

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111124\
 Data File : VW030985.D
 Acq On : 11 Nov 2024 12:22
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 00:21:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 12 00:19:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379403	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126374	18.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.899	69	104749	20.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.021	65	59073	21.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.880%
21) 2-Butanone-d5	7.075	46	62167	55.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.000%
24) Chloroform-d	7.648	84	301231	24.841	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	8.301	65	153396	25.442	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.760%
32) Benzene-d6	8.276	84	586961	24.903	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	9.270	67	178517	25.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.760%
41) Toluene-d8	10.319	98	531354	25.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	10.575	79	67048	23.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.240%
47) 2-Hexanone-d5	10.922	63	50819	56.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136057	28.105	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	179841	27.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	3748	0.855	ug/L #	88
3) Chloromethane	2.216	50	6139	1.040	ug/L	100
5) Vinyl chloride	2.375	62	7872	1.125	ug/L #	64
6) Bromomethane	2.790	94	4879	1.062	ug/L	96
8) Chloroethane	2.936	64	4745	1.119	ug/L	87
9) Trichlorofluoromethane	3.265	101	4162	0.652	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	6925	1.178	ug/L #	90
12) 1,1-Dichloroethene	4.039	96	8027	1.510	ug/L #	1
14) Carbon disulfide	4.387	76	20724	1.186	ug/L #	95
15) Methyl Acetate	4.686	43	1529	0.769	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	6807	1.167	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	8107	1.030	ug/L #	83
19) 1,1-Dichloroethane	6.216	63	13231	1.216	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	6948	1.123	ug/L	97
23) Bromochloromethane	7.514	128	3646	1.345	ug/L	88
25) Chloroform	7.673	83	14715	1.285	ug/L	93
27) 1,2-Dichloroethane	8.398	62	8644	1.212	ug/L #	92
29) Cyclohexane	7.959	56	8226	0.905	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	11409	1.171	ug/L	98

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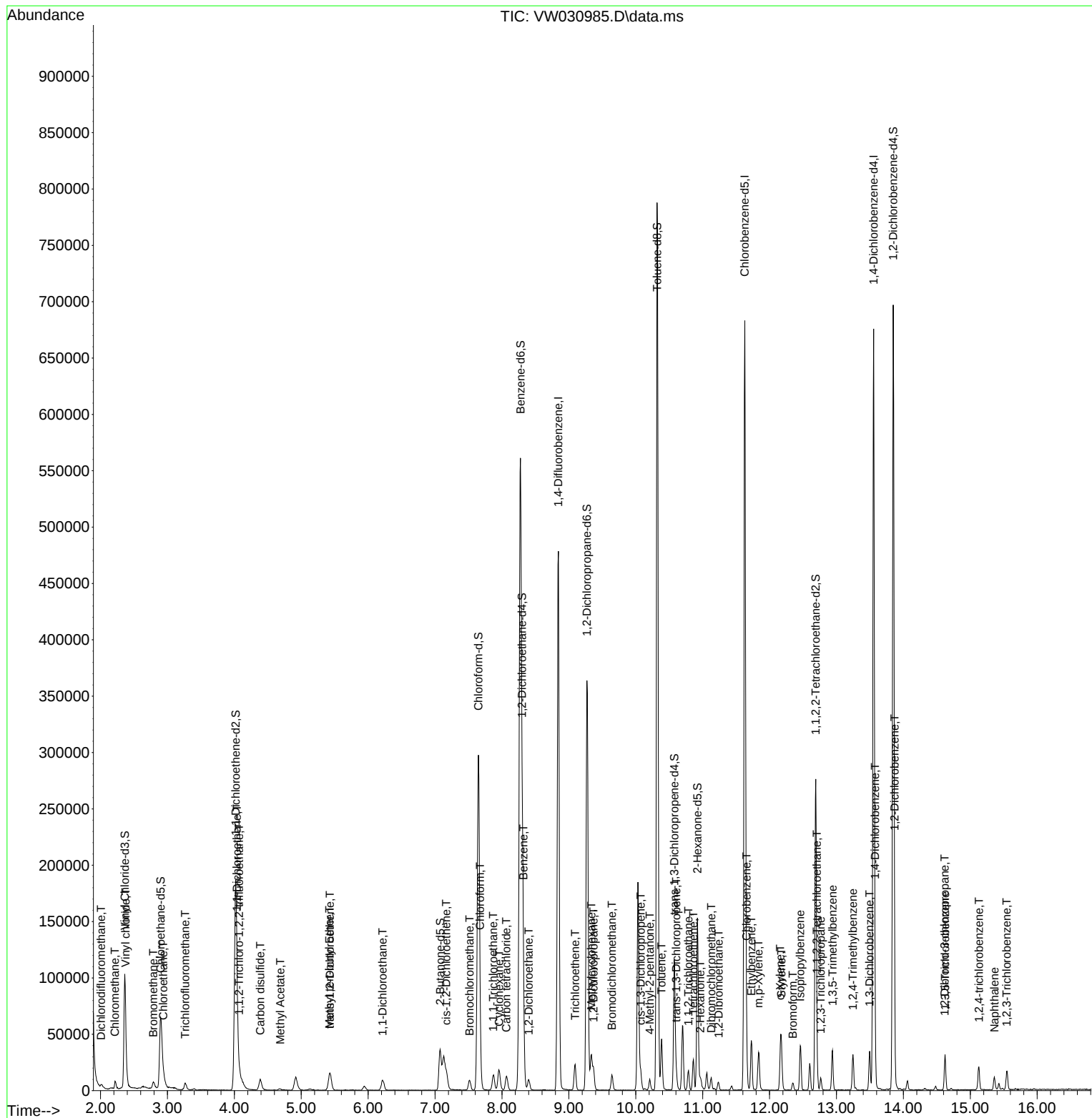
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.063	117	9787	1.118	ug/L	99
33) Benzene	8.319	78	30178	1.234	ug/L	100
34) Trichloroethene	9.093	95	7642	1.133	ug/L	87
35) Methylcyclohexane	9.337	83	11035	1.032	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7713	1.262	ug/L #	97
38) Bromodichloromethane	9.642	83	9321	1.161	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	10495	1.148	ug/L	88
40) 4-Methyl-2-pentanone	10.209	43	5900	2.111	ug/L	98
42) Toluene	10.386	91	31807	1.228	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	11234	1.479	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	5586	1.273	ug/L	85
46) Tetrachloroethene	10.861	164	6274	1.217	ug/L	90
48) 2-Hexanone	10.965	43	4620	2.173	ug/L #	87
49) Dibromochloromethane	11.130	129	5860	1.225	ug/L	97
50) 1,2-Dibromoethane	11.239	107	5127	1.267	ug/L #	90
51) Chlorobenzene	11.654	112	20315	1.226	ug/L	96
52) Ethylbenzene	11.727	91	30583	1.045	ug/L	97
53) m,p-Xylene	11.837	106	11001	1.000	ug/L	92
54) o-Xylene	12.160	106	9395	0.928	ug/L	88
55) Styrene	12.178	104	15622	0.903	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.709	83	6679	1.395	ug/L #	90
59) Bromoform	12.349	173	3199	1.245	ug/L #	96
60) Isopropylbenzene	12.459	105	24734	0.901	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4528	1.343	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	17806	0.824	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	17332	0.824	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	13980	1.160	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	15665	1.266	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	14844	1.382	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.617	75	1780	2.493	ug/L #	8
69) 1,3,5-Trichlorobenzene	14.623	180	9964	1.246	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	7029	1.107	ug/L	100
71) Naphthalene	15.360	128	9653	0.938	ug/L	96
72) 1,2,3-Trichlorobenzene	15.543	180	5815	1.063	ug/L	95

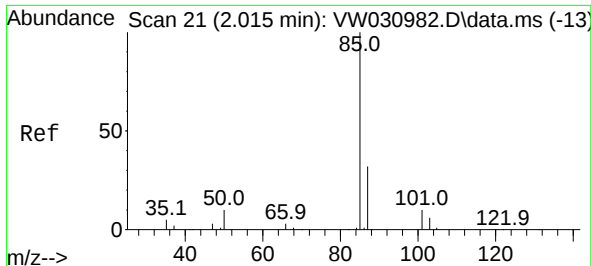
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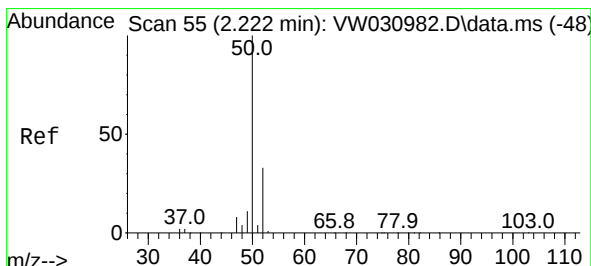
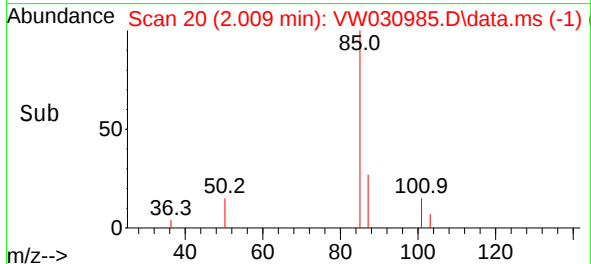
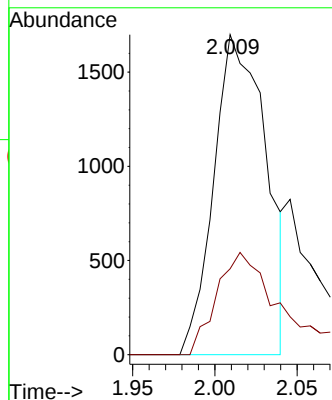
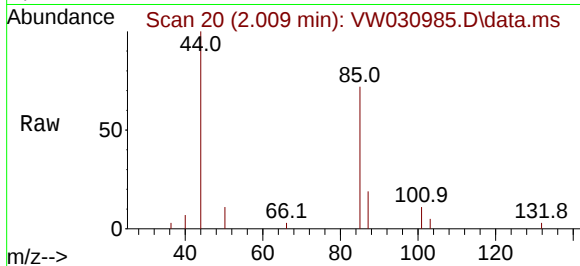




#2
Dichlorodifluoromethane
Concen: 0.855 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

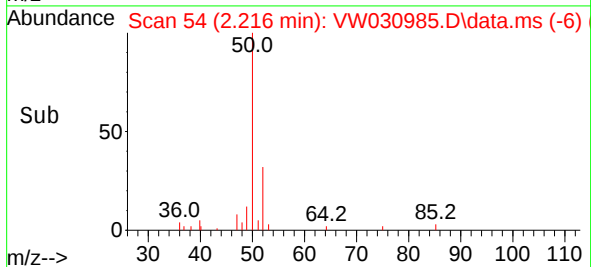
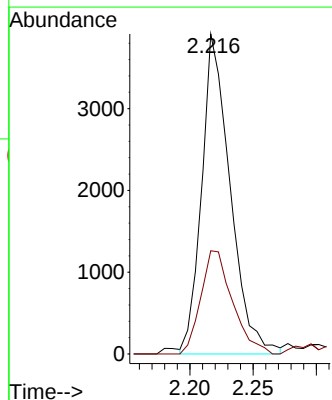
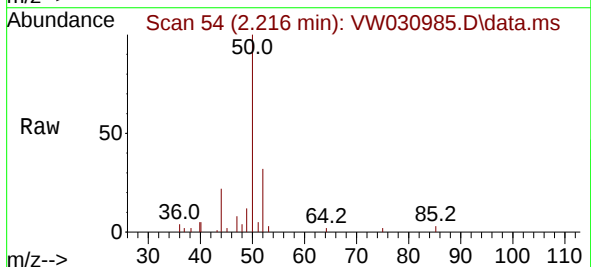
Instrument :
MSVOA_W
ClientSampleId :

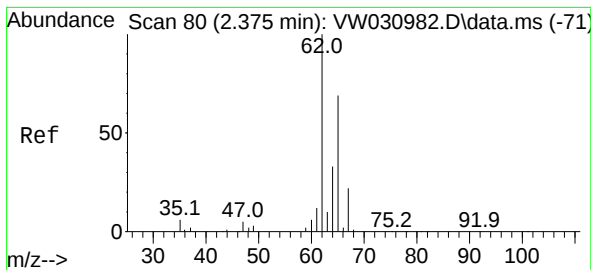
Tgt Ion: 85 Resp: 3748
Ion Ratio Lower Upper
85 100
87 37.0 24.2 36.4#



#3
Chloromethane
Concen: 1.040 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 50 Resp: 6139
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9





#5

Vinyl chloride

Concen: 1.125 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

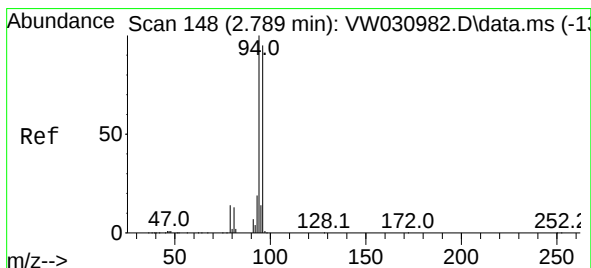
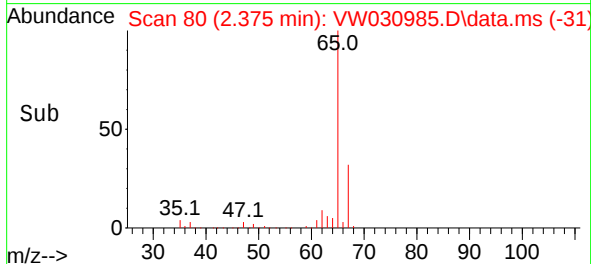
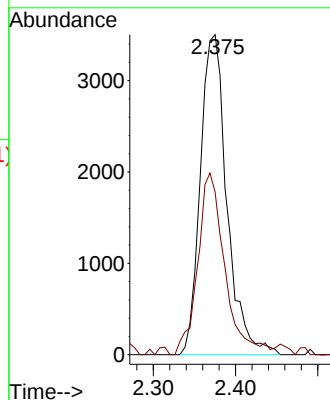
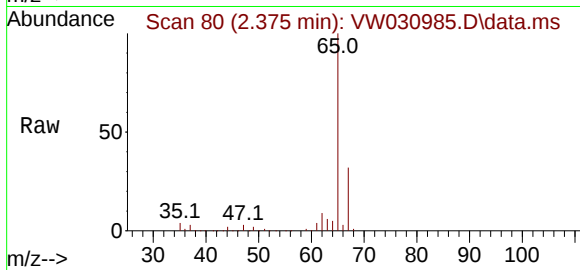
ClientSampleId :

Tgt Ion: 62 Resp: 7872

Ion Ratio Lower Upper

62 100

64 50.9 21.7 40.3#



#6

Bromomethane

Concen: 1.062 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030985.D

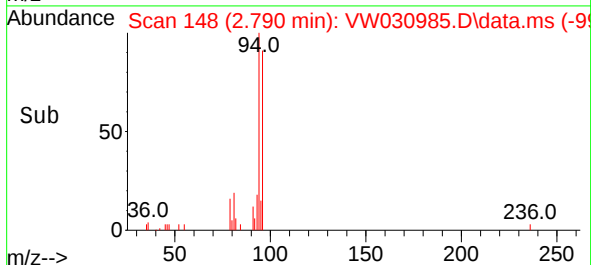
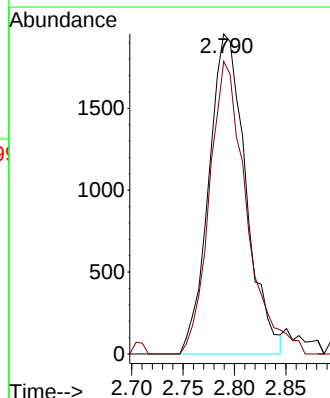
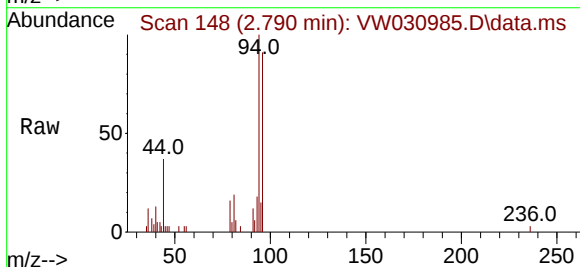
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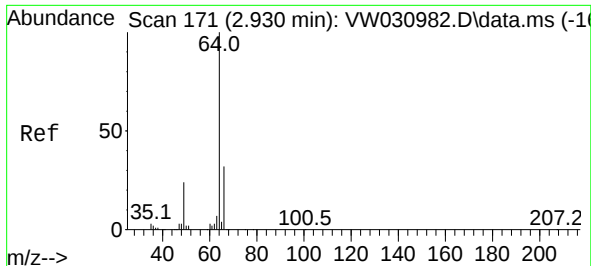
Tgt Ion: 94 Resp: 4879

