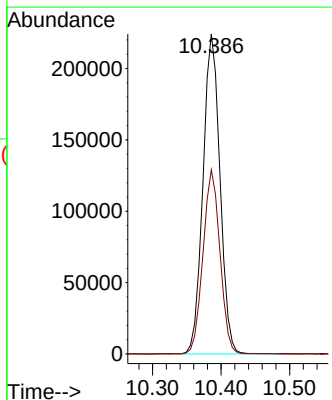
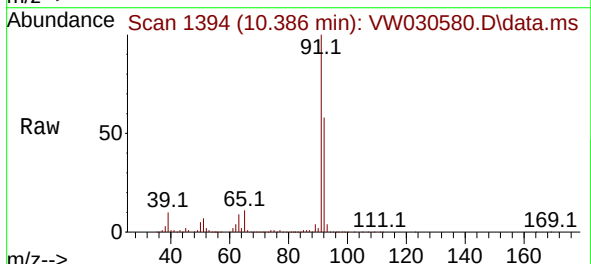
Acq: 12 Oct 2024 04:50

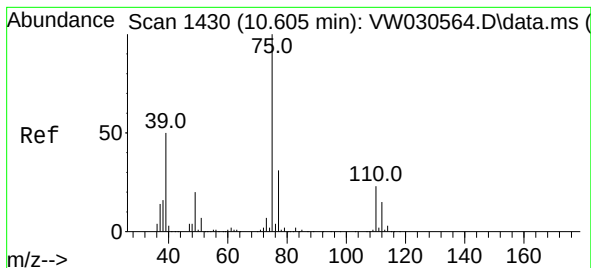
Tgt Ion: 91 Resp: 387301

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 16.280 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

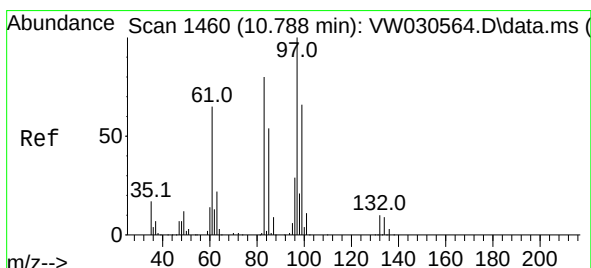
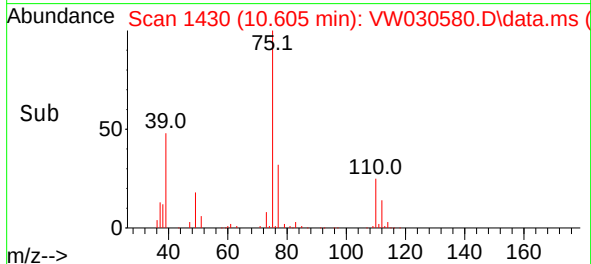
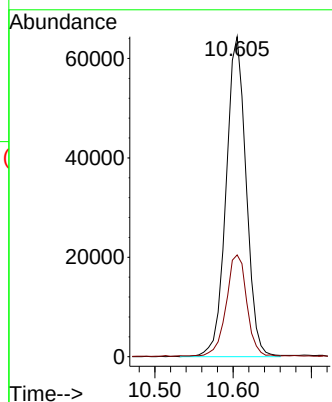
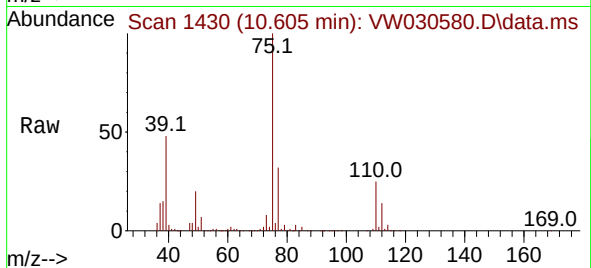
ClientSampleId :

Tgt Ion: 75 Resp: 114523

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 19.128 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Tgt Ion: 97 Resp: 76726

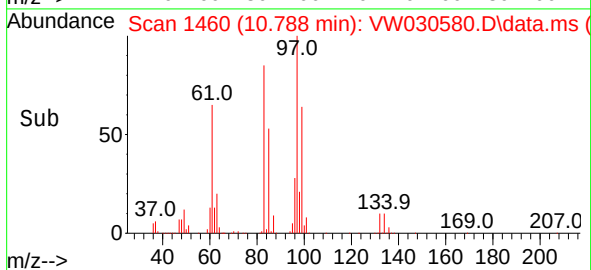
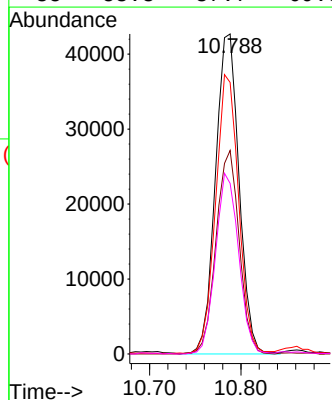
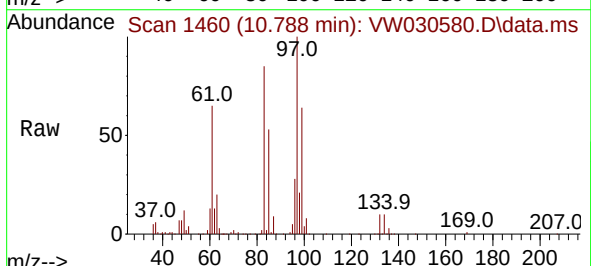
Ion Ratio Lower Upper

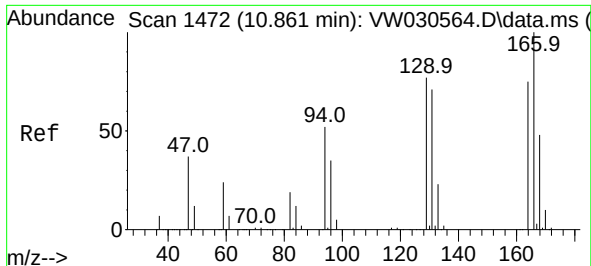
97 100

99 63.6 41.2 76.6

83 84.8 59.6 110.6

85 53.3 37.7 69.9





#46

Tetrachloroethene

Concen: 13.129 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

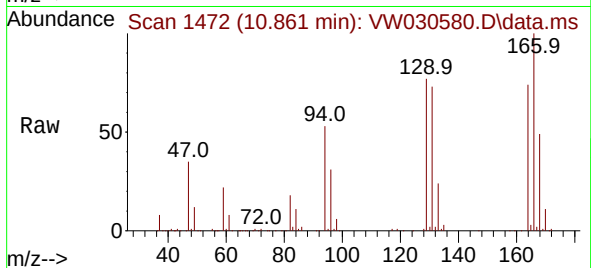
Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 59865

