

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028085.D
 Acq On : 29 Feb 2024 11:38
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 01 00:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	273242	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128224	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157339	48.238	ug/L	0.00
7) Chloroethane-d5	2.905	69	129523	51.261	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	65673	49.292	ug/L	0.00
21) 2-Butanone-d5	7.075	46	49589	106.577	ug/L	0.00
24) Chloroform-d	7.648	84	297194	51.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	136651	50.735	ug/L	0.00
32) Benzene-d6	8.276	84	602599	50.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	155095	50.590	ug/L	0.00
41) Toluene-d8	10.319	98	572392	51.187	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	71516	53.232	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	48880	113.194	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125872	52.021	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	202284	53.046	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	122861	44.204	ug/L	99
3) Chloromethane	2.229	50	127808	48.153	ug/L	100
5) Vinyl chloride	2.375	62	169764	45.896	ug/L	100
6) Bromomethane	2.790	94	137286	46.522	ug/L	90
8) Chloroethane	2.936	64	109949	47.331	ug/L	98
9) Trichlorofluoromethane	3.271	101	160928	46.644	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	165698	46.194	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	156373	46.037	ug/L	90
13) Acetone	4.125	43	66901	103.565	ug/L	100
14) Carbon disulfide	4.393	76	476485	46.051	ug/L	99
15) Methyl Acetate	4.673	43	43079	46.864	ug/L	97
16) Methylene chloride	4.917	84	148808	39.590	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	164027	45.193	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	209962	47.236	ug/L	100
19) 1,1-Dichloroethane	6.222	63	258012	44.959	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	177529	46.478	ug/L	96
22) 2-Butanone	7.167	43	74715	102.865	ug/L	100
23) Bromochloromethane	7.520	128	82487	46.001	ug/L	91
25) Chloroform	7.673	83	284179	44.334	ug/L	99
27) 1,2-Dichloroethane	8.398	62	173359	45.482	ug/L	100
29) Cyclohexane	7.959	56	229704	46.995	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	253728	44.708	ug/L	99
31) Carbon tetrachloride	8.069	117	240959	45.467	ug/L	100
33) Benzene	8.325	78	623774	45.425	ug/L	100
34) Trichloroethene	9.093	95	176511	43.870	ug/L	96
35) Methylcyclohexane	9.337	83	306144	47.013	ug/L	97
37) 1,2-Dichloropropane	9.368	63	144177	45.086	ug/L	100
38) Bromodichloromethane	9.642	83	207323	44.885	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	253162	48.141	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	120947	95.224	ug/L	98
42) Toluene	10.386	91	700957	45.176	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	207659	48.609	ug/L	98

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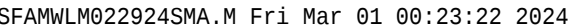
Instrument :
 MSVOA_W
 ClientSampleId :

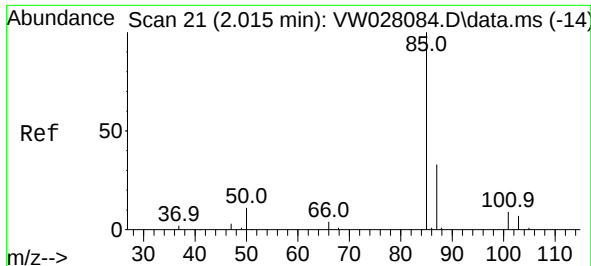
Quant Time: Mar 01 00:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:20:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	120011	44.749	ug/L	97
46) Tetrachloroethene	10.855	164	153222	45.438	ug/L	96
48) 2-Hexanone	10.965	43	104598	101.849	ug/L	99
49) Dibromochloromethane	11.129	129	149314	47.892	ug/L	94
50) 1,2-Dibromoethane	11.233	107	118692	45.950	ug/L	92
51) Chlorobenzene	11.654	112	458053	44.243	ug/L	94
52) Ethylbenzene	11.727	91	825987	46.562	ug/L	96
53) m,p-Xylene	11.837	106	317308	46.102	ug/L	97
54) o-Xylene	12.160	106	307859	47.262	ug/L	98
55) Styrene	12.178	104	521743	46.965	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	132201	45.716	ug/L	98
59) Bromoform	12.349	173	87664	48.226	ug/L	96
60) Isopropylbenzene	12.459	105	854303	48.565	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	91877	46.612	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	556628	48.263	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	689891	50.161	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	364723	44.862	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	377943	46.048	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	345490	47.178	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	20109	48.573	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	281708	46.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	229611	47.656	ug/L	96
71) Naphthalene	15.360	128	403822	51.246	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	189597	47.057	ug/L	95

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

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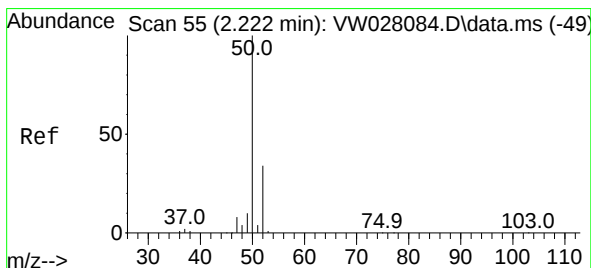
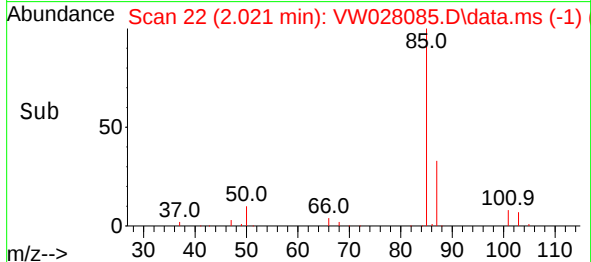
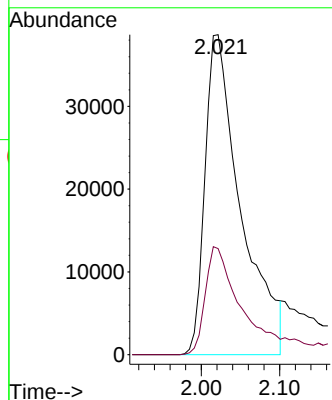
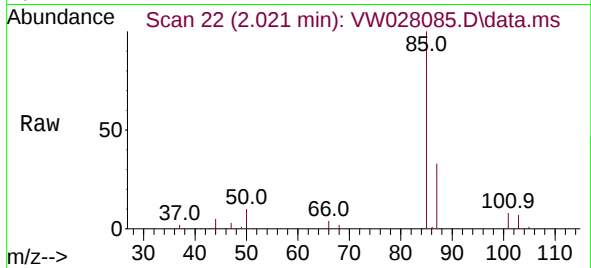




#2
 Dichlorodifluoromethane
 Concen: 44.204 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028085.D
 Acq: 29 Feb 2024 11:38

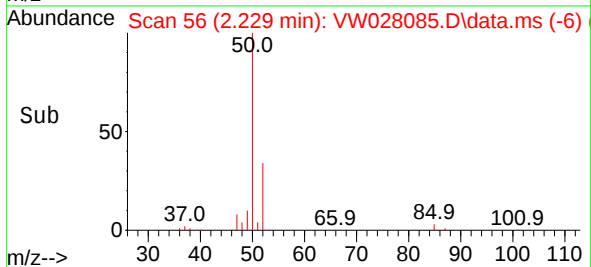
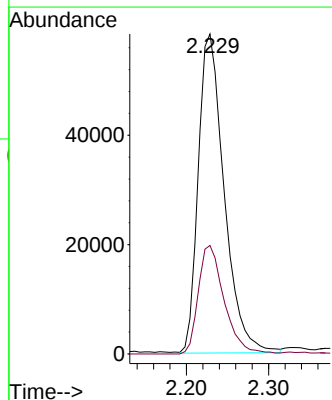
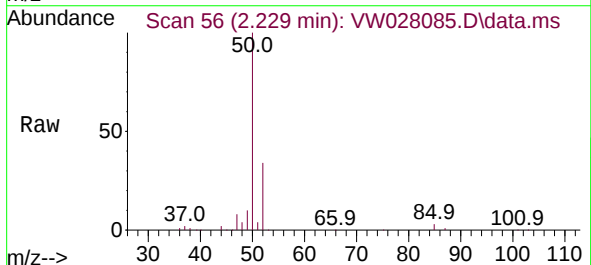
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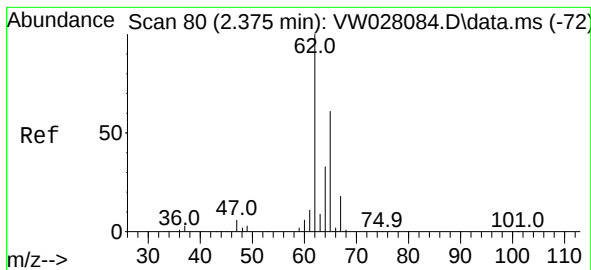
Tgt Ion: 85 Resp: 122861
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 39.8



#3
 Chloromethane
 Concen: 48.153 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028085.D
 Acq: 29 Feb 2024 11:38

Tgt Ion: 50 Resp: 127808
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 43.9





#5

Vinyl chloride

Concen: 45.896 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

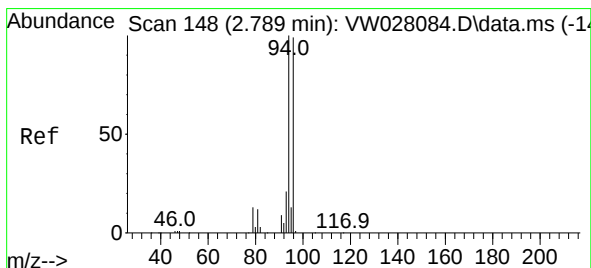
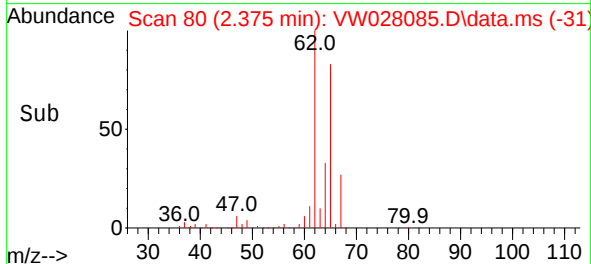
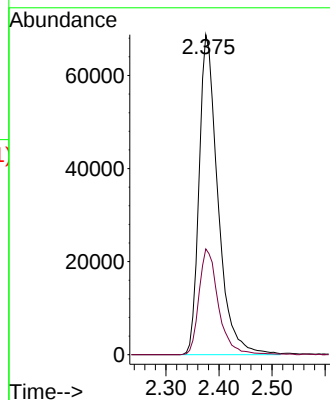
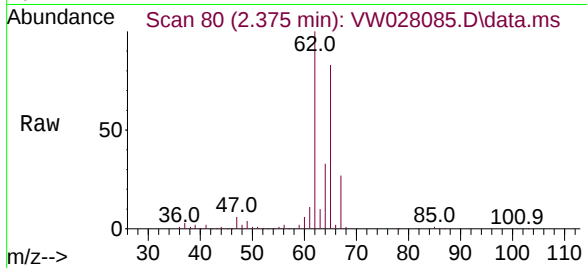
ClientSampleId :

Tgt Ion: 62 Resp: 169764

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 46.522 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028085.D

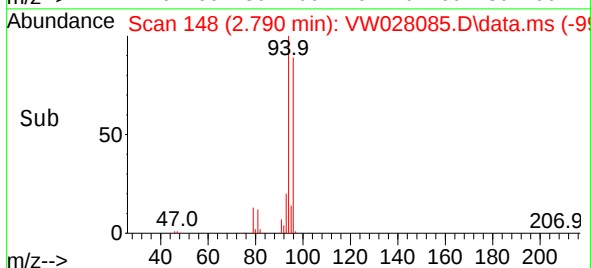
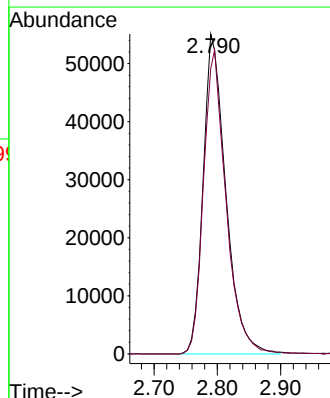
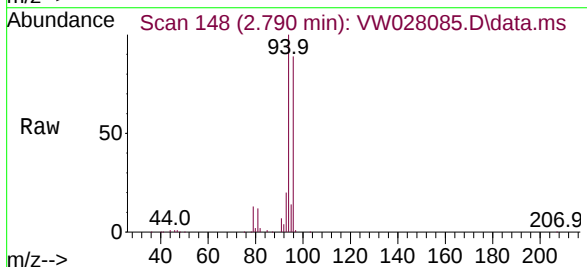
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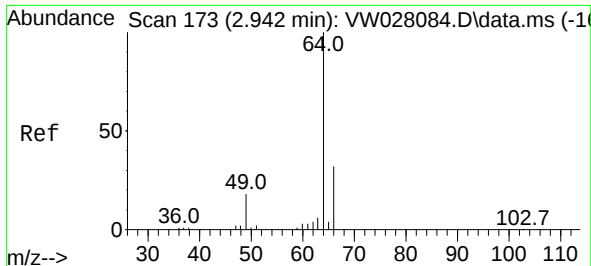
Tgt Ion: 94 Resp: 137286

Ion Ratio Lower Upper

94 100

96 89.2 69.1 128.3

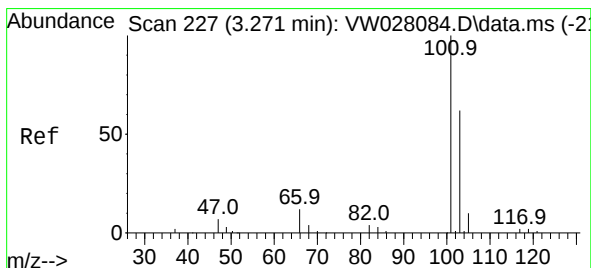
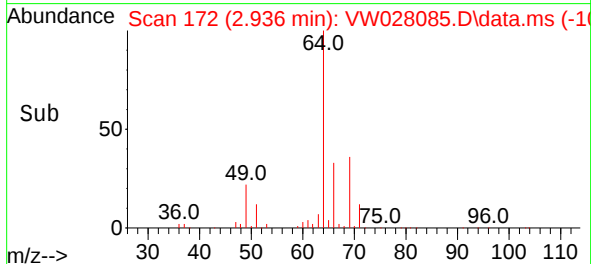
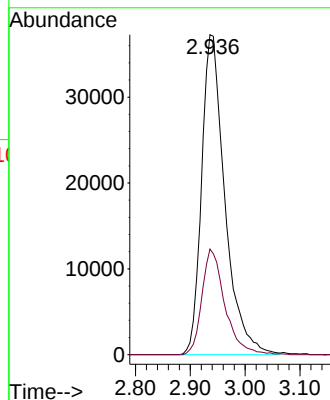
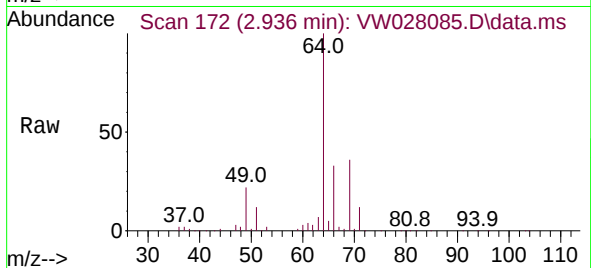




#8
Chloroethane
Concen: 47.331 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