Ion Ratio Lower Upper

94 100

96 91.4 61.6 114.4

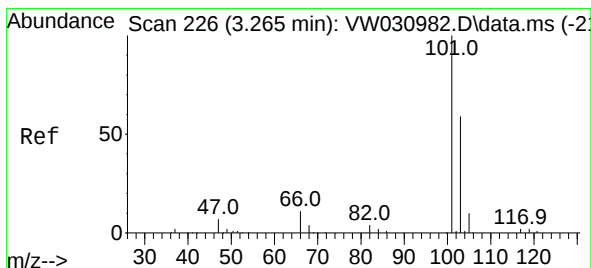
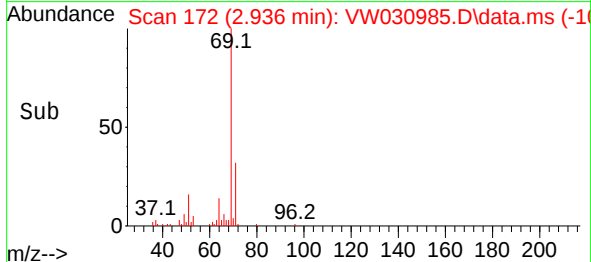
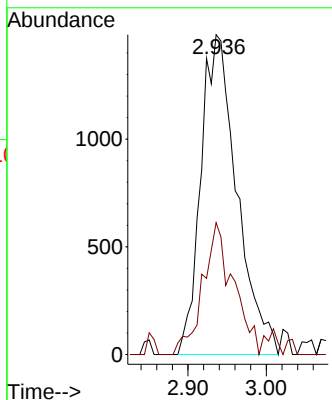
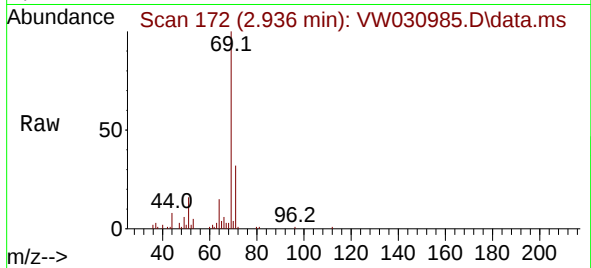




#8
Chloroethane
Concen: 1.119 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

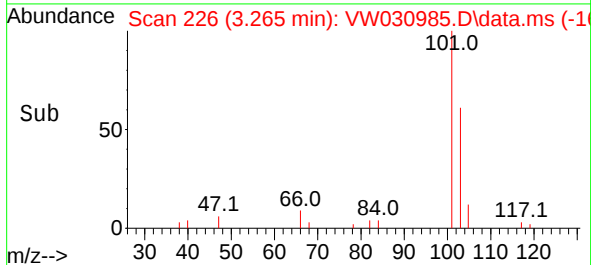
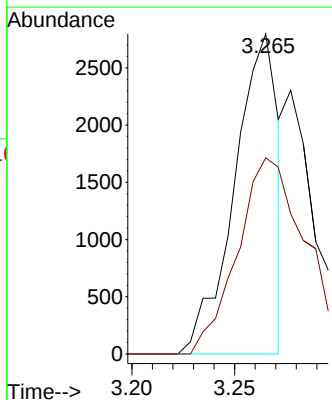
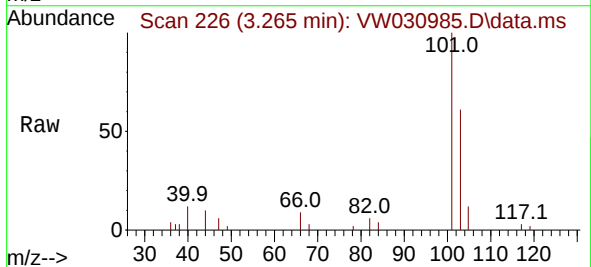
Instrument :
MSVOA_W
ClientSampleId :

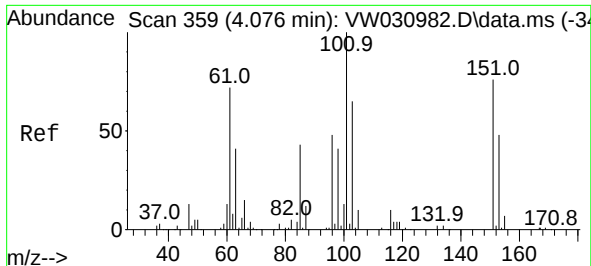
Tgt Ion: 64 Resp: 4745
Ion Ratio Lower Upper
64 100
66 41.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.652 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion:101 Resp: 4162
Ion Ratio Lower Upper
101 100
103 98.0 51.8 77.6#





#10

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

Concen: 1.178 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

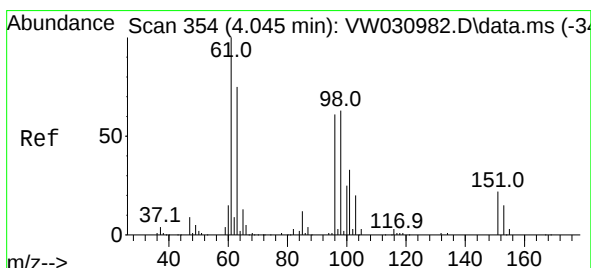
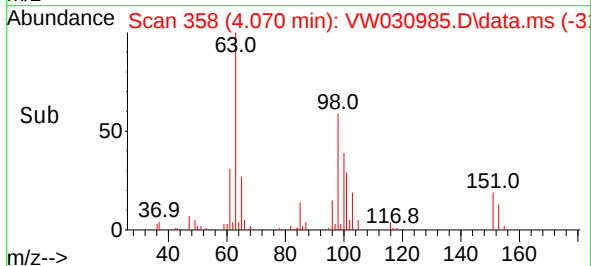
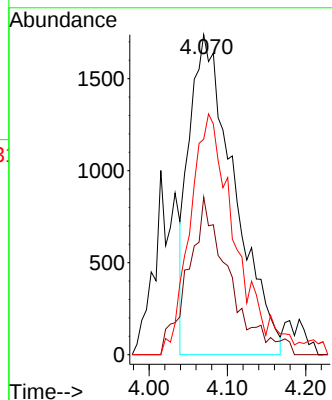
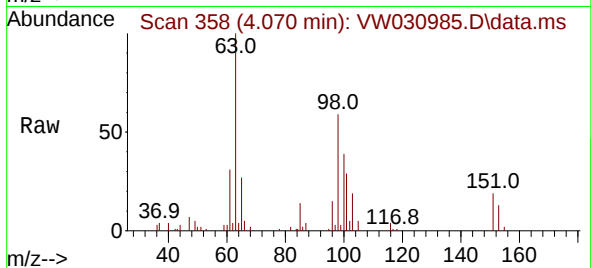
Tgt Ion:101 Resp: 6925

Ion Ratio Lower Upper

101 100

85 29.7 32.9 49.3#

151 66.8 51.0 76.6



#12

1,1-Dichloroethene

Concen: 1.510 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

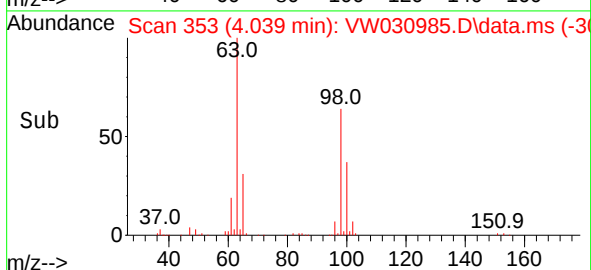
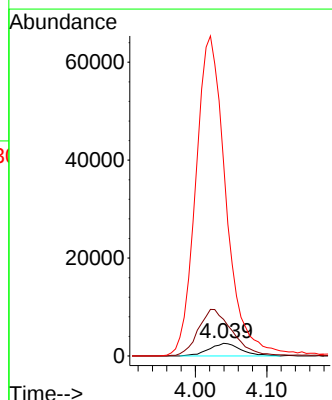
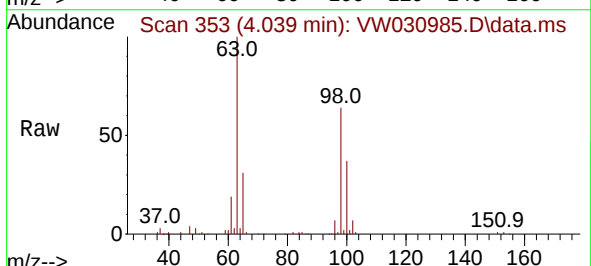
Tgt Ion: 96 Resp: 8027

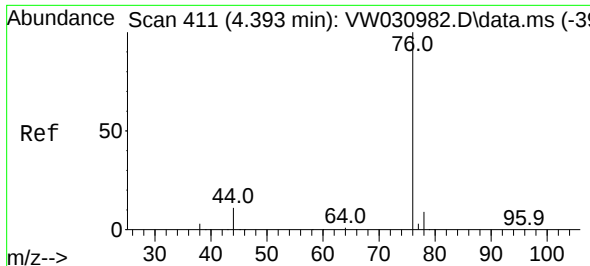
Ion Ratio Lower Upper

96 100

61 287.5 118.9 220.7#

63 1521.5 97.8 181.6#

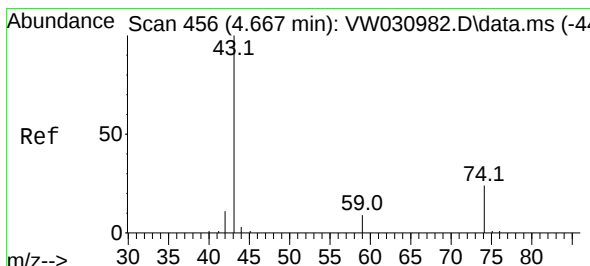
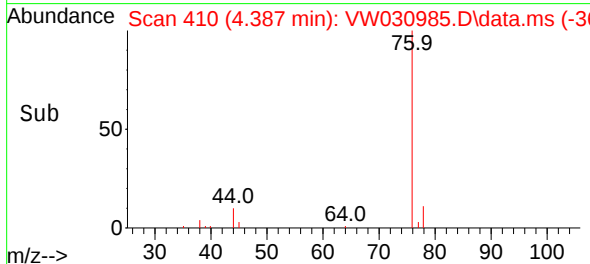
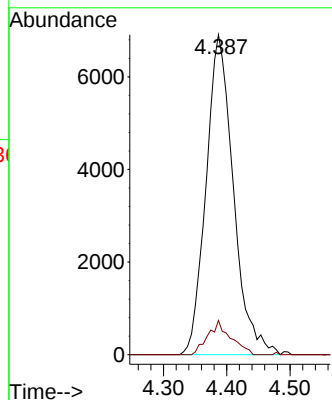
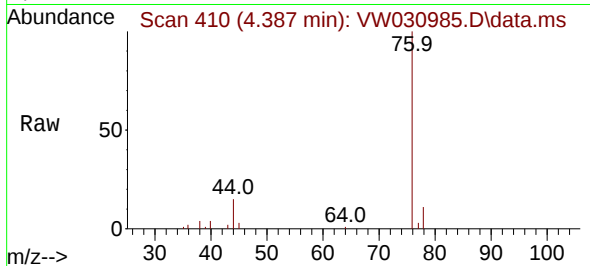




#14
Carbon disulfide
Concen: 1.186 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

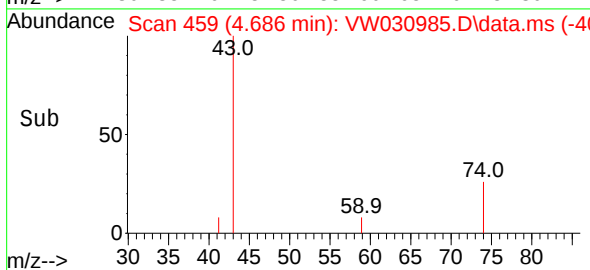
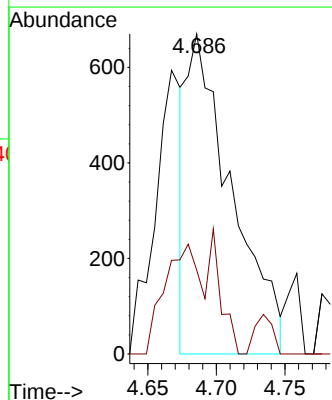
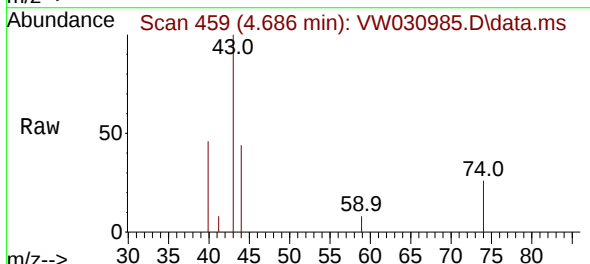
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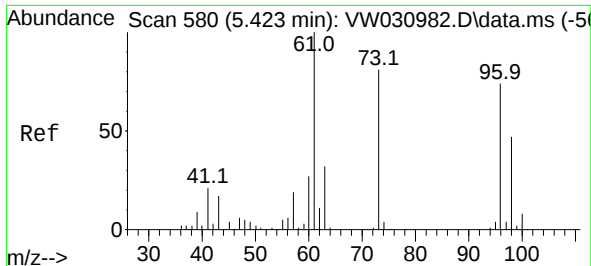
Tgt Ion: 76 Resp: 20724
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#



#15
Methyl Acetate
Concen: 0.769 ug/L
RT: 4.686 min Scan# 459
Delta R.T. 0.018 min
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Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
74 27.4 20.2 30.2





#17

trans-1,2-Dichloroethene

Concen: 1.167 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

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ClientSampleId :

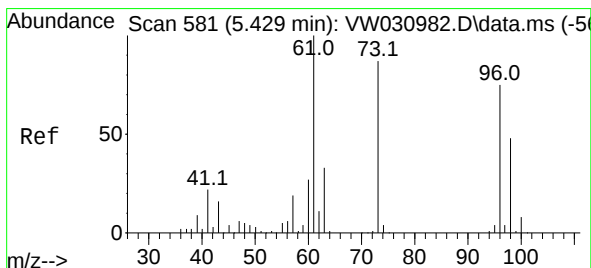
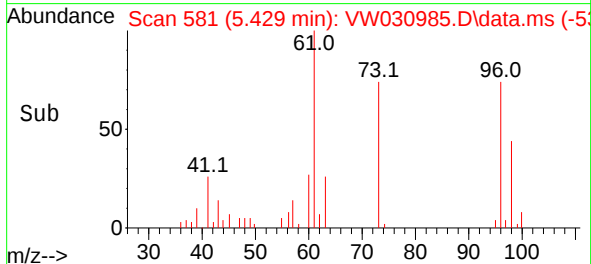
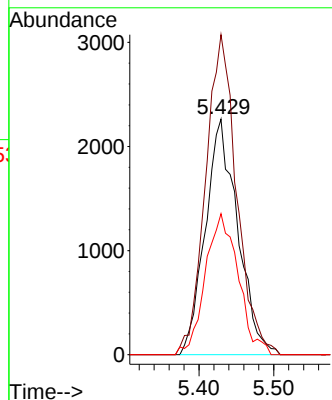
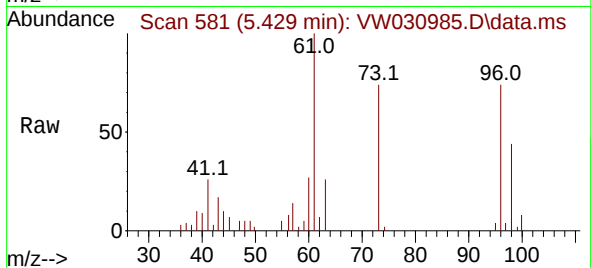
Tgt Ion: 96 Resp: 6807

