

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029956.D
 Acq On : 20 Aug 2024 13:45
 Operator : SY/MD
 Sample : P3626-11MSD
 Misc : 4.94g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 00:45:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	365045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	336023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75211	14.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.040%		
7) Chloroethane-d5	2.905	69	70157	18.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.840%		
11) 1,1-Dichloroethene-d2	4.027	65	34833	14.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.880%		
21) 2-Butanone-d5	7.075	46	45637	32.129	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.260%		
24) Chloroform-d	7.648	84	198467	21.002	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	8.307	65	105540	19.608	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.440%		
32) Benzene-d6	8.276	84	348440	19.192	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.760%		
36) 1,2-Dichloropropane-d6	9.270	67	110856	19.122	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.480%		
41) Toluene-d8	10.325	98	320787	19.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.480%		
43) trans-1,3-Dichloroprop...	10.575	79	46499	19.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.280%		
47) 2-Hexanone-d5	10.922	63	37249	38.966	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89954	20.897	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	97378	20.418	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50825	10.329	ug/L	93
3) Chloromethane	2.222	50	62024	10.187	ug/L	99
5) Vinyl chloride	2.375	62	79383	11.635	ug/L	99
6) Bromomethane	2.789	94	56658	15.124	ug/L	98
8) Chloroethane	2.942	64	52998	13.655	ug/L	96
9) Trichlorofluoromethane	3.271	101	71986	13.210	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	66164	12.190	ug/L	96
12) 1,1-Dichloroethene	4.045	96	62230	12.478	ug/L	86
13) Acetone	4.118	43	62967	35.671	ug/L	95
14) Carbon disulfide	4.399	76	170851	10.295	ug/L	99
16) Methylene chloride	4.917	84	81730	10.710	ug/L	86
17) trans-1,2-Dichloroethene	5.435	96	71865	13.373	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	125593	14.180	ug/L	99
19) 1,1-Dichloroethane	6.216	63	150319	13.262	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86593	14.855	ug/L	93
22) 2-Butanone	7.173	43	40336	17.834	ug/L	85
23) Bromochloromethane	7.520	128	37122	15.000	ug/L #	78
25) Chloroform	7.679	83	166827	15.622	ug/L	99
27) 1,2-Dichloroethane	8.398	62	108952	14.000	ug/L	98

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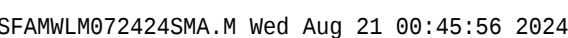
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 ClientSampleId :

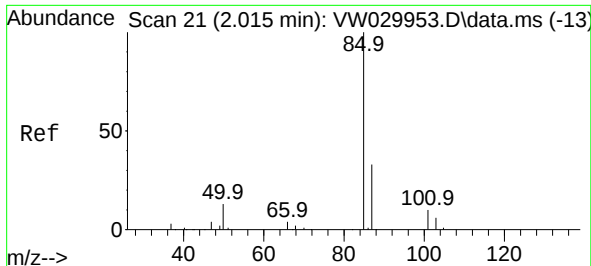
Quant Time: Aug 21 00:45:48 2024
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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	89122	9.333	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	123918	14.563	ug/L	97
31) Carbon tetrachloride	8.075	117	107391	14.006	ug/L	99
33) Benzene	8.325	78	323831	14.065	ug/L	100
34) Trichloroethene	9.093	95	85338	14.139	ug/L	93
35) Methylcyclohexane	9.337	83	108585	10.797	ug/L	94
37) 1,2-Dichloropropane	9.367	63	87573	13.880	ug/L	98
38) Bromodichloromethane	9.642	83	117865	15.688	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	133196	14.496	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	96747	24.141	ug/L #	93
42) Toluene	10.386	91	355989	15.148	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	113005	14.815	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	64708	15.266	ug/L	95
46) Tetrachloroethene	10.861	164	57309	13.064	ug/L	90
48) 2-Hexanone	10.965	43	68301	22.756	ug/L #	92
49) Dibromochloromethane	11.123	129	70745	16.078	ug/L	97
50) 1,2-Dibromoethane	11.233	107	58477	14.911	ug/L	87
51) Chlorobenzene	11.654	112	219703	15.030	ug/L	93
52) Ethylbenzene	11.727	91	391831	14.781	ug/L	99
53) m,p-Xylene	11.830	106	140104	14.371	ug/L	95
54) o-Xylene	12.166	106	137953	15.366	ug/L	97
55) Styrene	12.178	104	235309	15.121	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	78105	15.013	ug/L	95
59) Bromoform	12.349	173	38290	16.567	ug/L	98
60) Isopropylbenzene	12.458	105	371816	15.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55559	14.873	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	296553	16.786	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	286714	15.175	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	150328	14.824	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	155609	14.939	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	143115	15.502	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11802	13.914	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	89626	12.918	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	67172	11.492	ug/L	95
71) Naphthalene	15.360	128	129679	11.627	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	60252	11.389	ug/L	98

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

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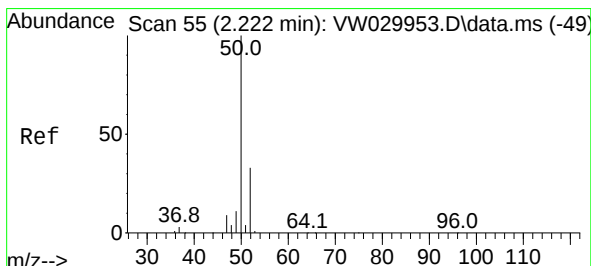
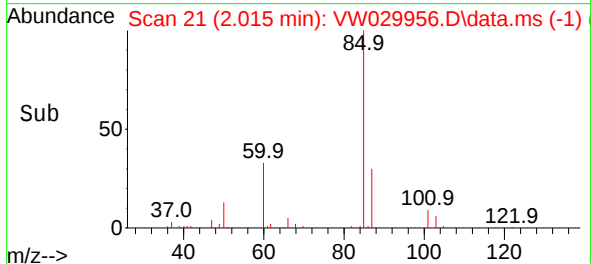
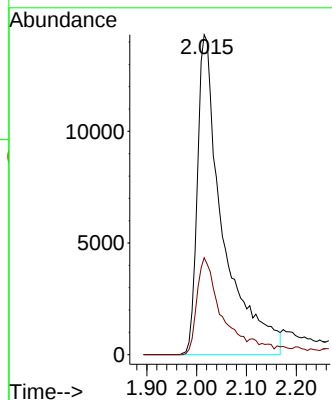
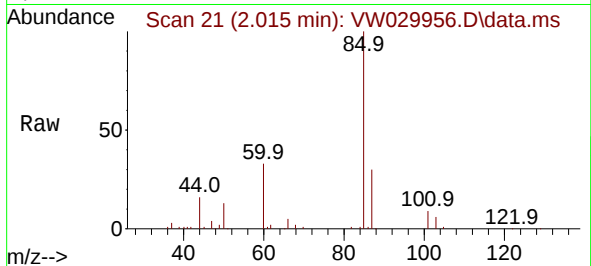




#2
 Dichlorodifluoromethane
 Concen: 10.329 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029956.D
 Acq: 20 Aug 2024 13:45

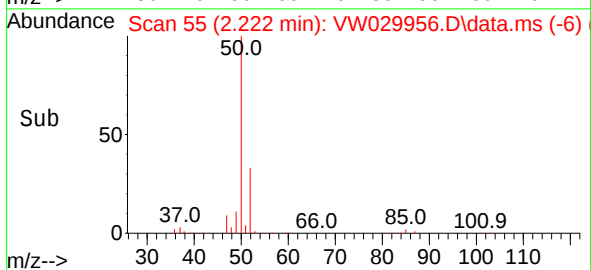
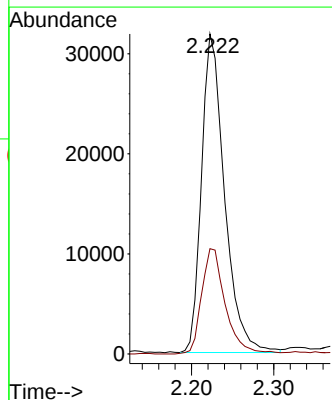
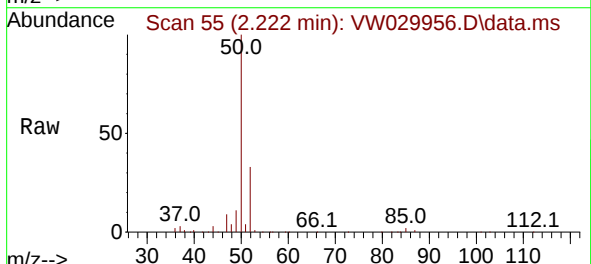
Instrument :
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 ClientSampleId :

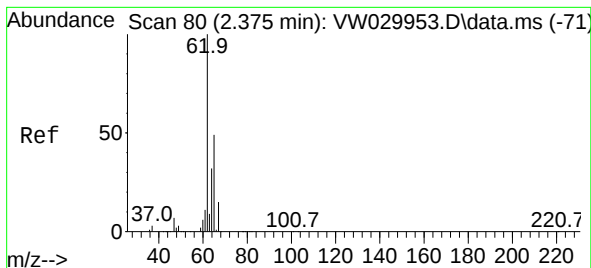
Tgt Ion: 85 Resp: 50825
 Ion Ratio Lower Upper
 85 100
 87 28.0 25.5 38.3



#3
 Chloromethane
 Concen: 10.187 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029956.D
 Acq: 20 Aug 2024 13:45

Tgt Ion: 50 Resp: 62024
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9





#5

Vinyl chloride

Concen: 11.635 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

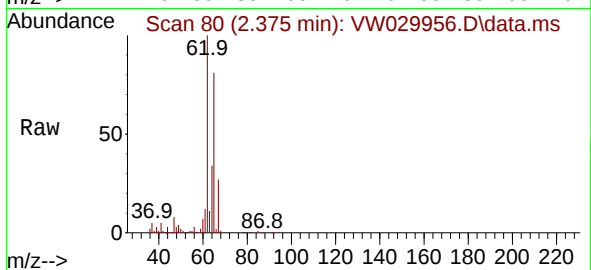
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Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

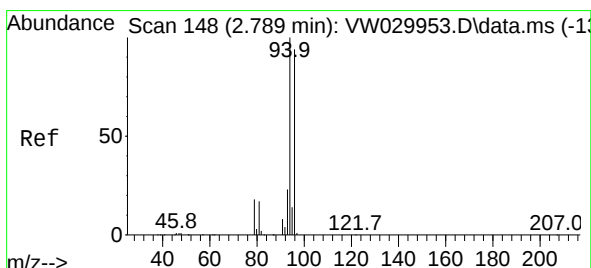
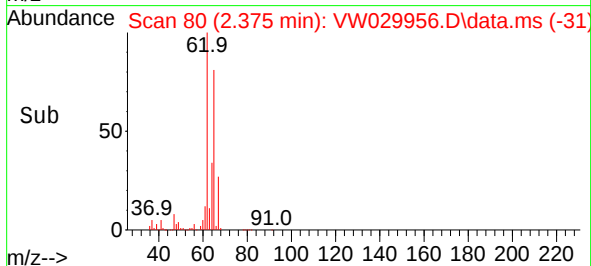
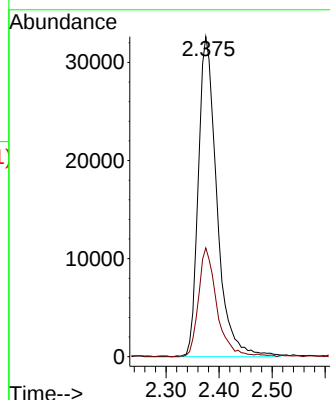


Tgt Ion: 62 Resp: 79383

Ion Ratio Lower Upper

62 100

64 34.0 23.2 43.2



#6

Bromomethane

Concen: 15.124 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029956.D

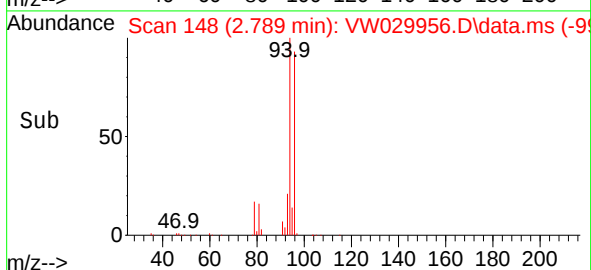
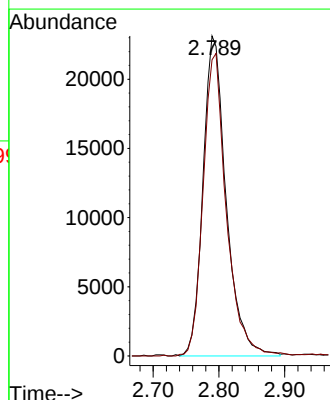
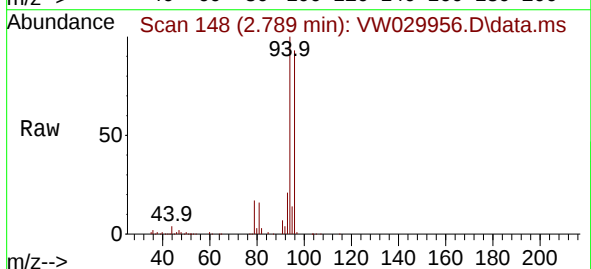
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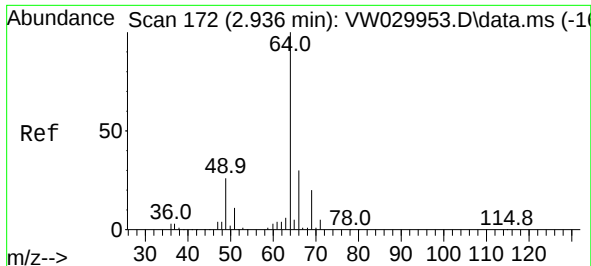
Tgt Ion: 94 Resp: 56658

Ion Ratio Lower Upper

94 100

96 92.6 66.2 123.0

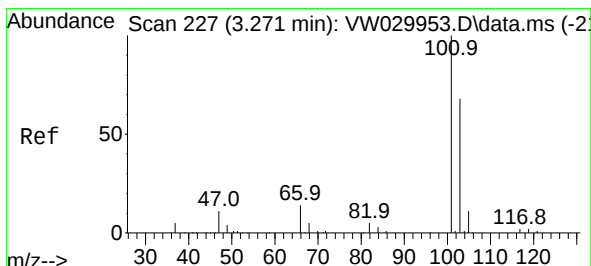
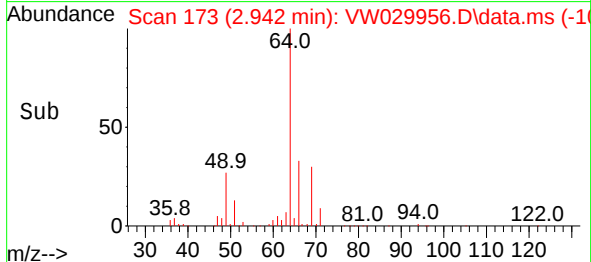
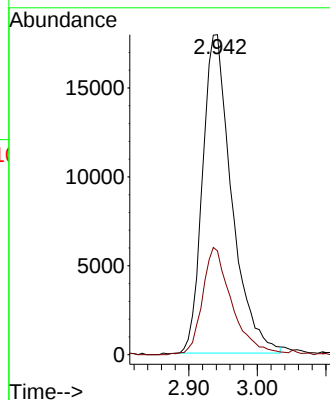
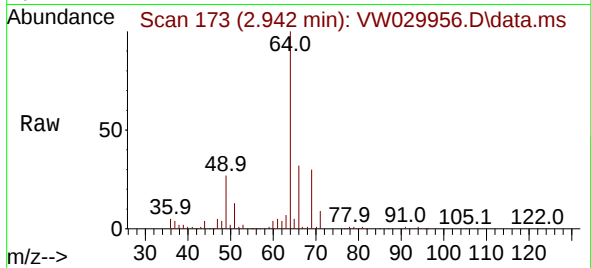