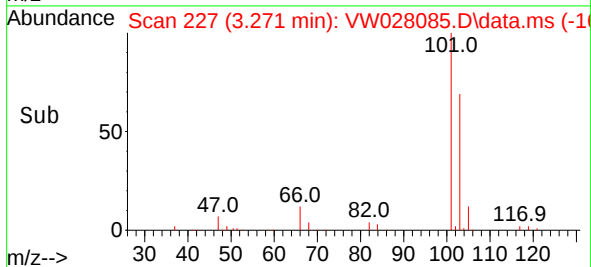
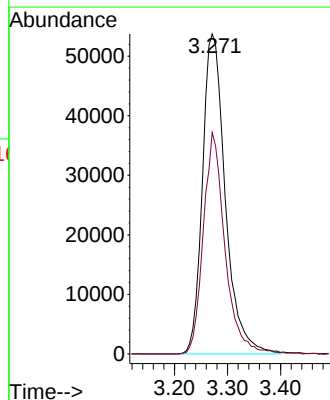
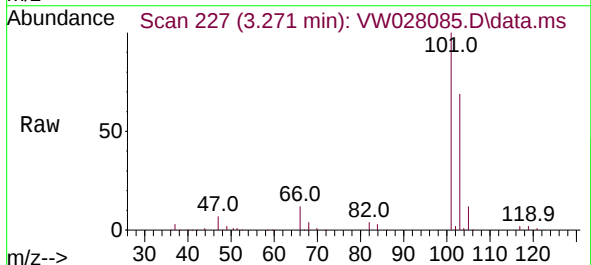
Instrument :
MSVOA_W
ClientSampleId :

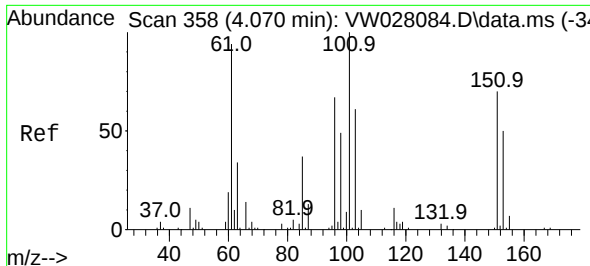
Tgt Ion: 64 Resp: 109949
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.644 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion:101 Resp: 160928
Ion Ratio Lower Upper
101 100
103 65.5 52.6 78.8





#10

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

Concen: 46.194 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

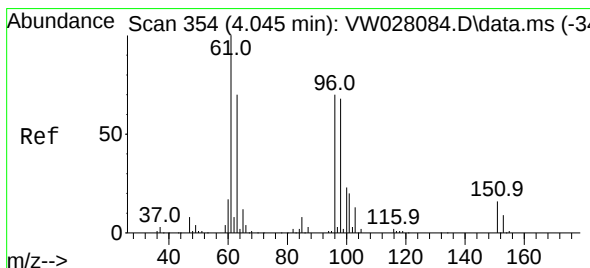
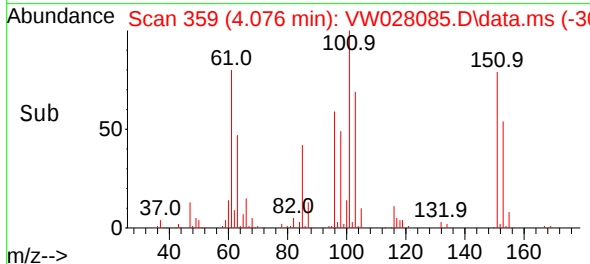
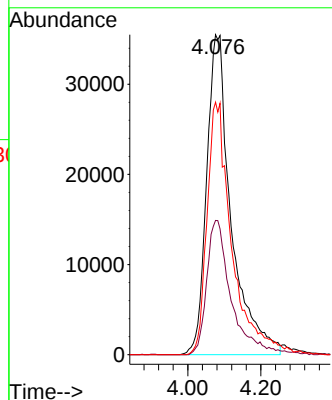
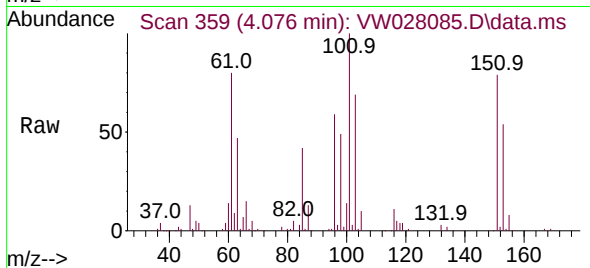
Tgt Ion:101 Resp: 165698

Ion Ratio Lower Upper

101 100

85 39.6 33.1 49.7

151 36.0 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 46.037 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

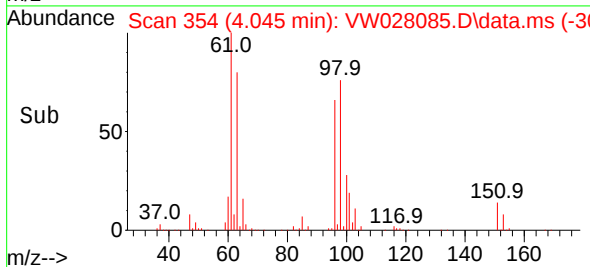
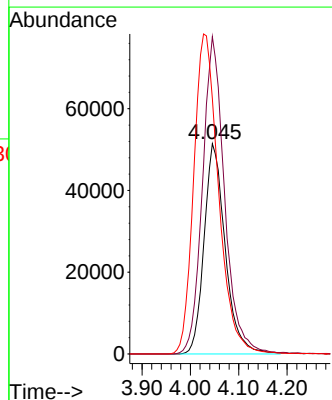
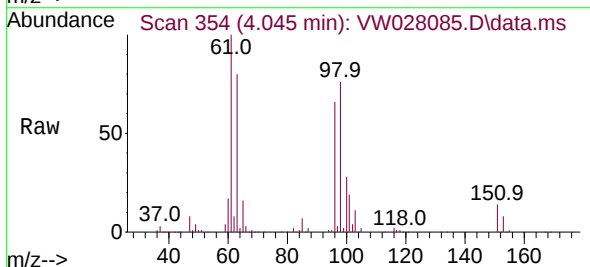
Tgt Ion: 96 Resp: 156373

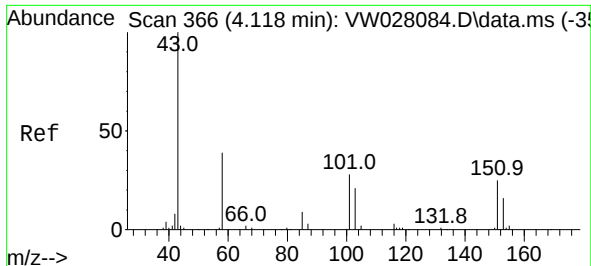
Ion Ratio Lower Upper

96 100

61 150.9 100.5 186.7

63 121.4 72.9 135.5

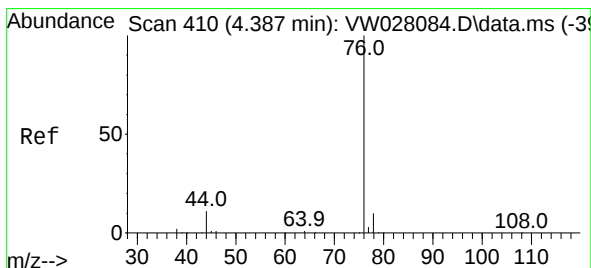
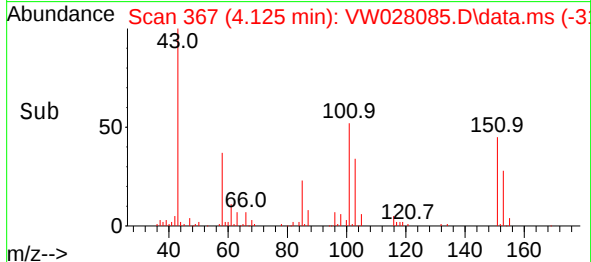
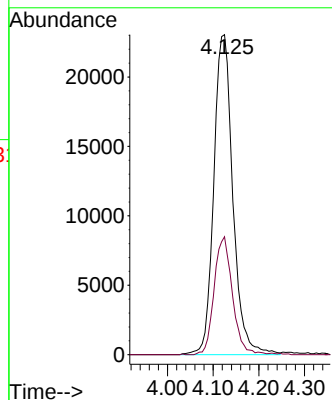
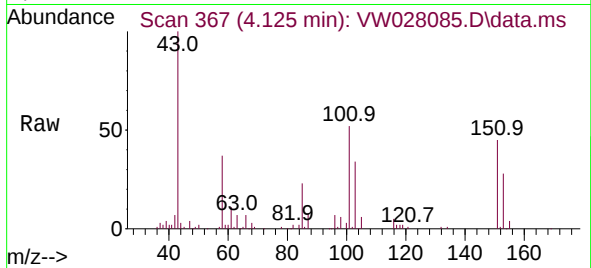




#13
Acetone
Concen: 103.565 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

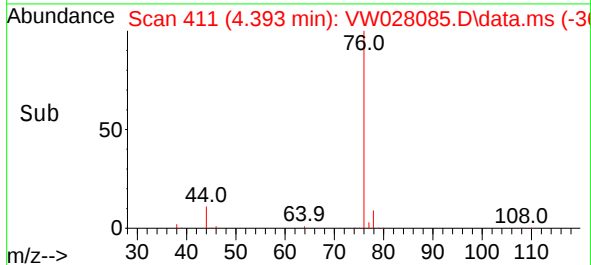
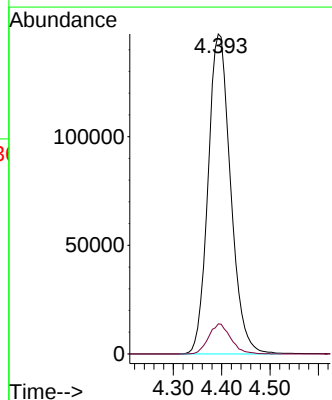
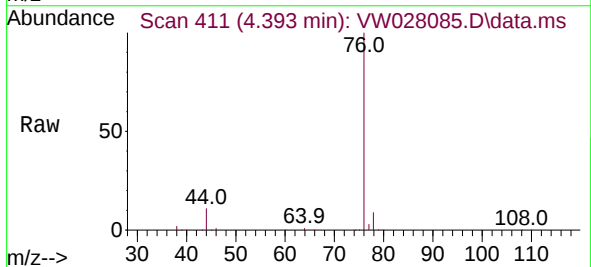
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ClientSampleId :

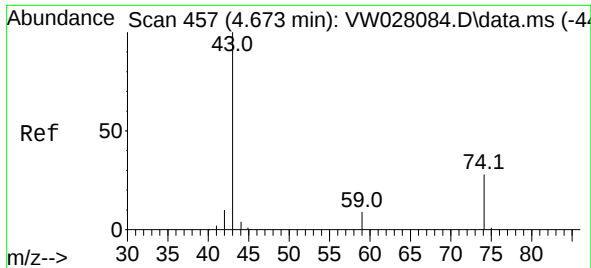
Tgt Ion: 43 Resp: 66901
Ion Ratio Lower Upper
43 100
58 34.7 0.0 70.0



#14
Carbon disulfide
Concen: 46.051 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 76 Resp: 476485
Ion Ratio Lower Upper
76 100
78 9.4 7.9 11.9

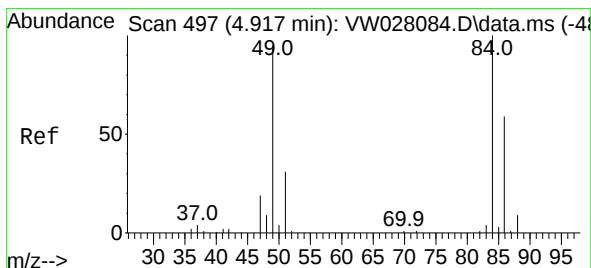
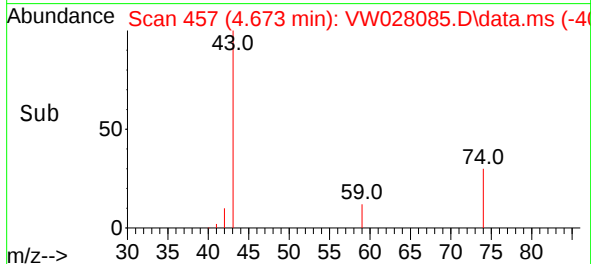
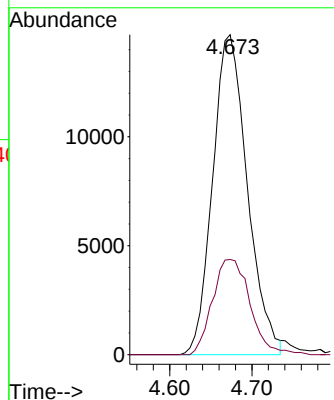
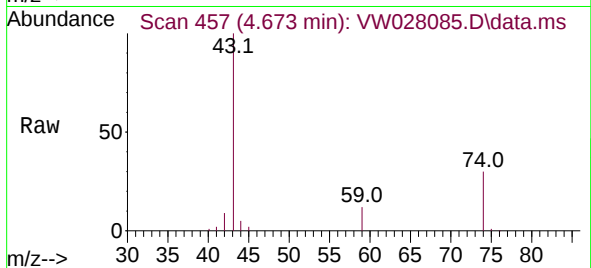




#15
Methyl Acetate
Concen: 46.864 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

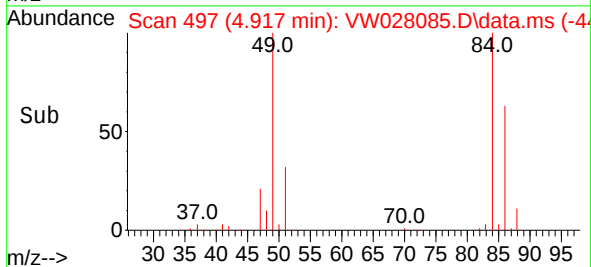
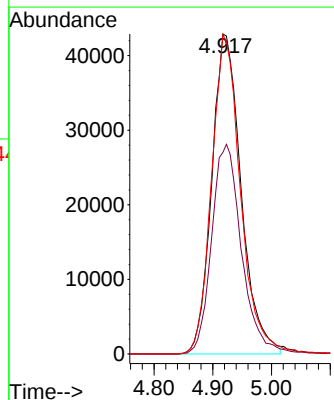
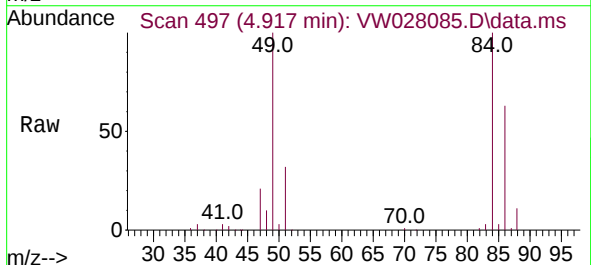
Instrument :
MSVOA_W
ClientSampleId :

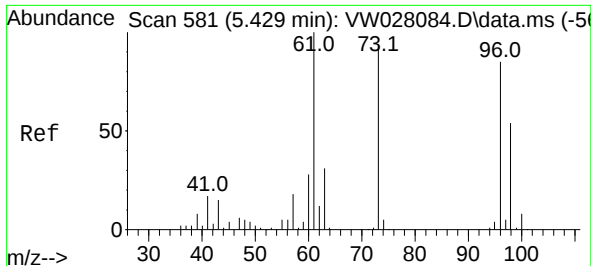
Tgt Ion: 43 Resp: 43079
Ion Ratio Lower Upper
43 100
74 32.2 24.3 36.5



#16
Methylene chloride
Concen: 39.590 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 84 Resp: 148808
Ion Ratio Lower Upper
84 100
86 63.0 41.2 76.6
49 99.8 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 45.193 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