Ion Ratio Lower Upper

96 100

61 135.9 95.2 176.8

98 59.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 1.030 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

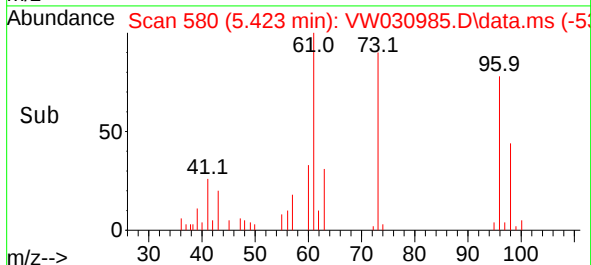
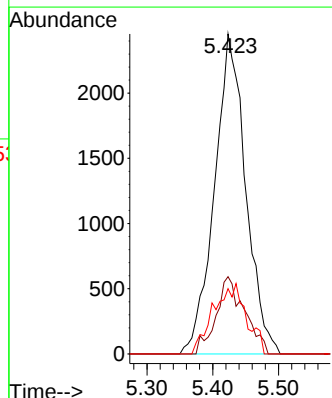
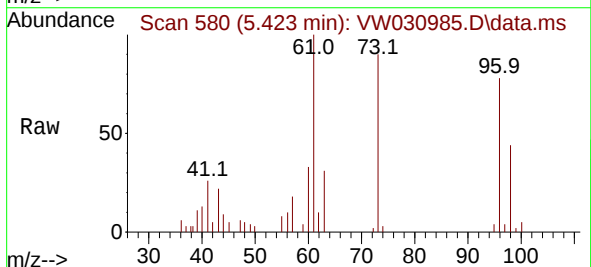
Tgt Ion: 73 Resp: 8107

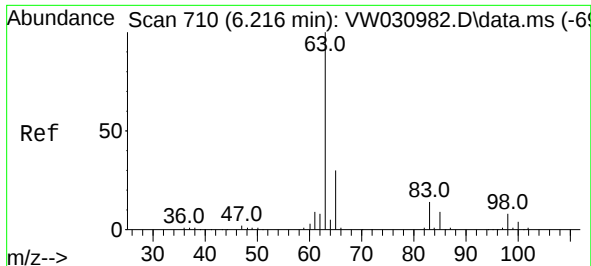
Ion Ratio Lower Upper

73 100

43 10.4 16.2 24.2#

57 15.4 17.3 25.9#





#19

1,1-Dichloroethane

Concen: 1.216 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

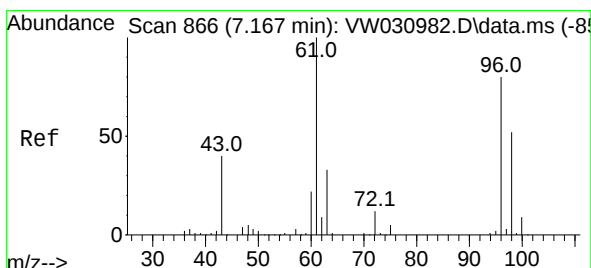
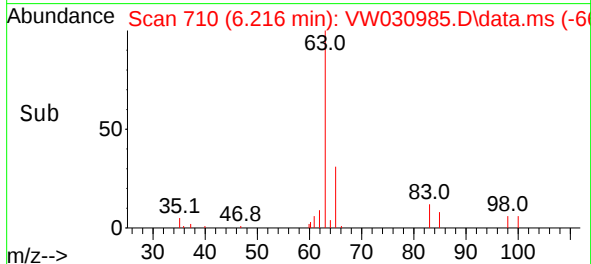
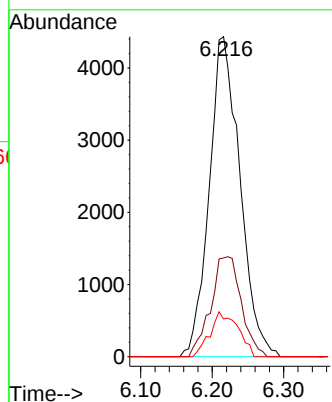
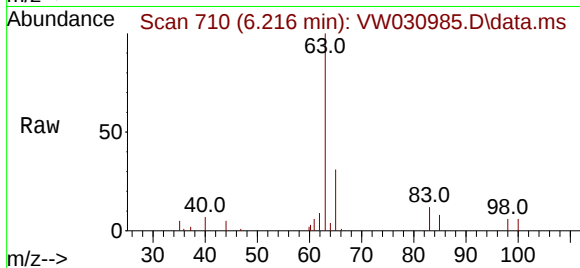
Tgt Ion: 63 Resp: 13231

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.8

83 11.8 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 1.123 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

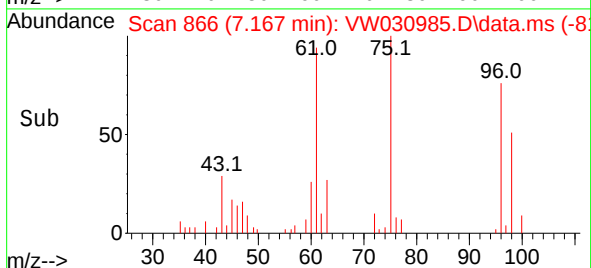
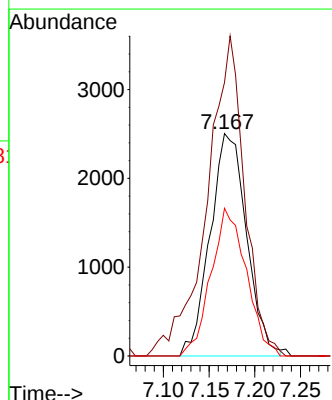
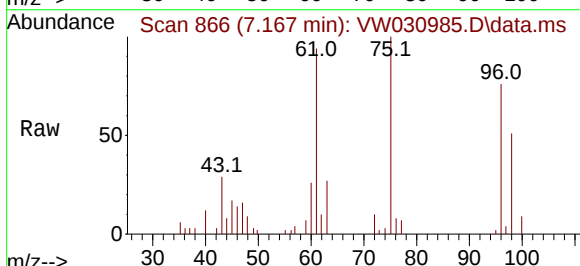
Tgt Ion: 96 Resp: 6948

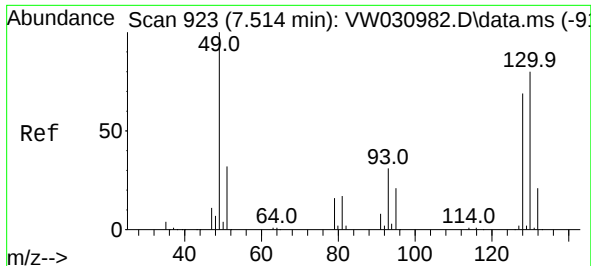
Ion Ratio Lower Upper

96 100

61 123.0 89.2 165.8

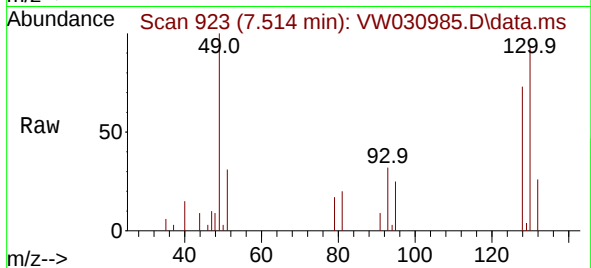
98 66.4 45.1 83.9



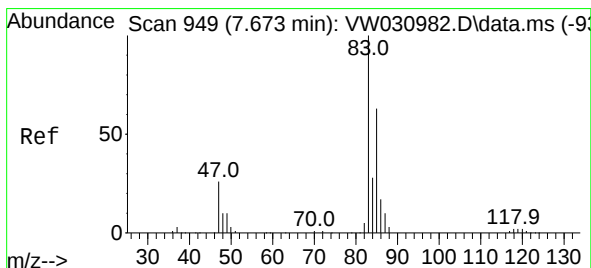
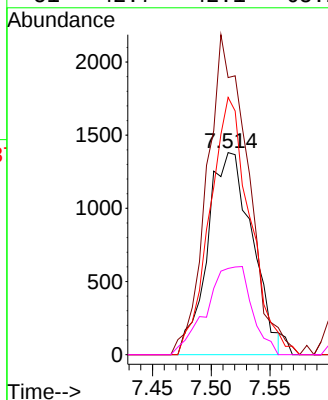
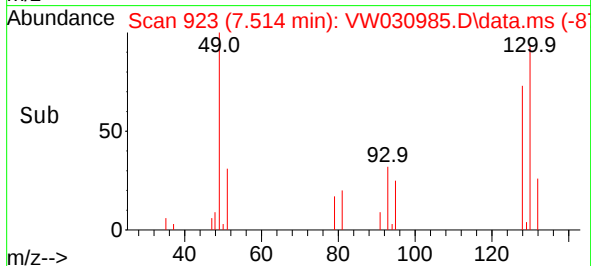


#23
Bromochloromethane
Concen: 1.345 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :

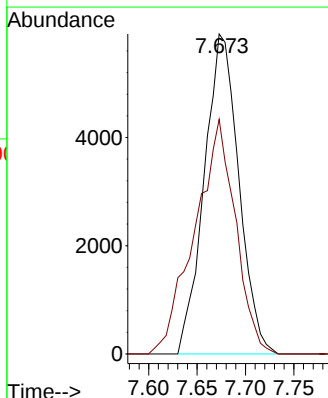
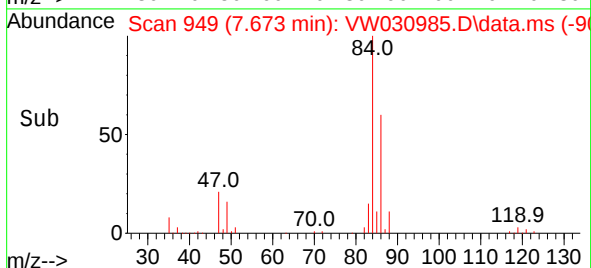
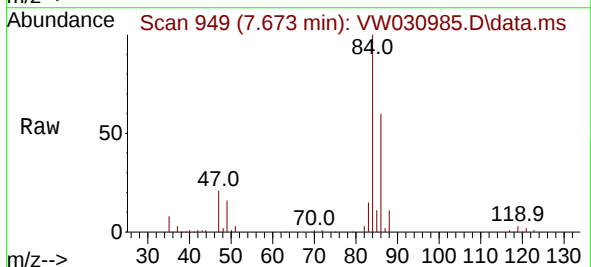


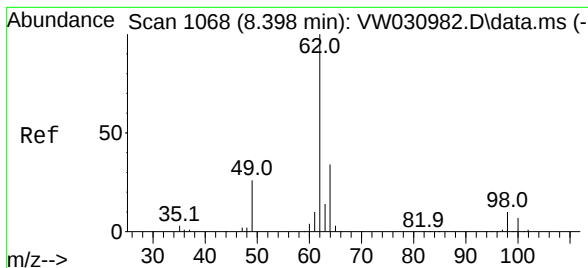
Tgt Ion:	128	Resp:	3646
Ion	Ratio	Lower	Upper
128	100		
49	137.1	112.4	208.8
130	127.3	86.2	160.0
51	42.7	42.1	63.1



#25
Chloroform
Concen: 1.285 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion:	83	Resp:	14715
Ion	Ratio	Lower	Upper
83	100		
85	73.3	47.2	87.6





#27

1,2-Dichloroethane

Concen: 1.212 ug/L

RT: 8.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

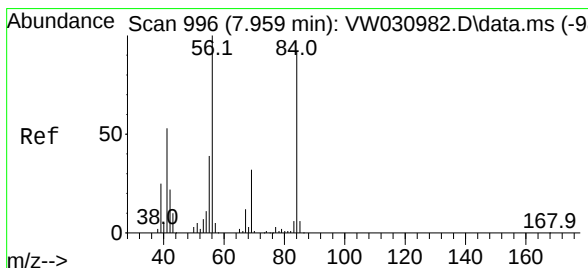
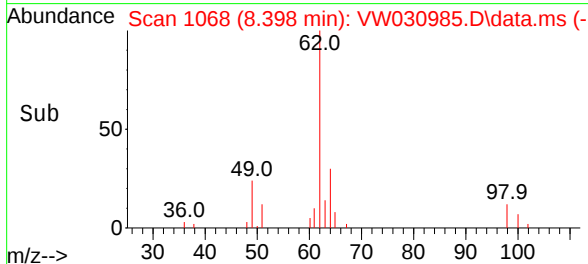
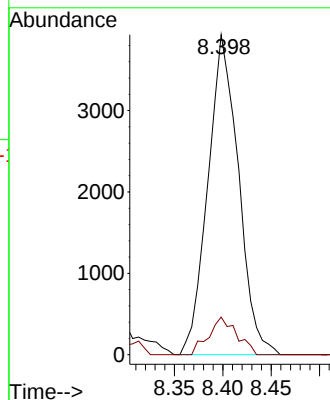
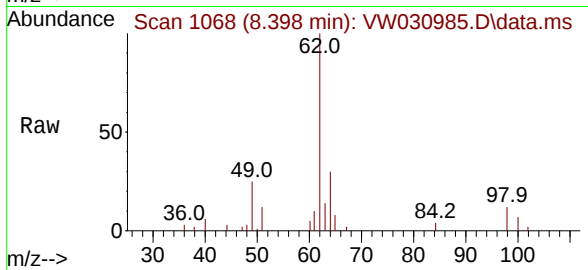
ClientSampleId :

Tgt Ion: 62 Resp: 8644

Ion Ratio Lower Upper

62 100

98 11.8 7.1 10.7#



#29

Cyclohexane

Concen: 0.905 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

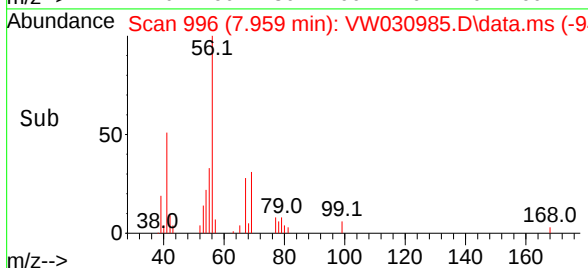
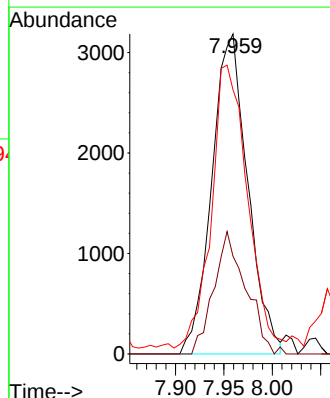
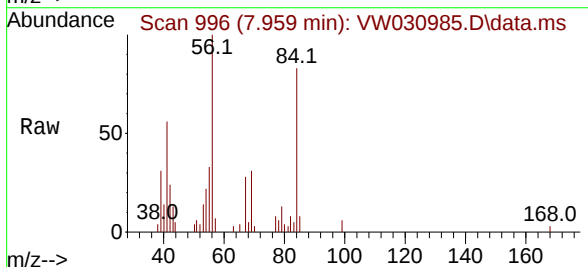
Tgt Ion: 56 Resp: 8226