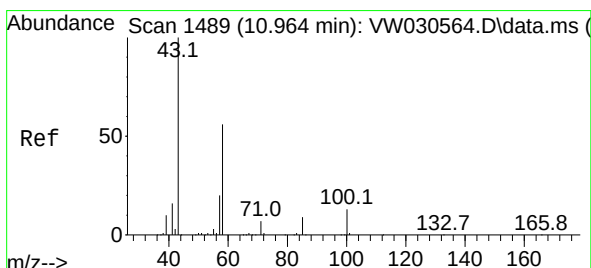
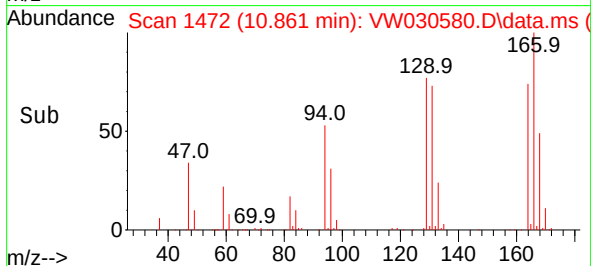
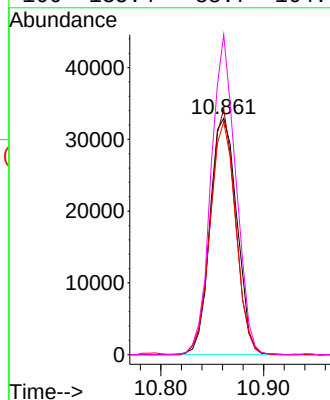
Ion Ratio Lower Upper

164 100

129 104.0 66.6 123.6

131 98.6 63.7 118.3

166 135.4 88.7 164.7



#48

2-Hexanone

Concen: 39.731 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Tgt Ion: 43 Resp: 86630

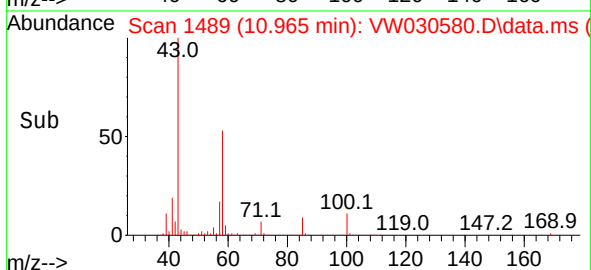
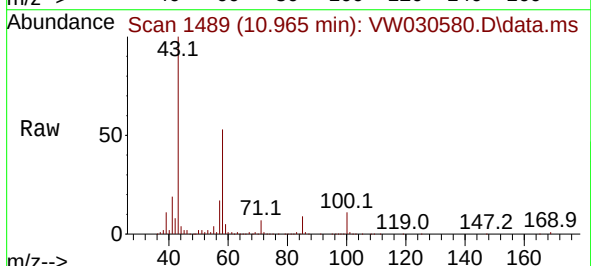
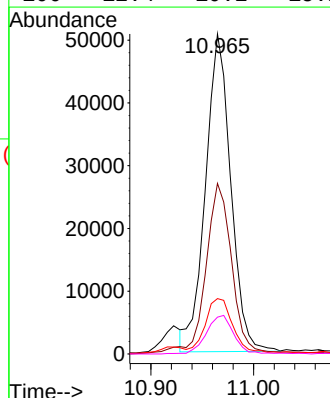
Ion Ratio Lower Upper

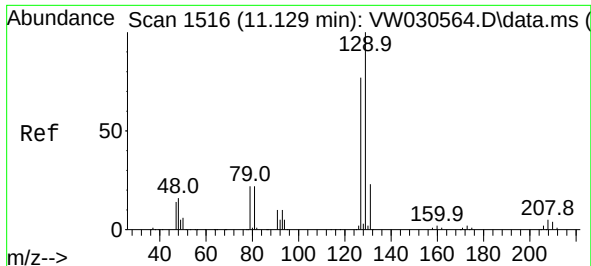
43 100

58 51.8 44.6 67.0

57 18.1 15.8 23.8

100 12.4 10.2 15.2





#49

Dibromochloromethane

Concen: 15.169 ug/L

RT: 11.123 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

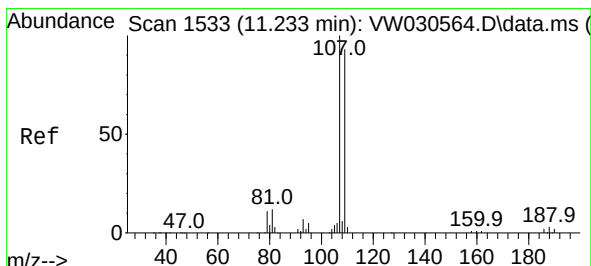
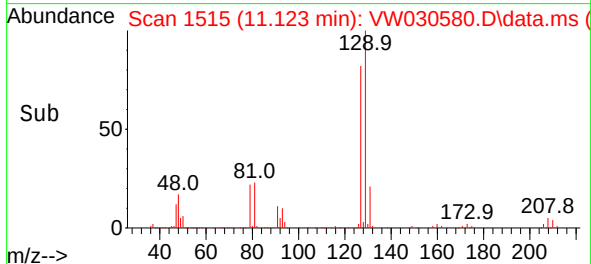
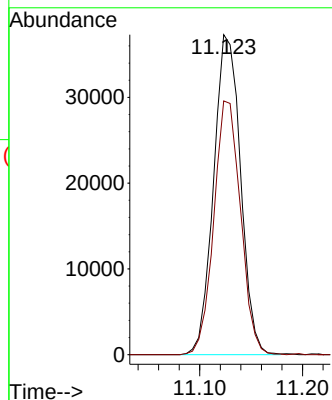
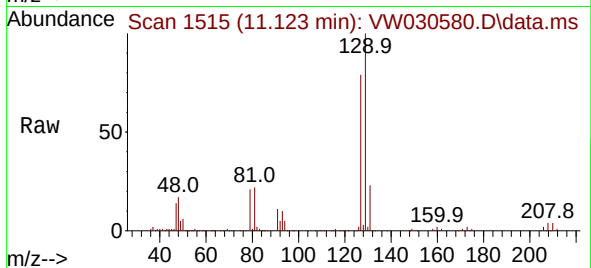
ClientSampleId :

Tgt Ion:129 Resp: 67889

Ion Ratio Lower Upper

129 100

127 79.3 56.5 104.9



#50

1,2-Dibromoethane

Concen: 18.093 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

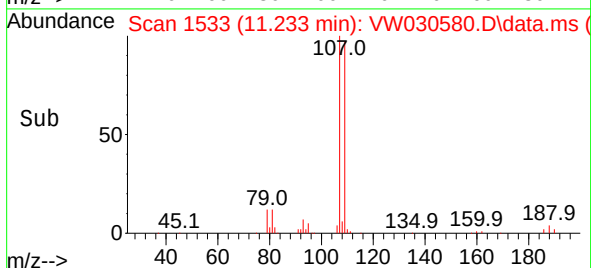
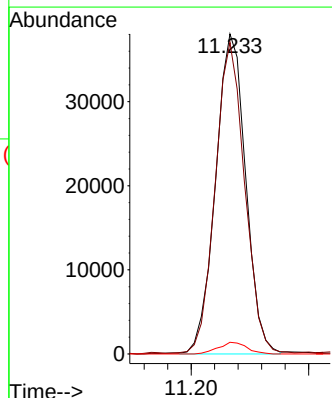
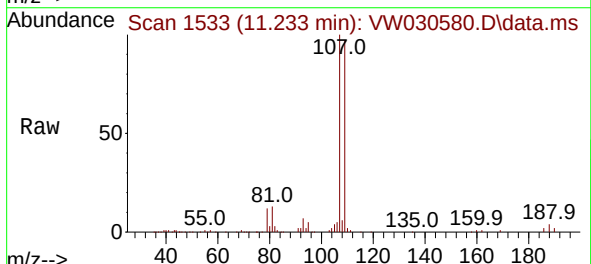
Tgt Ion:107 Resp: 67717