#8
Chloroethane
Concen: 13.655 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

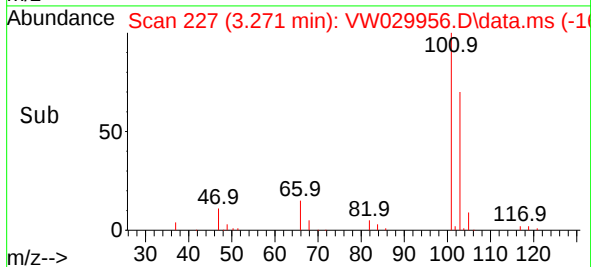
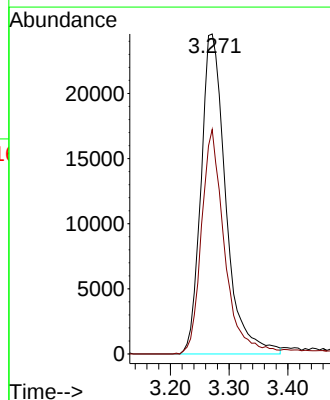
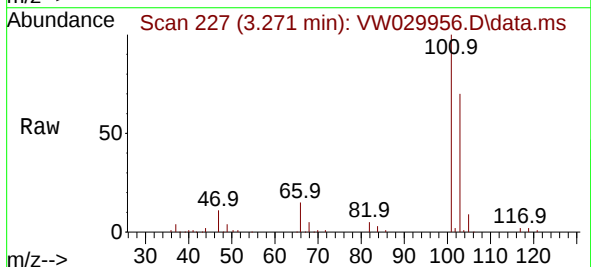
Instrument :
MSVOA_W
ClientSampleId :

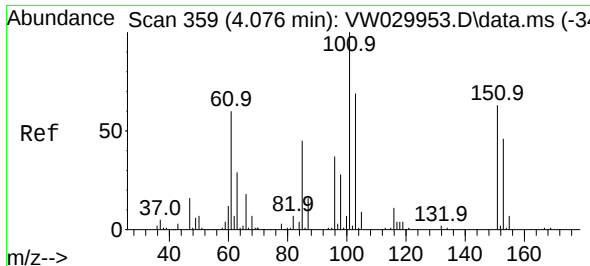
Tgt Ion: 64 Resp: 52998
Ion Ratio Lower Upper
64 100
66 32.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 13.210 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion:101 Resp: 71986
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4





#10

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

Concen: 12.190 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

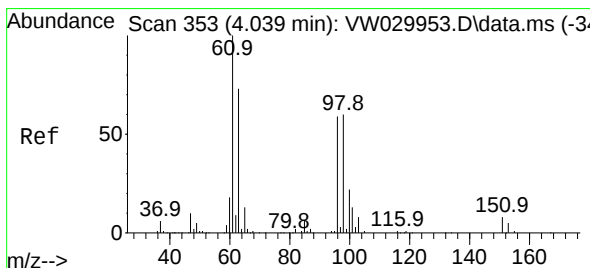
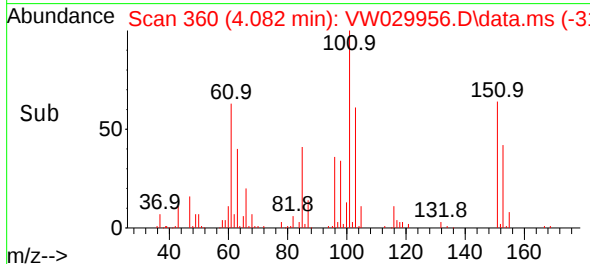
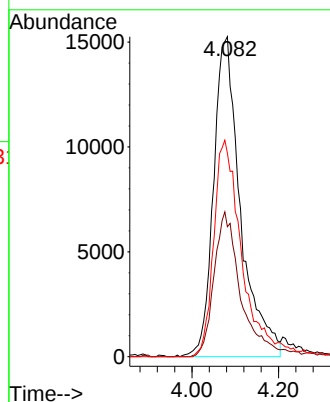
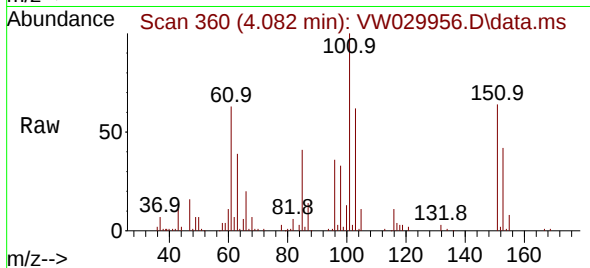
Tgt Ion:101 Resp: 66164

Ion Ratio Lower Upper

101 100

85 44.4 34.2 51.4

151 63.1 54.2 81.2



#12

1,1-Dichloroethene

Concen: 12.478 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

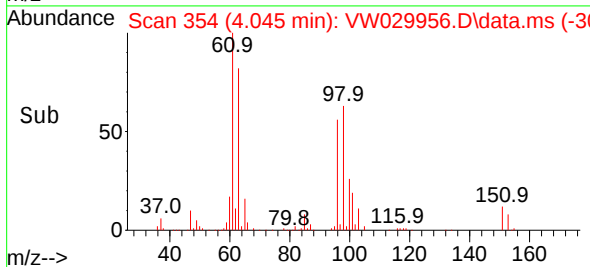
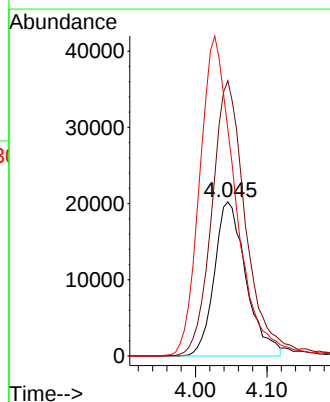
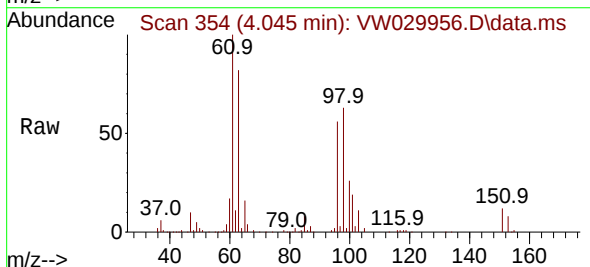
Tgt Ion: 96 Resp: 62230

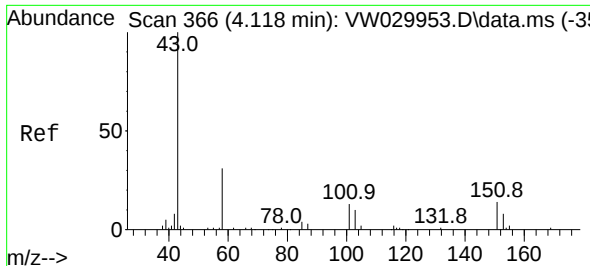
Ion Ratio Lower Upper

96 100

61 178.6 138.3 256.9

63 147.1 89.0 165.4





#13

Acetone

Concen: 35.671 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

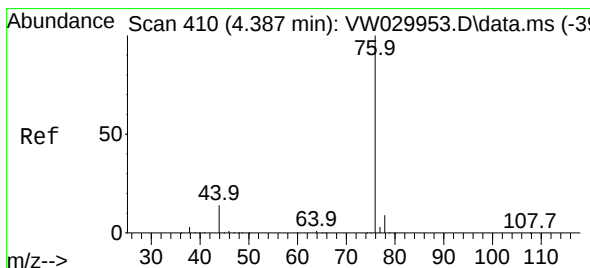
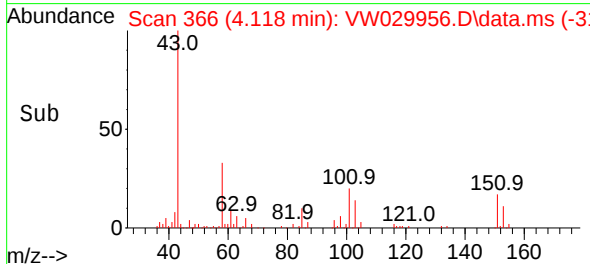
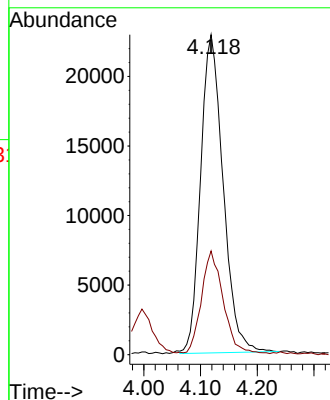
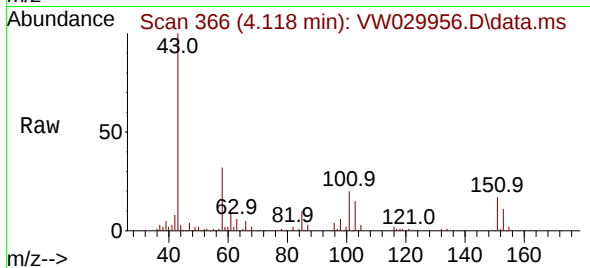
ClientSampleId :

Tgt Ion: 43 Resp: 62967

Ion Ratio Lower Upper

43 100

58 31.7 0.0 57.6



#14

Carbon disulfide

Concen: 10.295 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.012 min

Lab File: VW029956.D

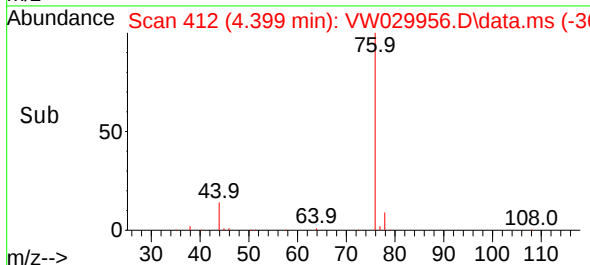
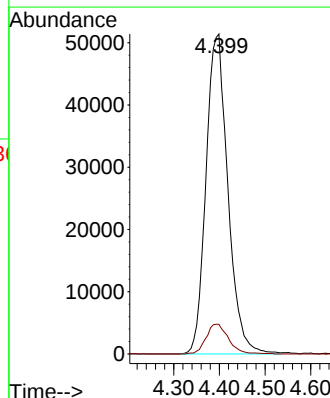
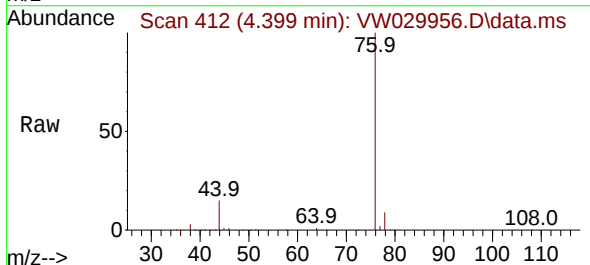
Acq: 20 Aug 2024 13:45

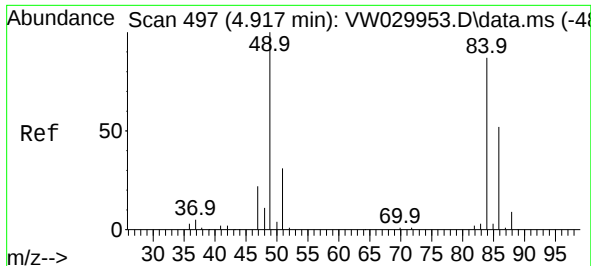
Tgt Ion: 76 Resp: 170851

Ion Ratio Lower Upper

76 100

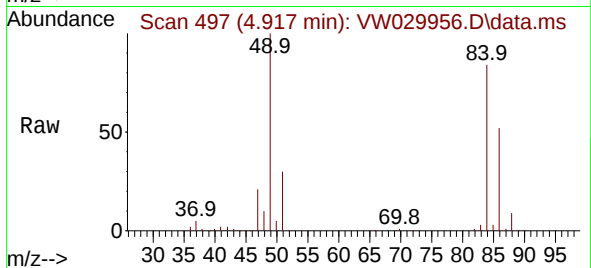
78 9.3 7.6 11.4



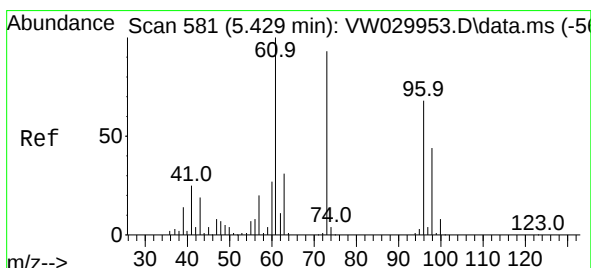
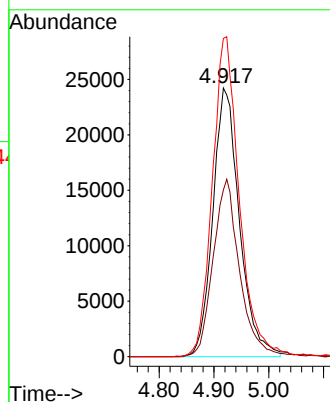
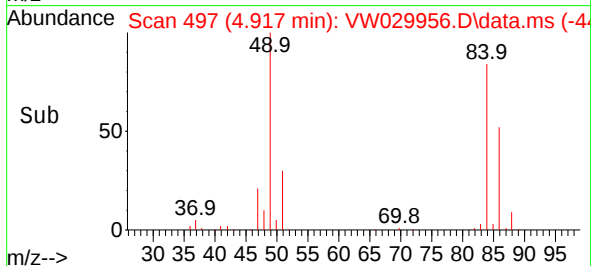


#16
Methylene chloride
Concen: 10.710 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

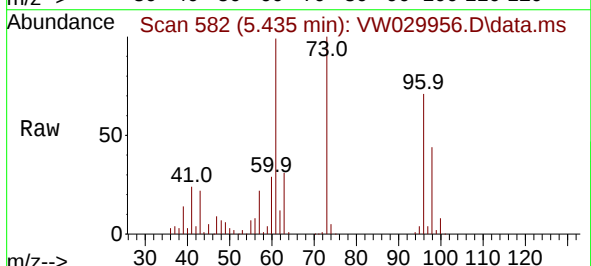
Instrument :
MSVOA_W
ClientSampleId :



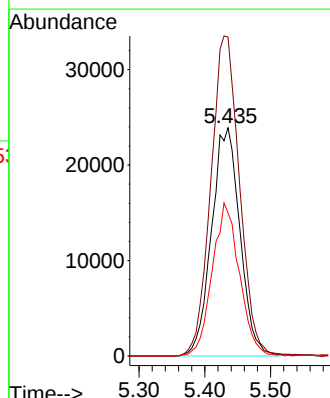
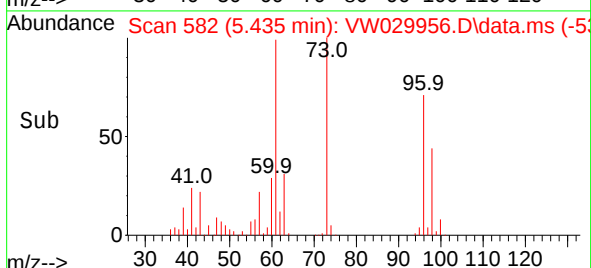
Tgt Ion: 84 Resp: 81730
Ion Ratio Lower Upper
84 100
86 62.1 44.7 82.9
49 118.5 99.0 184.0