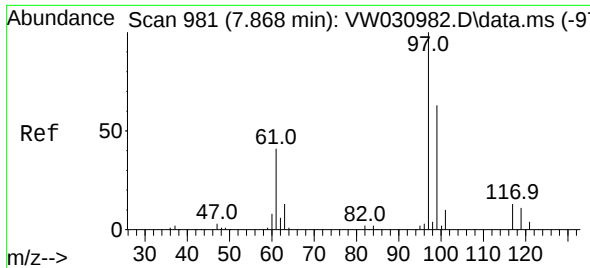
Ion Ratio Lower Upper

56 100

69 34.0 24.8 37.2

84 90.2 69.5 104.3

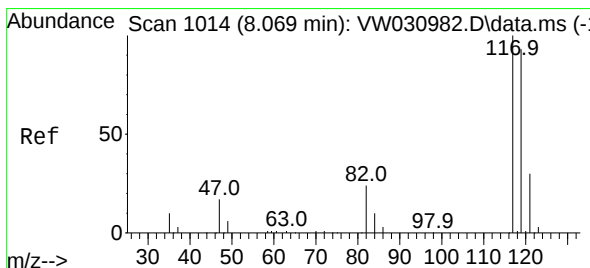
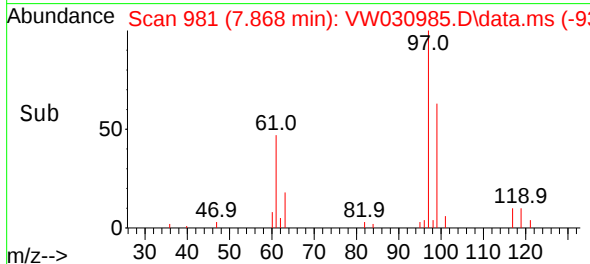
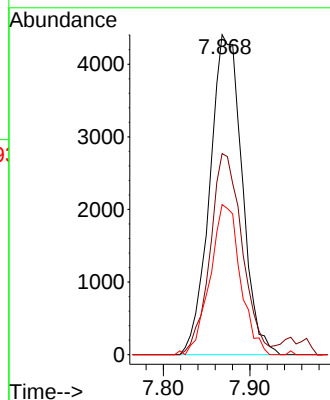
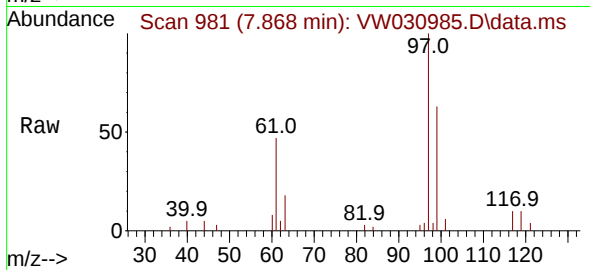




#30
1,1,1-Trichloroethane
Concen: 1.171 ug/L
RT: 7.868 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

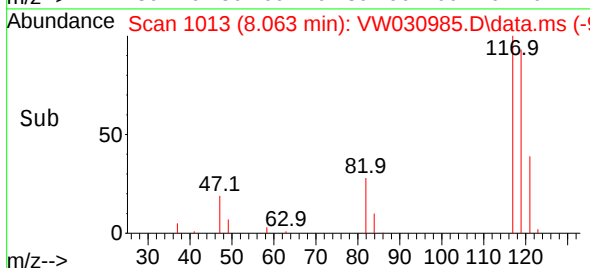
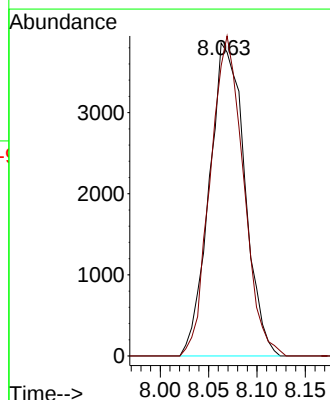
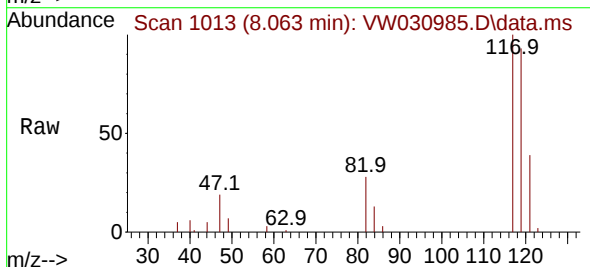
Instrument :
MSVOA_W
ClientSampleId :

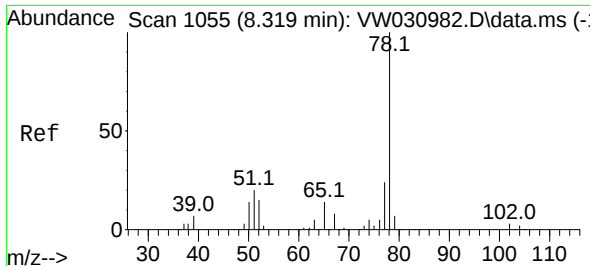
Tgt Ion: 97 Resp: 11409
Ion Ratio Lower Upper
97 100
99 62.3 51.3 76.9
61 43.9 36.2 54.4



#31
Carbon tetrachloride
Concen: 1.118 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 117 Resp: 9787
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2

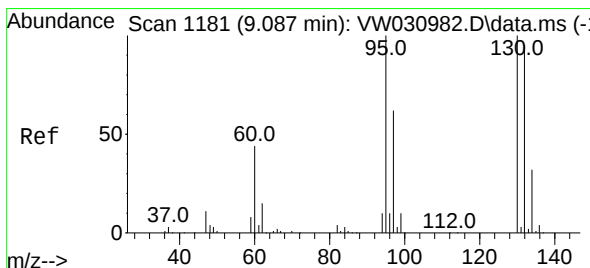
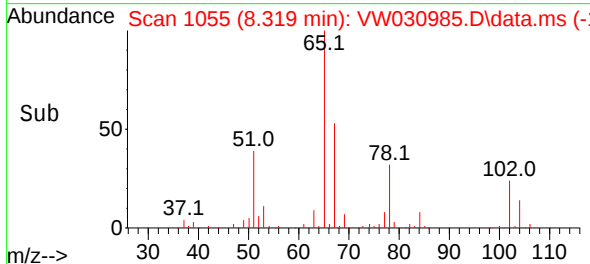
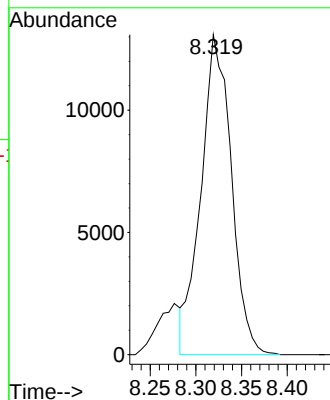
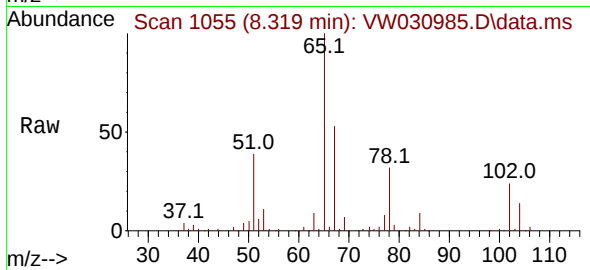




#33
Benzene
Concen: 1.234 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :

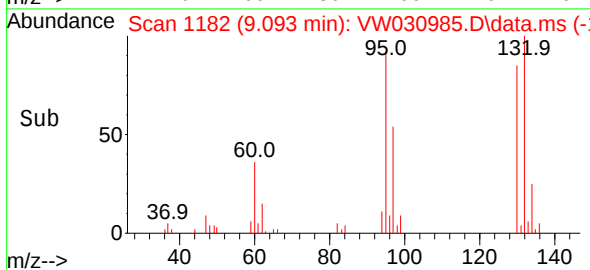
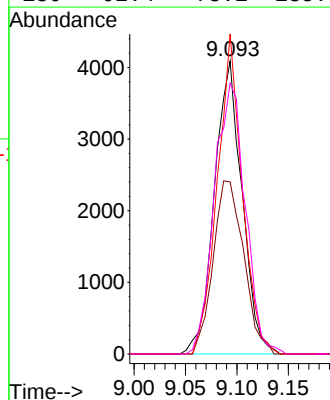
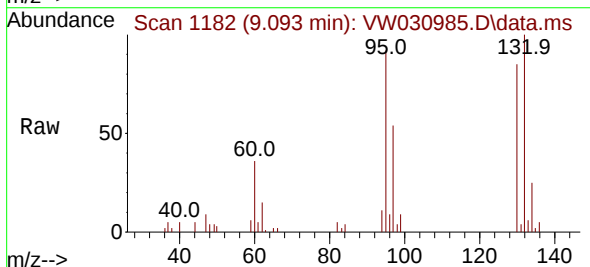
Tgt Ion: 78 Resp: 30178

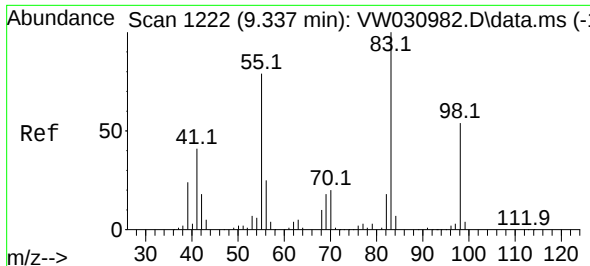


#34
Trichloroethene
Concen: 1.133 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 95 Resp: 7642

Ion	Ratio	Lower	Upper
95	100		
97	58.7	48.9	90.7
132	109.2	67.7	125.7
130	92.4	73.1	135.8





#35

Methylcyclohexane

Concen: 1.032 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

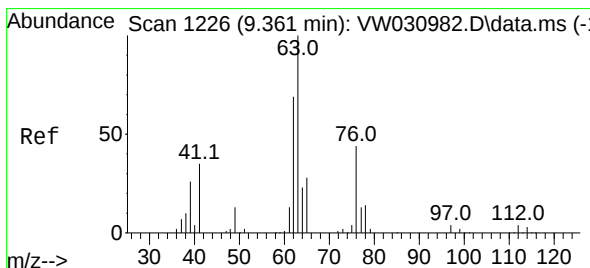
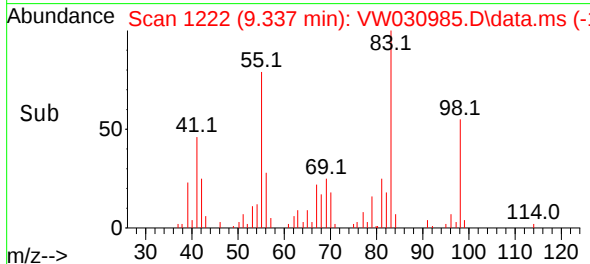
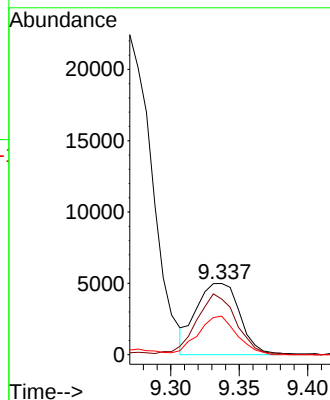
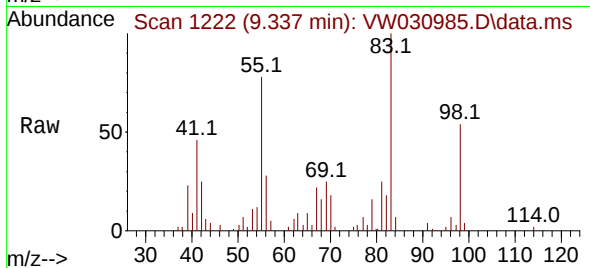
Tgt Ion: 83 Resp: 11035

Ion Ratio Lower Upper

83 100

55 78.3 62.8 94.2

98 47.9 39.4 59.2



#37

1,2-Dichloropropane

Concen: 1.262 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030985.D

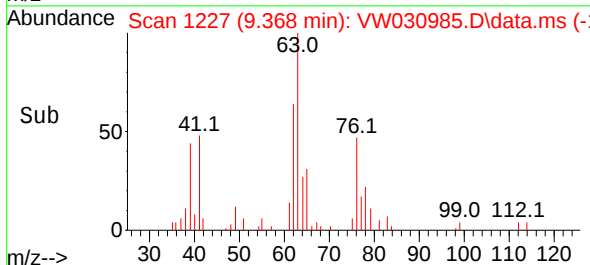
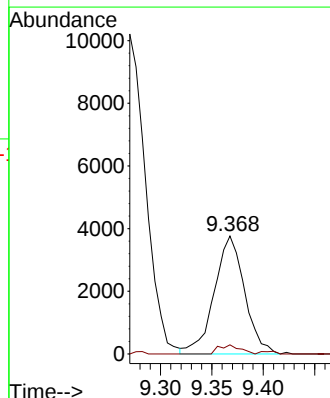
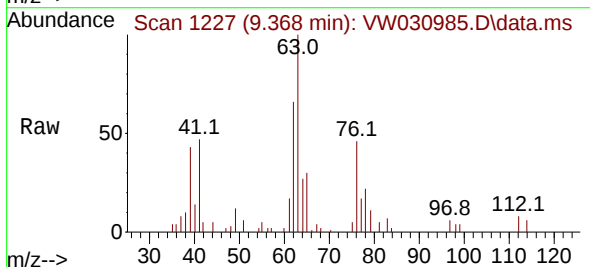
Acq: 11 Nov 2024 12:22

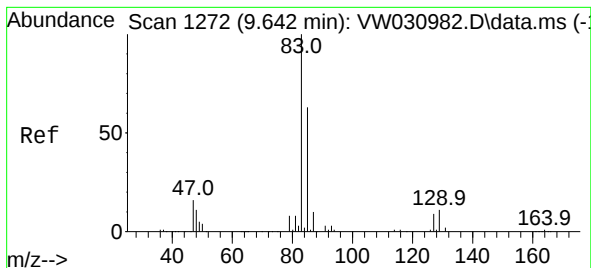
Tgt Ion: 63 Resp: 7713

Ion Ratio Lower Upper

63 100

112 5.4 3.5 5.3#





#38

Bromodichloromethane

Concen: 1.161 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030985.D

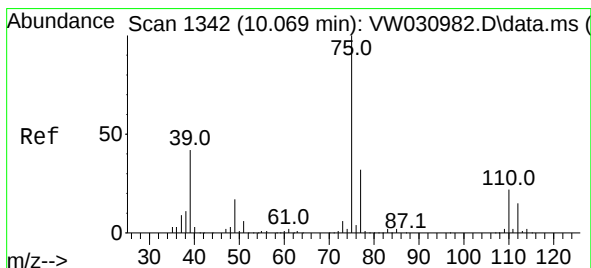
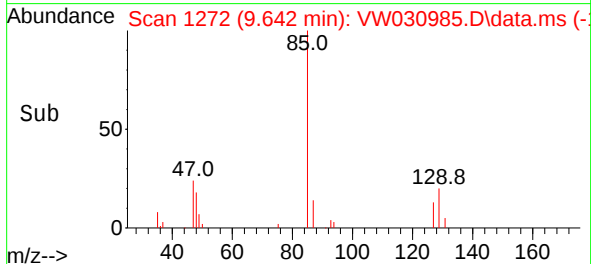
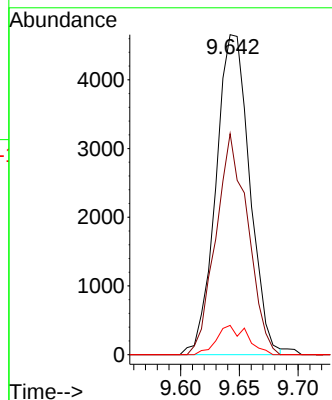
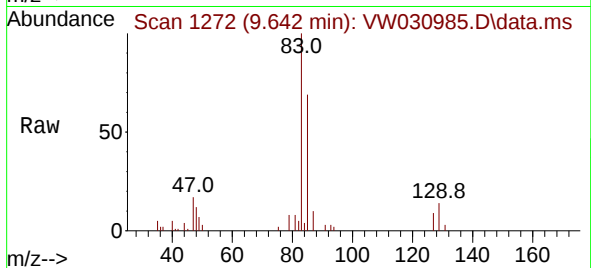
Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 9321
Ion Ratio	Lower Upper
83	100
85	69.0 44.1 81.9
127	9.2 6.4 9.6