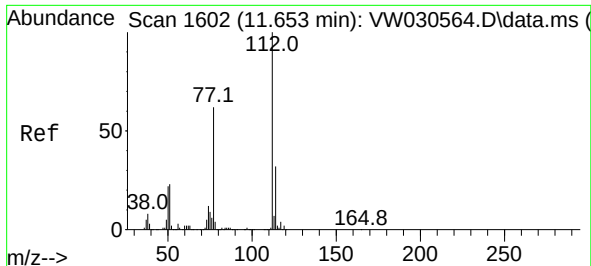
Ion Ratio Lower Upper

107 100

109 97.4 63.8 118.6

188 3.6 2.6 3.8





#51

Chlorobenzene

Concen: 13.768 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

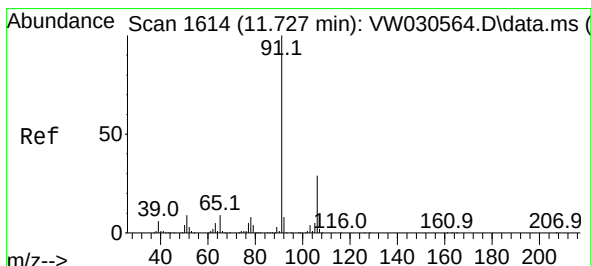
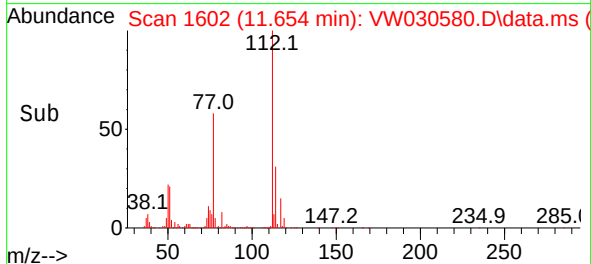
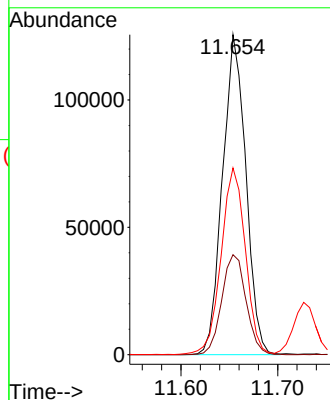
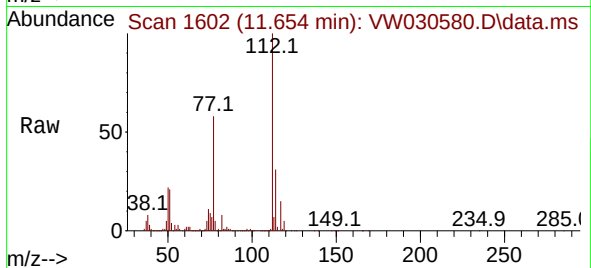
Tgt Ion:112 Resp: 210117

Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 58.3 47.1 70.7



#52

Ethylbenzene

Concen: 13.089 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030580.D

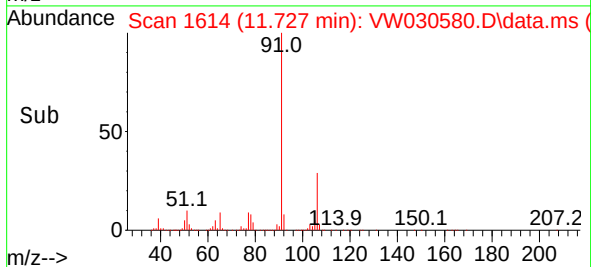
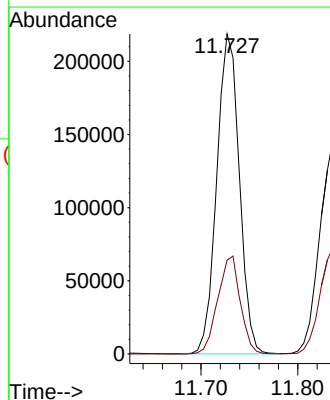
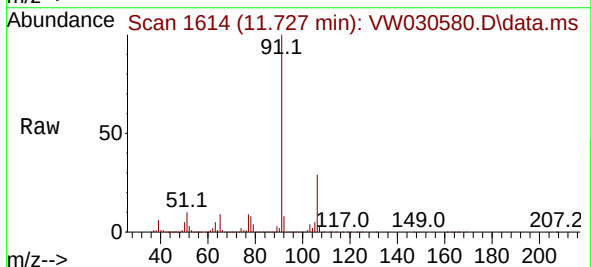
Acq: 12 Oct 2024 04:50

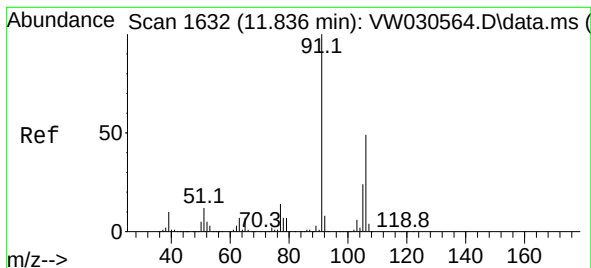
Tgt Ion: 91 Resp: 354072

Ion Ratio Lower Upper

91 100

106 29.3 21.1 39.1





#53

m,p-Xylene

Concen: 13.010 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

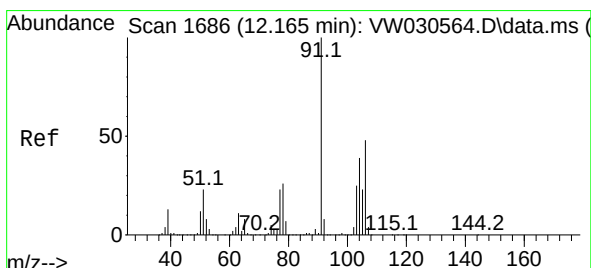
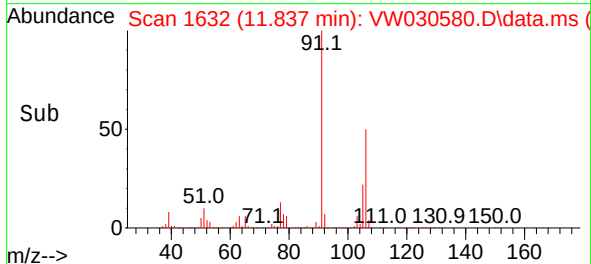
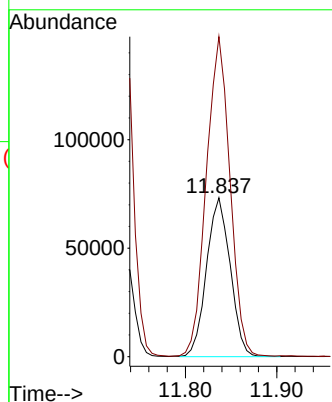
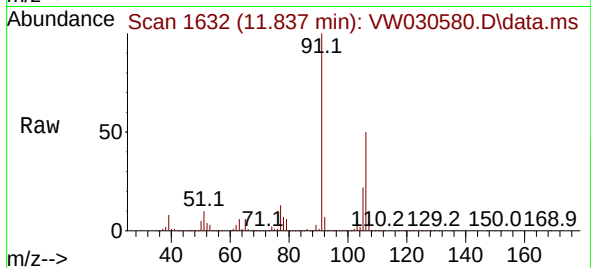
ClientSampleId :