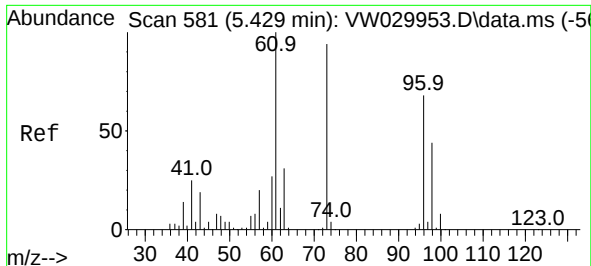


#17
trans-1,2-Dichloroethene
Concen: 13.373 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45



Tgt Ion: 96 Resp: 71865
Ion Ratio Lower Upper
96 100
61 139.7 111.2 206.6
98 62.6 45.0 83.6





#18

Methyl tert-butyl Ether

Concen: 14.180 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

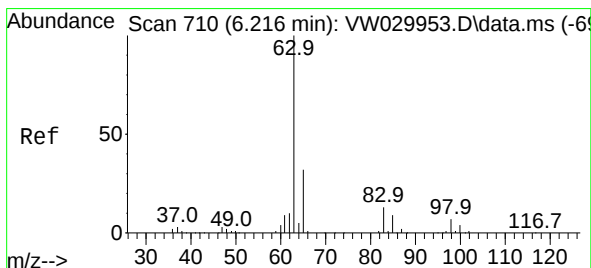
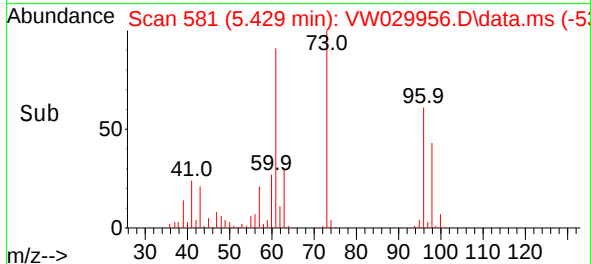
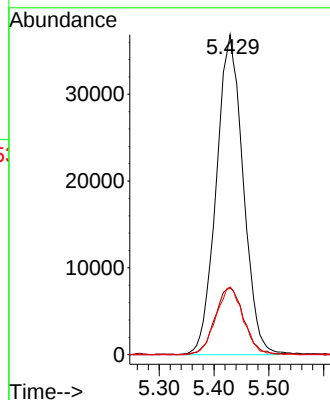
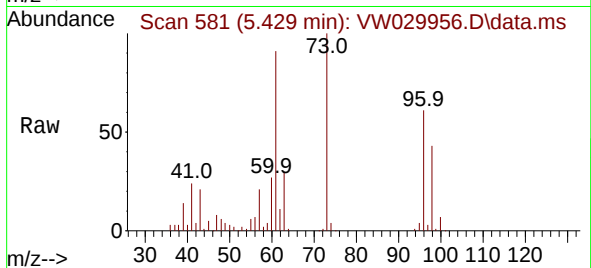
Tgt Ion: 73 Resp: 125593

Ion Ratio Lower Upper

73 100

43 22.4 18.3 27.5

57 21.6 17.9 26.9



#19

1,1-Dichloroethane

Concen: 13.262 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

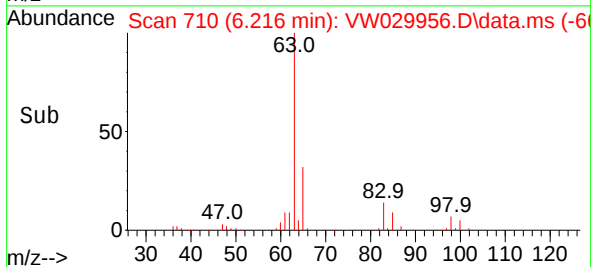
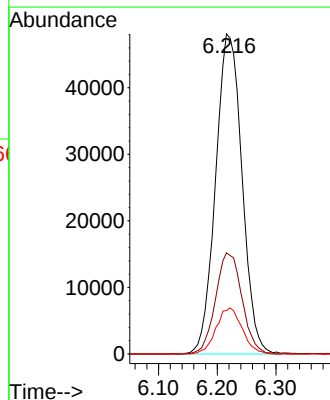
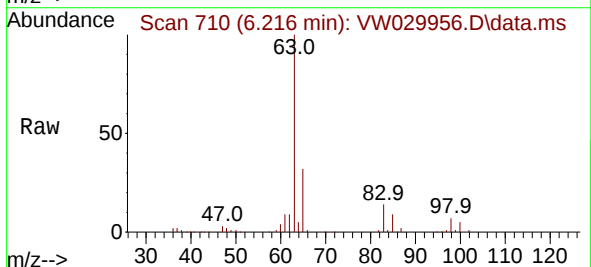
Tgt Ion: 63 Resp: 150319

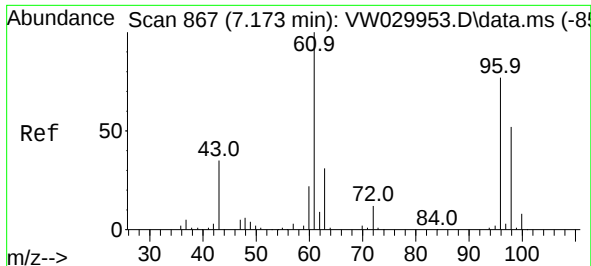
Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.6 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 14.855 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

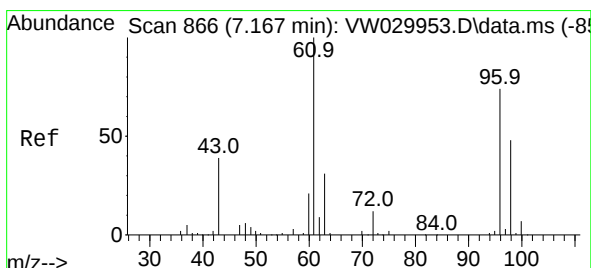
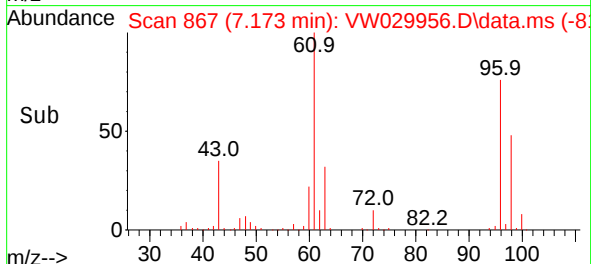
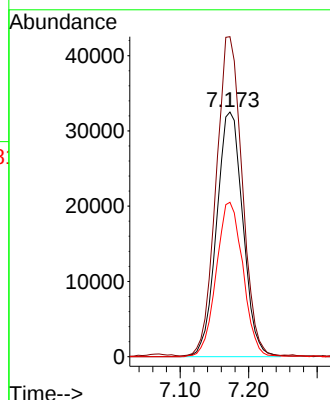
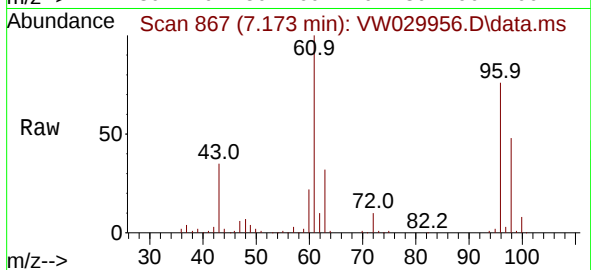
Tgt Ion: 96 Resp: 86593

Ion Ratio Lower Upper

96 100

61 130.8 98.2 182.4

98 63.1 41.9 77.9



#22

2-Butanone

Concen: 17.834 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029956.D

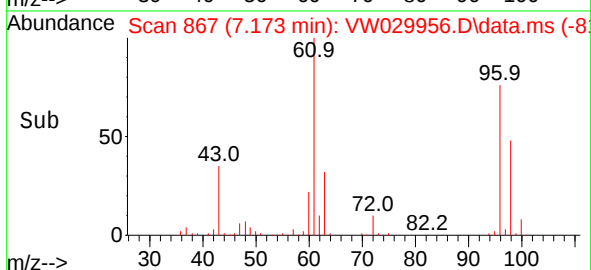
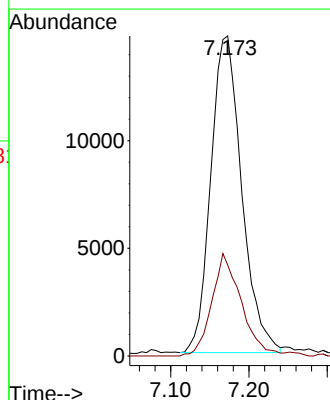
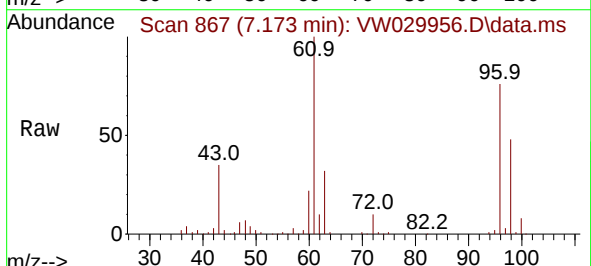
Acq: 20 Aug 2024 13:45

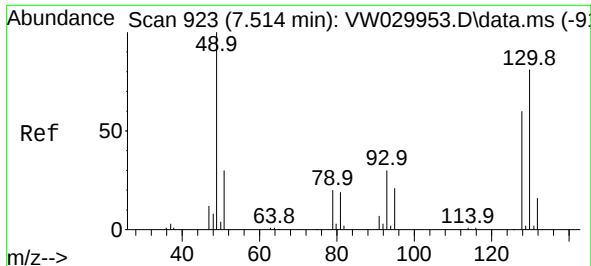
Tgt Ion: 43 Resp: 40336

Ion Ratio Lower Upper

43 100

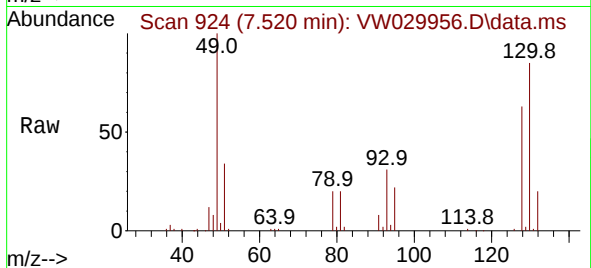
72 30.7 11.7 35.1



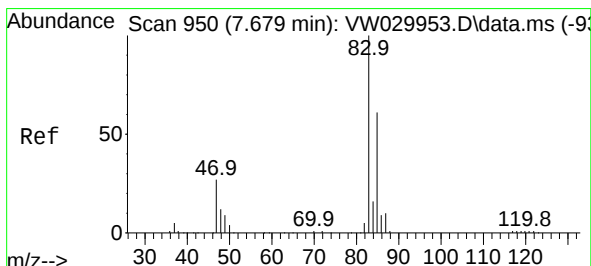
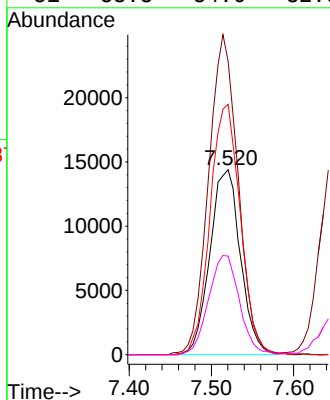
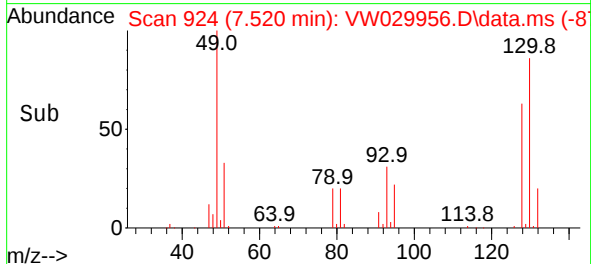


#23
Bromochloromethane
Concen: 15.000 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Instrument :
MSVOA_W
ClientSampleId :

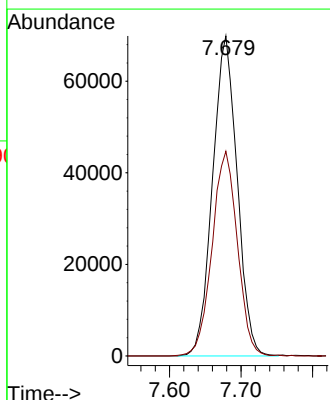
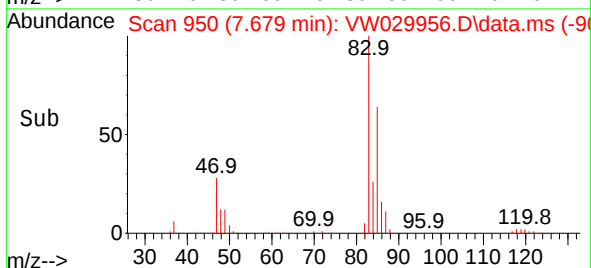
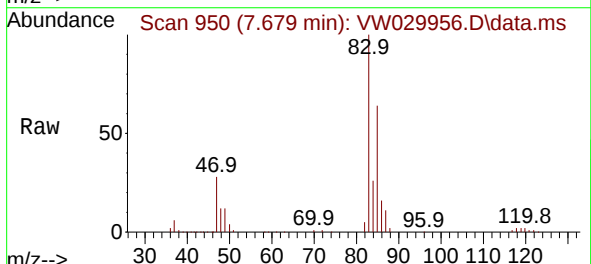


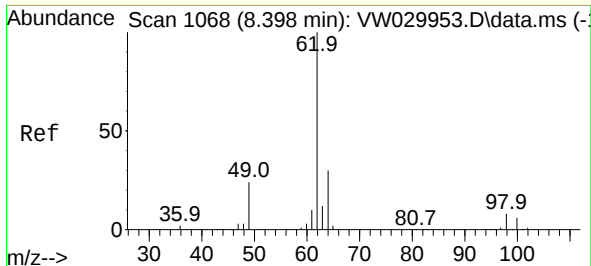
Tgt Ion:128 Resp: 37122
Ion Ratio Lower Upper
128 100
49 158.6 151.1 280.7
130 135.3 96.8 179.8
51 53.3 54.6 82.0#



#25
Chloroform
Concen: 15.622 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion: 83 Resp: 166827
Ion Ratio Lower Upper
83 100
85 64.0 44.4 82.4





#27

1,2-Dichloroethane

Concen: 14.000 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

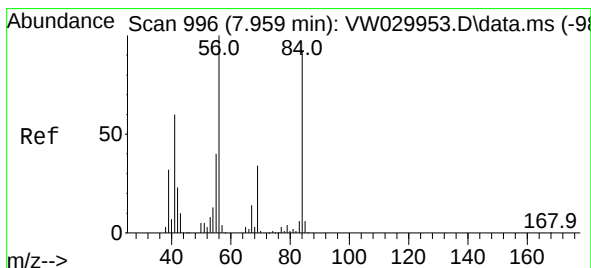
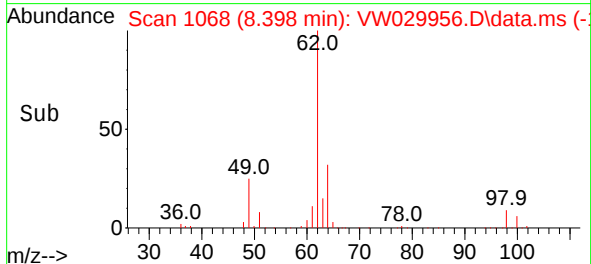
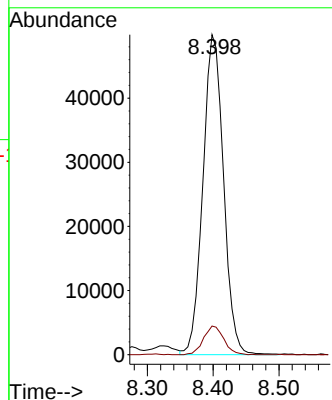
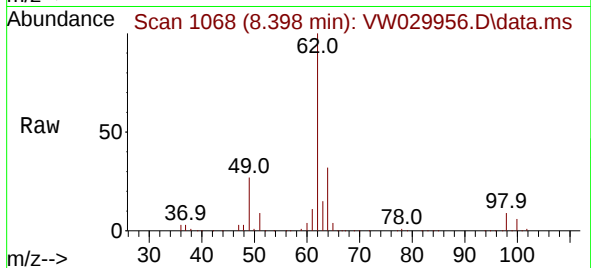
ClientSampleId :