#39

cis-1,3-Dichloropropene

Concen: 1.148 ug/L

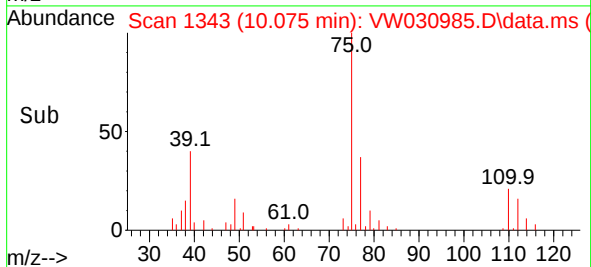
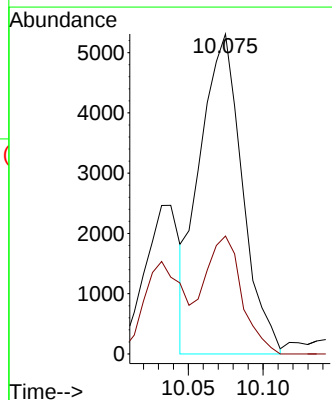
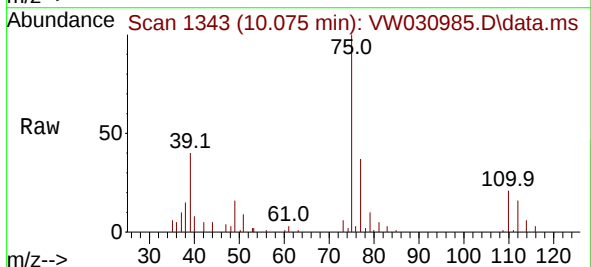
RT: 10.075 min Scan# 1343

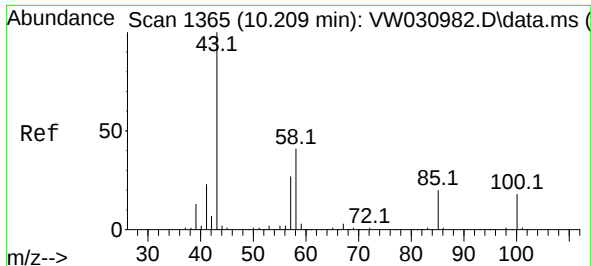
Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion: 75	Resp: 10495
Ion Ratio	Lower Upper
75	100
77	36.9 21.3 39.6





#40

4-Methyl-2-pentanone

Concen: 2.111 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030985.D

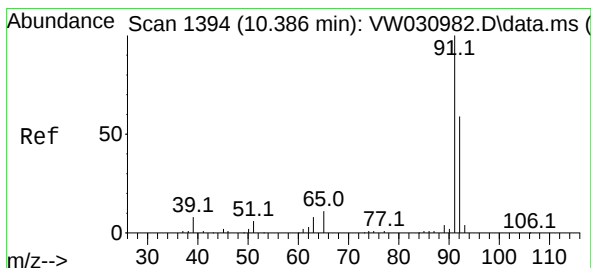
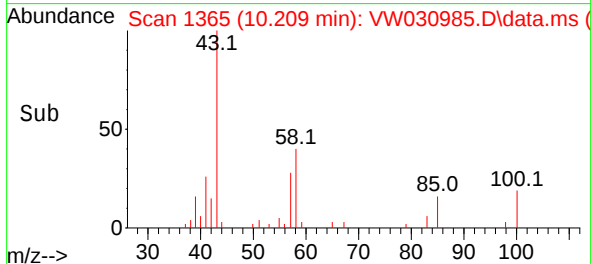
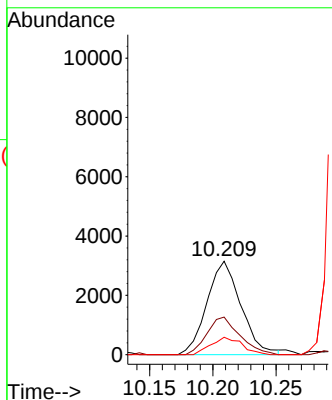
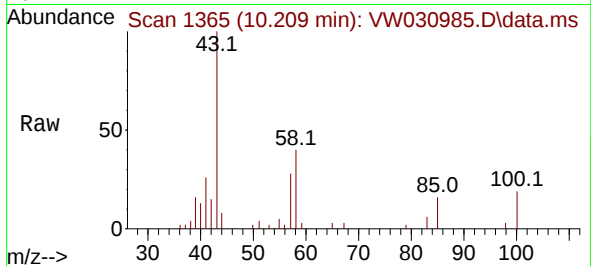
Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	5900
Ion Ratio	Lower	Upper	
43	100		
58	38.8	32.2	48.4
100	16.8	13.3	19.9



#42

Toluene

Concen: 1.228 ug/L

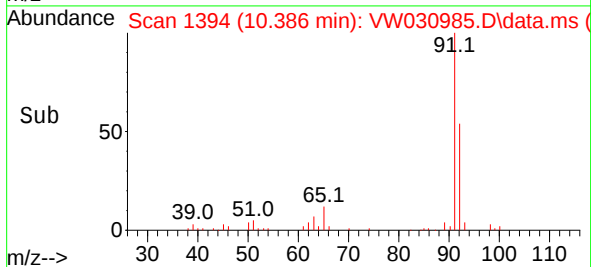
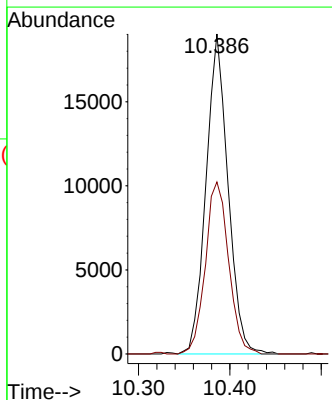
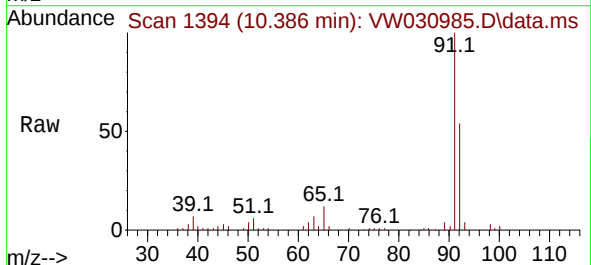
RT: 10.386 min Scan# 1394

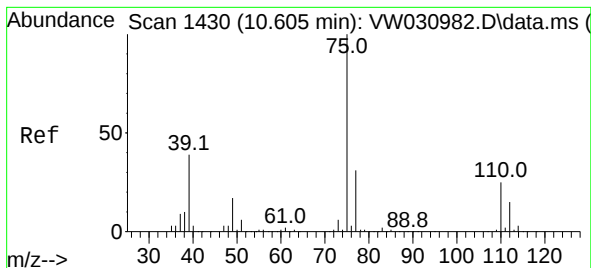
Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion:	91	Resp:	31807
Ion Ratio	Lower	Upper	
91	100		
92	53.7	39.4	73.2





#44

trans-1,3-Dichloropropene

Concen: 1.479 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

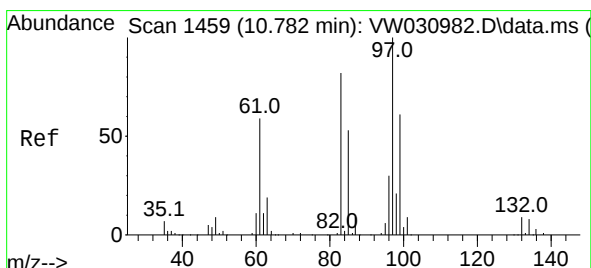
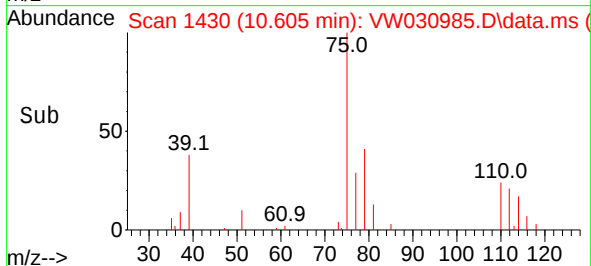
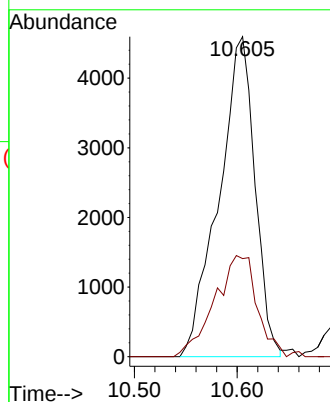
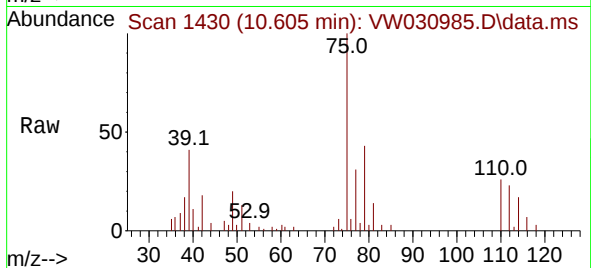
ClientSampleId :

Tgt Ion: 75 Resp: 11234

Ion Ratio Lower Upper

75 100

77 30.6 23.6 43.8



#45

1,1,2-Trichloroethane

Concen: 1.273 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion: 97 Resp: 5586

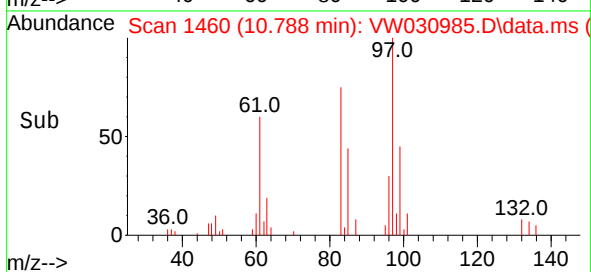
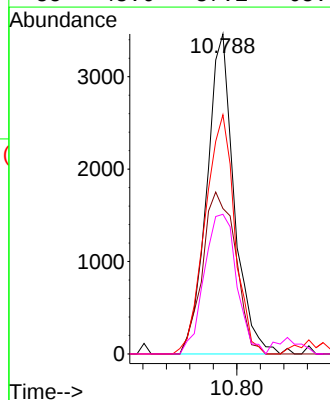
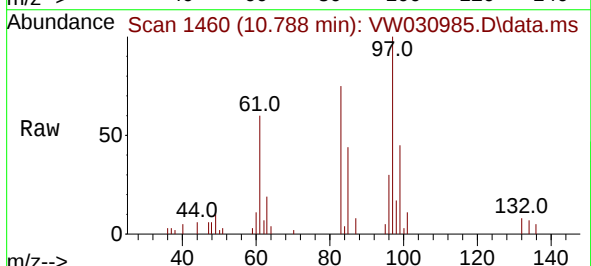
Ion Ratio Lower Upper

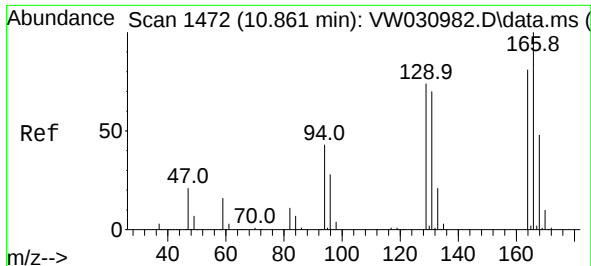
97 100

99 45.5 42.8 79.4

83 74.7 60.6 112.6

85 43.6 37.1 68.9





#46

Tetrachloroethene

Concen: 1.217 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

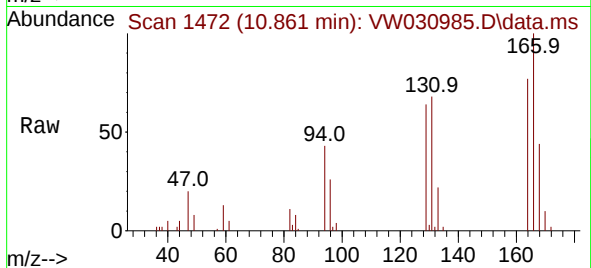
Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 6274

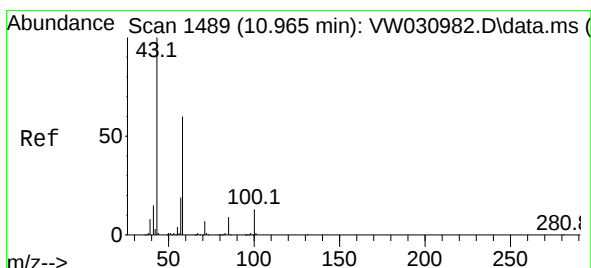
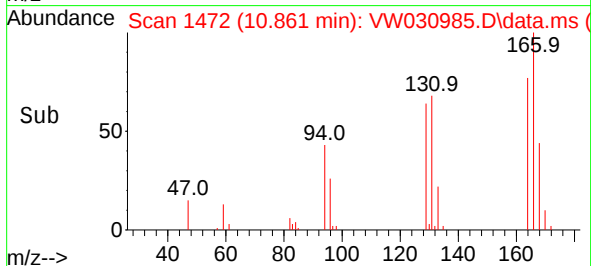
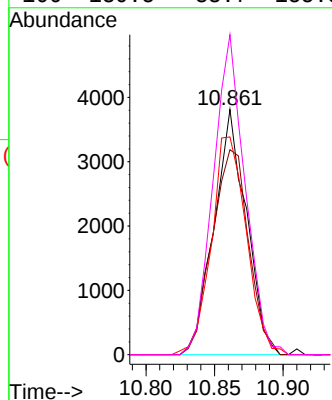
Ion Ratio Lower Upper

164 100

129 83.6 71.1 132.1

131 88.8 62.6 116.3

166 130.5 83.7 155.5



#48

2-Hexanone

Concen: 2.173 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion: 43 Resp: 4620

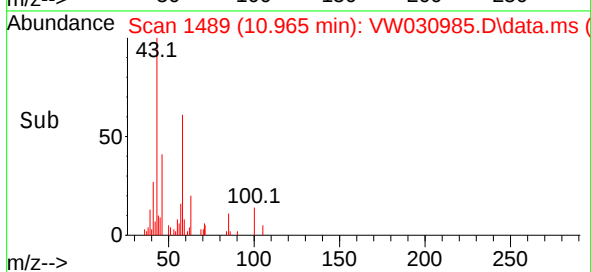
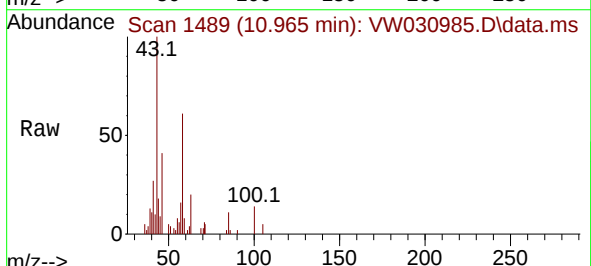
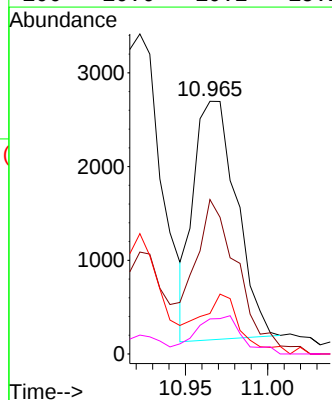
Ion Ratio Lower Upper