Tgt Ion:106 Resp: 131853

Ion Ratio Lower Upper

106 100

91 201.4 140.6 261.2



#54

o-Xylene

Concen: 13.890 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030580.D

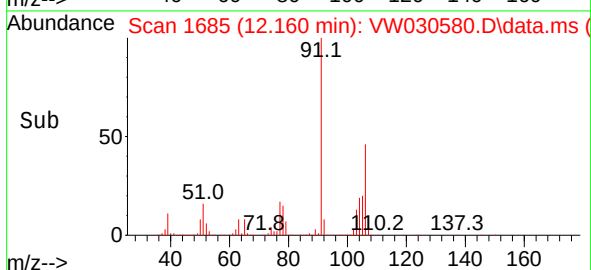
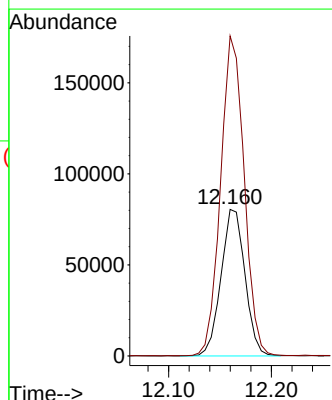
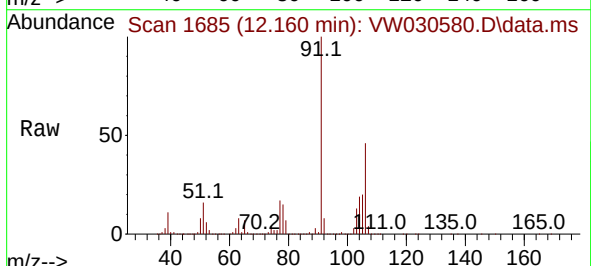
Acq: 12 Oct 2024 04:50

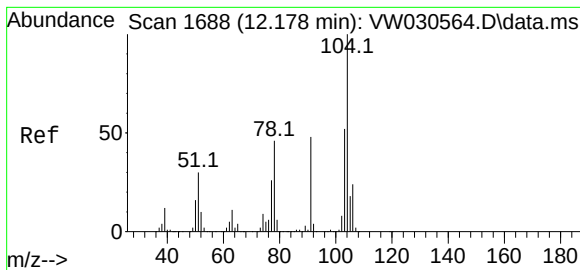
Tgt Ion:106 Resp: 130138

Ion Ratio Lower Upper

106 100

91 218.3 144.5 268.4

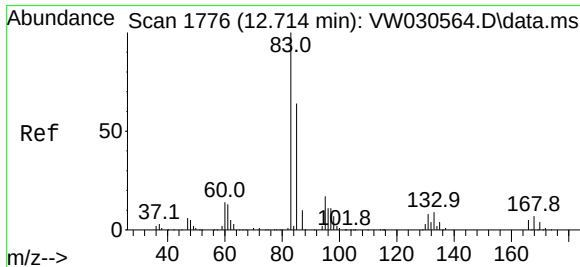
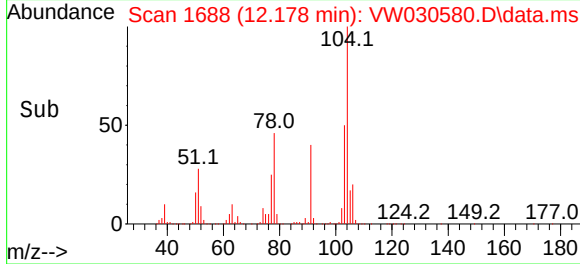
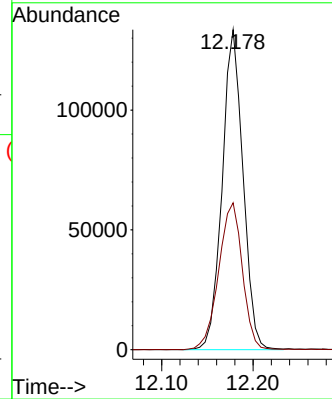
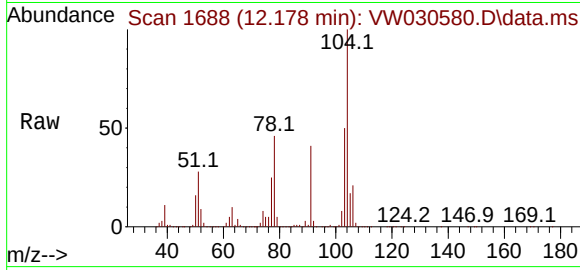




#55
Styrene
Concen: 13.223 ug/L
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

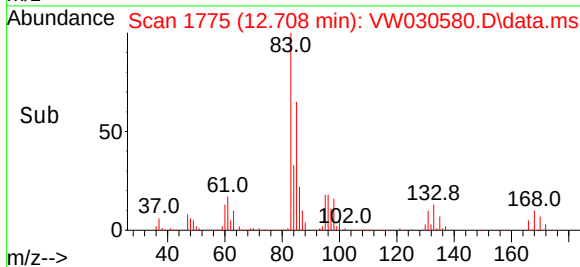
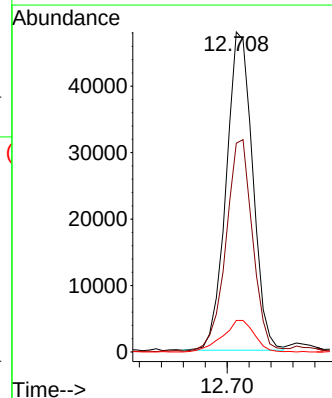
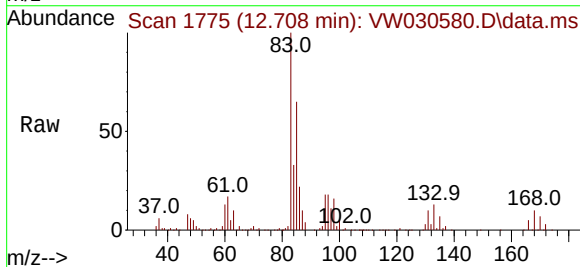
Instrument :
MSVOA_W
ClientSampleId :