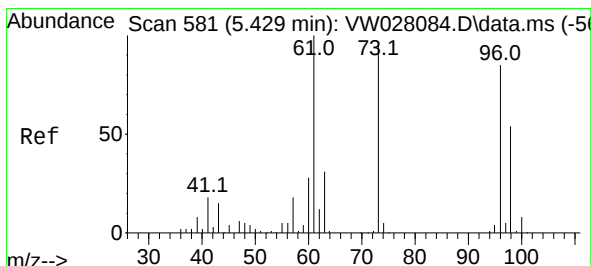
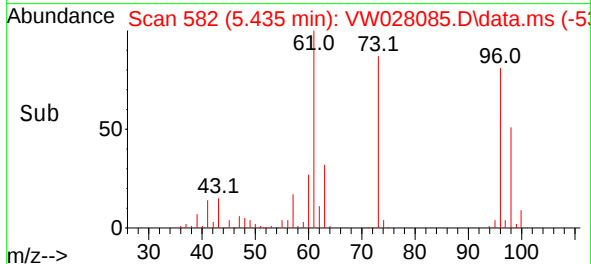
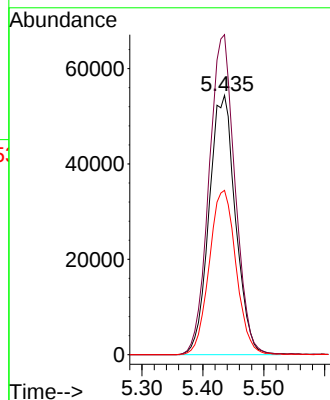
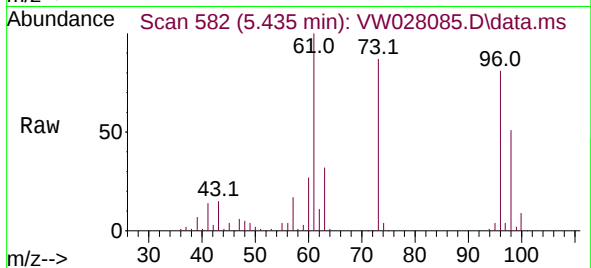
Tgt Ion: 96 Resp: 164027

Ion Ratio Lower Upper

96 100

61 123.4 82.6 153.4

98 63.4 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 47.236 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

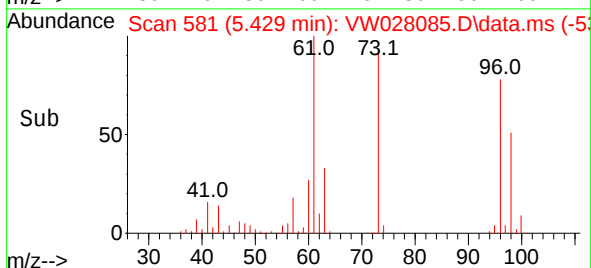
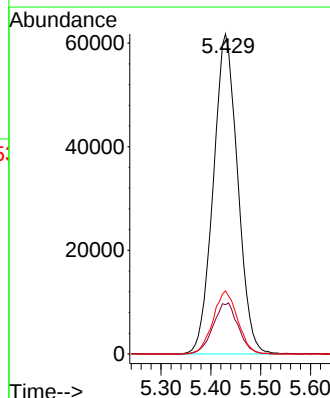
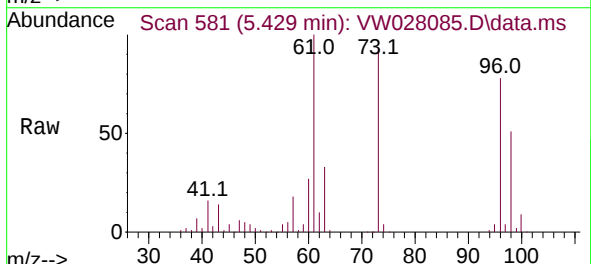
Tgt Ion: 73 Resp: 209962

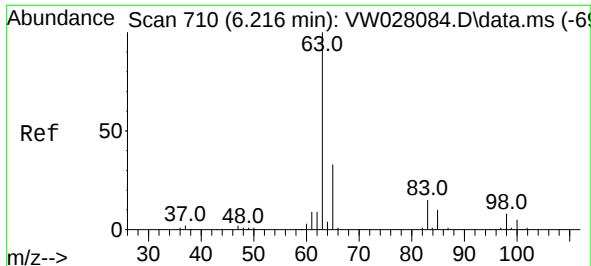
Ion Ratio Lower Upper

73 100

43 16.3 13.3 19.9

57 19.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 44.959 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

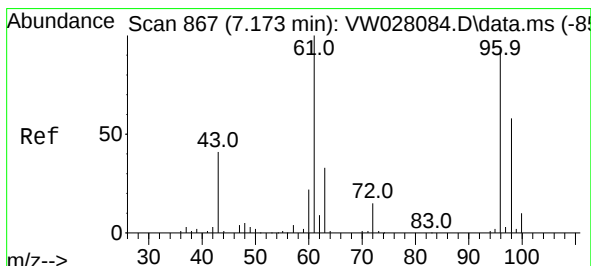
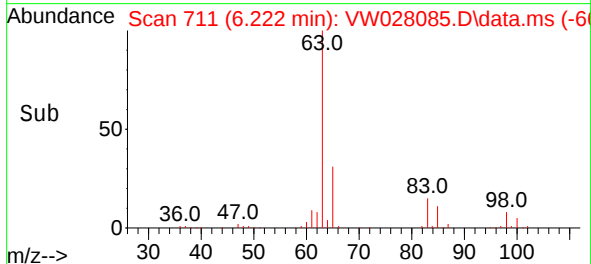
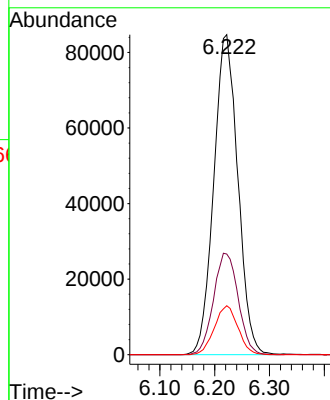
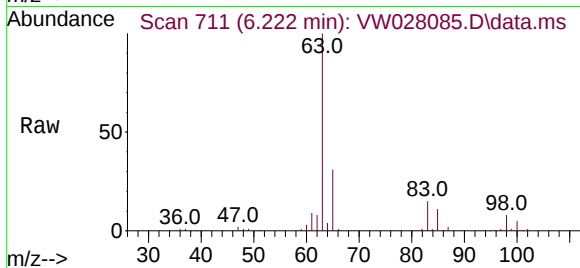
Tgt Ion: 63 Resp: 258012

Ion Ratio Lower Upper

63 100

65 31.5 23.2 43.0

83 15.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 46.478 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

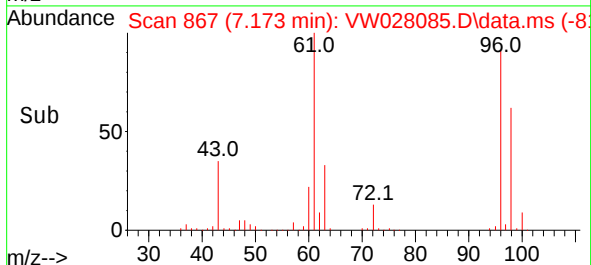
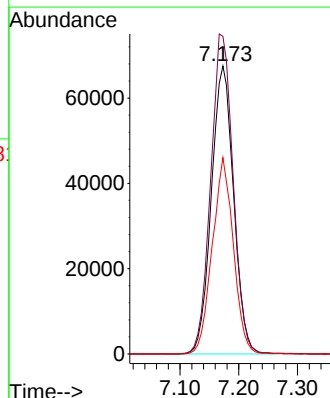
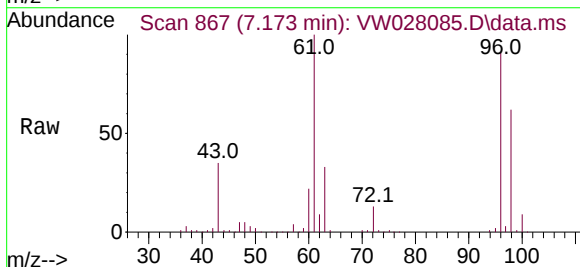
Tgt Ion: 96 Resp: 177529

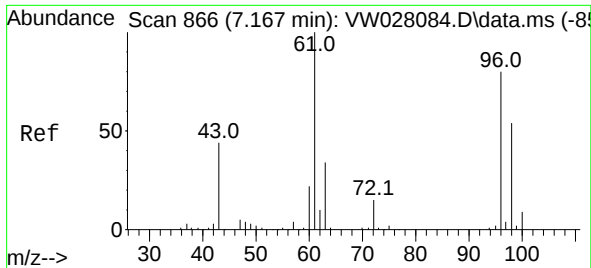
Ion Ratio Lower Upper

96 100

61 110.3 75.5 140.1

98 68.2 43.8 81.4

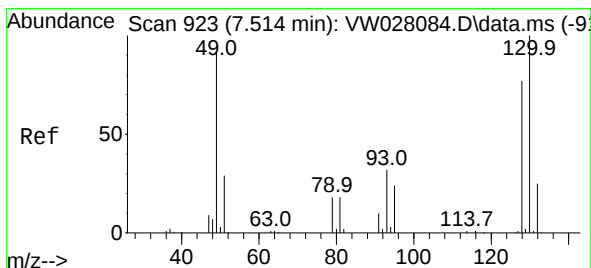
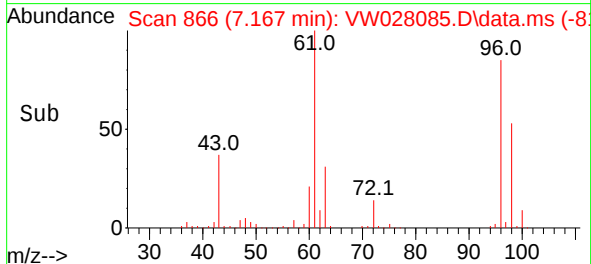
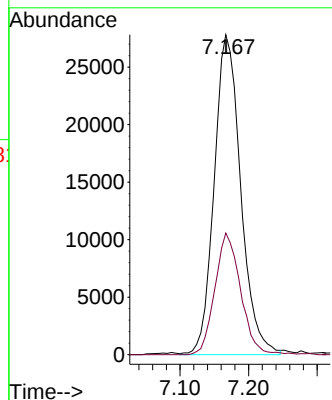
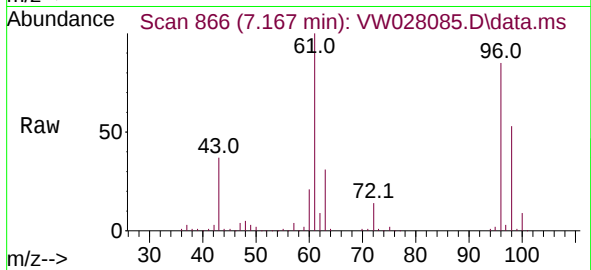




#22
2-Butanone
Concen: 102.865 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

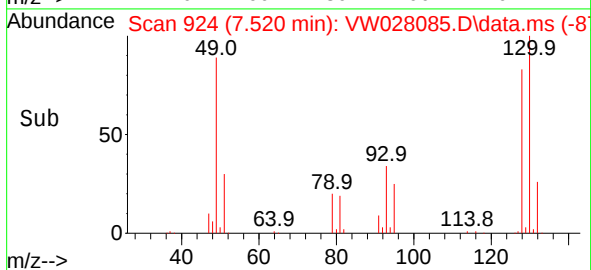
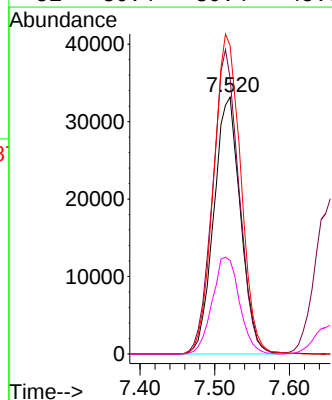
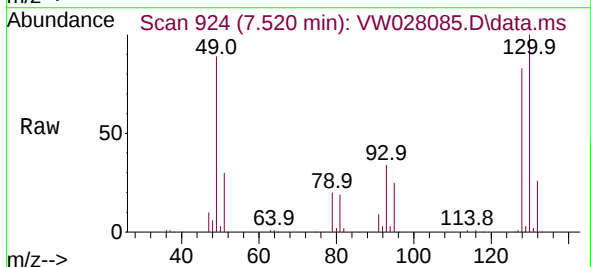
Instrument :
MSVOA_W
ClientSampleId :

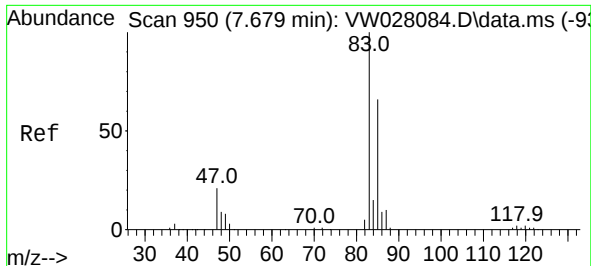
Tgt Ion: 43 Resp: 74715
Ion Ratio Lower Upper
43 100
72 36.7 18.4 55.0



#23
Bromochloromethane
Concen: 46.001 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 128 Resp: 82487
Ion Ratio Lower Upper
128 100
49 107.3 84.4 156.8
130 120.0 91.1 169.3
51 36.4 30.4 45.6





#25

Chloroform

Concen: 44.334 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

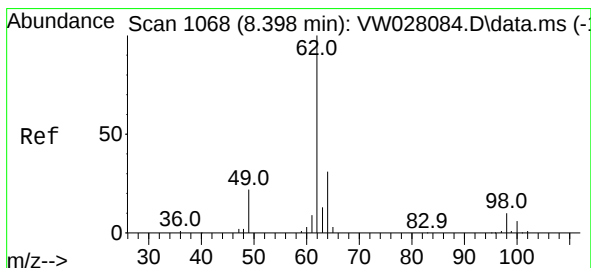
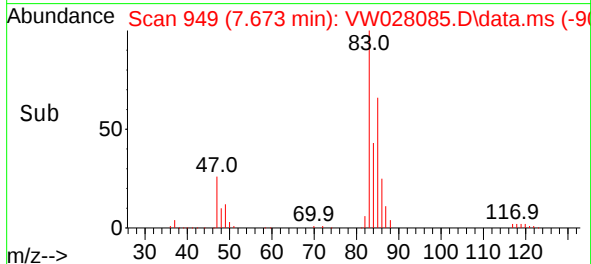
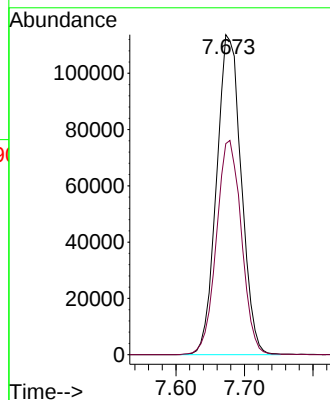
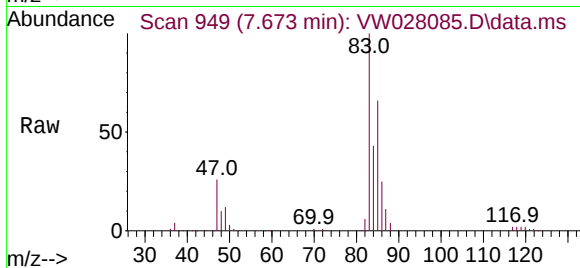
ClientSampleId :

Tgt Ion: 83 Resp: 284179

Ion Ratio Lower Upper

83 100

85 65.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 45.482 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028085.D

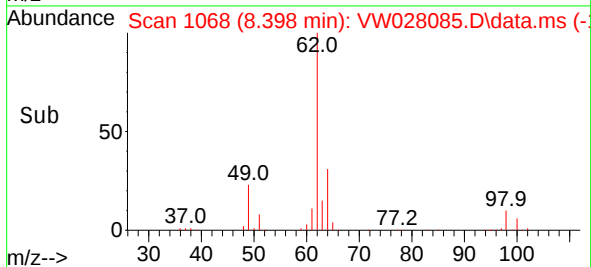
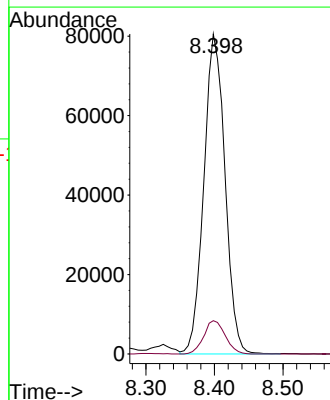
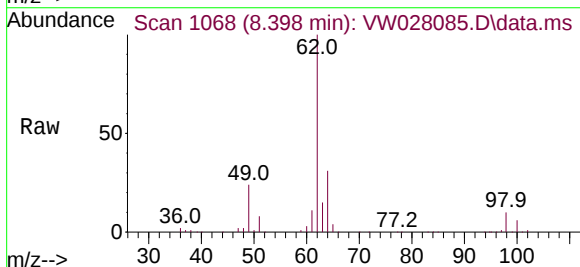
Acq: 29 Feb 2024 11:38