Tgt Ion: 62 Resp: 108952

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0



#29

Cyclohexane

Concen: 9.333 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

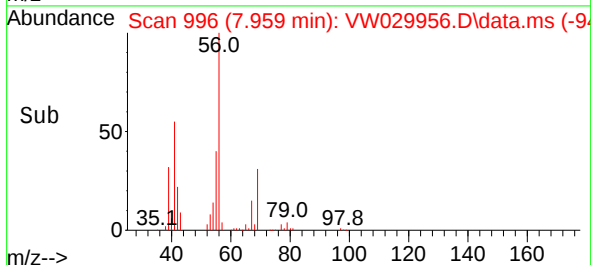
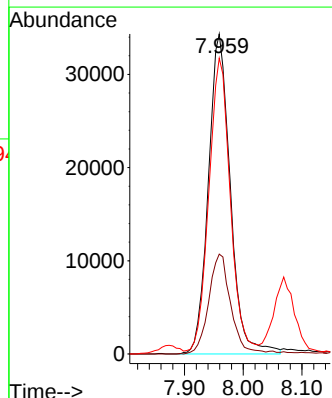
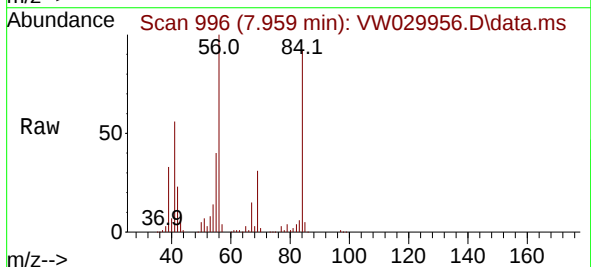
Tgt Ion: 56 Resp: 89122

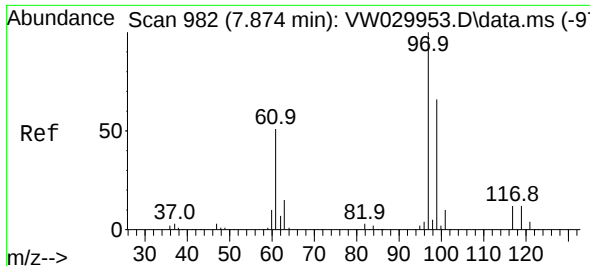
Ion Ratio Lower Upper

56 100

69 31.1 23.0 34.4

84 90.4 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 14.563 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

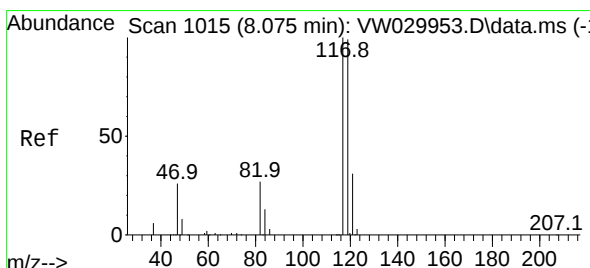
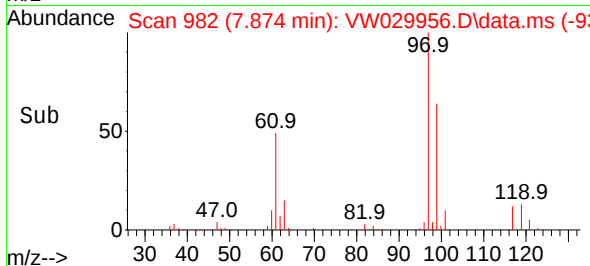
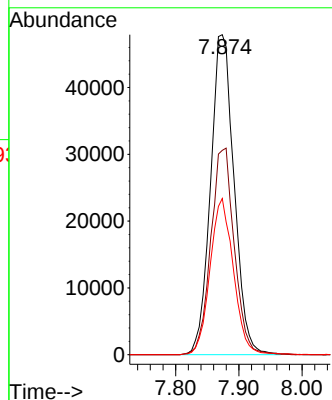
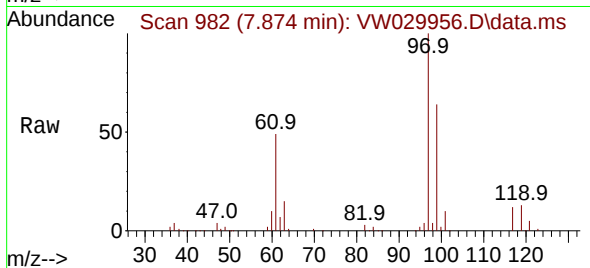
Tgt Ion: 97 Resp: 123918

Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 48.4 42.6 63.8



#31

Carbon tetrachloride

Concen: 14.006 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VW029956.D

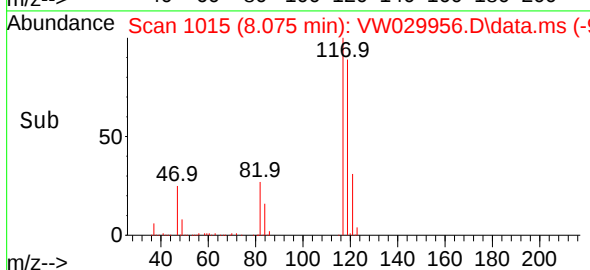
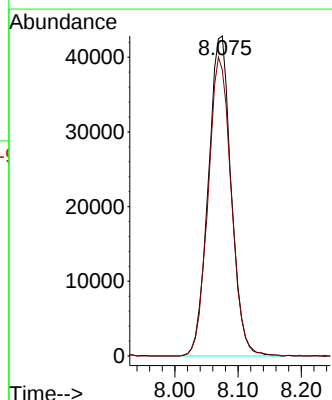
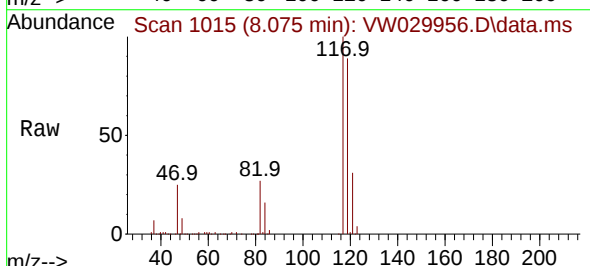
Acq: 20 Aug 2024 13:45

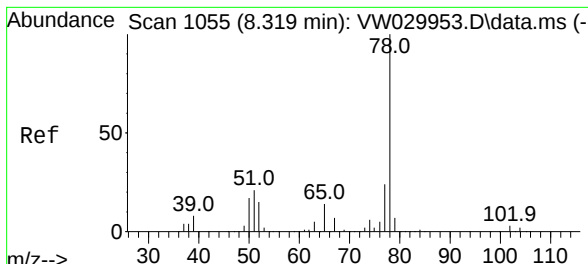
Tgt Ion: 117 Resp: 107391

Ion Ratio Lower Upper

117 100

119 94.3 74.8 112.2

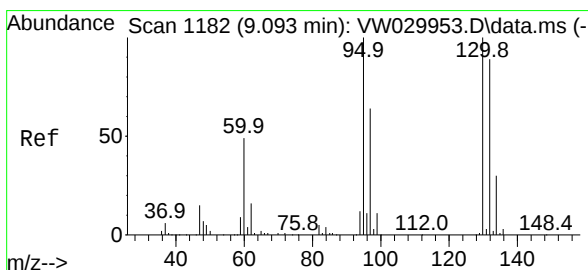
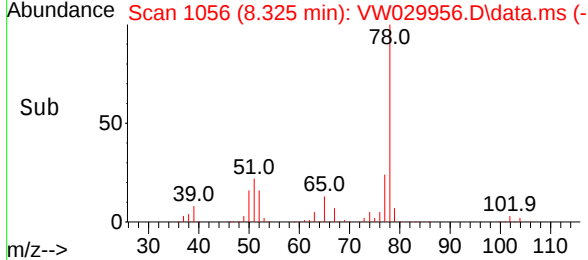
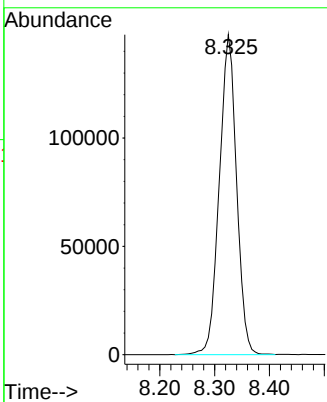
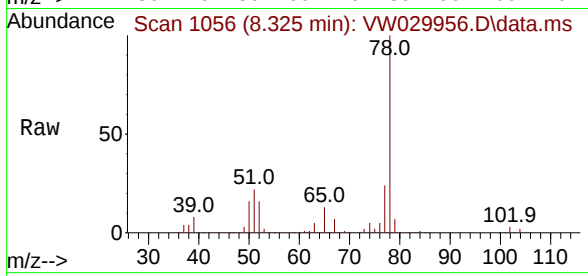




#33
Benzene
Concen: 14.065 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Instrument :
MSVOA_W
ClientSampleId :

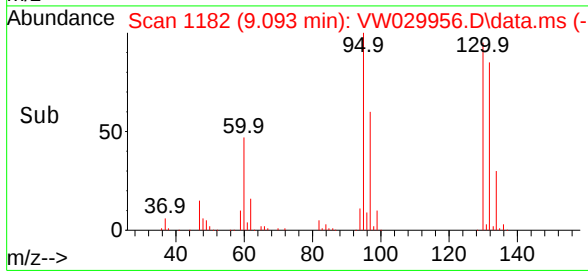
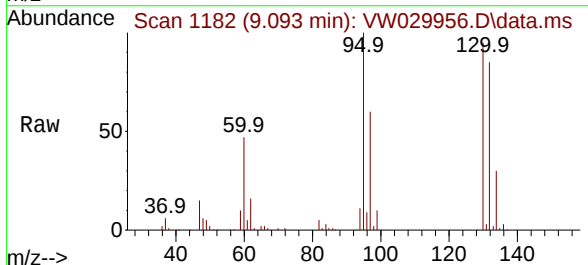
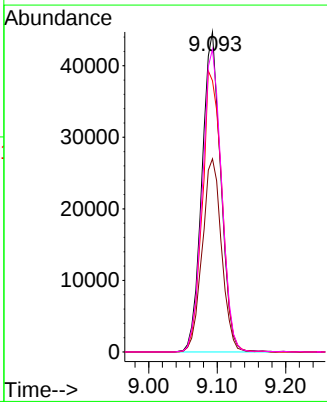
Tgt Ion: 78 Resp: 323831

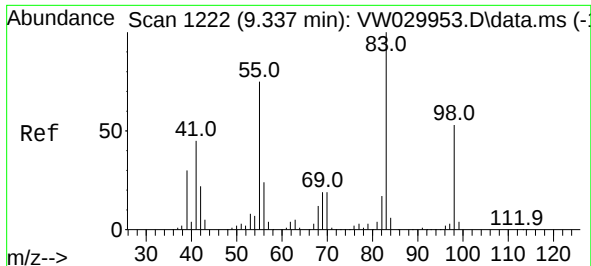


#34
Trichloroethene
Concen: 14.139 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion: 95 Resp: 85338

Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.6	84.8
132	84.8	65.2	121.0
130	94.6	69.9	129.7





#35

Methylcyclohexane

Concen: 10.797 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

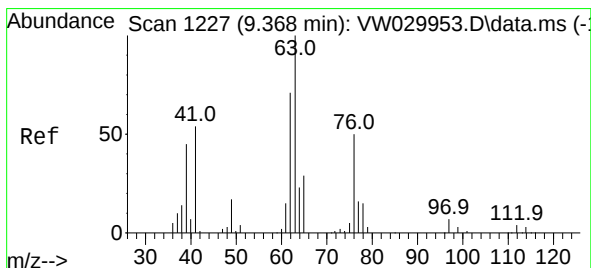
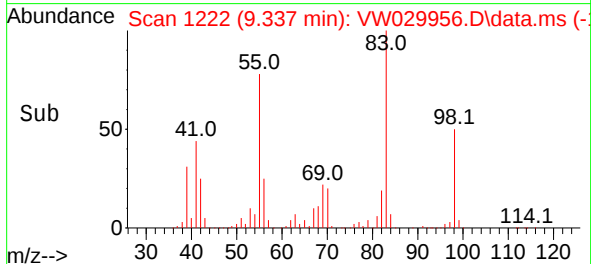
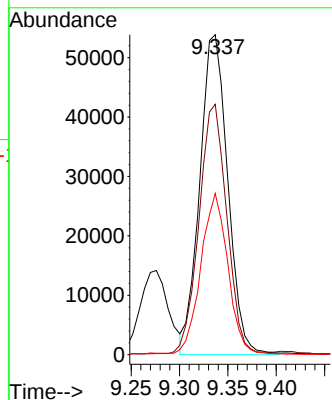
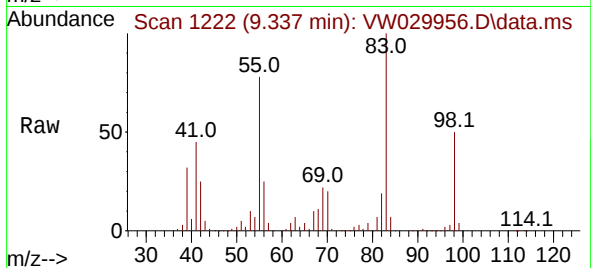
Tgt Ion: 83 Resp: 108585

Ion Ratio Lower Upper

83 100

55 78.0 67.4 101.2

98 48.9 36.7 55.1



#37

1,2-Dichloropropane

Concen: 13.880 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029956.D

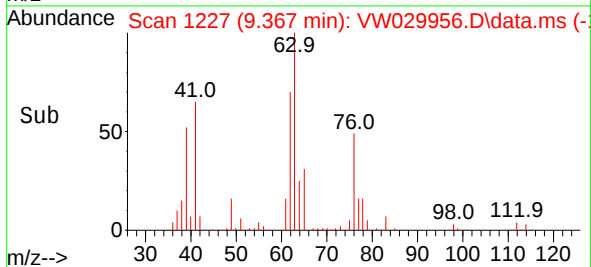
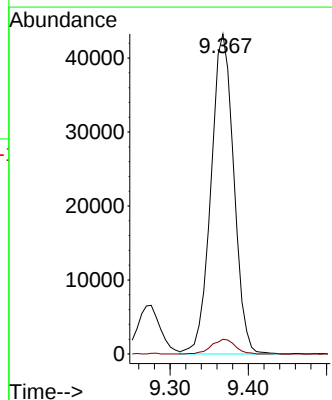
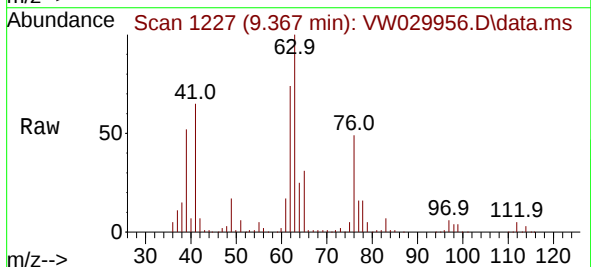
Acq: 20 Aug 2024 13:45