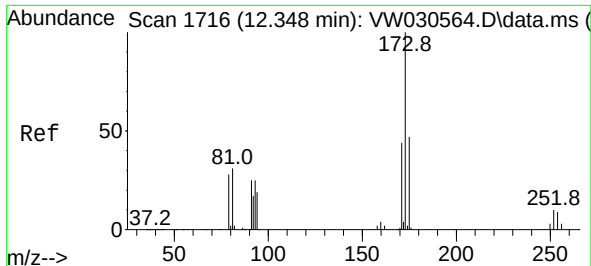
Tgt Ion:104 Resp: 211803
Ion Ratio Lower Upper
104 100
78 45.9 34.3 63.7



#57
1,1,2,2-Tetrachloroethane
Concen: 17.760 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

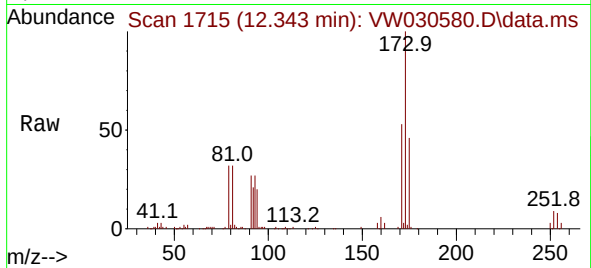
Tgt Ion: 83 Resp: 80335
Ion Ratio Lower Upper
83 100
85 65.2 42.6 79.2
131 9.9 7.4 11.0



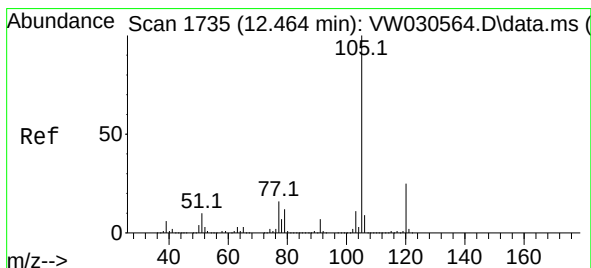
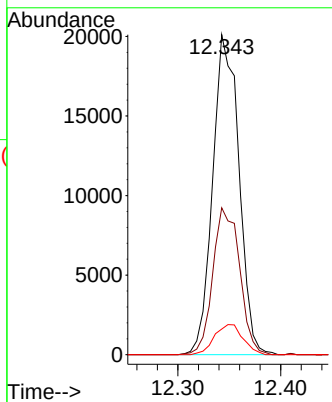
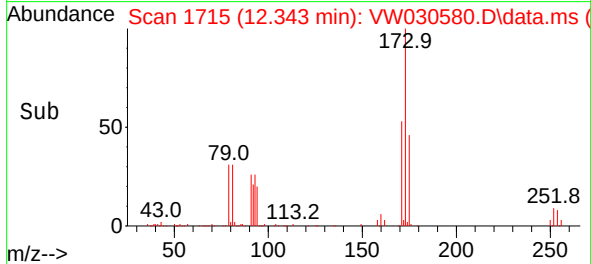


#59
Bromoform
Concen: 21.210 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Instrument :
MSVOA_W
ClientSampleId :

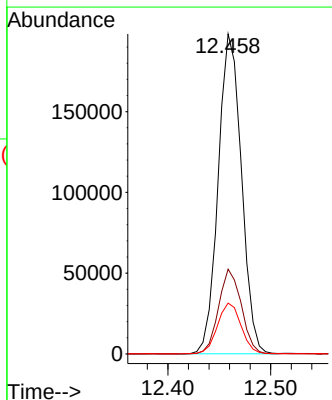
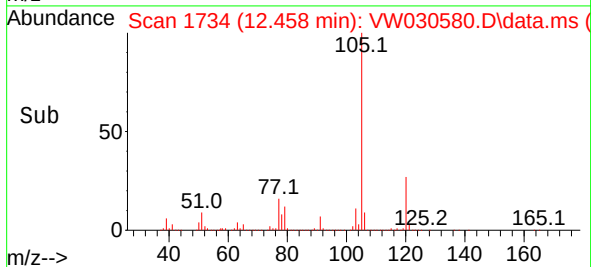
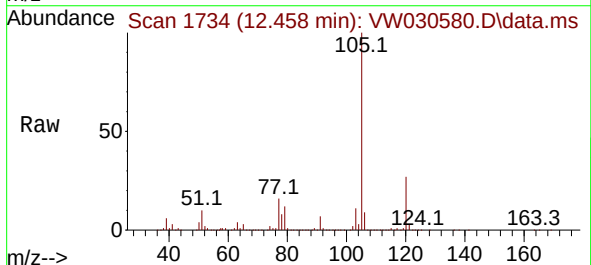


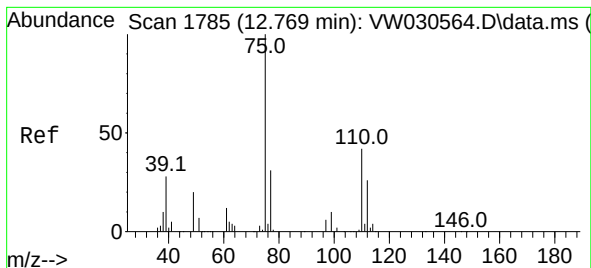
Tgt Ion:173 Resp: 35640
Ion Ratio Lower Upper
173 100
175 47.0 39.0 58.4
254 10.3 7.7 11.5



#60
Isopropylbenzene
Concen: 16.772 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion:105 Resp: 310638
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.1 13.4 20.0

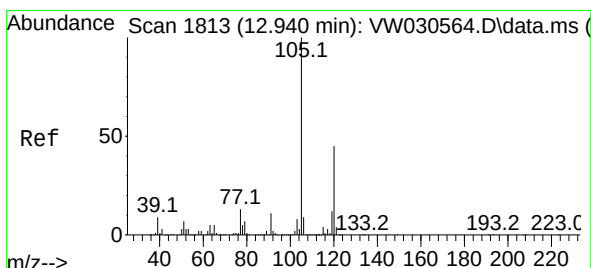
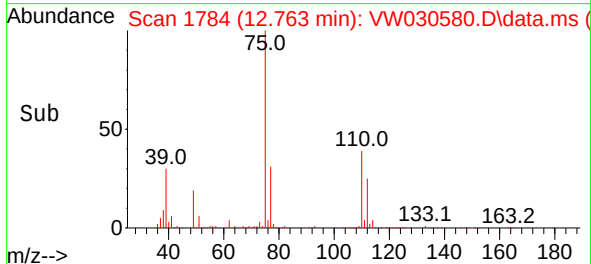
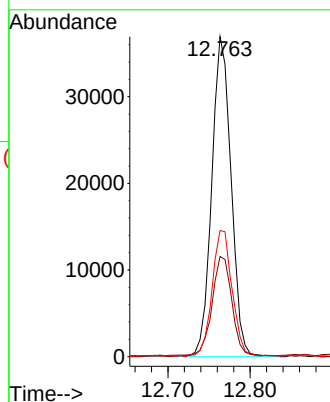
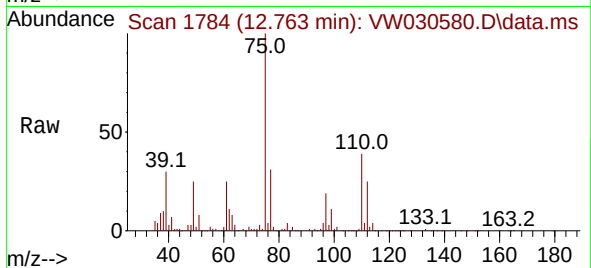