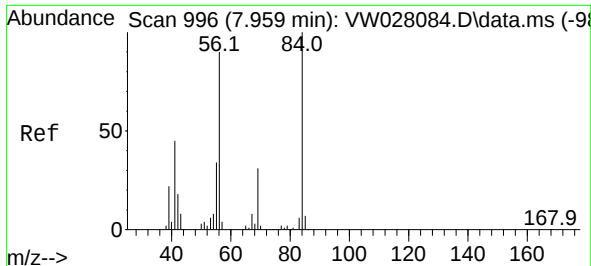
Tgt Ion: 62 Resp: 173359

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.4





#29

Cyclohexane

Concen: 46.995 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

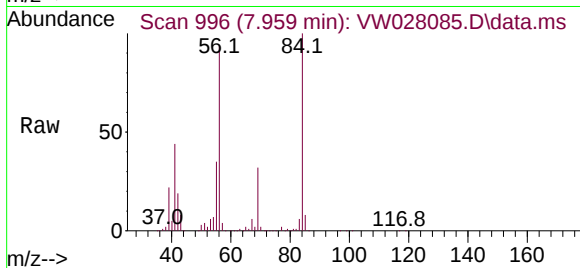
Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



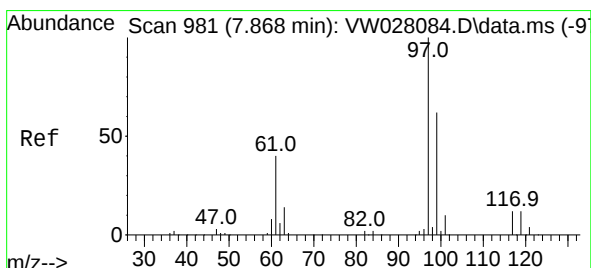
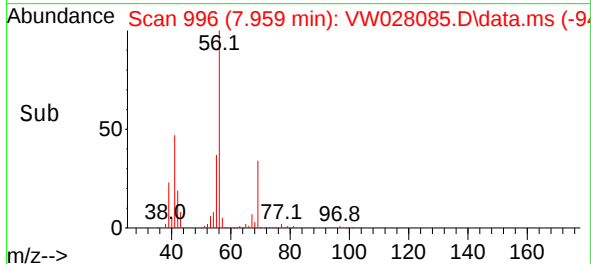
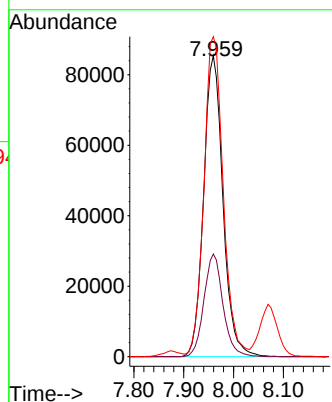
Tgt Ion: 56 Resp: 229704

Ion Ratio Lower Upper

56 100

69 33.7 27.6 41.4

84 106.5 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 44.708 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

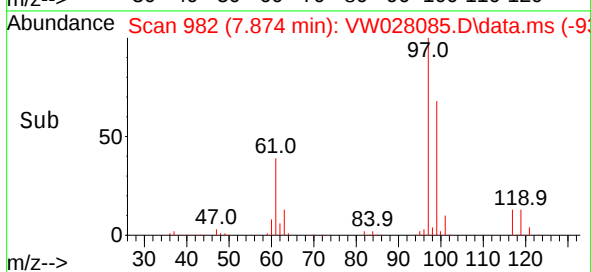
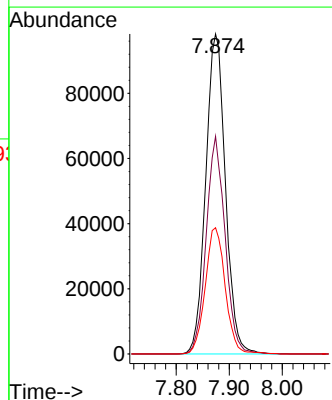
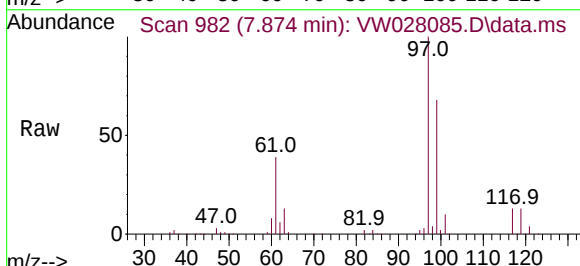
Tgt Ion: 97 Resp: 253728

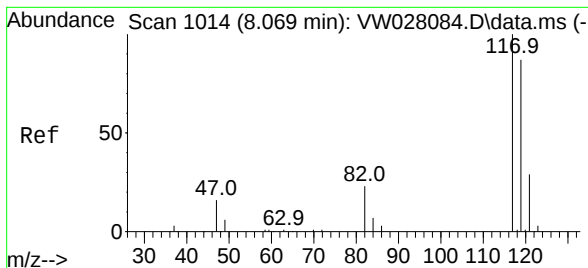
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 40.1 31.8 47.6





#31

Carbon tetrachloride

Concen: 45.467 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

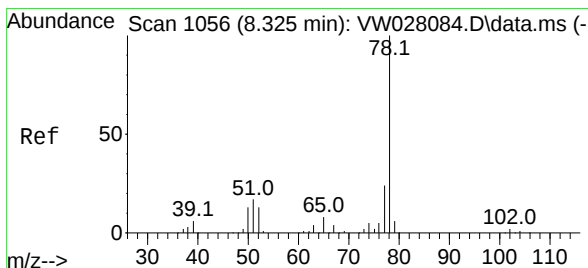
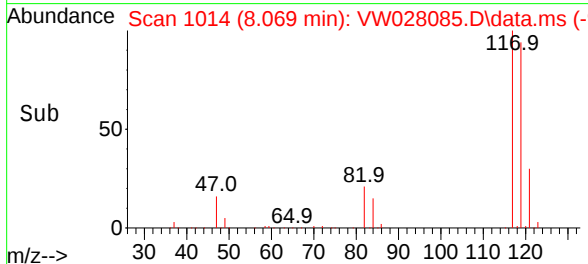
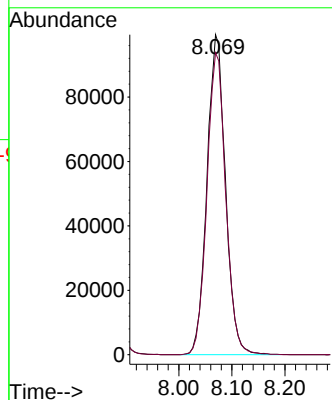
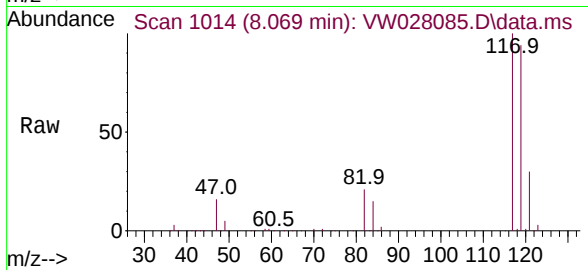
ClientSampleId :

Tgt Ion:117 Resp: 240959

Ion Ratio Lower Upper

117 100

119 95.8 76.8 115.2



#33

Benzene

Concen: 45.425 ug/L

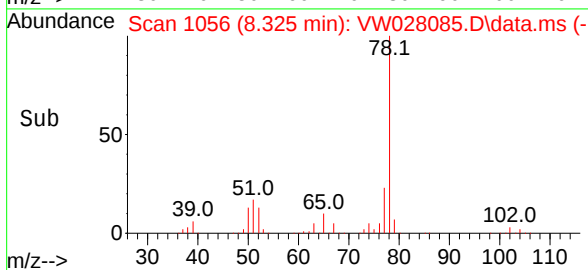
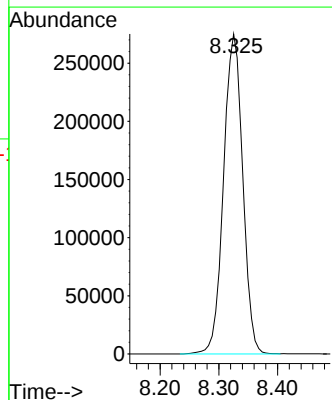
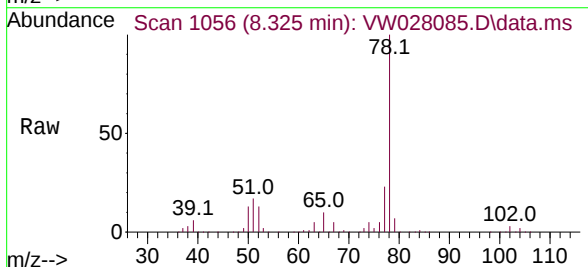
RT: 8.325 min Scan# 1056

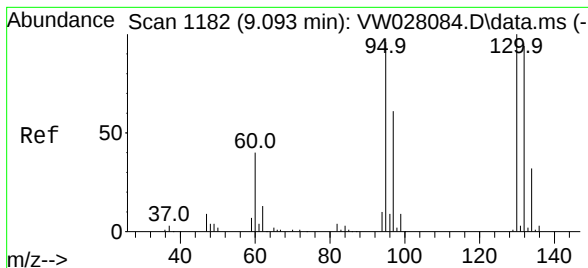
Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Tgt Ion: 78 Resp: 623774





#34

Trichloroethene

Concen: 43.870 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

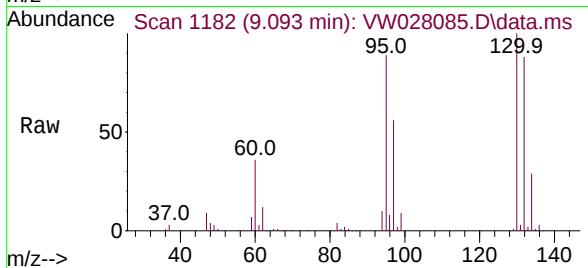
Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 176511

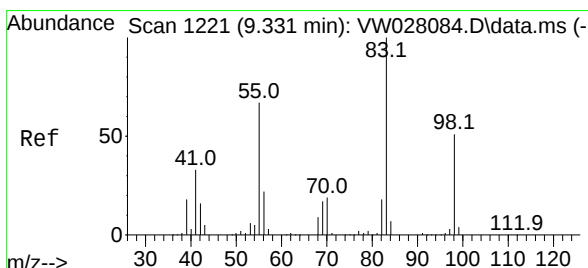
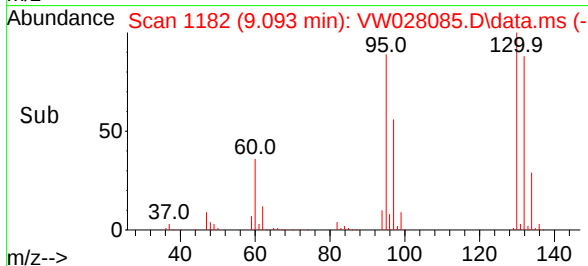
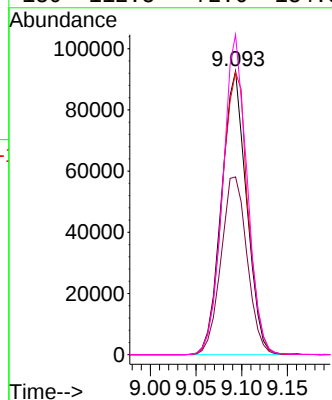
Ion Ratio Lower Upper

95 100

97 62.7 44.5 82.7

132 99.5 68.3 126.9

130 112.8 72.6 134.8



#35

Methylcyclohexane

Concen: 47.013 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

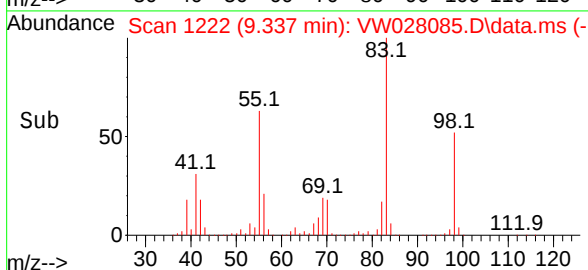
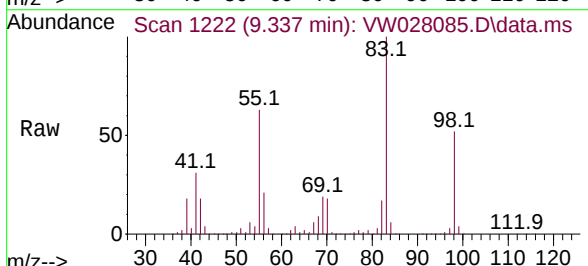
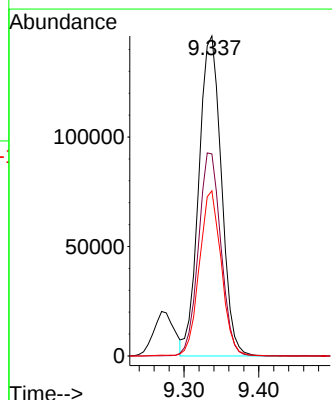
Tgt Ion: 83 Resp: 306144

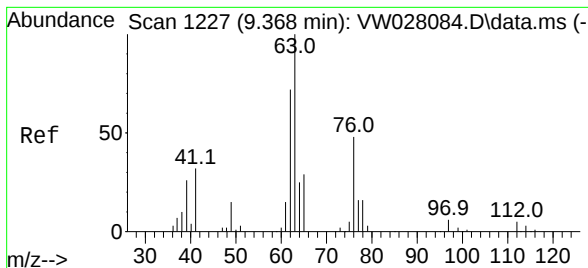
Ion Ratio Lower Upper

83 100

55 62.9 52.1 78.1

98 50.2 42.2 63.4





#37

1,2-Dichloropropane

Concen: 45.086 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

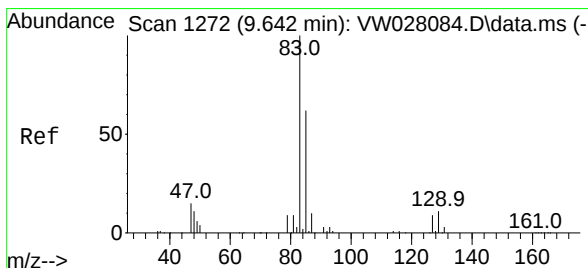
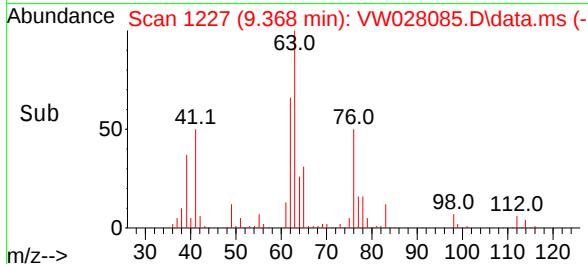
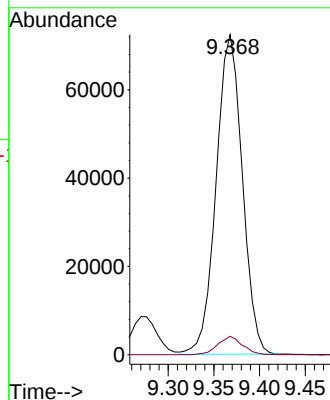
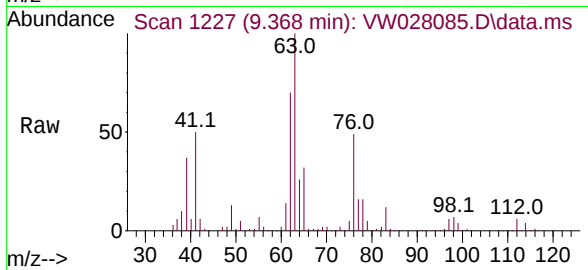
ClientSampleId :