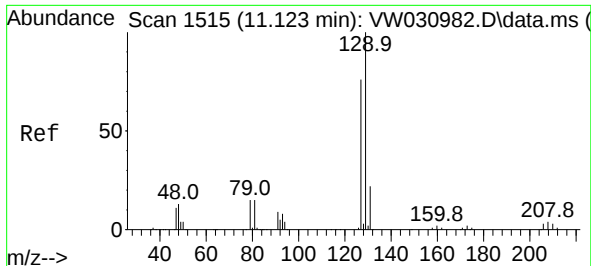
43 100

58 68.2 43.8 65.8#

57 19.0 15.4 23.2

100 16.6 10.2 15.2#





#49

Dibromochloromethane

Concen: 1.225 ug/L

RT: 11.130 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

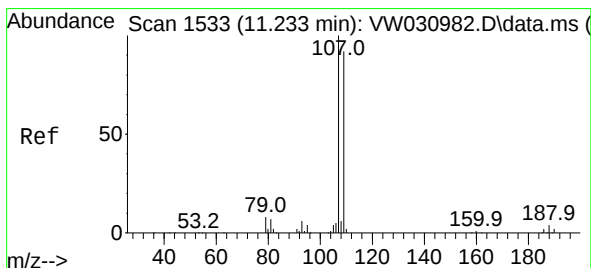
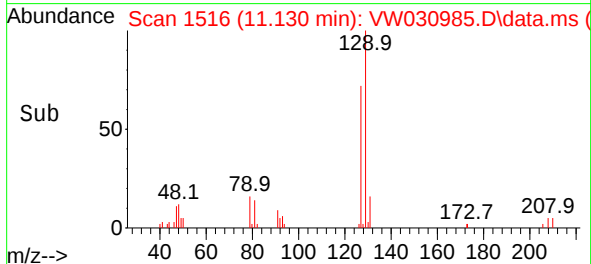
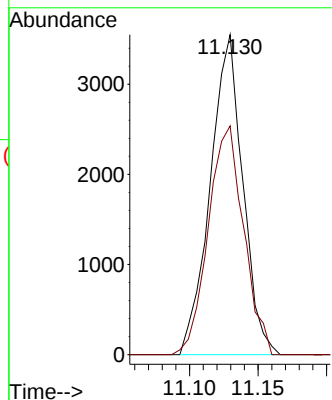
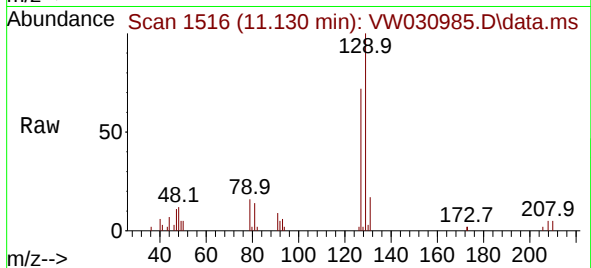
ClientSampleId :

Tgt Ion:129 Resp: 5860

Ion Ratio Lower Upper

129 100

127 71.5 52.1 96.7



#50

1,2-Dibromoethane

Concen: 1.267 ug/L

RT: 11.239 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

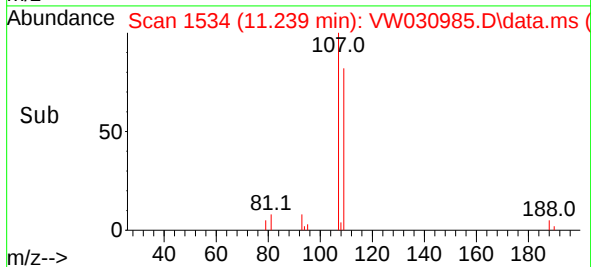
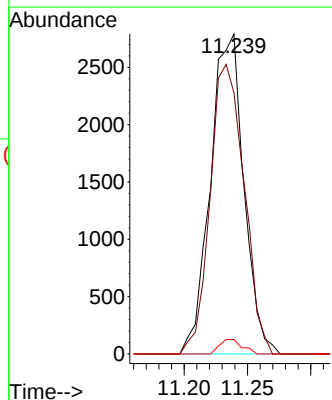
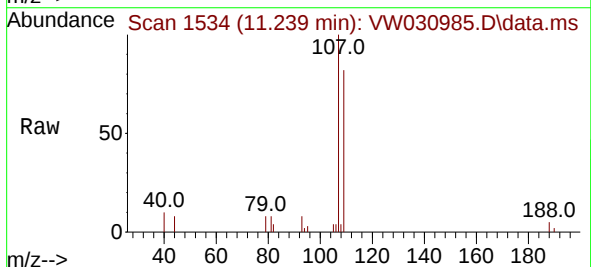
Tgt Ion:107 Resp: 5127

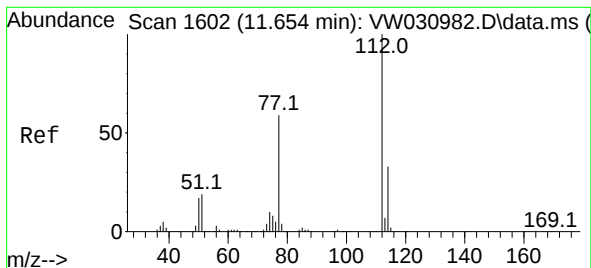
Ion Ratio Lower Upper

107 100

109 81.6 64.3 119.3

188 4.5 2.7 4.1#





#51

Chlorobenzene

Concen: 1.226 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

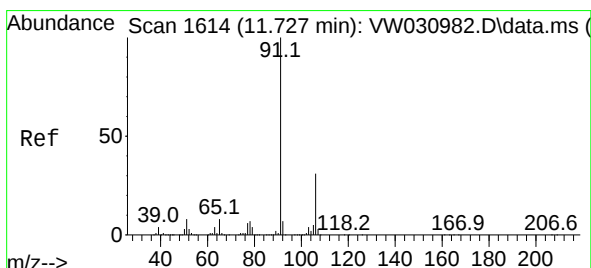
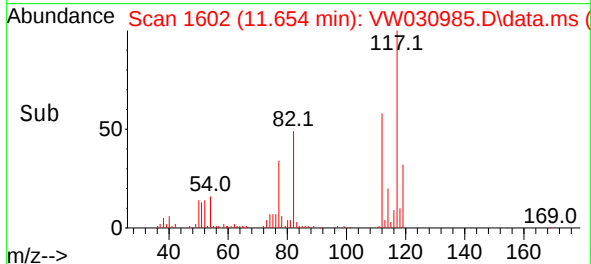
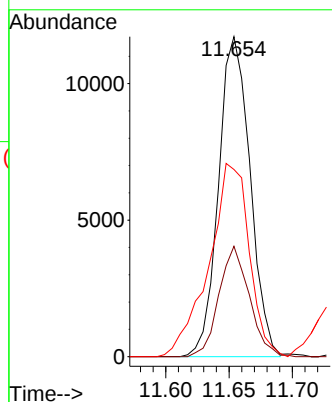
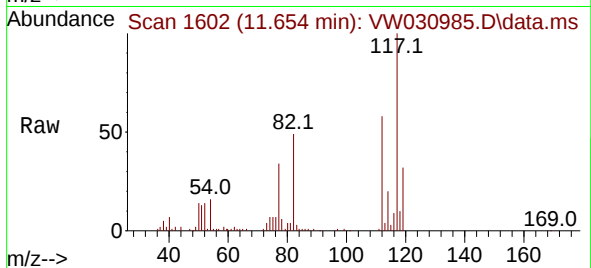
Tgt Ion:112 Resp: 20315

Ion Ratio Lower Upper

112 100

114 34.5 21.9 40.7

77 58.5 45.3 67.9



#52

Ethylbenzene

Concen: 1.045 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030985.D

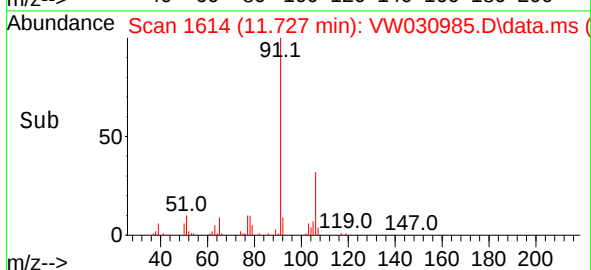
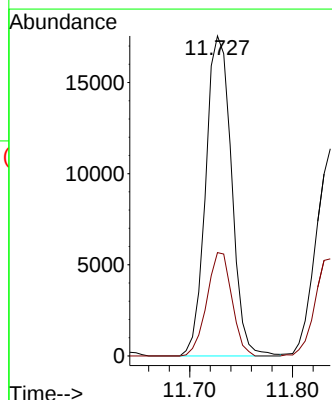
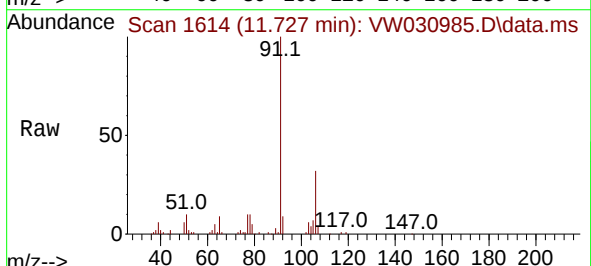
Acq: 11 Nov 2024 12:22

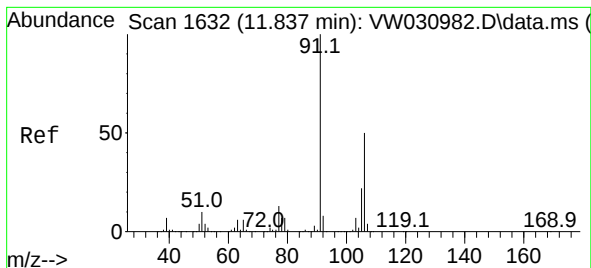
Tgt Ion: 91 Resp: 30583

Ion Ratio Lower Upper

91 100

106 32.3 21.6 40.0





#53

m,p-Xylene

Concen: 1.000 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

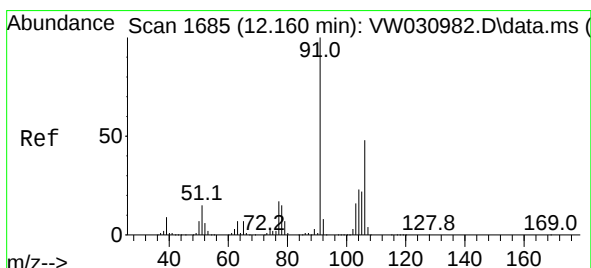
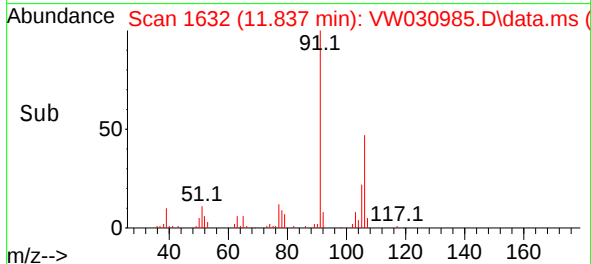
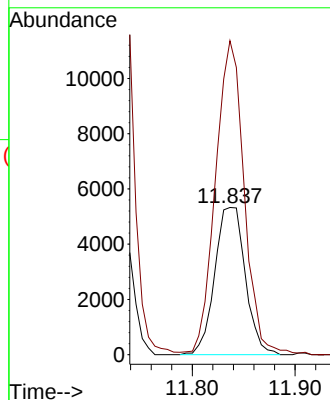
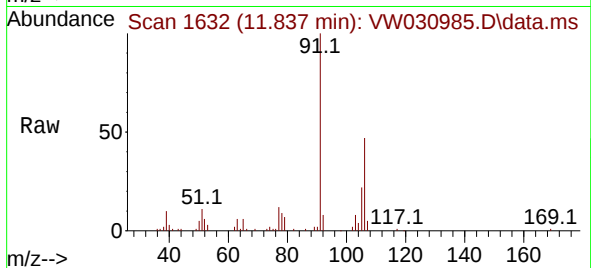
ClientSampleId :

Tgt Ion:106 Resp: 11001

Ion Ratio Lower Upper

106 100

91 213.4 140.7 261.3



#54

o-Xylene

Concen: 0.928 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW030985.D

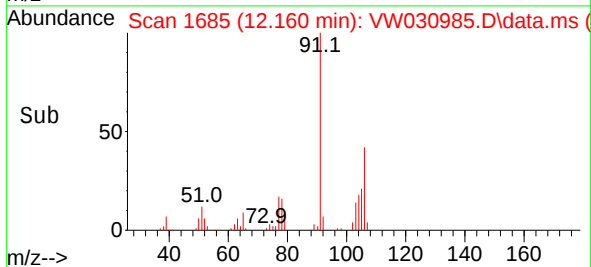
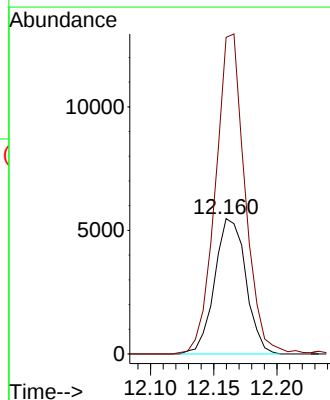
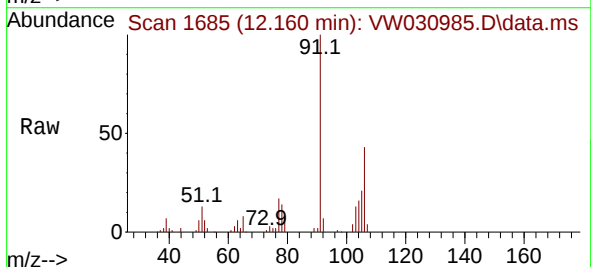
Acq: 11 Nov 2024 12:22

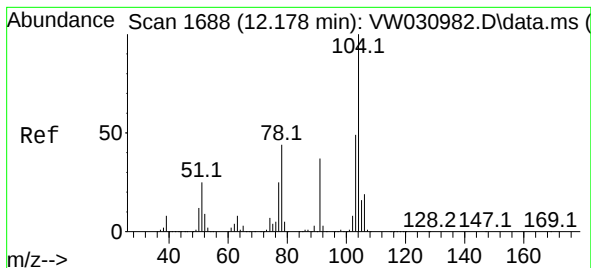
Tgt Ion:106 Resp: 9395

Ion Ratio Lower Upper

106 100

91 233.9 149.9 278.3





#55

Styrene

Concen: 0.903 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

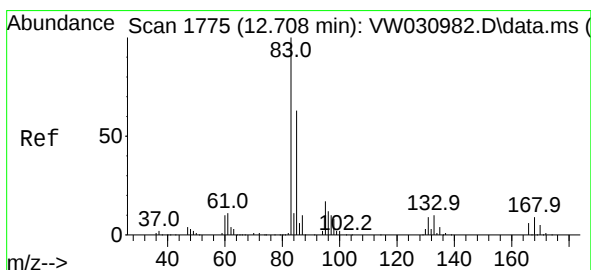
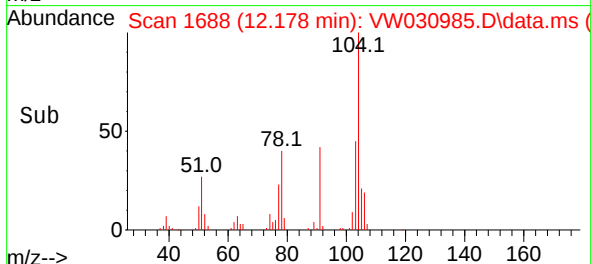
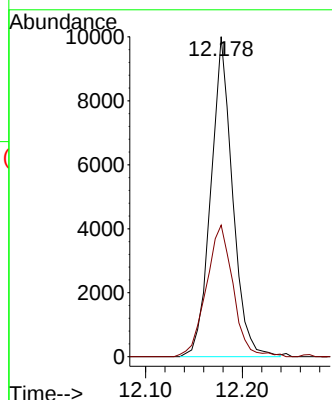
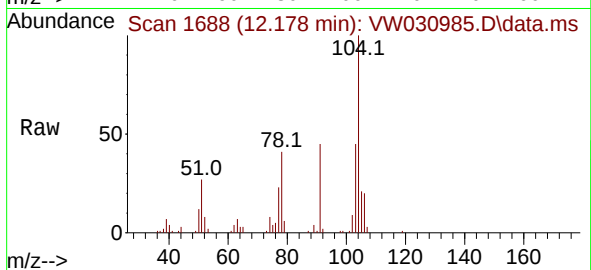
ClientSampleId :