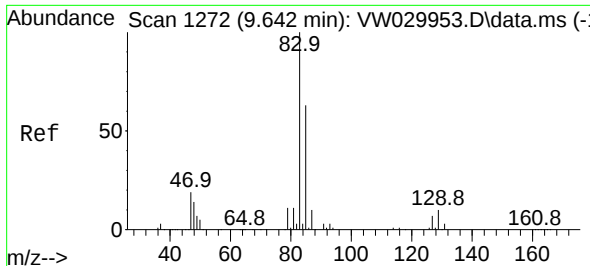
Tgt Ion: 63 Resp: 87573

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9





#38

Bromodichloromethane

Concen: 15.688 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

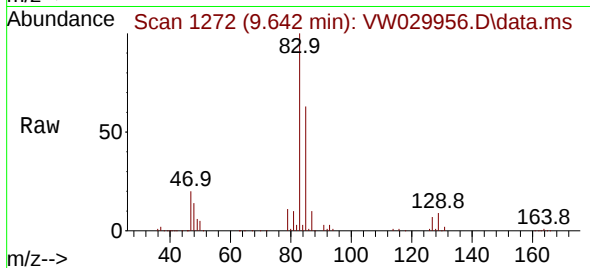
Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

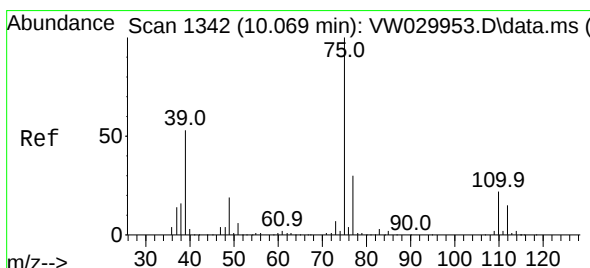
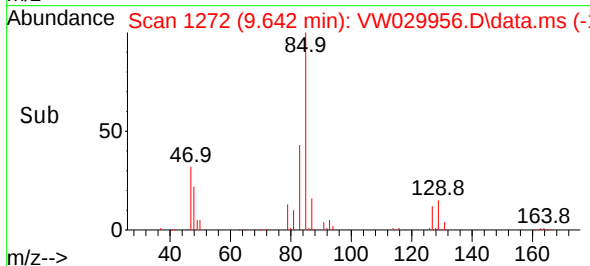
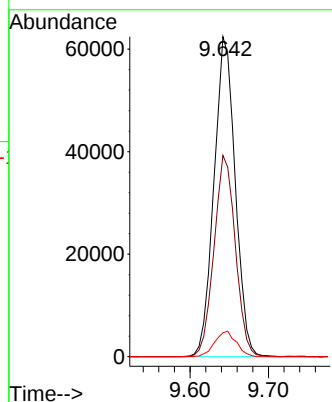
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	117865
Ion Ratio	Lower	Upper	
83	100		
85	62.9	46.6	86.6
127	7.5	5.9	8.9



#39

cis-1,3-Dichloropropene

Concen: 14.496 ug/L

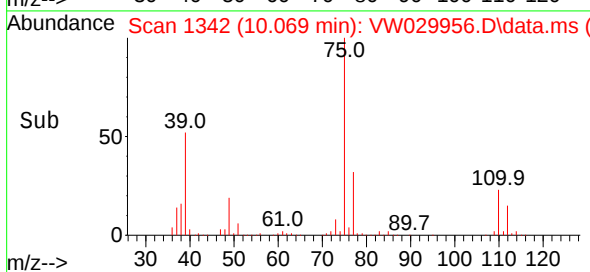
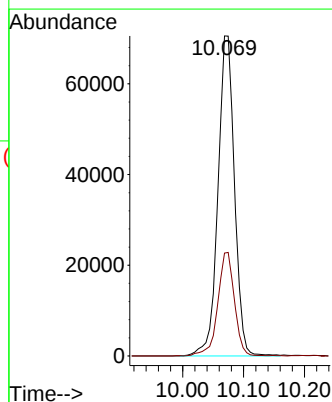
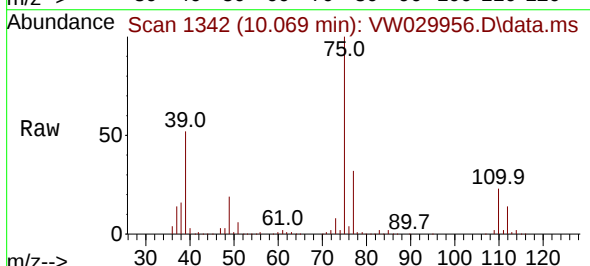
RT: 10.069 min Scan# 1342

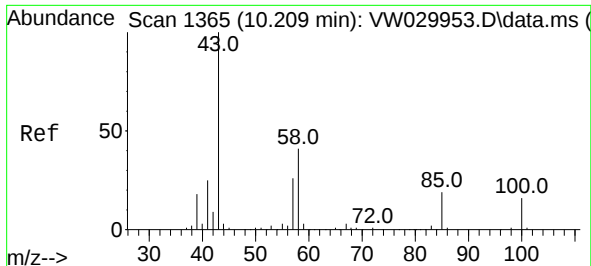
Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Tgt Ion:	75	Resp:	133196
Ion Ratio	Lower	Upper	
75	100		
77	32.2	20.8	38.6





#40

4-Methyl-2-pentanone

Concen: 24.141 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029956.D

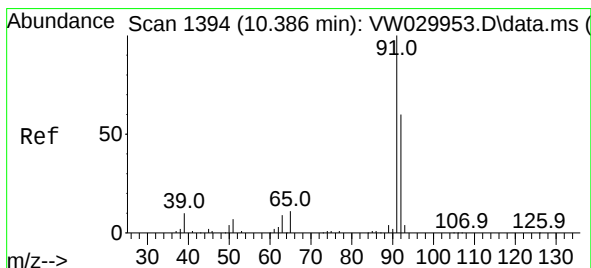
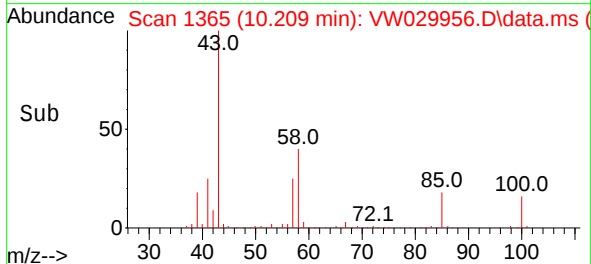
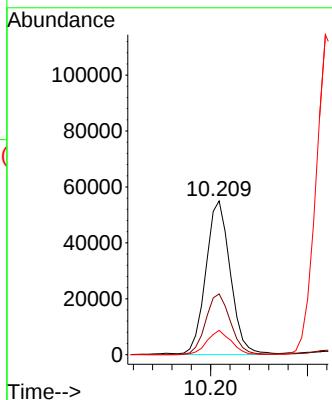
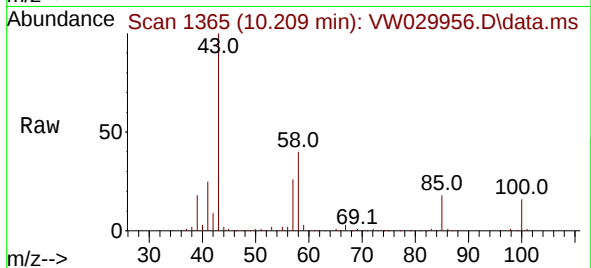
Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	96747
Ion Ratio	Lower	Upper	
43	100		
58	40.2	28.7	43.1
100	15.6	10.0	15.0#



#42

Toluene

Concen: 15.148 ug/L

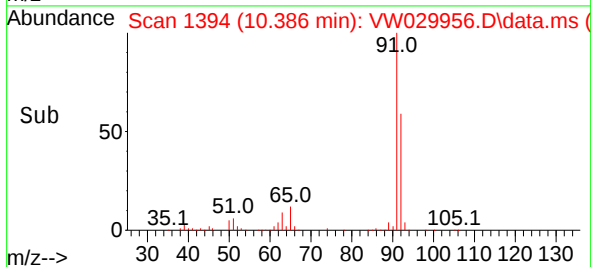
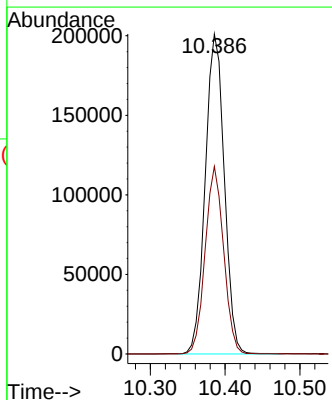
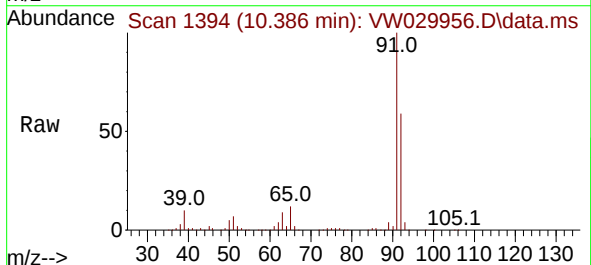
RT: 10.386 min Scan# 1394

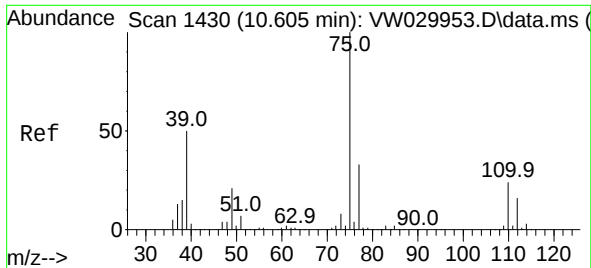
Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Tgt Ion:	91	Resp:	355989
Ion Ratio	Lower	Upper	
91	100		
92	58.6	39.5	73.4

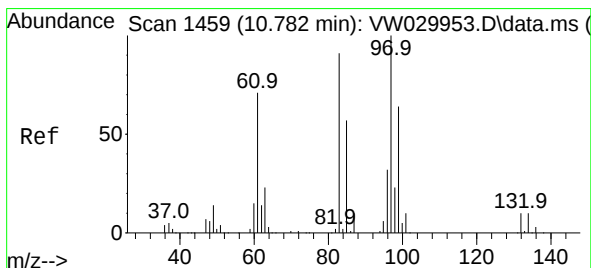
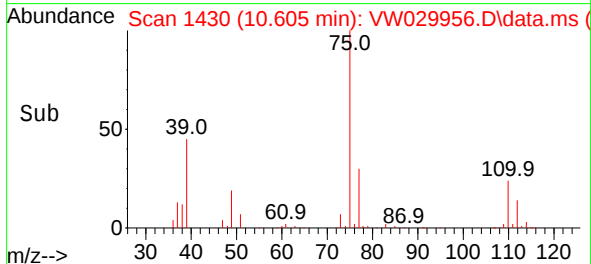
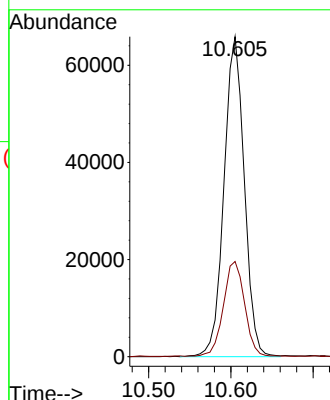
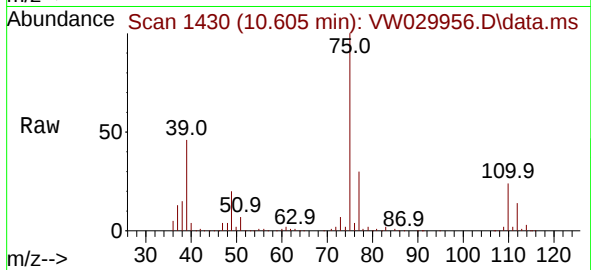




#44
trans-1,3-Dichloropropene
Concen: 14.815 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

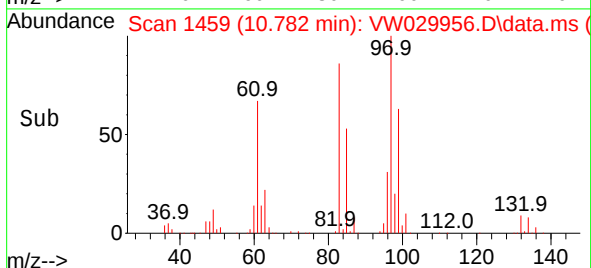
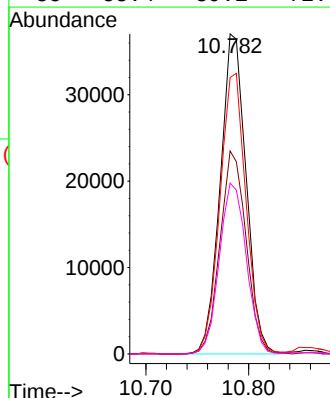
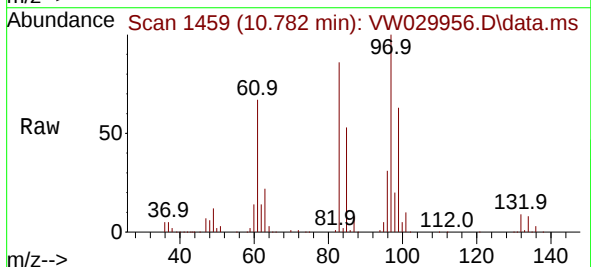
Instrument :
MSVOA_W
ClientSampleId :

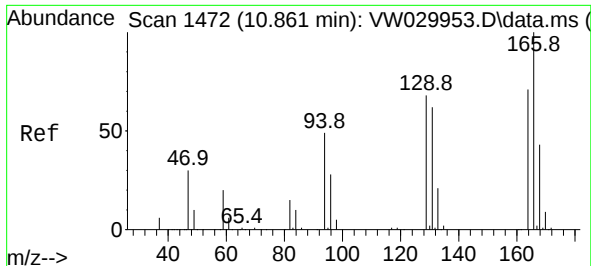
Tgt Ion: 75 Resp: 113005
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 15.266 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion: 97 Resp: 64708
Ion Ratio Lower Upper
97 100
99 63.5 40.1 74.5
83 86.4 58.5 108.7
85 53.4 39.1 72.7





#46

Tetrachloroethene

Concen: 13.064 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

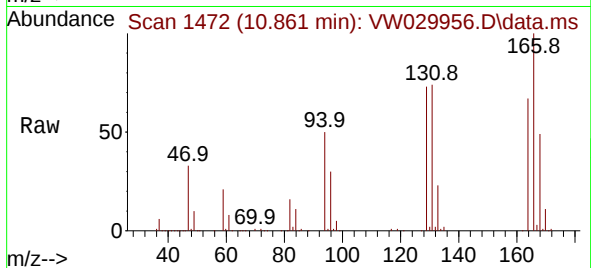
Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 57309

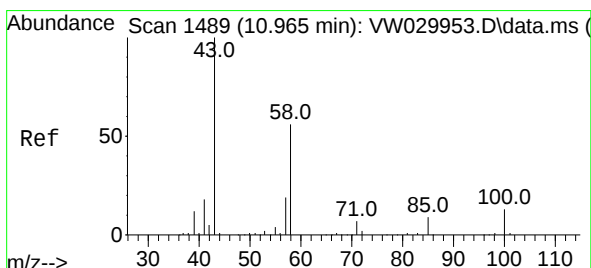
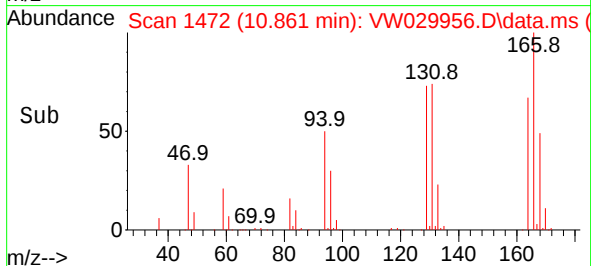
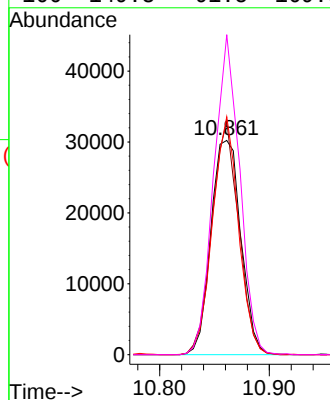
Ion Ratio Lower Upper