Tgt Ion: 63 Resp: 144177

Ion Ratio Lower Upper

63 100

112 5.4 4.4 6.6



#38

Bromodichloromethane

Concen: 44.885 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

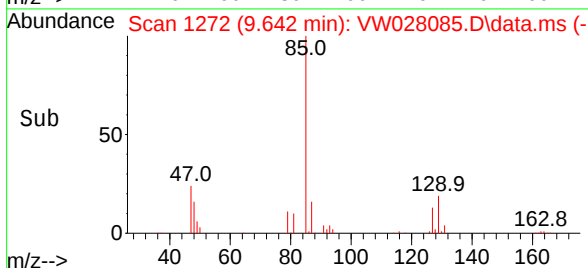
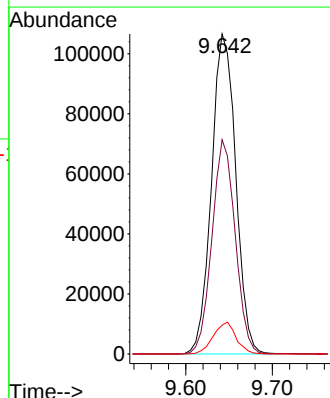
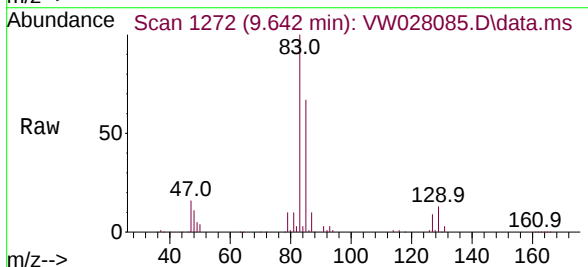
Tgt Ion: 83 Resp: 207323

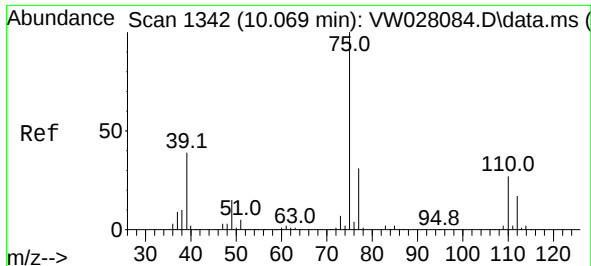
Ion Ratio Lower Upper

83 100

85 66.9 43.3 80.5

127 9.0 6.9 10.3

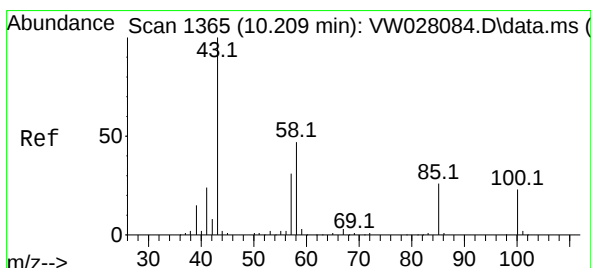
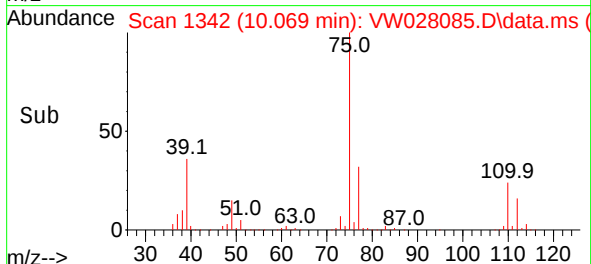
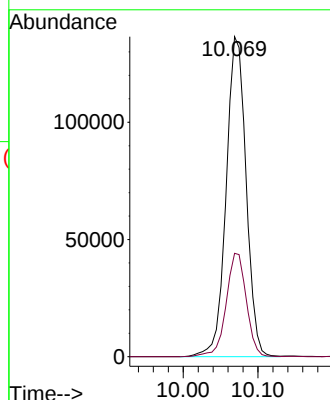
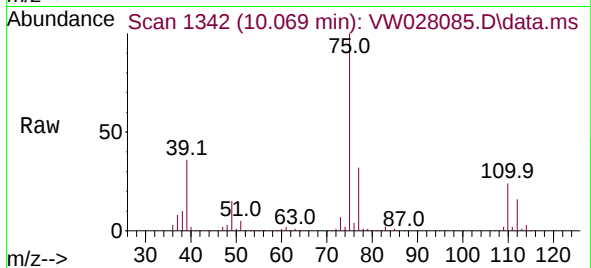




#39
cis-1,3-Dichloropropene
Concen: 48.141 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

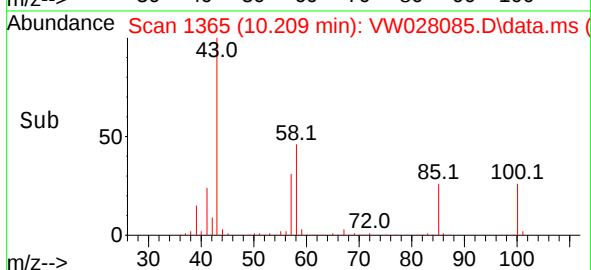
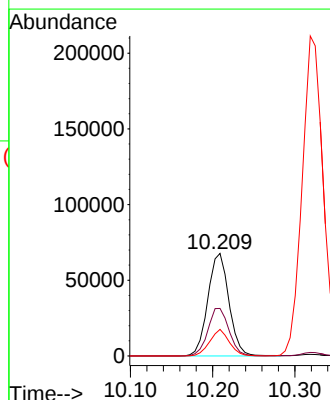
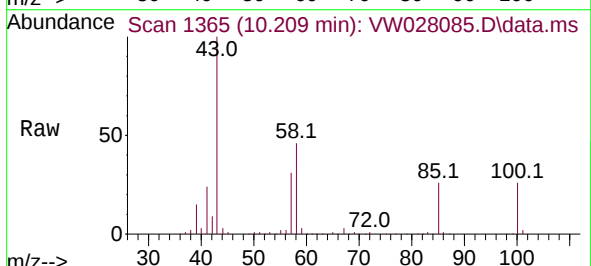
Instrument :
MSVOA_W
ClientSampleId :

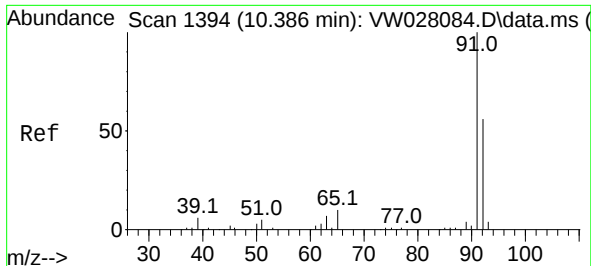
Tgt Ion: 75 Resp: 253162
Ion Ratio Lower Upper
75 100
77 32.3 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 95.224 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 43 Resp: 120947
Ion Ratio Lower Upper
43 100
58 46.5 37.8 56.8
100 23.9 18.2 27.4

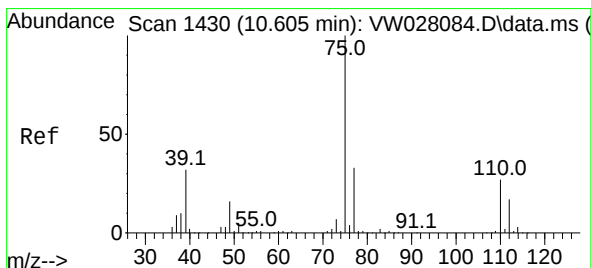
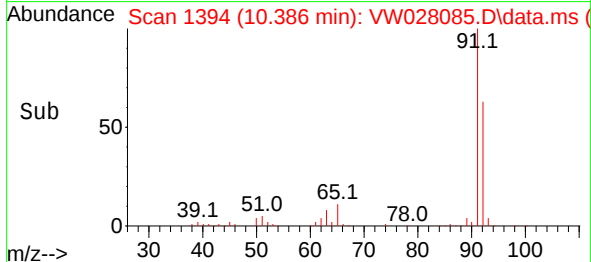
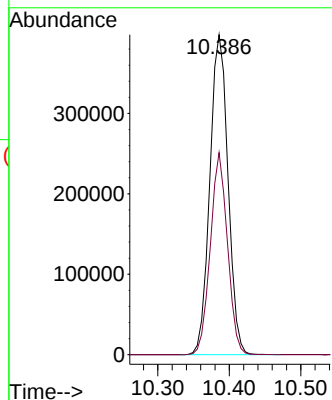
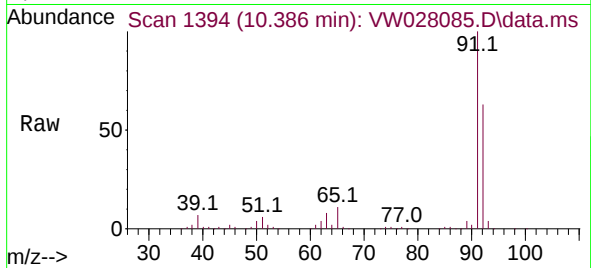




#42
Toluene
Concen: 45.176 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

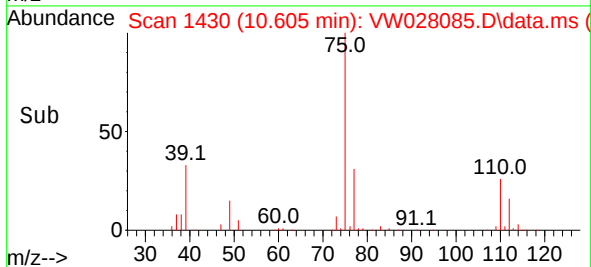
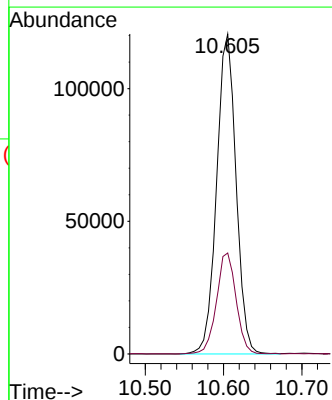
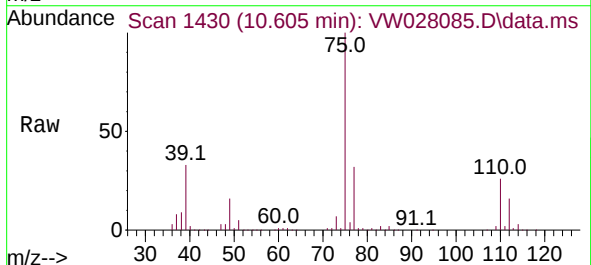
Instrument :
MSVOA_W
ClientSampleId :

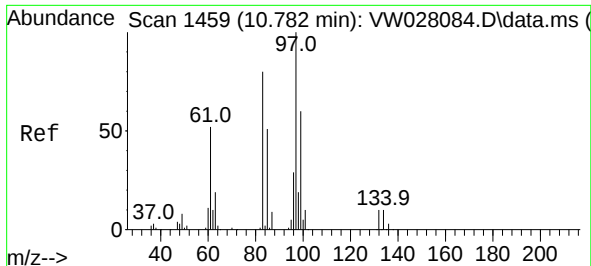
Tgt Ion: 91 Resp: 700957
Ion Ratio Lower Upper
91 100
92 63.1 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 48.609 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 75 Resp: 207659
Ion Ratio Lower Upper
75 100
77 31.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 44.749 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 120011

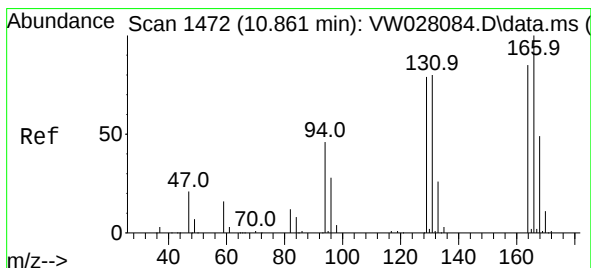
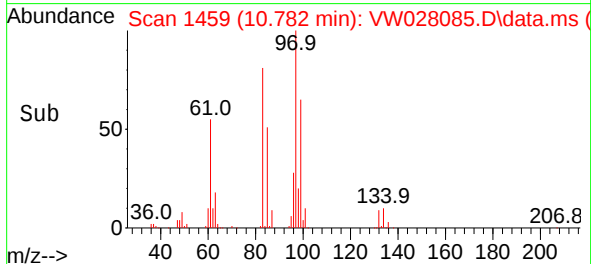
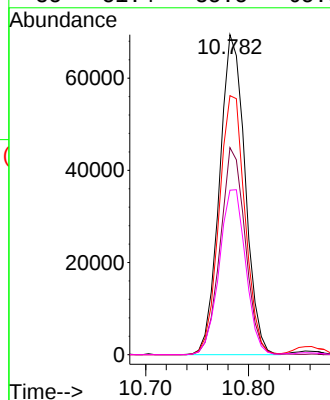
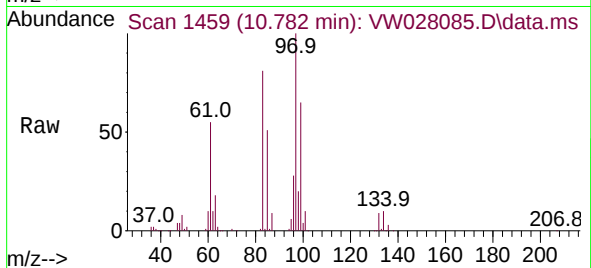
Ion Ratio Lower Upper

97 100

99 64.7 41.9 77.7

83 81.0 56.1 104.1

85 51.4 35.5 65.9



#46

Tetrachloroethene

Concen: 45.438 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Tgt Ion:164 Resp: 153222

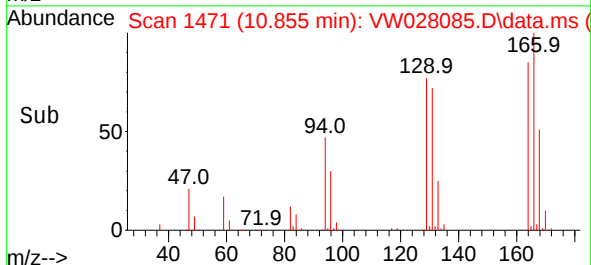
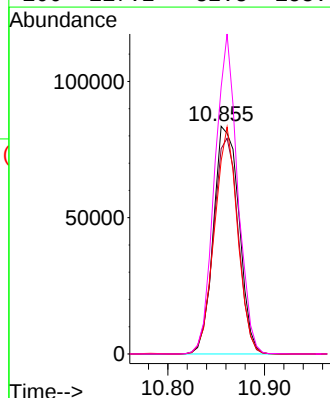
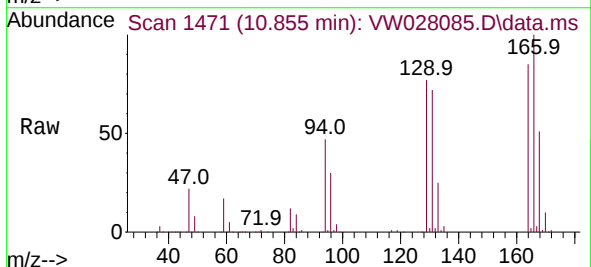
Ion Ratio Lower Upper