Tgt Ion:104 Resp: 15622

Ion Ratio Lower Upper

104 100

78 41.1 31.8 59.0



#57

1,1,2,2-Tetrachloroethane

Concen: 1.395 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

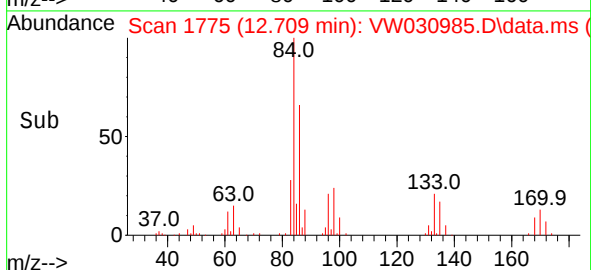
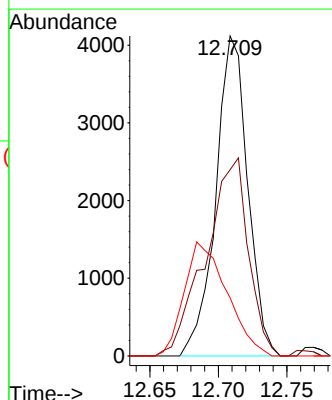
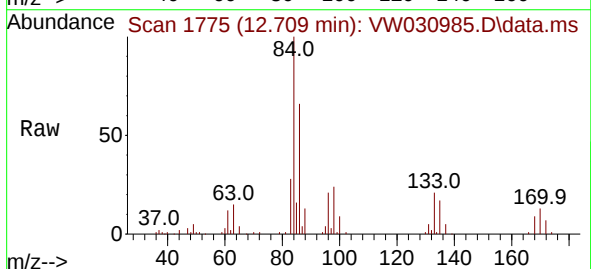
Tgt Ion: 83 Resp: 6679

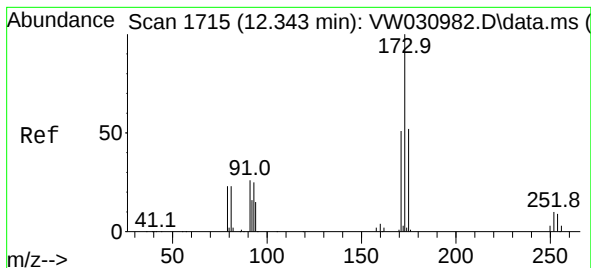
Ion Ratio Lower Upper

83 100

85 58.2 45.1 83.7

131 18.2 7.7 11.5#





#59

Bromoform

Concen: 1.245 ug/L

RT: 12.349 min Scan# 1715

Delta R.T. 0.006 min

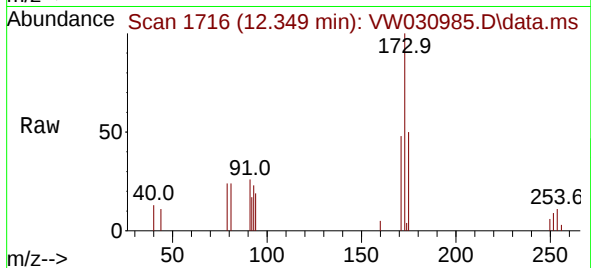
Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :



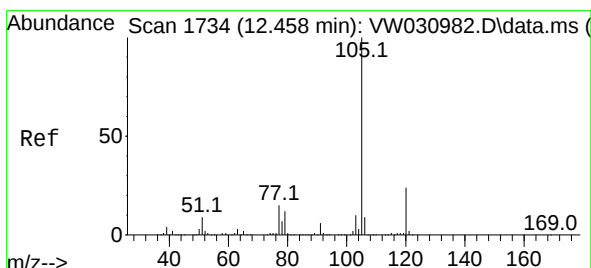
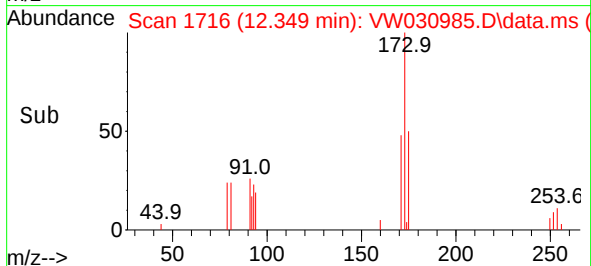
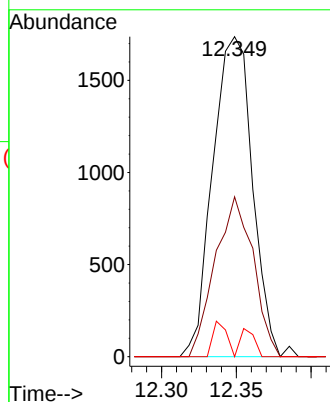
Tgt Ion:173 Resp: 3199

Ion Ratio Lower Upper

173 100

175 48.0 39.3 58.9

254 3.1 7.8 11.6#



#60

Isopropylbenzene

Concen: 0.901 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

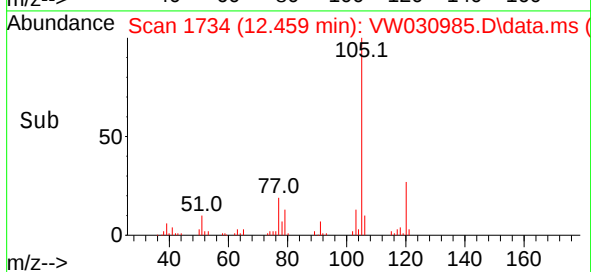
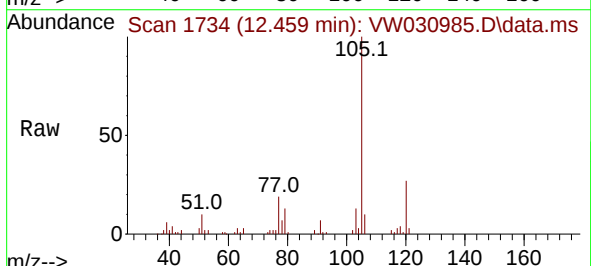
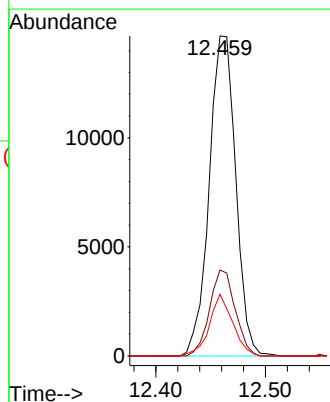
Tgt Ion:105 Resp: 24734

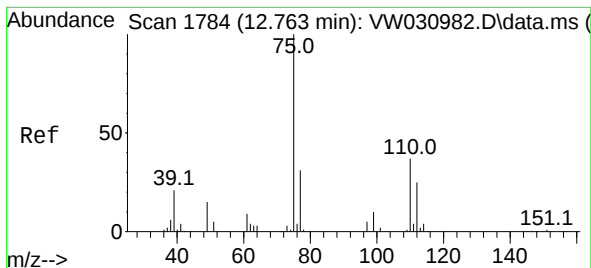
Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.9 13.0 19.4





#61

1,2,3-Trichloropropane

Concen: 1.343 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

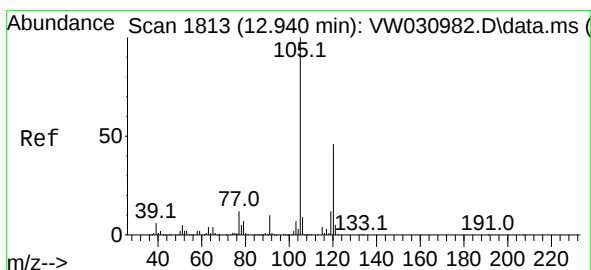
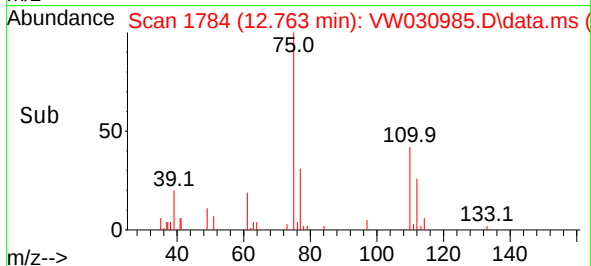
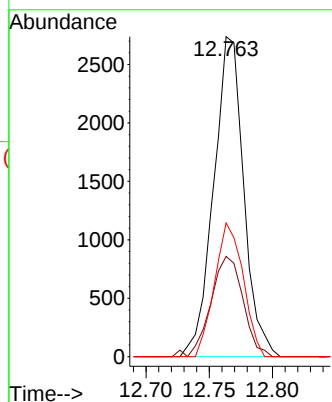
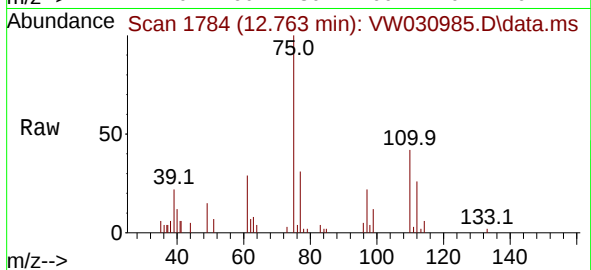
Tgt Ion: 75 Resp: 4528

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 39.6 31.8 47.8



#62

1,3,5-Trimethylbenzene

Concen: 0.824 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030985.D

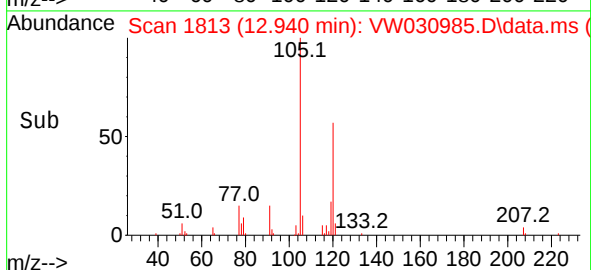
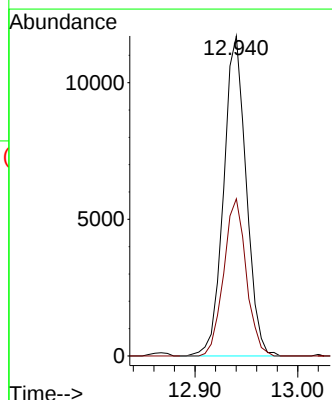
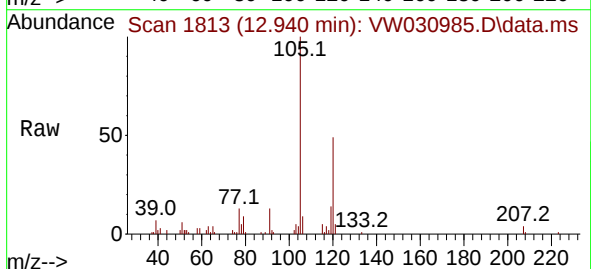
Acq: 11 Nov 2024 12:22

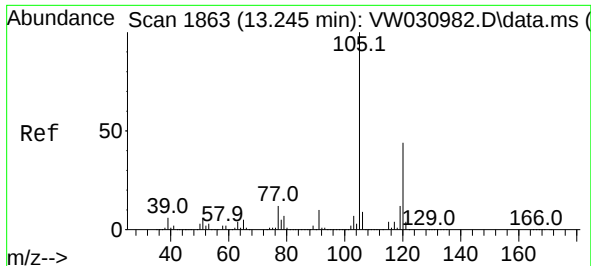
Tgt Ion:105 Resp: 17806

Ion Ratio Lower Upper

105 100

120 49.0 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 0.824 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

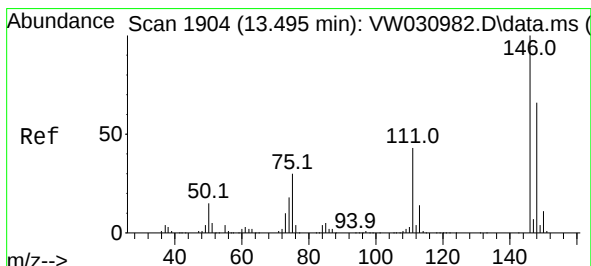
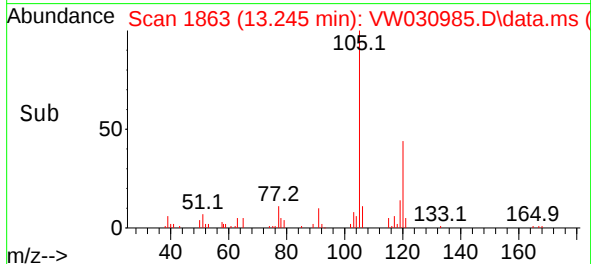
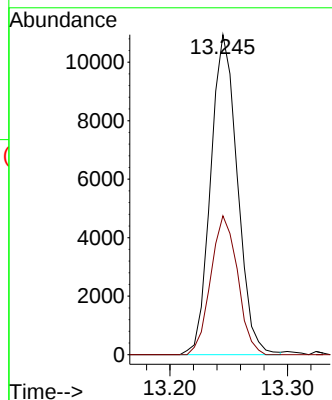
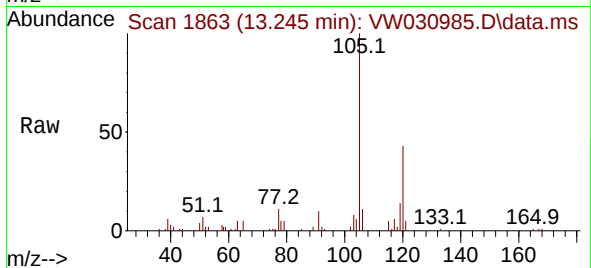
ClientSampleId :

Tgt Ion:105 Resp: 17332

Ion Ratio Lower Upper

105 100

120 43.5 35.9 53.9



#64

1,3-Dichlorobenzene

Concen: 1.160 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

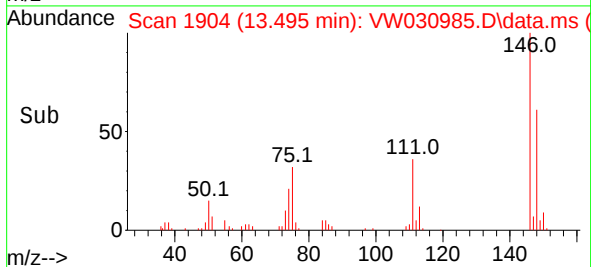
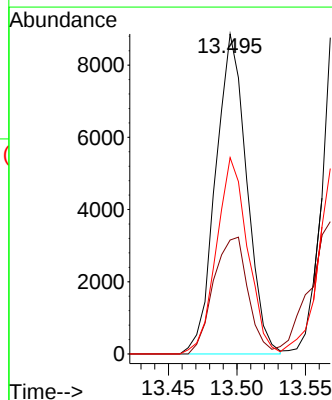
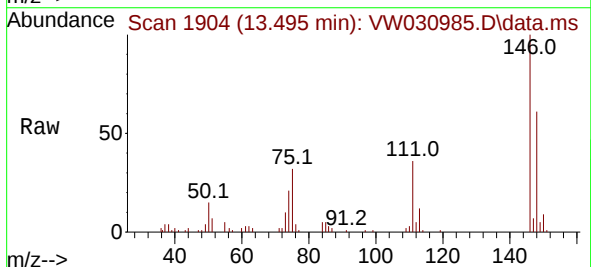
Tgt Ion:146 Resp: 13980