164 100

129 109.0 77.8 144.6

131 111.0 70.9 131.7

166 149.3 91.5 169.9



#48

2-Hexanone

Concen: 22.756 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Tgt Ion: 43 Resp: 68301

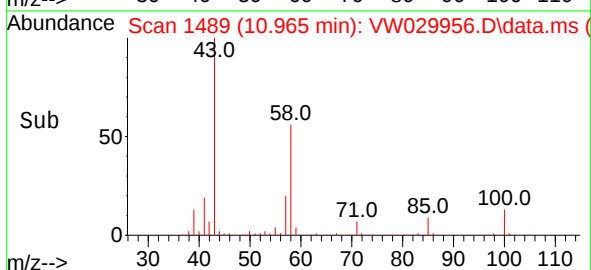
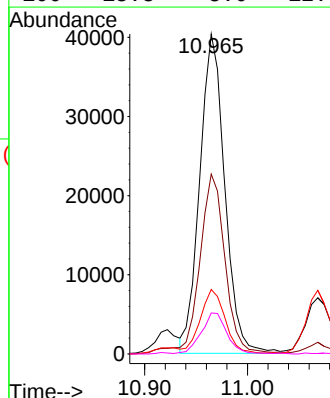
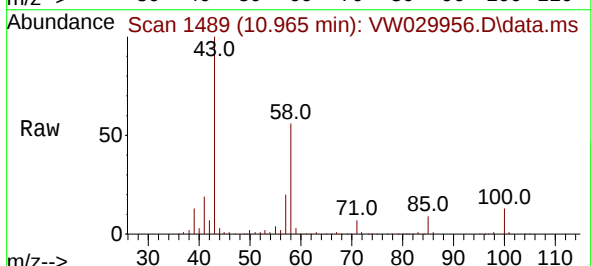
Ion Ratio Lower Upper

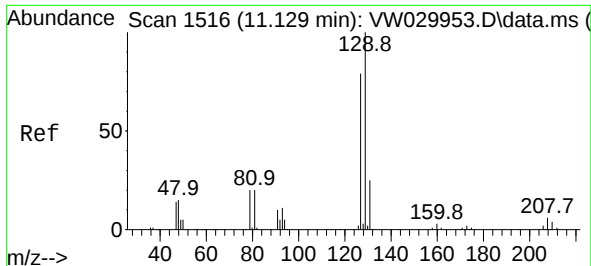
43 100

58 57.5 41.0 61.4

57 20.2 14.1 21.1

100 13.3 8.0 12.0#





#49

Dibromochloromethane

Concen: 16.078 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

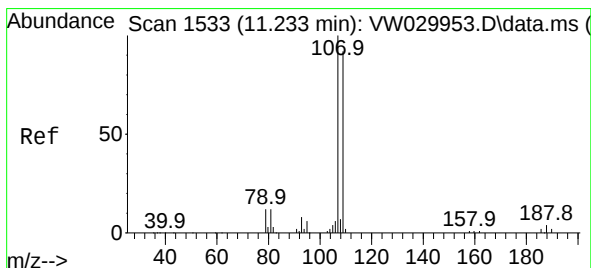
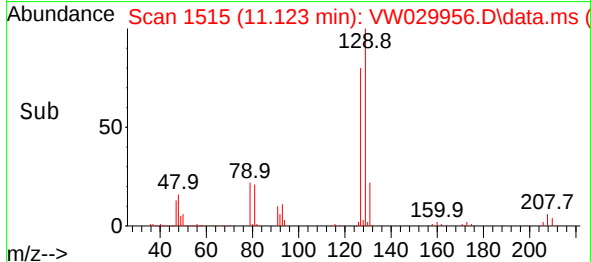
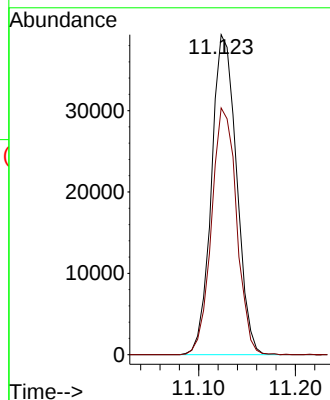
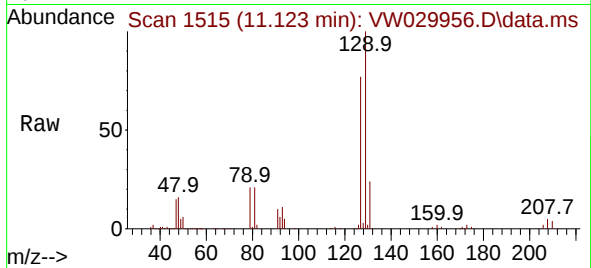
ClientSampleId :

Tgt Ion:129 Resp: 70745

Ion Ratio Lower Upper

129 100

127 77.1 52.4 97.2



#50

1,2-Dibromoethane

Concen: 14.911 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

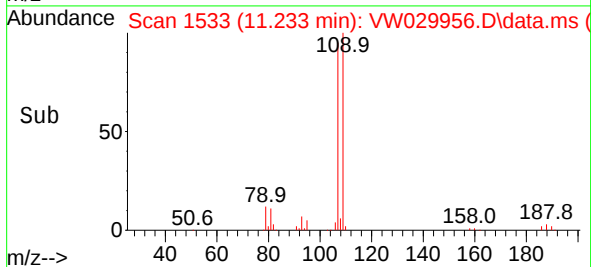
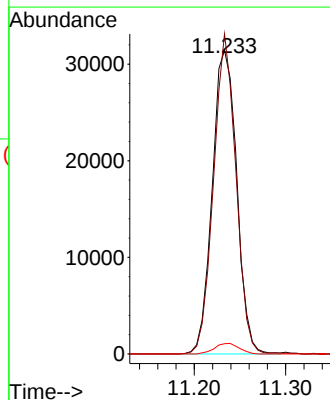
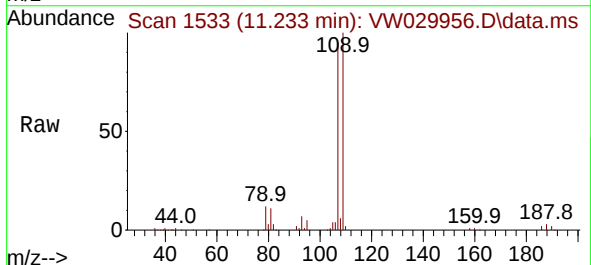
Tgt Ion:107 Resp: 58477

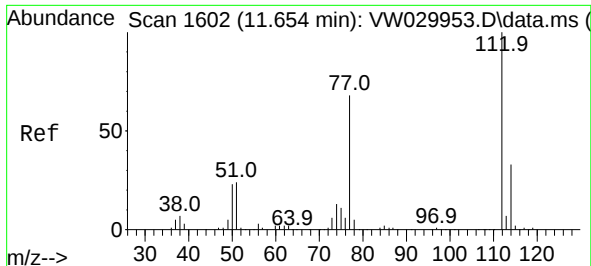
Ion Ratio Lower Upper

107 100

109 105.4 64.8 120.3

188 3.4 2.7 4.1





#51

Chlorobenzene

Concen: 15.030 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

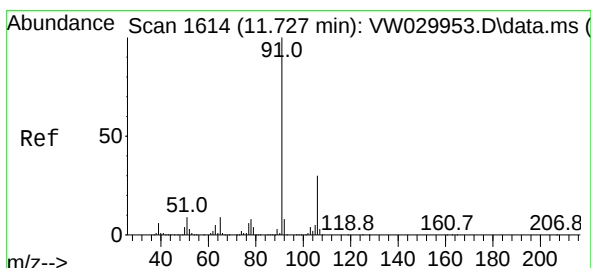
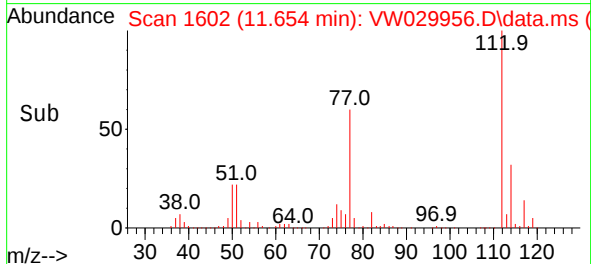
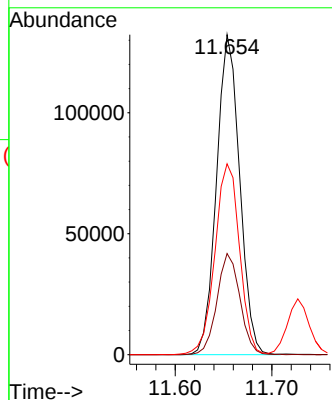
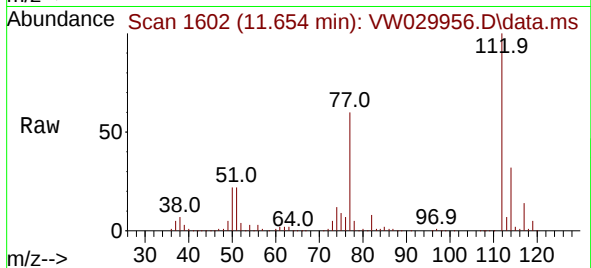
Tgt Ion:112 Resp: 219703

Ion Ratio Lower Upper

112 100

114 31.6 22.0 40.8

77 59.6 53.8 80.8



#52

Ethylbenzene

Concen: 14.781 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW029956.D

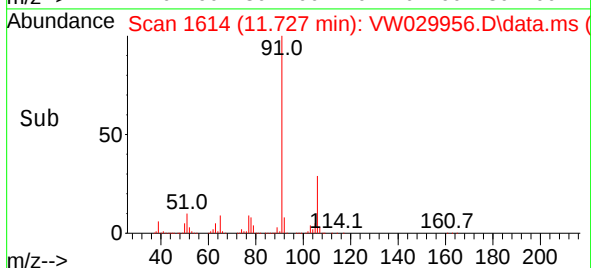
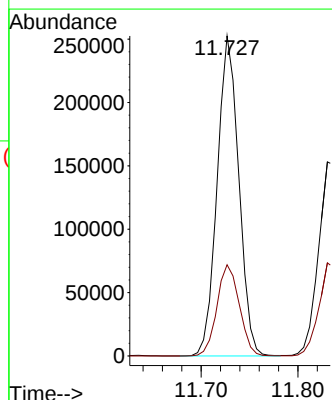
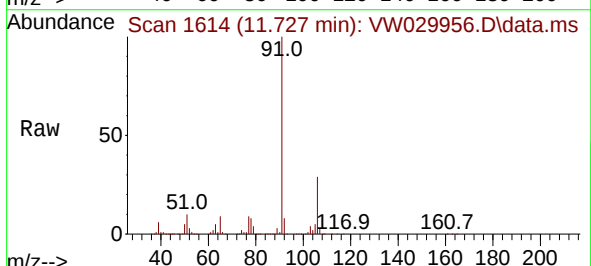
Acq: 20 Aug 2024 13:45

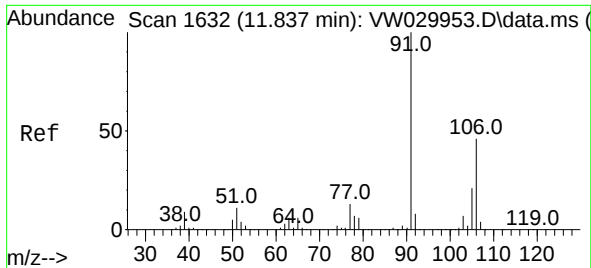
Tgt Ion: 91 Resp: 391831

Ion Ratio Lower Upper

91 100

106 28.5 20.4 38.0

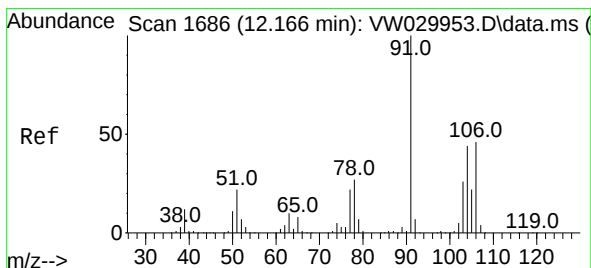
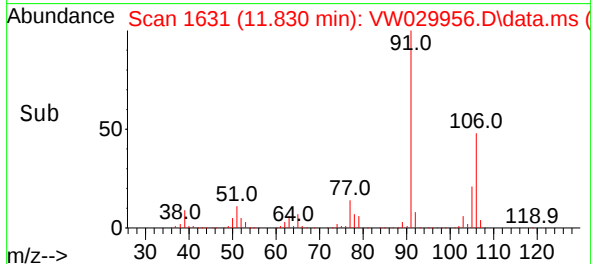
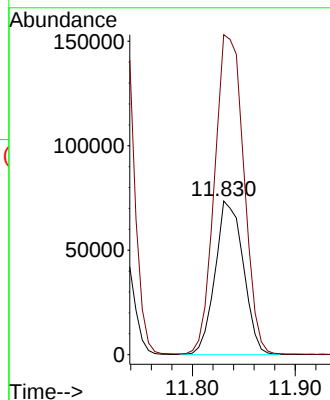
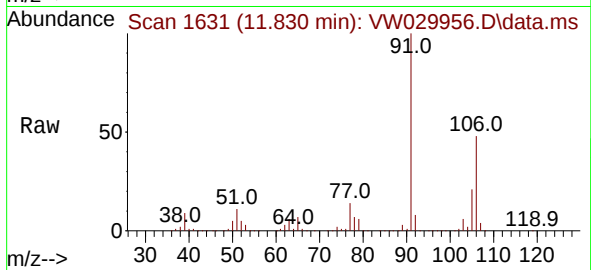




#53
m,p-Xylene
Concen: 14.371 ug/L
RT: 11.830 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

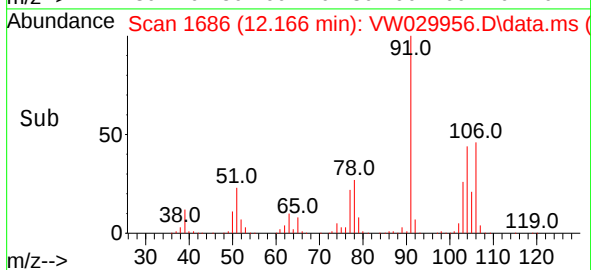
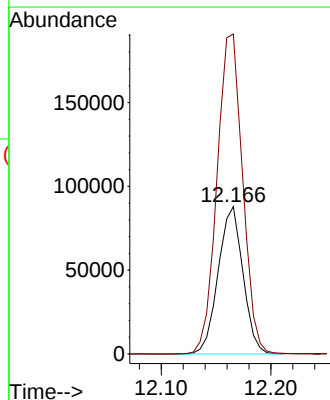
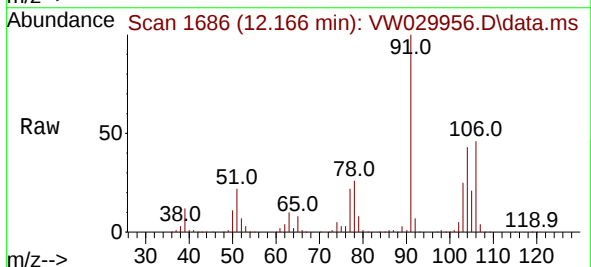
Instrument :
MSVOA_W
ClientSampleId :