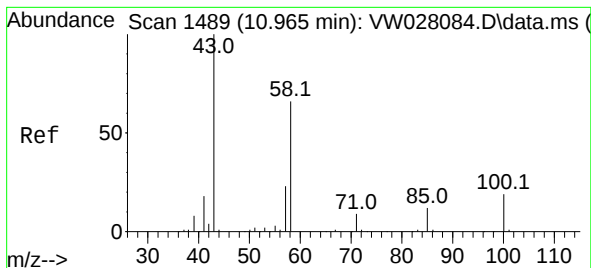
164 100

129 90.2 65.2 121.0

131 84.9 66.2 123.0

166 117.2 82.8 153.8





#48

2-Hexanone

Concen: 101.849 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

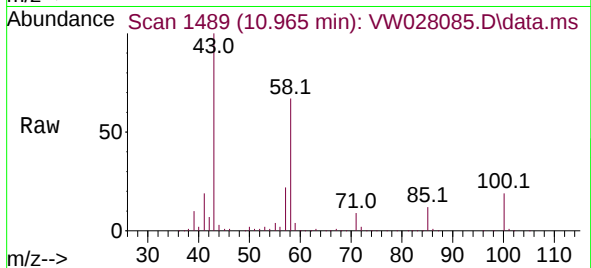
Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 104598

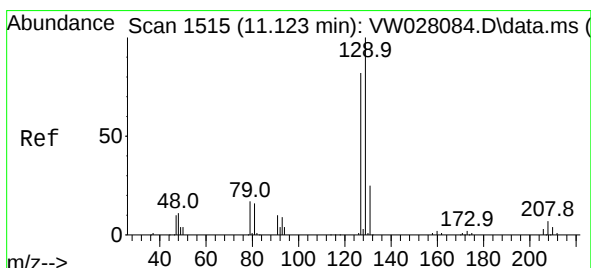
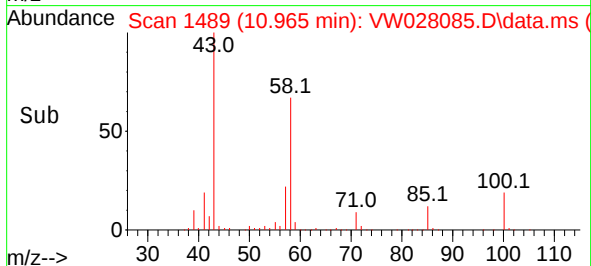
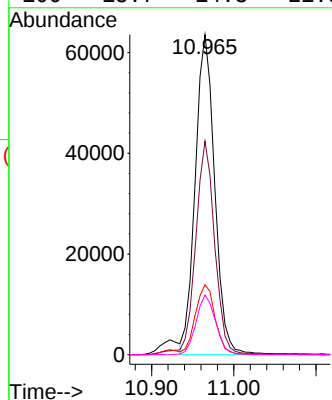
Ion Ratio Lower Upper

43 100

58 63.9 51.8 77.8

57 22.2 18.2 27.4

100 18.7 14.3 21.5



#49

Dibromochloromethane

Concen: 47.892 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028085.D

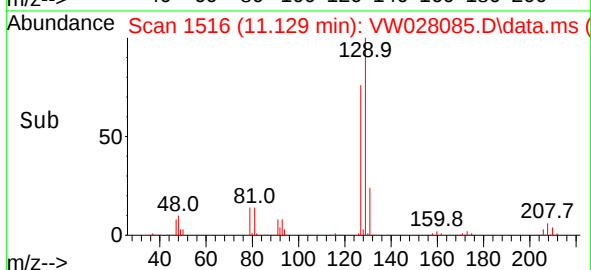
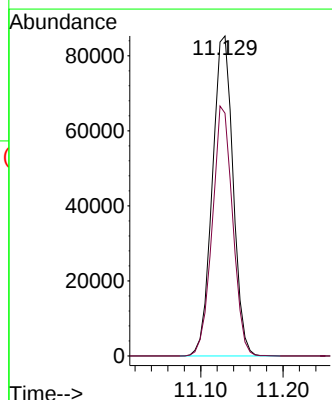
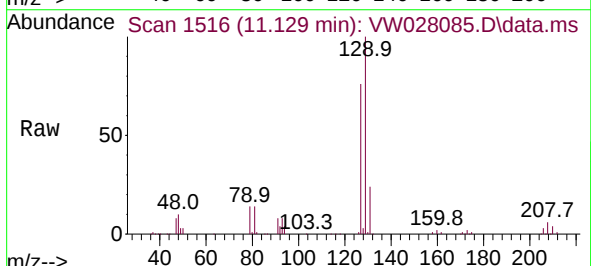
Acq: 29 Feb 2024 11:38

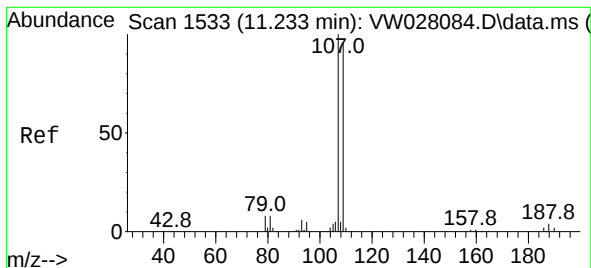
Tgt Ion:129 Resp: 149314

Ion Ratio Lower Upper

129 100

127 75.8 57.1 106.1

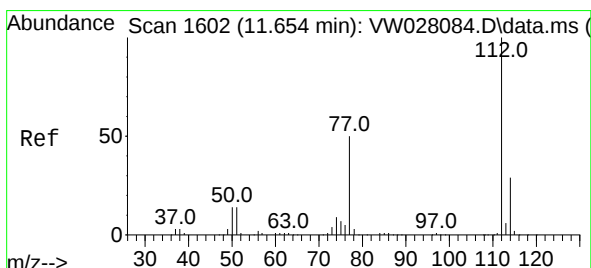
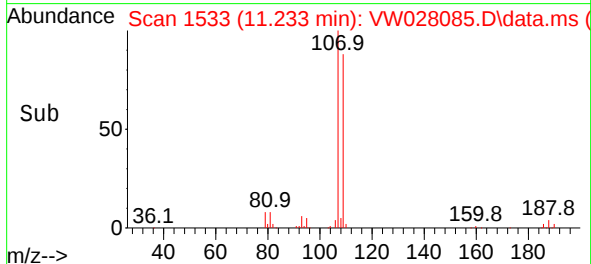
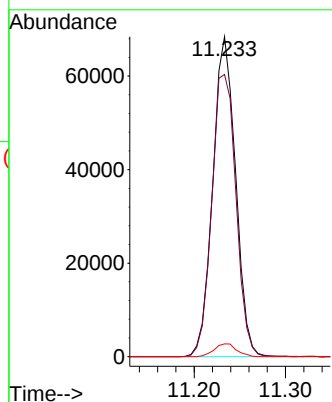
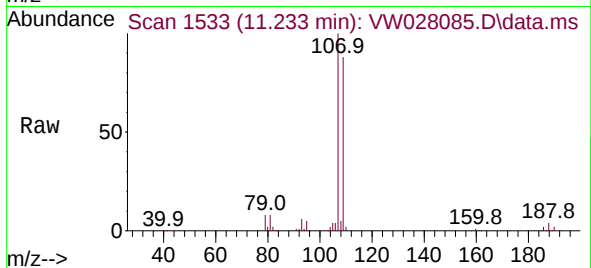




#50
1,2-Dibromoethane
Concen: 45.950 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

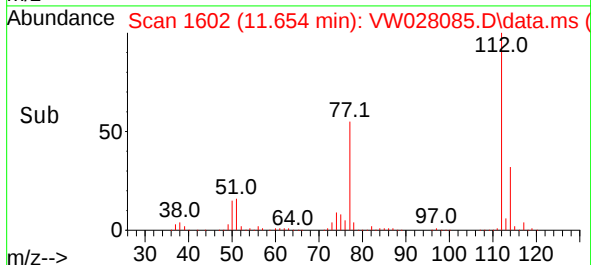
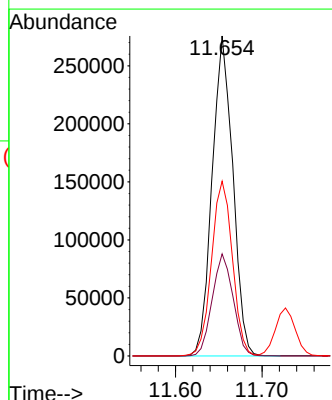
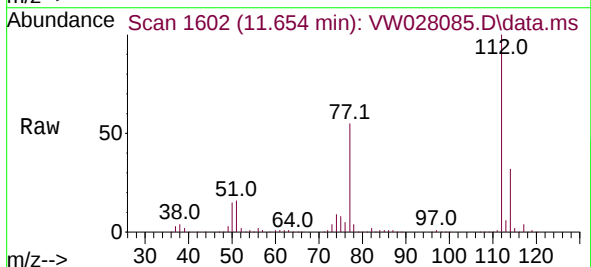
Instrument :
MSVOA_W
ClientSampleId :

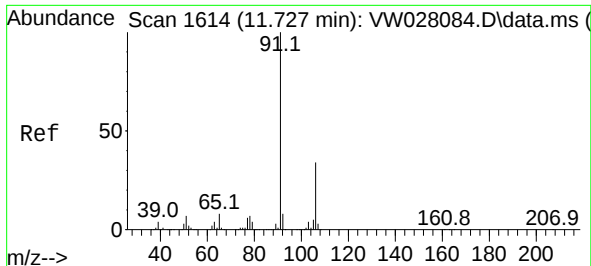
Tgt Ion:107 Resp: 118692
Ion Ratio Lower Upper
107 100
109 88.2 67.5 125.3
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 44.243 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion:112 Resp: 458053
Ion Ratio Lower Upper
112 100
114 31.9 20.6 38.4
77 54.6 40.0 60.0





#52

Ethylbenzene

Concen: 46.562 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

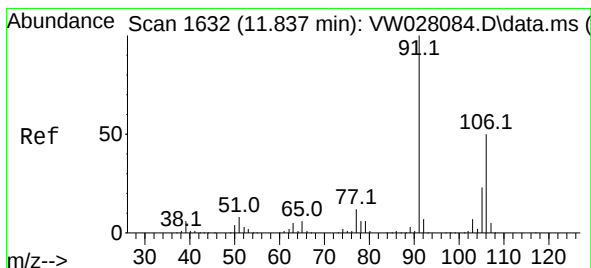
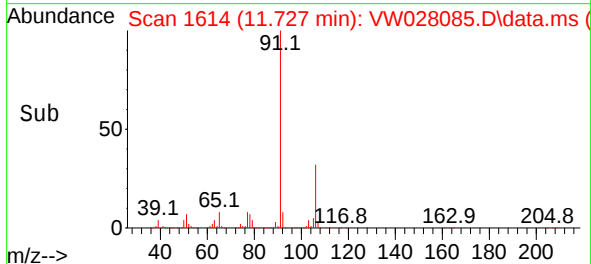
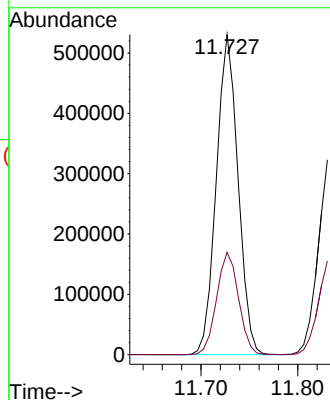
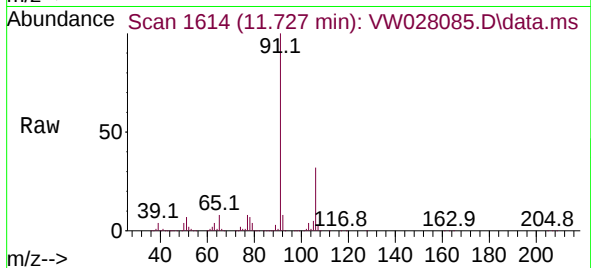
ClientSampleId :

Tgt Ion: 91 Resp: 825987

Ion Ratio Lower Upper

91 100

106 32.0 23.8 44.2



#53

m,p-Xylene

Concen: 46.102 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028085.D

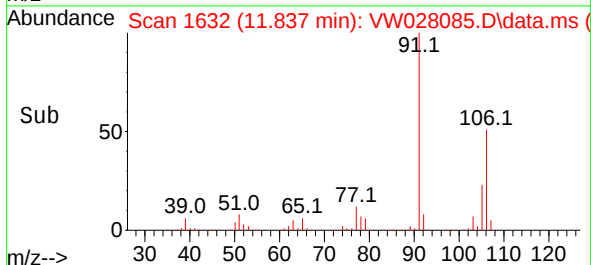
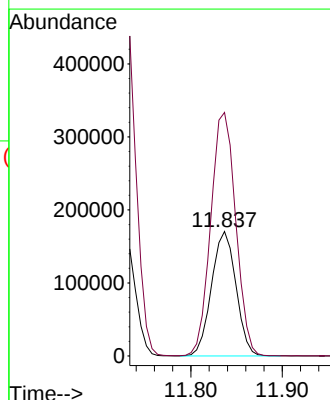
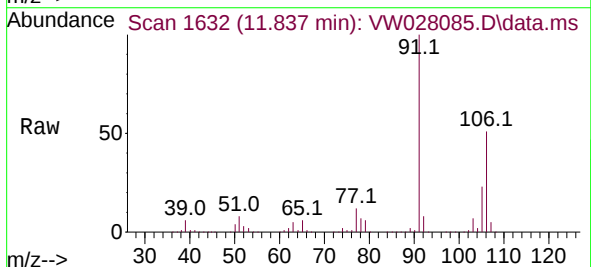
Acq: 29 Feb 2024 11:38

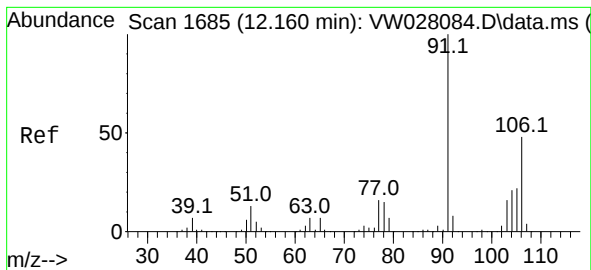
Tgt Ion:106 Resp: 317308

Ion Ratio Lower Upper

106 100

91 195.6 139.7 259.4





#54

o-Xylene

Concen: 47.262 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

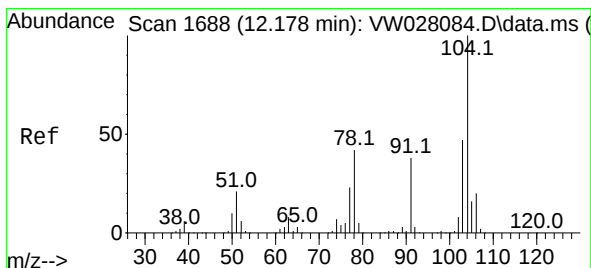
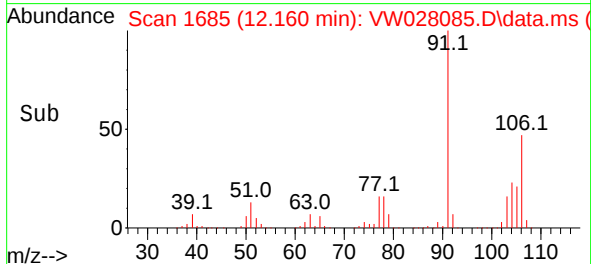
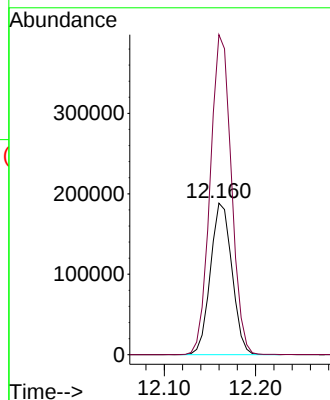
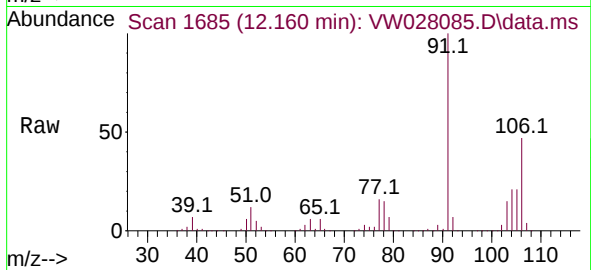
ClientSampleId :