#61
1,2,3-Trichloropropane
Concen: 25.929 ug/L
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

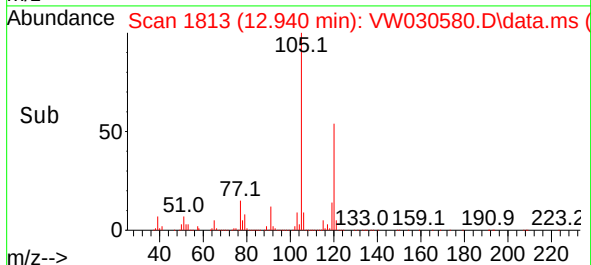
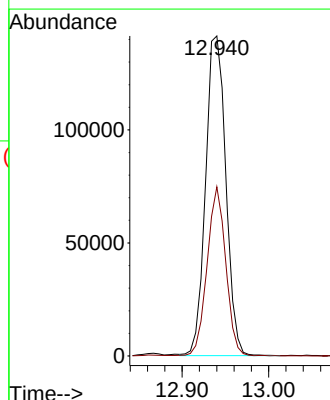
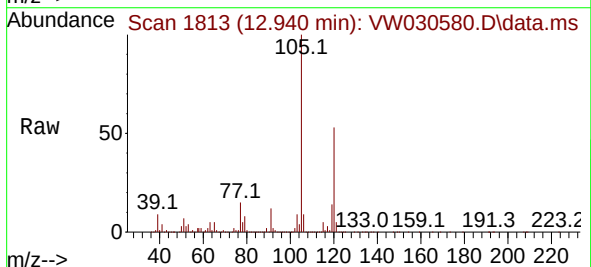
Instrument :
MSVOA_W
ClientSampleId :

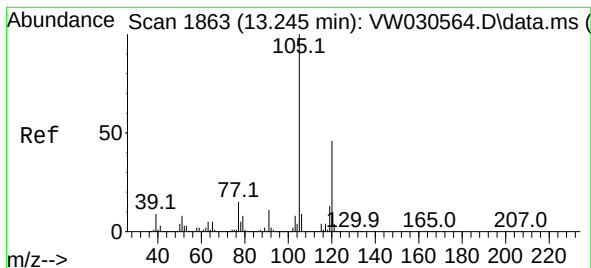
Tgt Ion: 75 Resp: 60343
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 40.9 32.3 48.5



#62
1,3,5-Trimethylbenzene
Concen: 15.717 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030580.D
Acq: 12 Oct 2024 04:50

Tgt Ion:105 Resp: 229654
Ion Ratio Lower Upper
105 100
120 48.7 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 15.868 ug/L

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

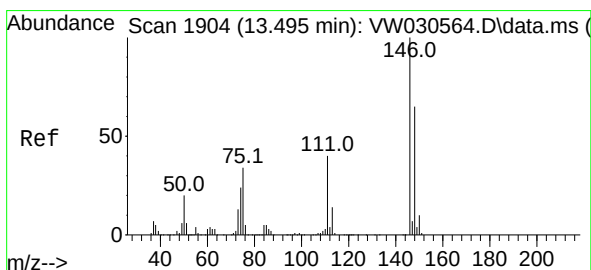
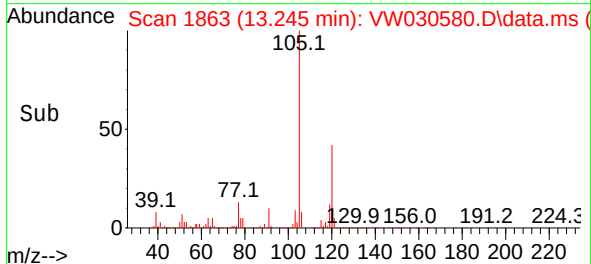
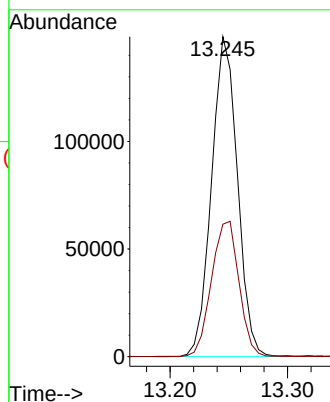
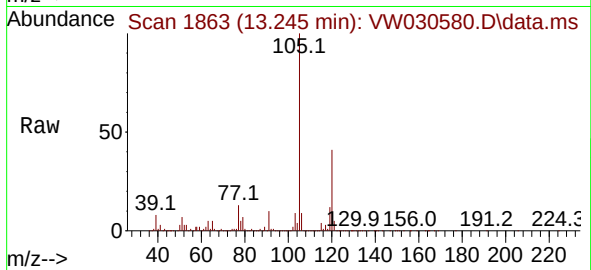
ClientSampleId :

Tgt Ion:105 Resp: 227024

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 14.652 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

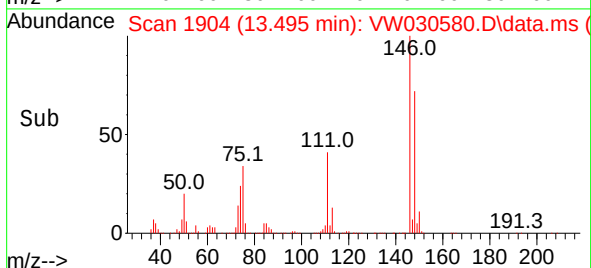
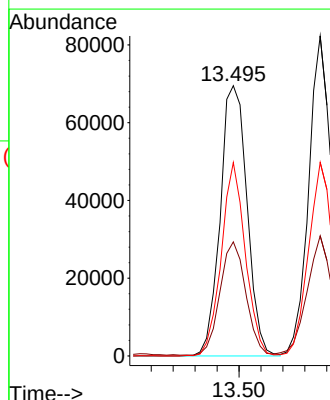
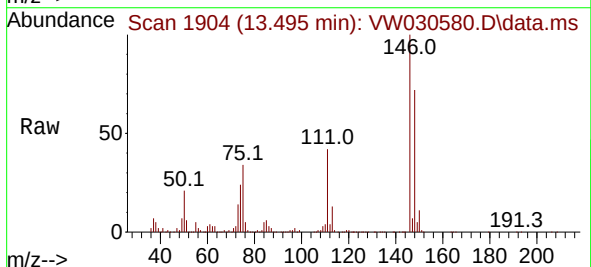
Tgt Ion:146 Resp: 118122

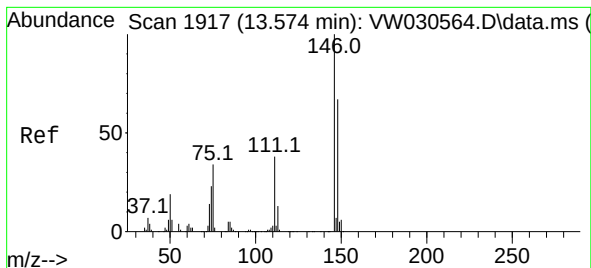
Ion Ratio Lower Upper

146 100

111 42.2 31.2 58.0

148 71.6 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 14.657 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