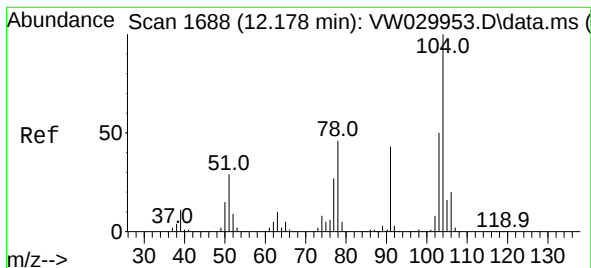
Tgt Ion:106 Resp: 140104
Ion Ratio Lower Upper
106 100
91 208.4 151.4 281.2



#54
o-Xylene
Concen: 15.366 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion:106 Resp: 137953
Ion Ratio Lower Upper
106 100
91 217.1 155.8 289.4





#55

Styrene

Concen: 15.121 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

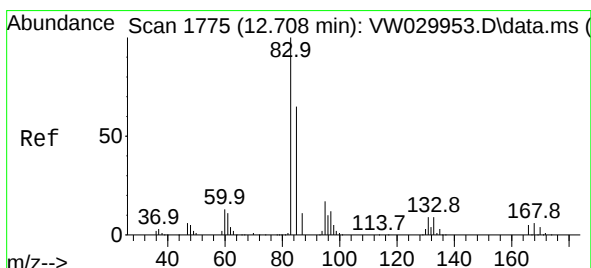
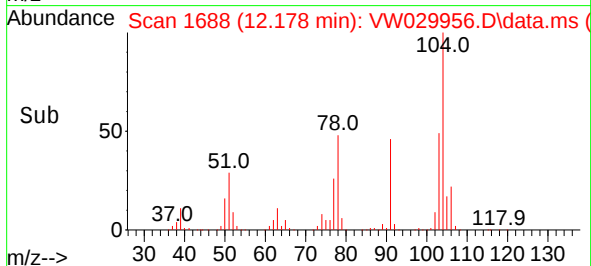
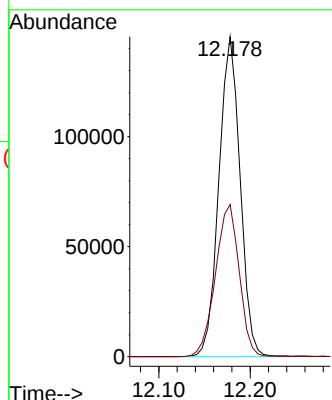
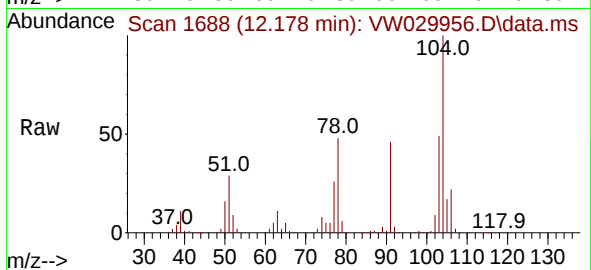
ClientSampleId :

Tgt Ion:104 Resp: 235309

Ion Ratio Lower Upper

104 100

78 47.6 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 15.013 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

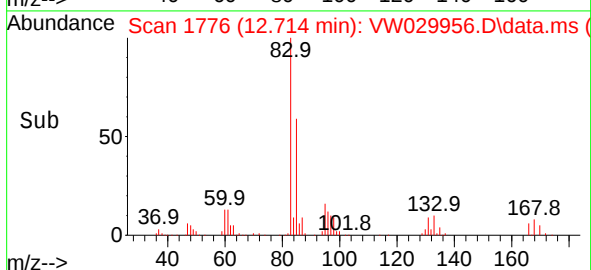
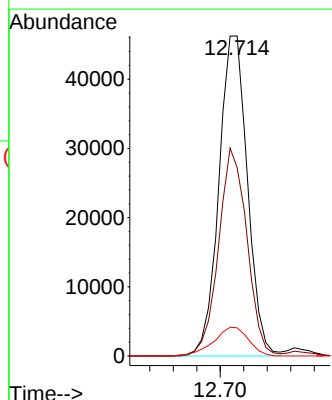
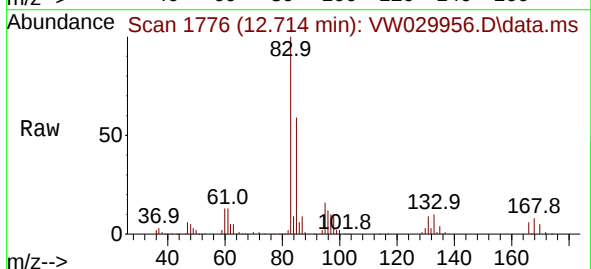
Tgt Ion: 83 Resp: 78105

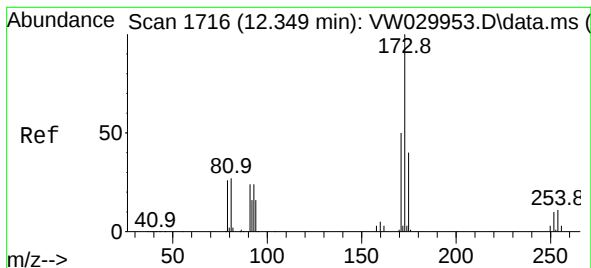
Ion Ratio Lower Upper

83 100

85 58.8 44.2 82.0

131 8.8 6.2 9.2





#59

Bromoform

Concen: 16.567 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029956.D

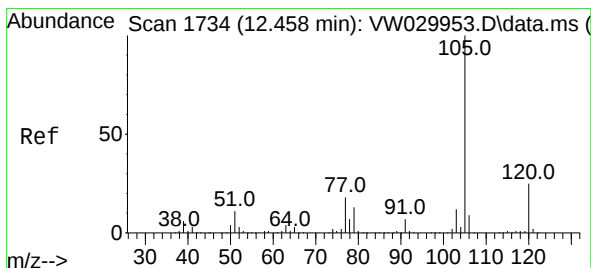
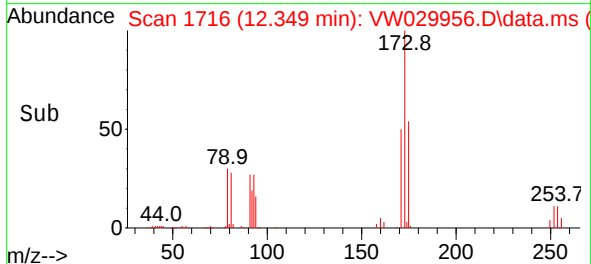
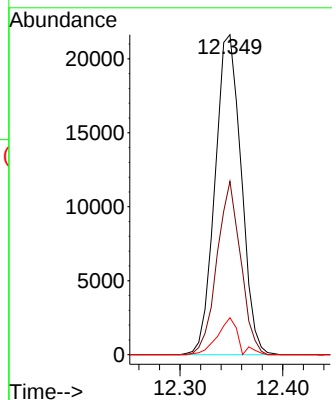
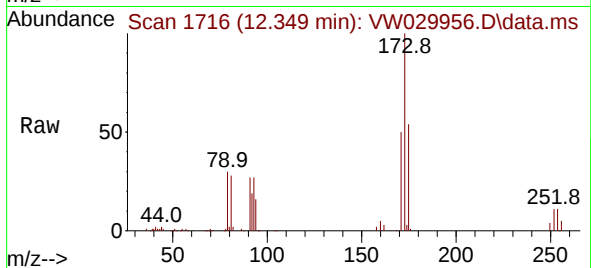
Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	38290
Ion Ratio	Lower	Upper
173	100	
175	49.0	38.1 57.1
254	8.4	7.8 11.6



#60

Isopropylbenzene

Concen: 15.644 ug/L

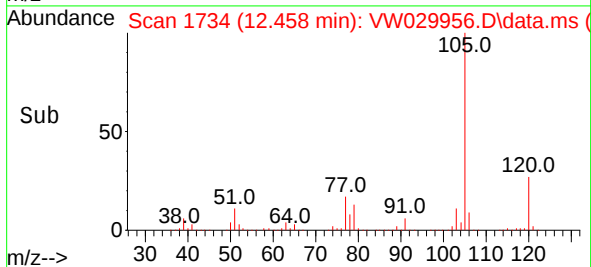
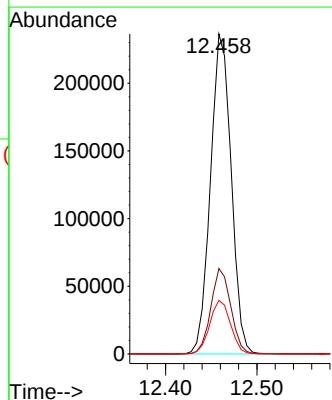
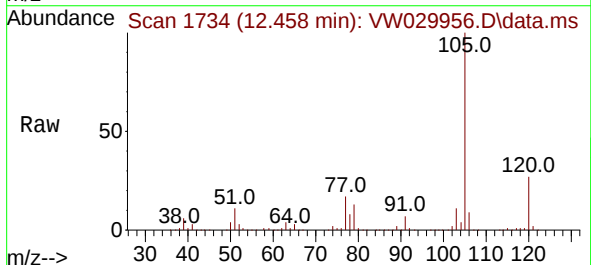
RT: 12.458 min Scan# 1734

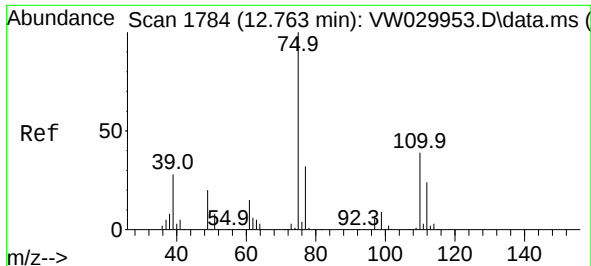
Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Tgt Ion:105	Resp:	371816
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.3 30.5
77	16.9	14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 14.873 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029956.D

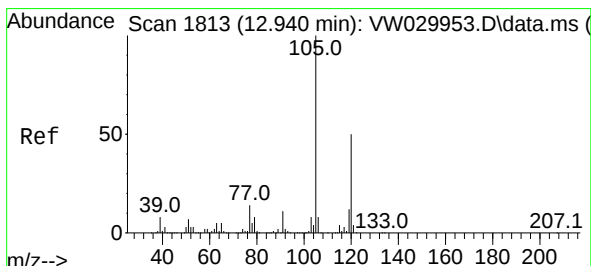
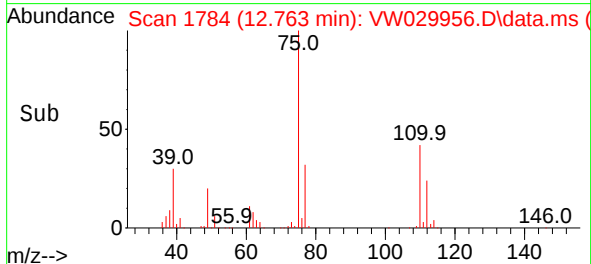
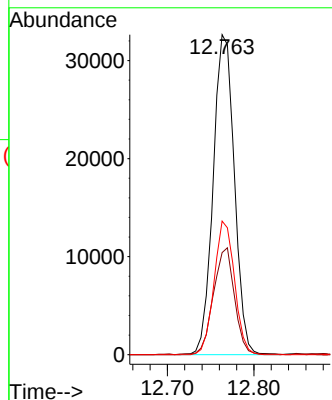
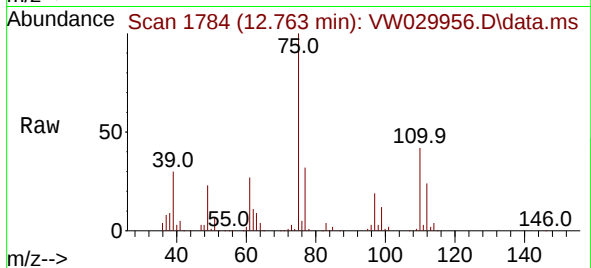
Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	55559
Ion Ratio	Lower	Upper	
75	100		
77	33.2	25.4	38.0
110	40.1	28.6	43.0



#62

1,3,5-Trimethylbenzene

Concen: 16.786 ug/L

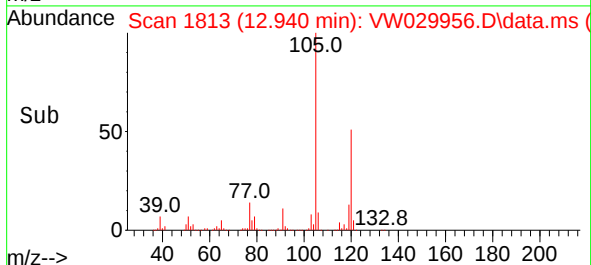
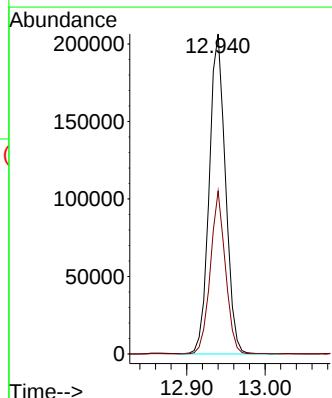
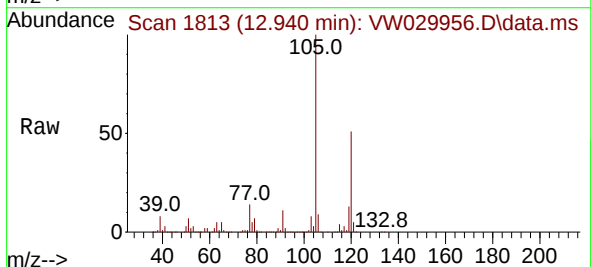
RT: 12.940 min Scan# 1813

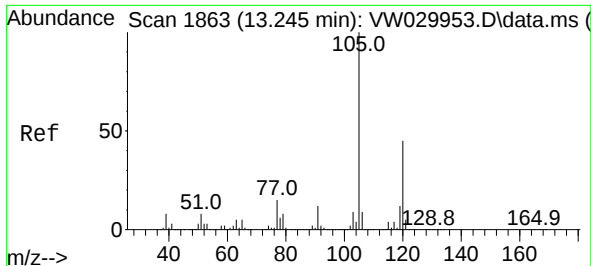
Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Tgt Ion:	105	Resp:	296553
Ion Ratio	Lower	Upper	
105	100		
120	47.2	38.2	57.2





#63

1,2,4-Trimethylbenzene

Concen: 15.175 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

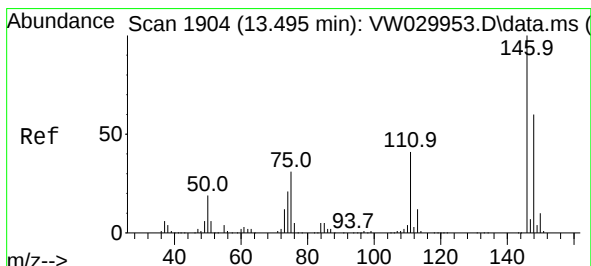
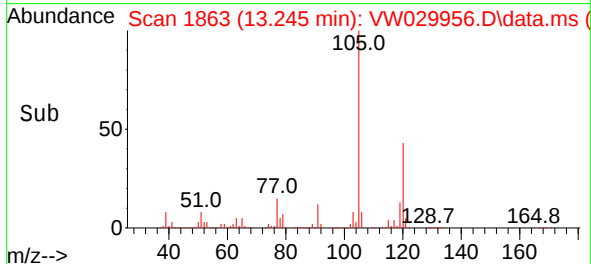
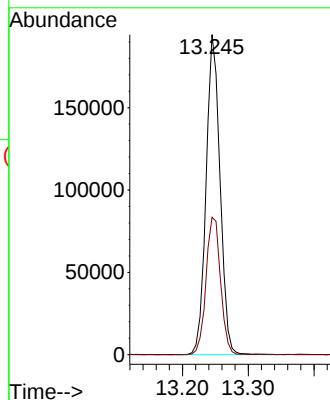
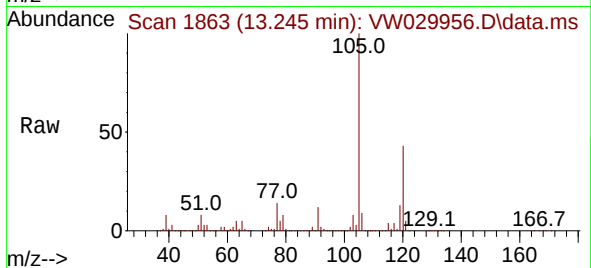
ClientSampleId :