Tgt Ion:106 Resp: 307859

Ion Ratio Lower Upper

106 100

91 211.2 145.2 269.6



#55

Styrene

Concen: 46.965 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028085.D

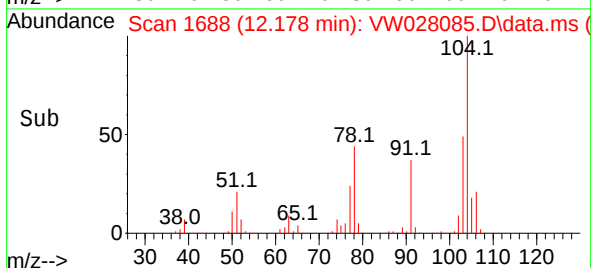
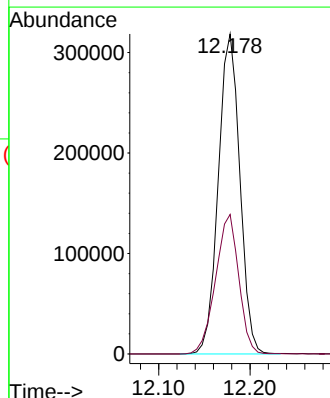
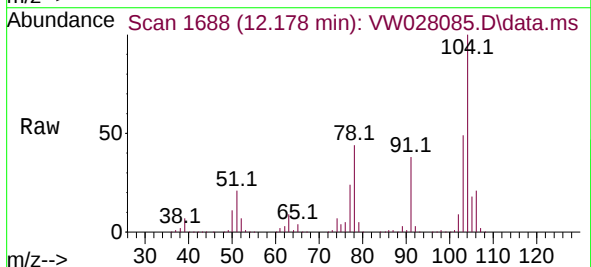
Acq: 29 Feb 2024 11:38

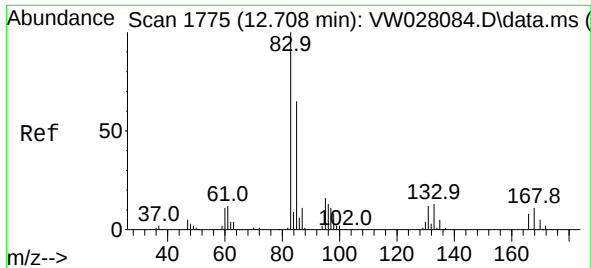
Tgt Ion:104 Resp: 521743

Ion Ratio Lower Upper

104 100

78 43.6 29.1 54.1

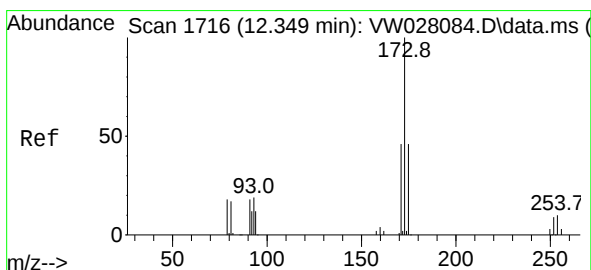
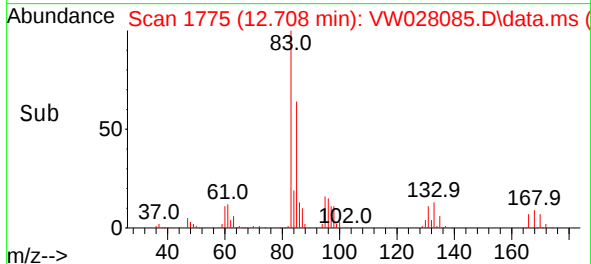
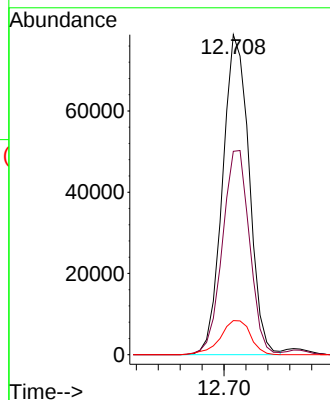
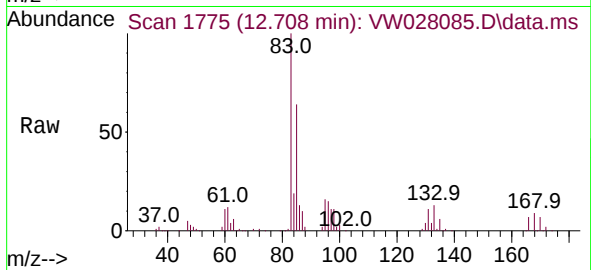




#57
1,1,2,2-Tetrachloroethane
Concen: 45.716 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

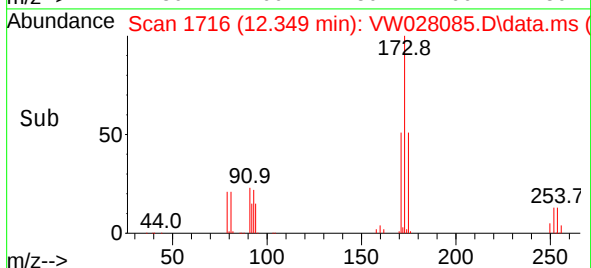
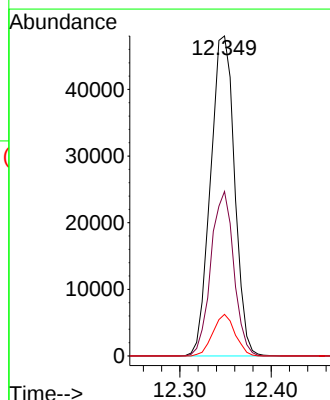
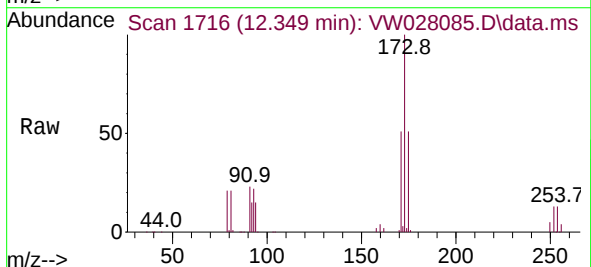
Instrument :
MSVOA_W
ClientSampleId :

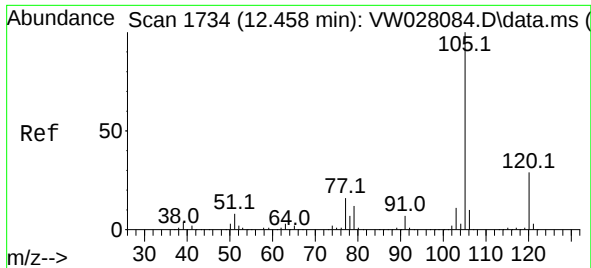
Tgt Ion: 83 Resp: 132201
Ion Ratio Lower Upper
83 100
85 63.6 45.7 84.9
131 10.6 9.7 14.5



#59
Bromoform
Concen: 48.226 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion:173 Resp: 87664
Ion Ratio Lower Upper
173 100
175 48.9 37.2 55.8
254 12.0 8.5 12.7





#60

Isopropylbenzene

Concen: 48.565 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

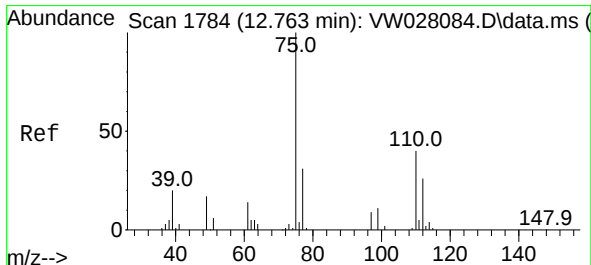
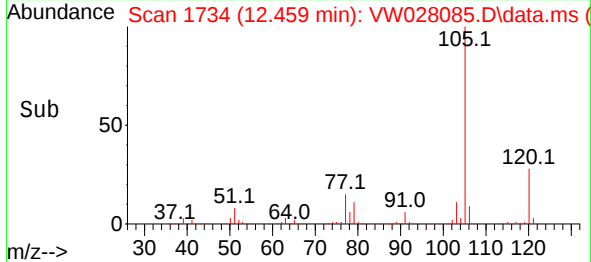
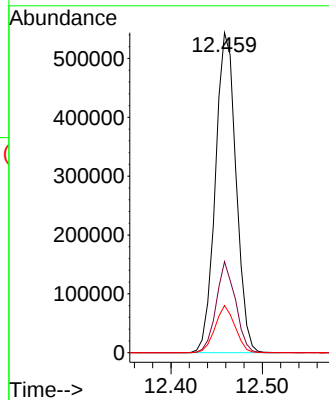
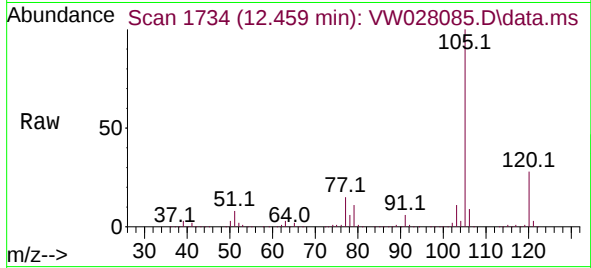
Tgt Ion:105 Resp: 854303

Ion Ratio Lower Upper

105 100

120 26.6 22.2 33.2

77 14.2 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 46.612 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

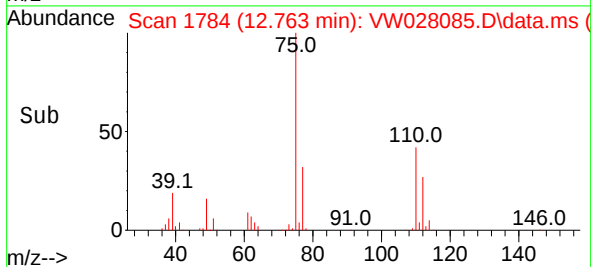
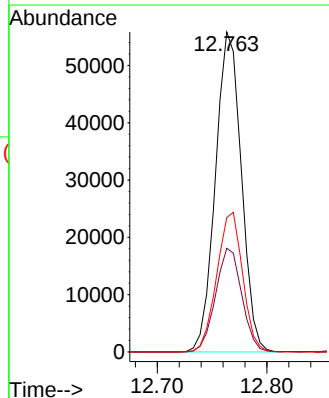
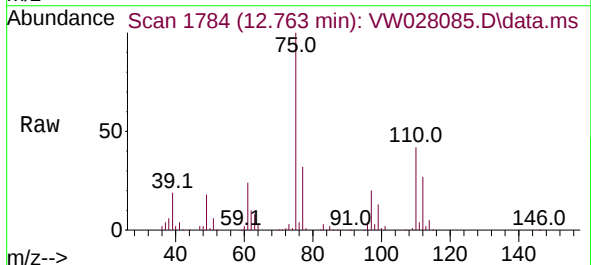
Tgt Ion: 75 Resp: 91877

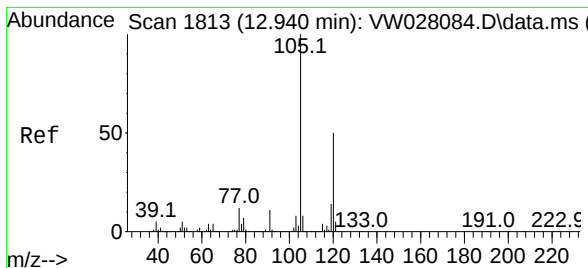
Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9

110 43.5 34.1 51.1

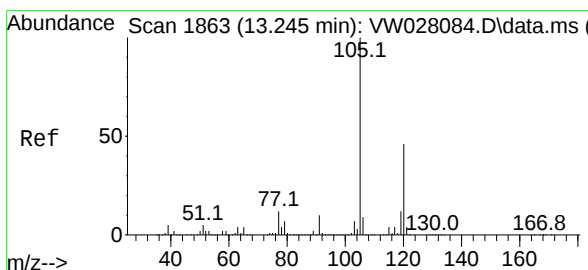
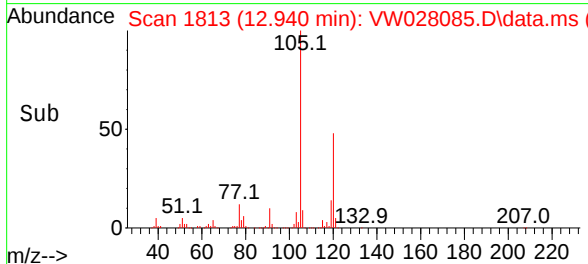
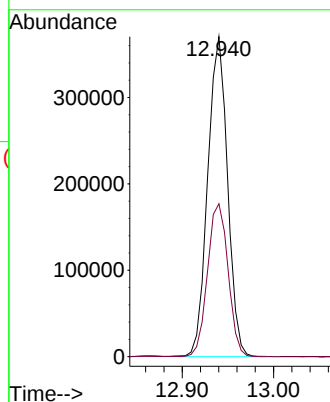
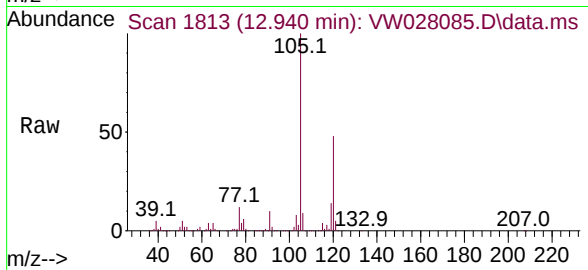




#62
1,3,5-Trimethylbenzene
Concen: 48.263 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

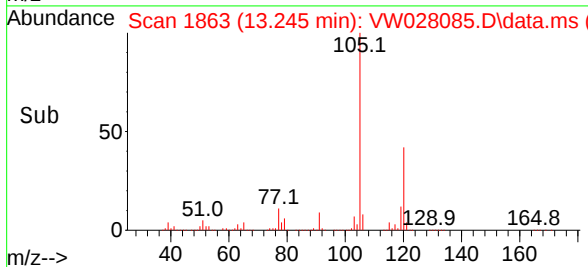
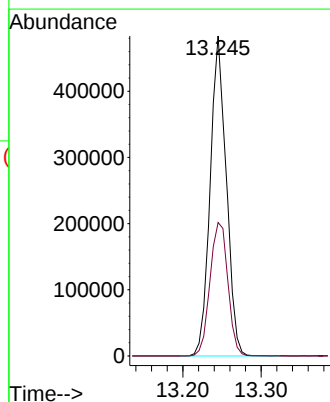
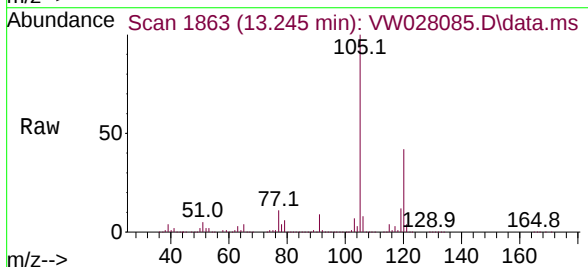
Instrument :
MSVOA_W
ClientSampleId :

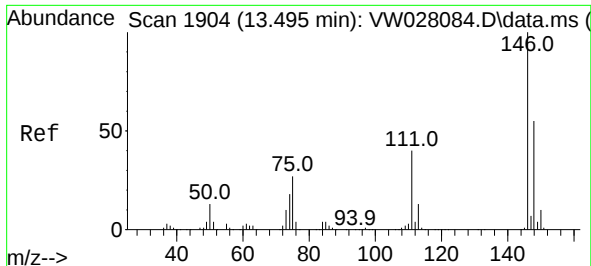
Tgt Ion:105 Resp: 556628
Ion Ratio Lower Upper
105 100
120 49.6 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 50.161 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion:105 Resp: 689891
Ion Ratio Lower Upper
105 100
120 46.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 44.862 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