Instrument :

MSVOA_W

ClientSampleId :

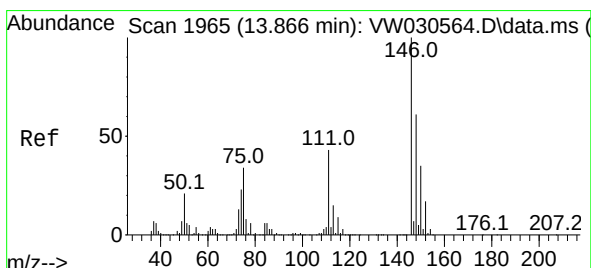
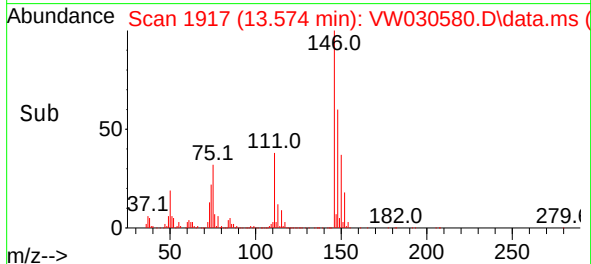
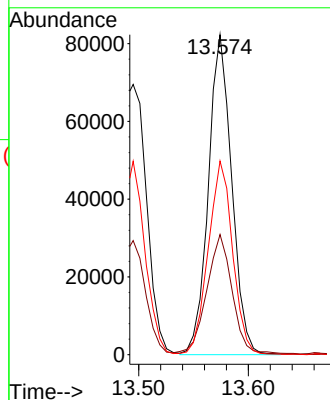
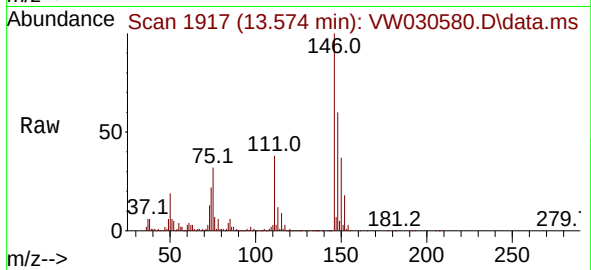
Tgt Ion:146 Resp: 122014

Ion Ratio Lower Upper

146 100

111 37.5 26.8 49.8

148 60.5 41.0 76.2



#67

1,2-Dichlorobenzene

Concen: 15.223 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030580.D

Acq: 12 Oct 2024 04:50

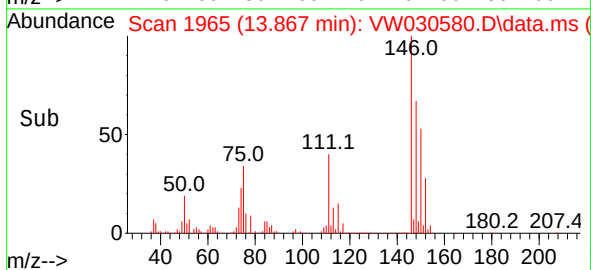
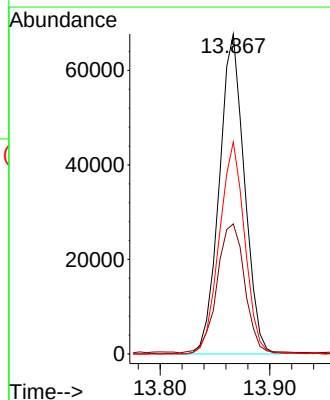
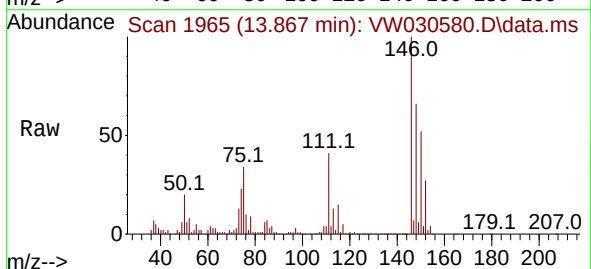
Tgt Ion:146 Resp: 107994

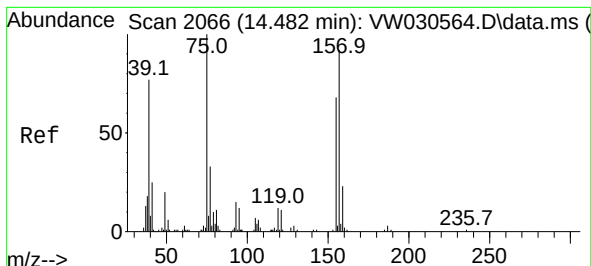
Ion Ratio Lower Upper

146 100

111 40.6 34.6 52.0

148 66.3 53.3 79.9

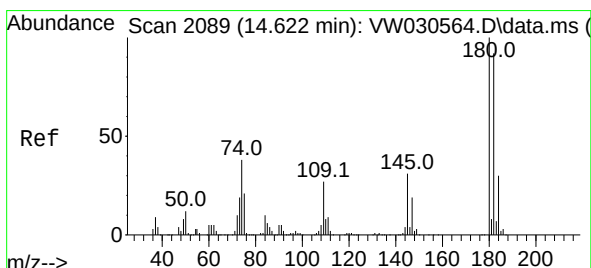
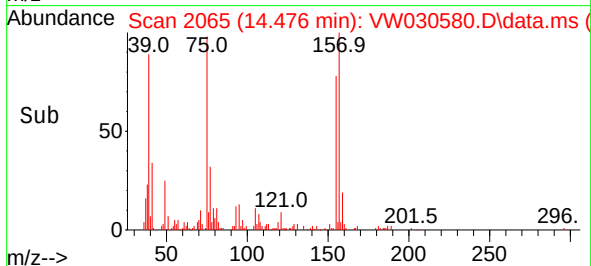
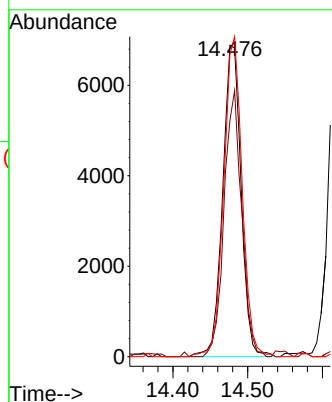
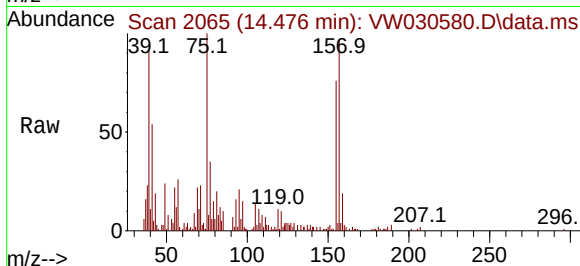




#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.755 ug/L
 RT: 14.476 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