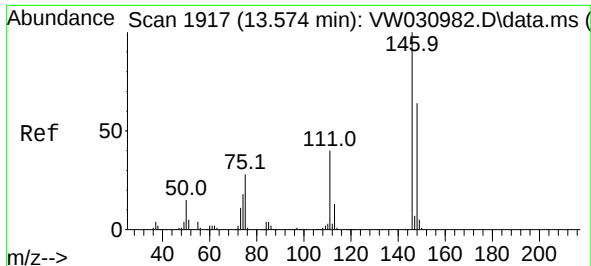
Ion Ratio Lower Upper

146 100

111 35.6 26.8 49.8

148 61.3 41.8 77.6





#65

1,4-Dichlorobenzene

Concen: 1.266 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

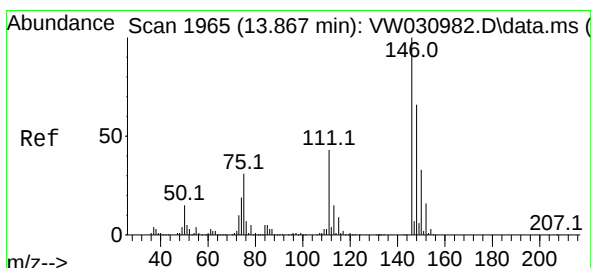
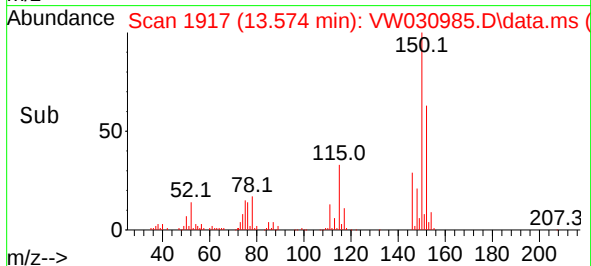
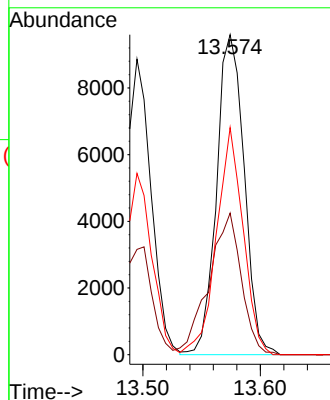
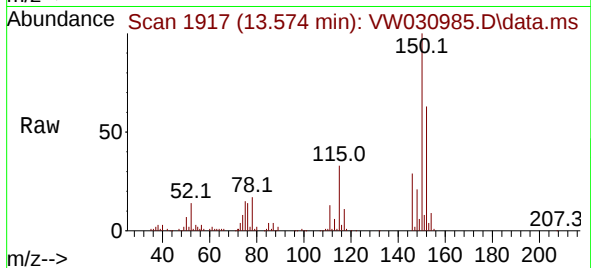
Tgt Ion:146 Resp: 15665

Ion Ratio Lower Upper

146 100

111 44.2 27.6 51.4

148 70.9 41.6 77.2



#67

1,2-Dichlorobenzene

Concen: 1.382 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

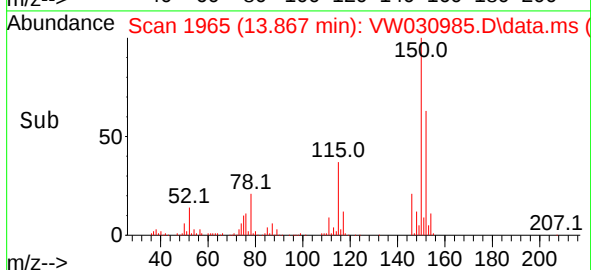
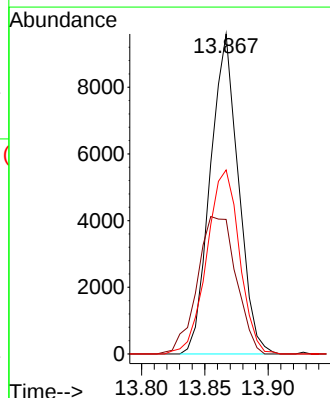
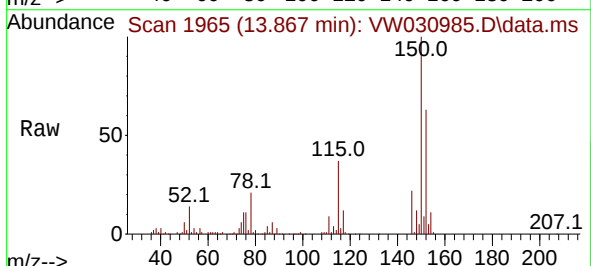
Tgt Ion:146 Resp: 14844

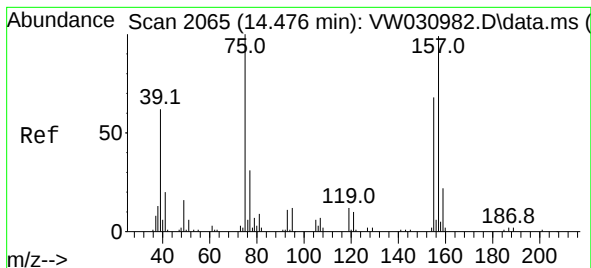
Ion Ratio Lower Upper

146 100

111 42.0 34.3 51.5

148 57.5 48.0 72.0





#68

1,2-Dibromo-3-chloropropane

Concen: 2.493 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. 0.140 min

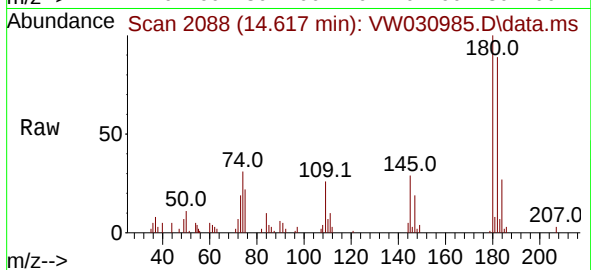
Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :



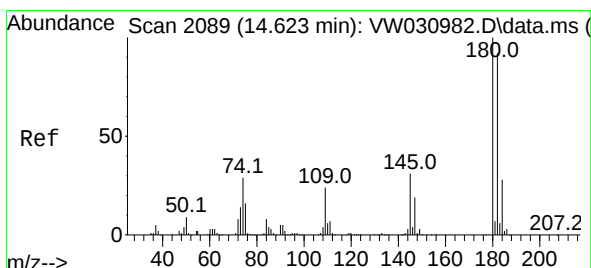
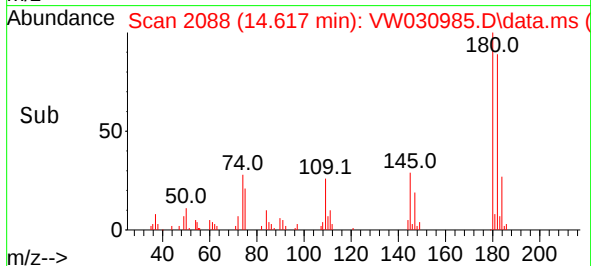
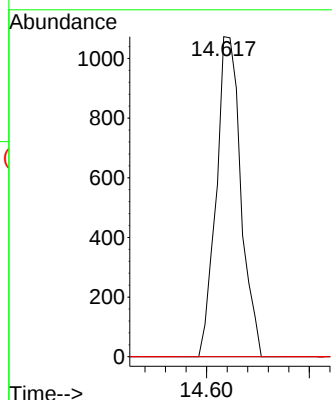
Tgt Ion: 75 Resp: 1780

Ion Ratio Lower Upper

75 100

155 0.0 56.2 84.2#

157 0.0 74.9 112.3#



#69

1,3,5-Trichlorobenzene

Concen: 1.246 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion:180 Resp: 9964

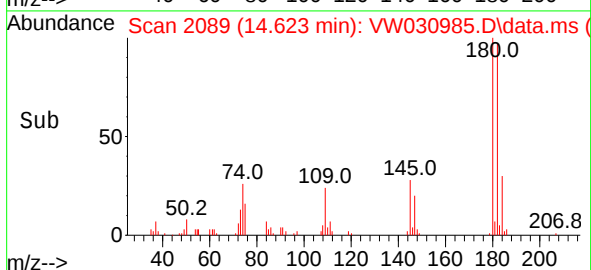
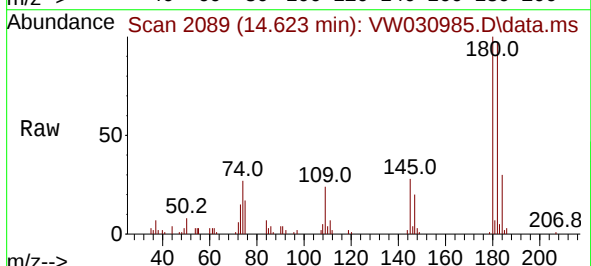
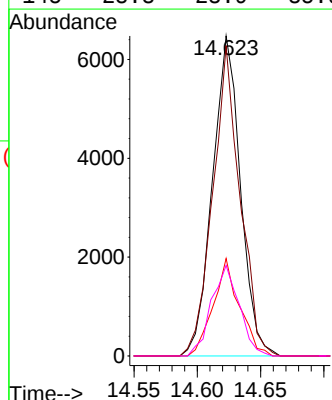
Ion Ratio Lower Upper

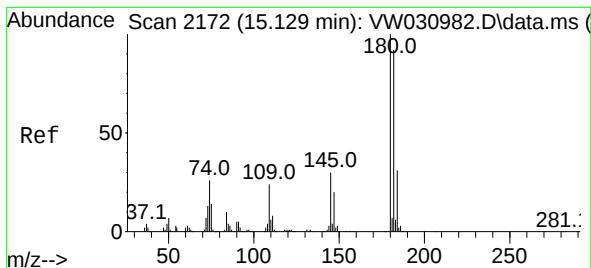
180 100

182 94.3 76.6 114.8

184 28.6 23.9 35.9

145 28.3 23.9 35.9





#70

1,2,4-trichlorobenzene

Concen: 1.107 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

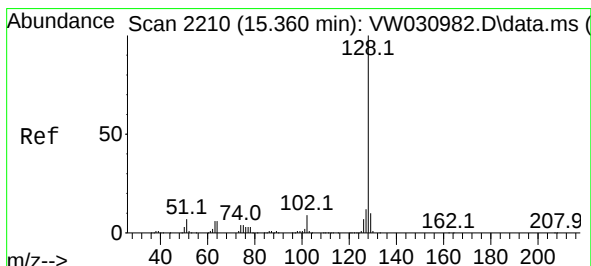
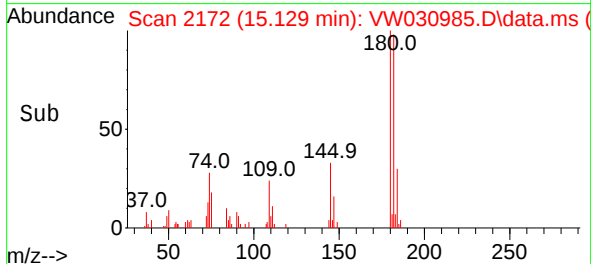
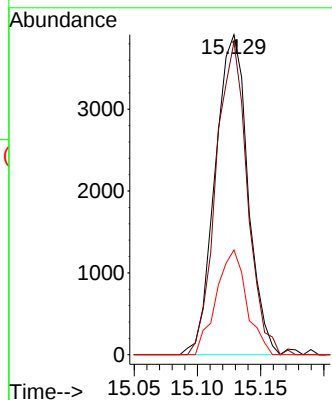
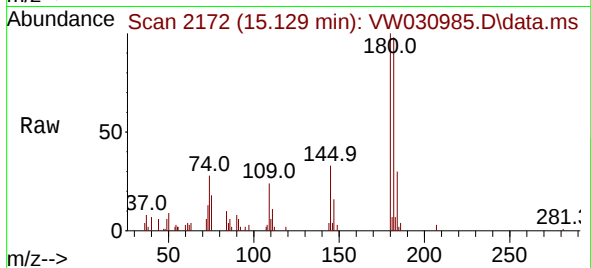
Tgt Ion:180 Resp: 7029

Ion Ratio Lower Upper

180 100

182 93.1 74.5 111.7

145 30.3 24.2 36.2



#71

Naphthalene

Concen: 0.938 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

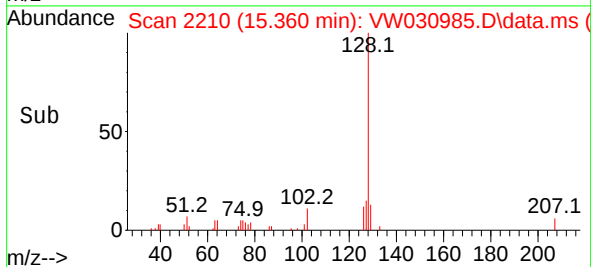
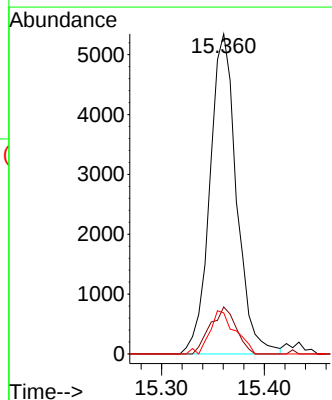
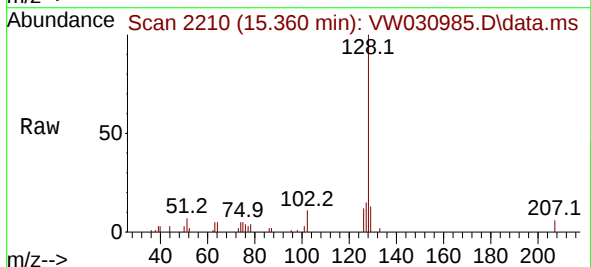
Tgt Ion:128 Resp: 9653

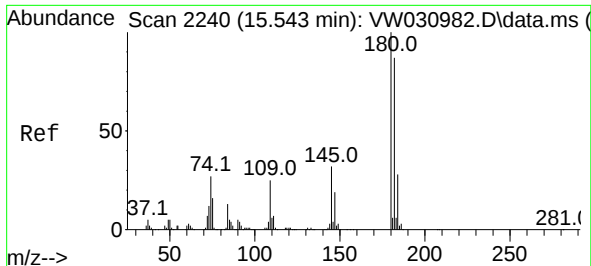
Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

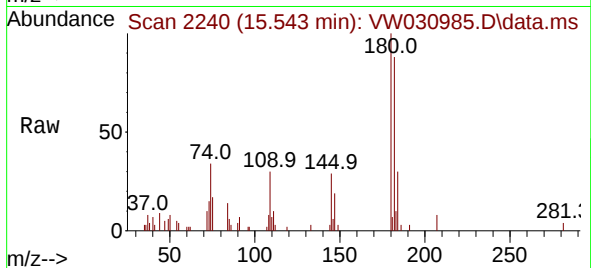
129 12.4 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.063 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	5815
Ion	Ratio	Lower	Upper
180	100		
182	93.1	79.2	118.8
145	31.9	27.0	40.6