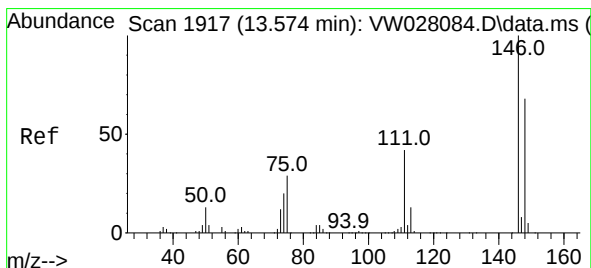
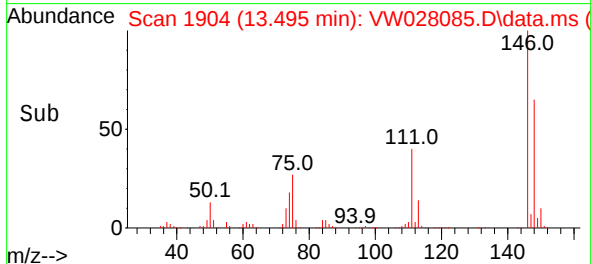
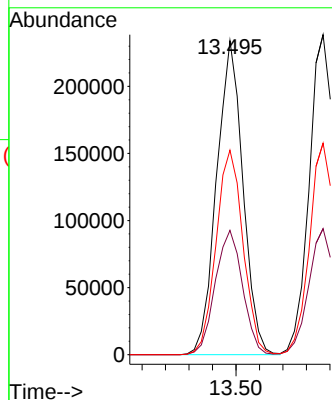
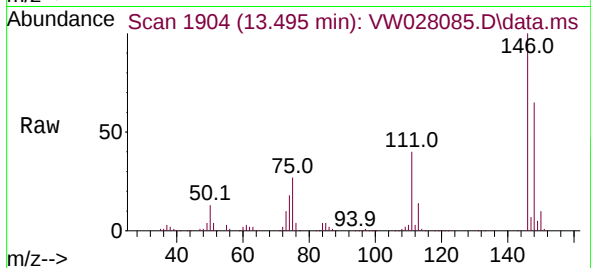
Tgt Ion:146 Resp: 364723

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.9

148 65.1 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 46.048 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

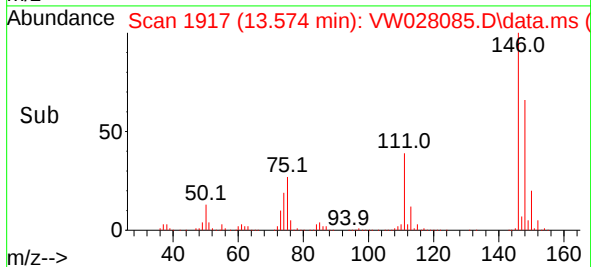
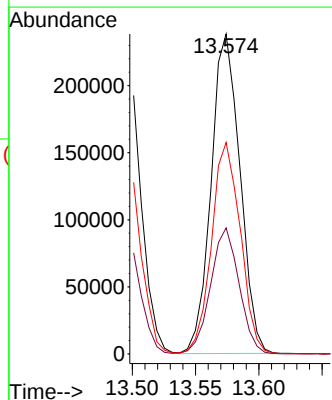
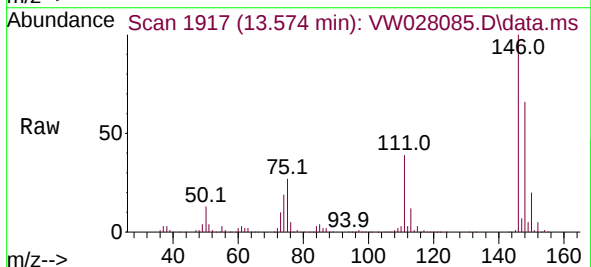
Tgt Ion:146 Resp: 377943

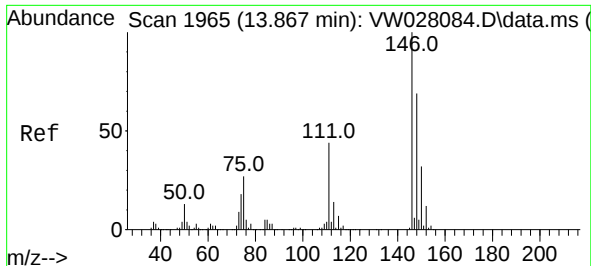
Ion Ratio Lower Upper

146 100

111 39.4 29.3 54.5

148 66.1 47.5 88.1

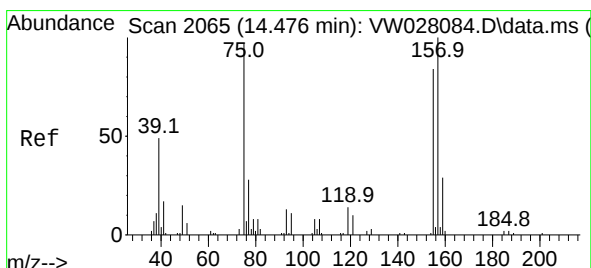
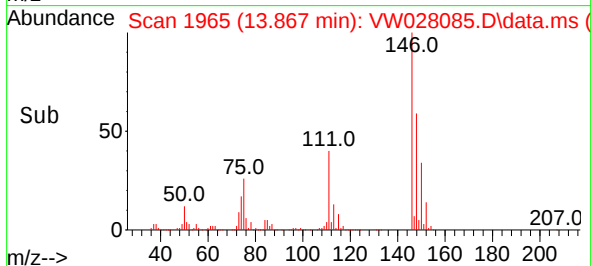
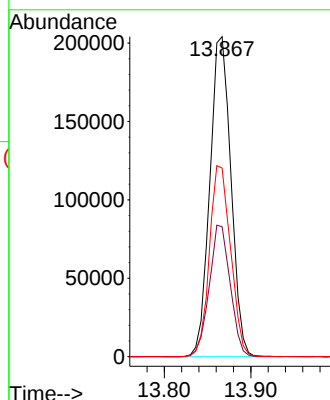
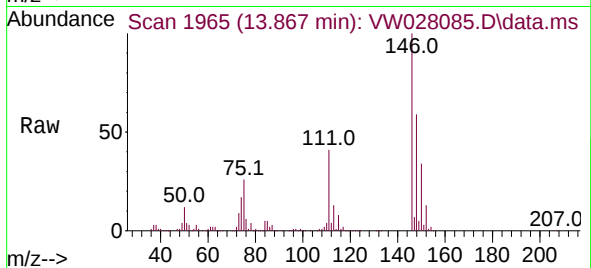




#67
1,2-Dichlorobenzene
Concen: 47.178 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

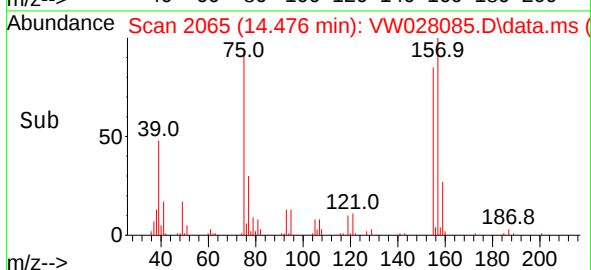
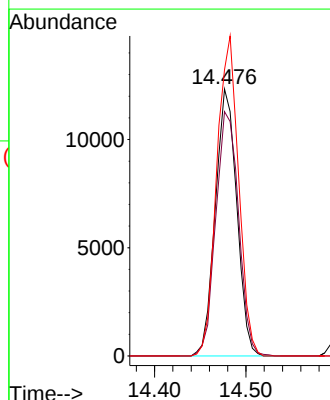
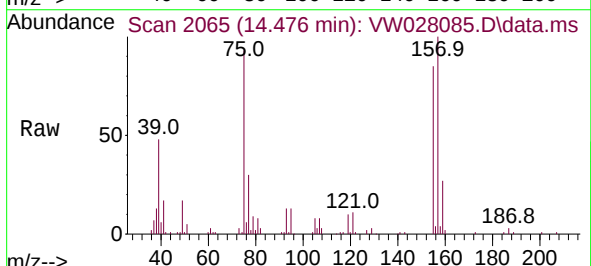
Instrument :
MSVOA_W
ClientSampleId :

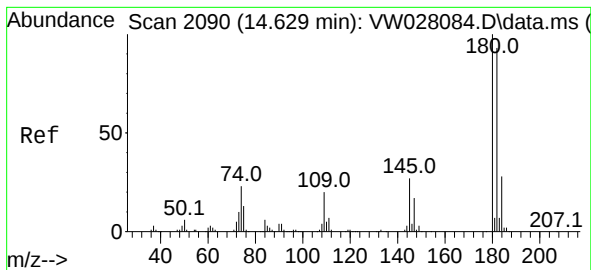
Tgt Ion:146 Resp: 345490
Ion Ratio Lower Upper
146 100
111 40.6 35.4 53.0
148 59.0 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 48.573 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028085.D
Acq: 29 Feb 2024 11:38

Tgt Ion: 75 Resp: 20109
Ion Ratio Lower Upper
75 100
155 91.6 69.3 103.9
157 107.2 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 46.955 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

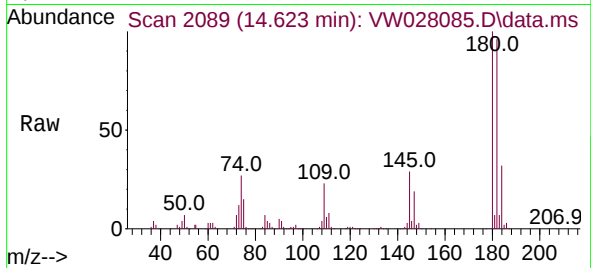
Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 281708

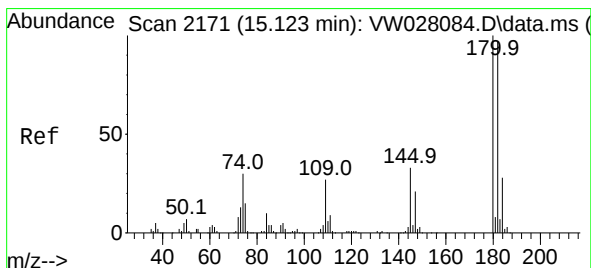
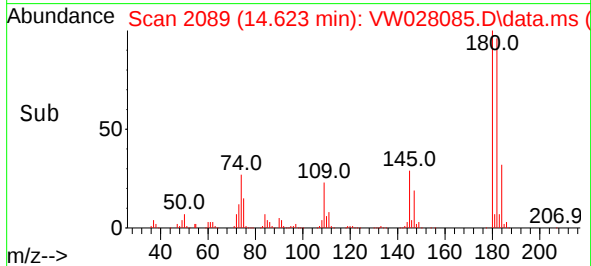
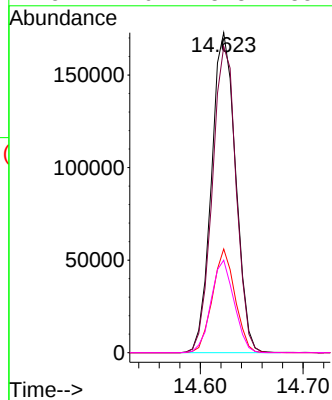
Ion Ratio Lower Upper

180 100

182 94.4 78.2 117.4

184 30.3 25.4 38.2

145 27.6 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 47.656 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028085.D

Acq: 29 Feb 2024 11:38

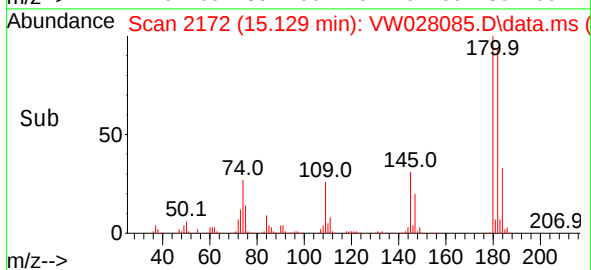
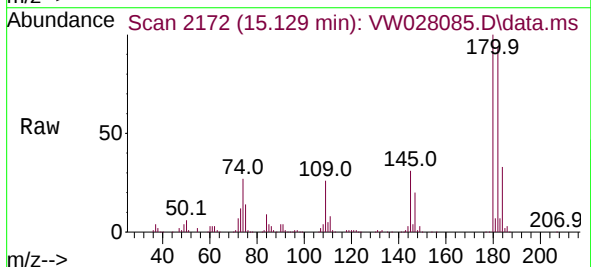
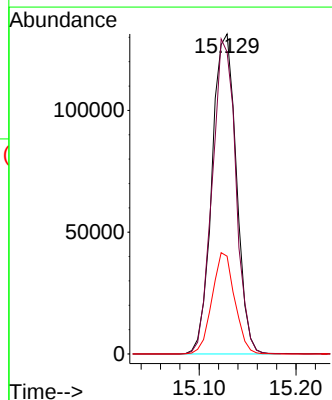
Tgt Ion:180 Resp: 229611

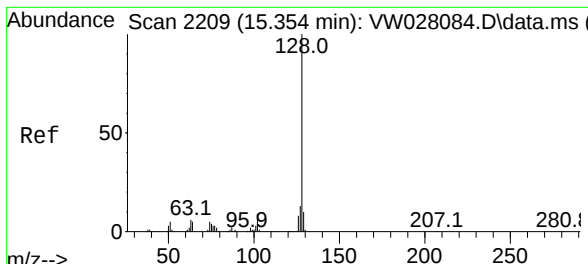
Ion Ratio Lower Upper

180 100

182 95.4 80.1 120.1

145 29.5 24.3 36.5



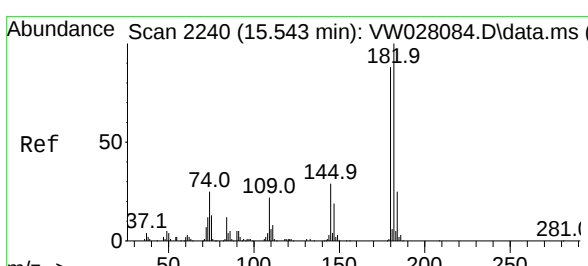
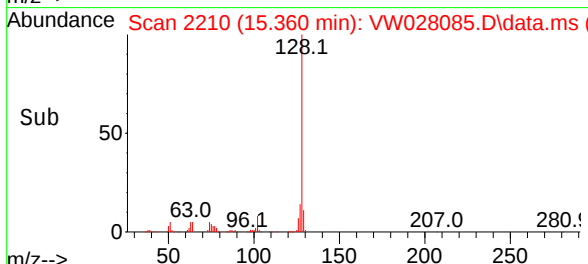
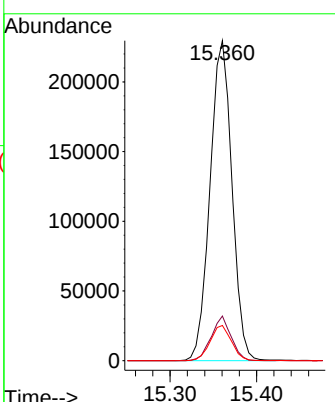
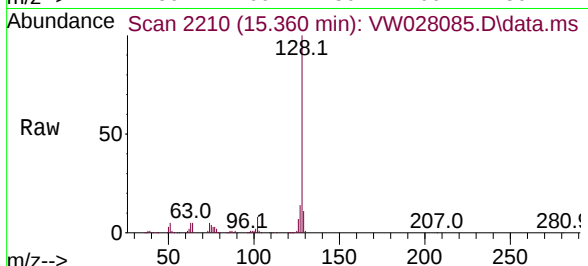


#71
 Naphthalene
 Concen: 51.246 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VW028085.D
 Acq: 29 Feb 2024 11:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 403822

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.7	8.6	13.0



#72
 1,2,3-Trichlorobenzene
 Concen: 47.057 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW028085.D
 Acq: 29 Feb 2024 11:38

Tgt Ion:180 Resp: 189597

Ion	Ratio	Lower	Upper
180	100		
182	96.0	81.4	122.2
145	32.0	26.2	39.2