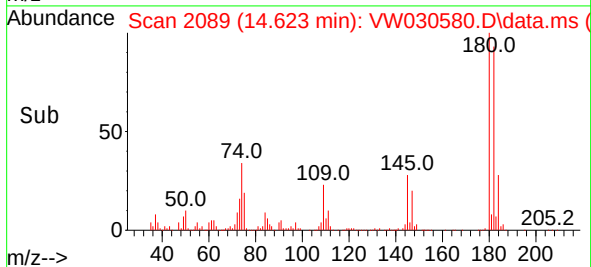
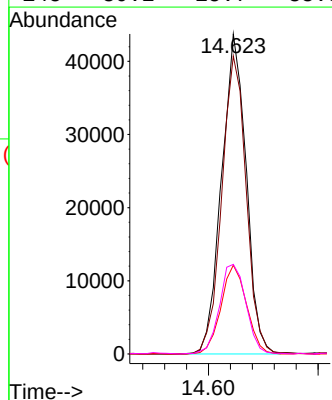
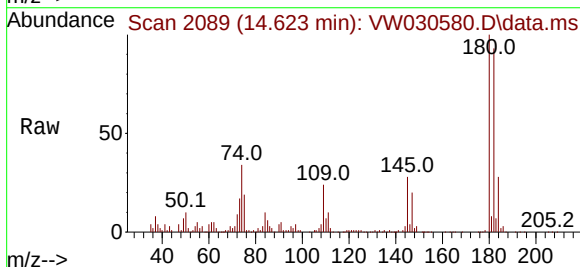
Instrument :
 MSVOA_W
 ClientSampleId :

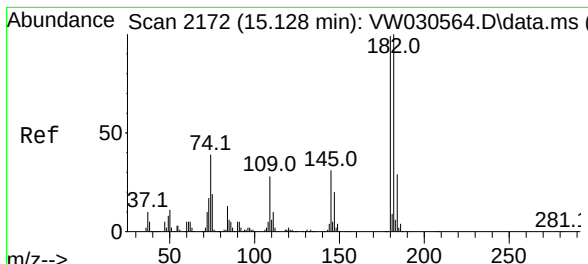
Tgt Ion:	75	Resp:	11808
Ion Ratio	Lower	Upper	
75	100		
155	75.8	57.9	86.9
157	97.1	69.0	103.6



#69
 1,3,5-Trichlorobenzene
 Concen: 12.783 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

Tgt Ion:	180	Resp:	67958
Ion Ratio	Lower	Upper	
180	100		
182	92.7	79.9	119.9
184	29.0	25.2	37.8
145	30.2	25.7	38.5

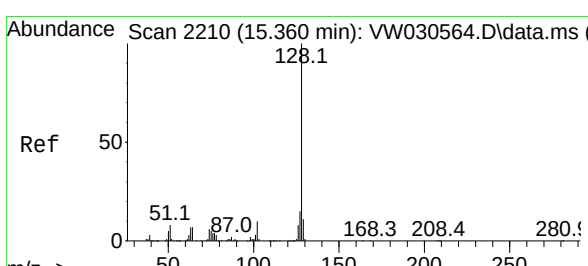
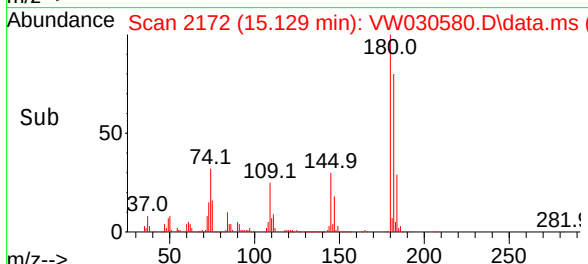
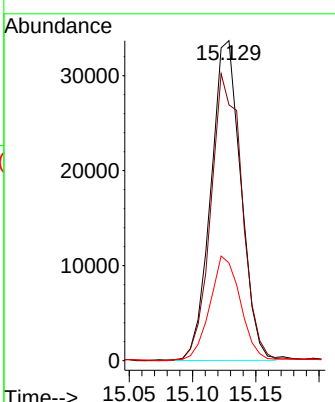
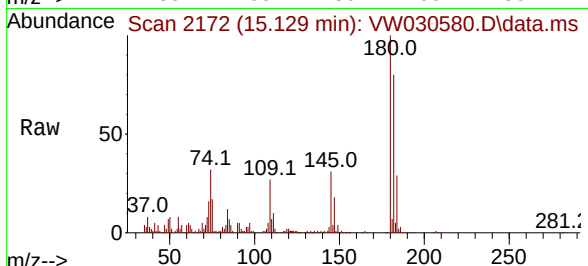




#70
 1,2,4-trichlorobenzene
 Concen: 13.007 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

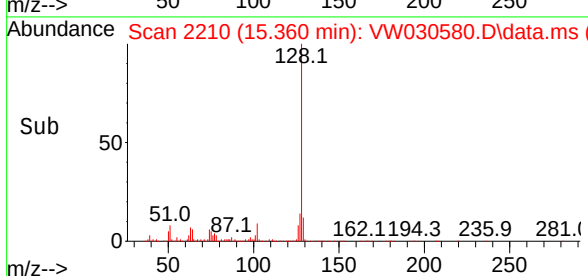
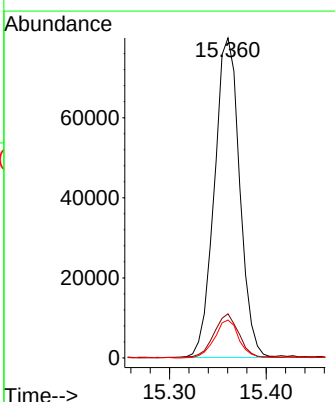
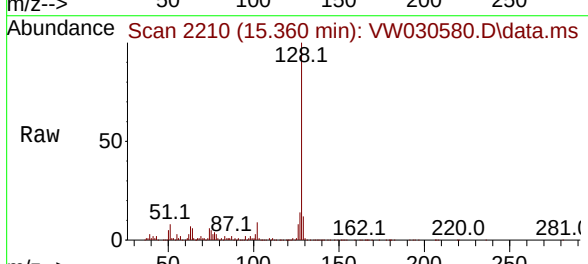
Instrument :
 MSVOA_W
 ClientSampleId :

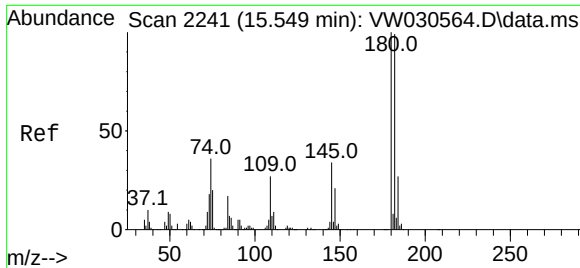
Tgt Ion:	180	Resp:	55666
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.2	112.8
145	33.4	25.4	38.2



#71
 Naphthalene
 Concen: 19.577 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

Tgt Ion:	128	Resp:	144754
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.9	16.3
129	11.5	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 12.898 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030580.D
 Acq: 12 Oct 2024 04:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180	Resp:	47855
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.2 114.4
145	33.7	27.4 41.2