Tgt Ion:105 Resp: 286714

Ion Ratio Lower Upper

105 100

120 44.7 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 14.824 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

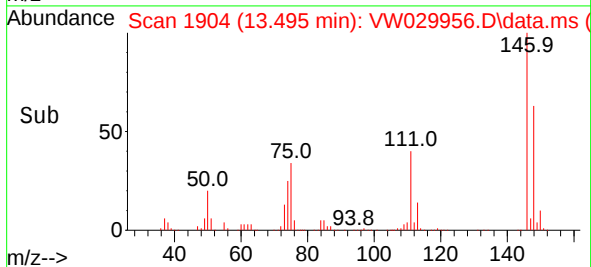
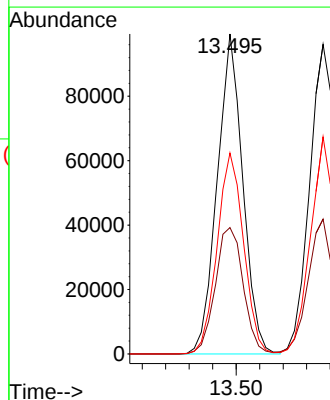
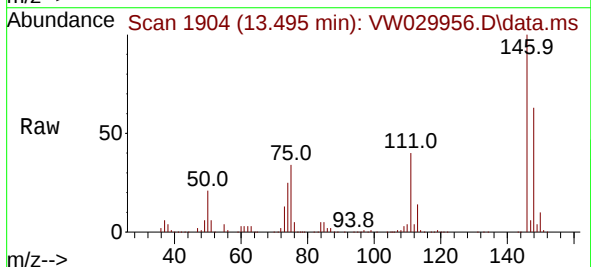
Tgt Ion:146 Resp: 150328

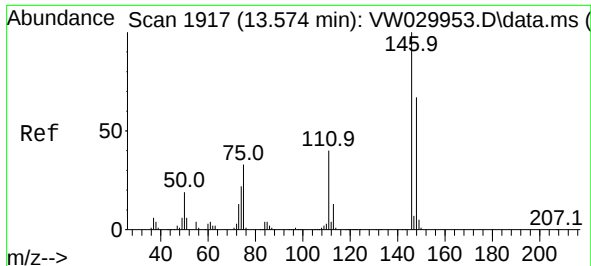
Ion Ratio Lower Upper

146 100

111 39.5 28.7 53.3

148 62.8 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 14.939 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

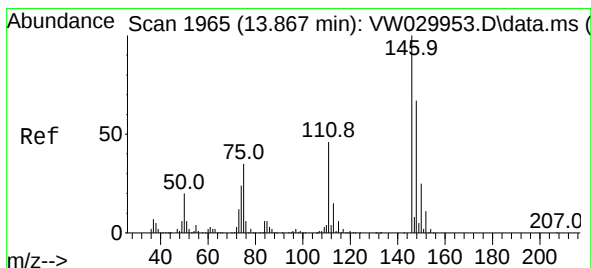
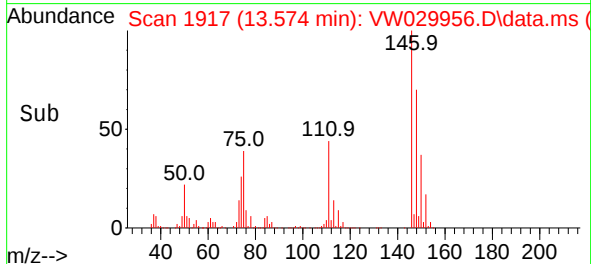
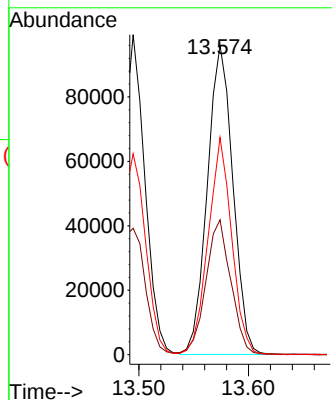
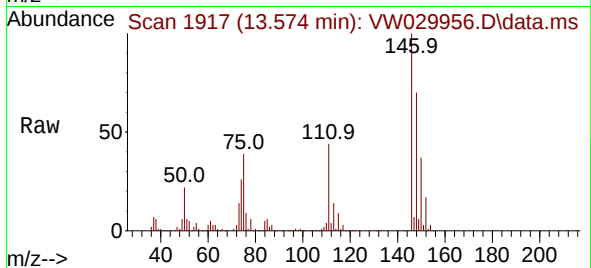
Tgt Ion:146 Resp: 155609

Ion Ratio Lower Upper

146 100

111 43.5 30.1 55.9

148 70.1 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 15.502 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

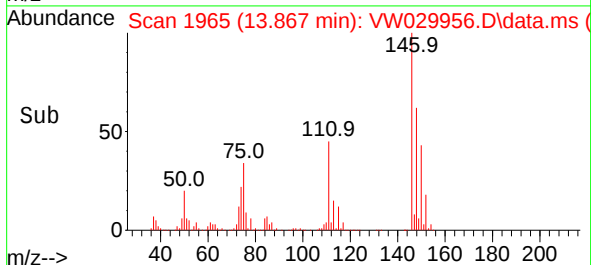
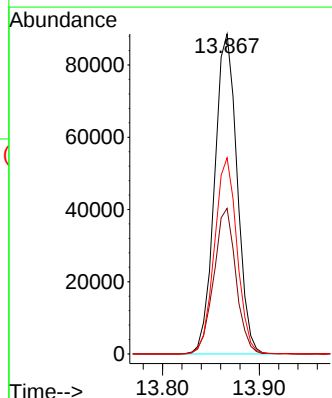
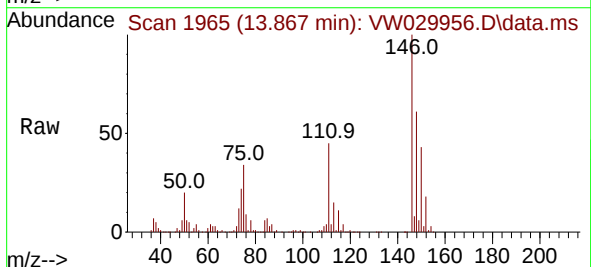
Tgt Ion:146 Resp: 143115

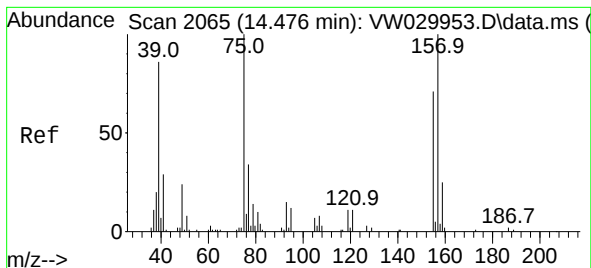
Ion Ratio Lower Upper

146 100

111 45.5 35.8 53.8

148 61.3 52.6 78.8

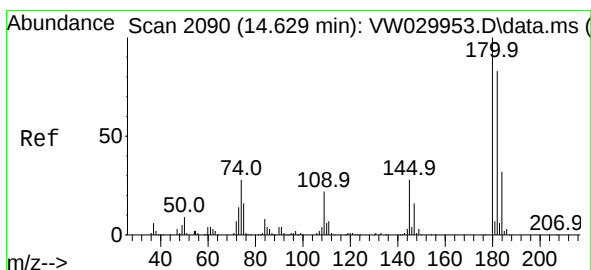
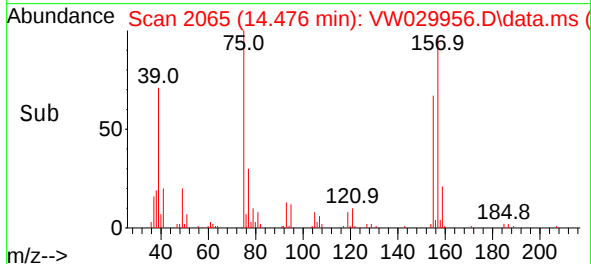
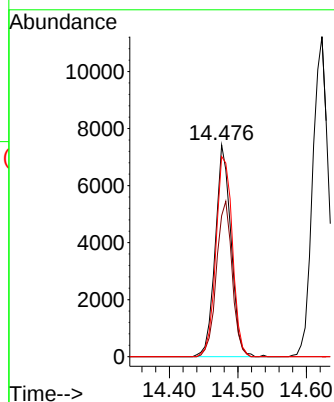
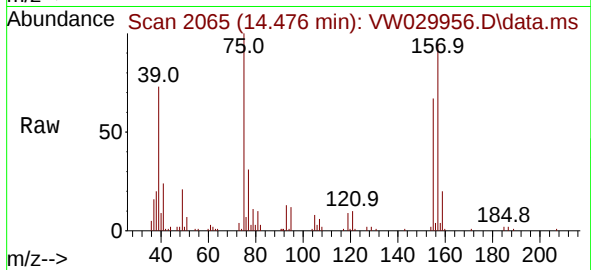




#68
1,2-Dibromo-3-chloropropane
Concen: 13.914 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

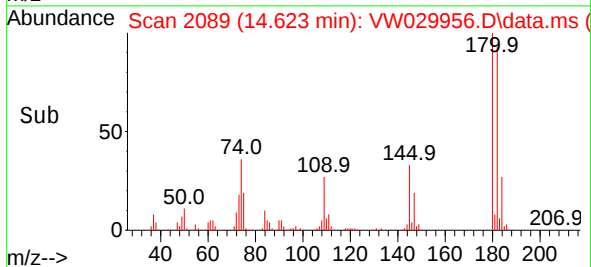
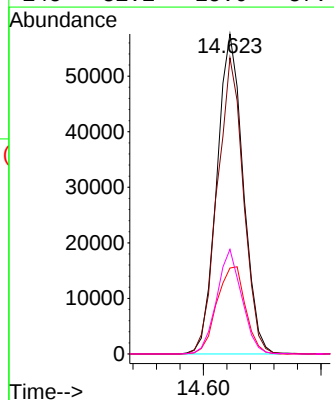
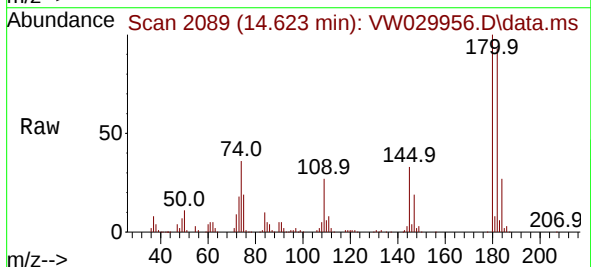
Instrument :
MSVOA_W
ClientSampleId :

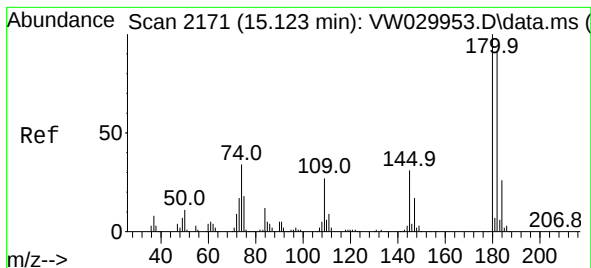
Tgt Ion: 75 Resp: 11802
Ion Ratio Lower Upper
75 100
155 66.6 47.8 71.6
157 94.5 63.7 95.5



#69
1,3,5-Trichlorobenzene
Concen: 12.918 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.006 min
Lab File: VW029956.D
Acq: 20 Aug 2024 13:45

Tgt Ion:180 Resp: 89626
Ion Ratio Lower Upper
180 100
182 91.7 72.7 109.1
184 29.5 23.3 34.9
145 31.1 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 11.492 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

Instrument :

MSVOA_W

ClientSampleId :

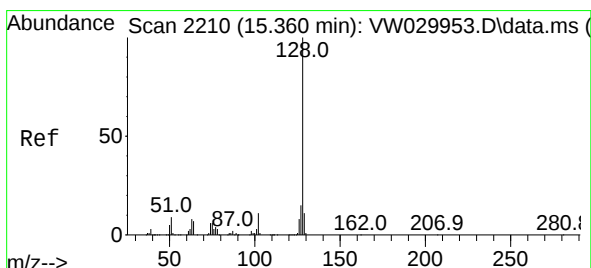
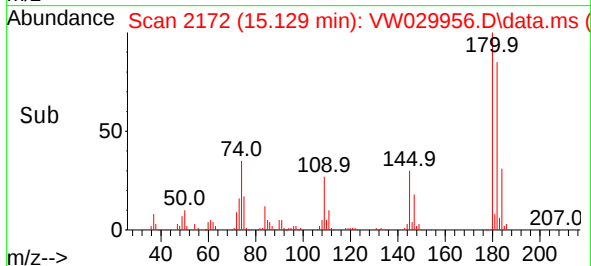
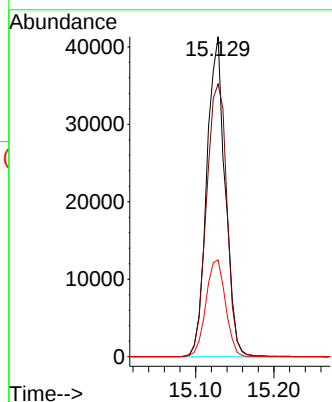
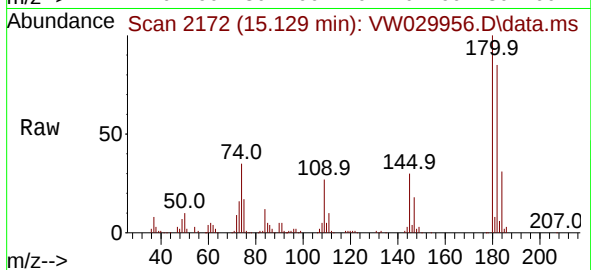
Tgt Ion:180 Resp: 67172

Ion Ratio Lower Upper

180 100

182 94.5 80.2 120.4

145 32.1 26.3 39.5



#71

Naphthalene

Concen: 11.627 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029956.D

Acq: 20 Aug 2024 13:45

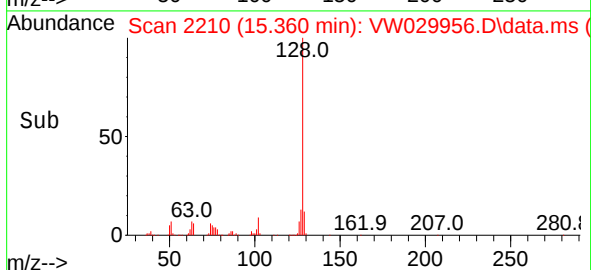
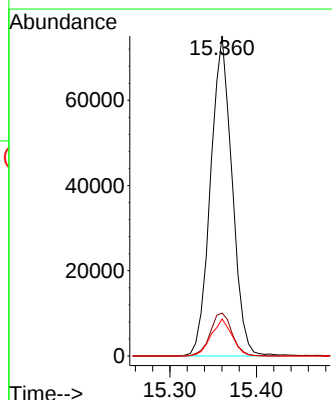
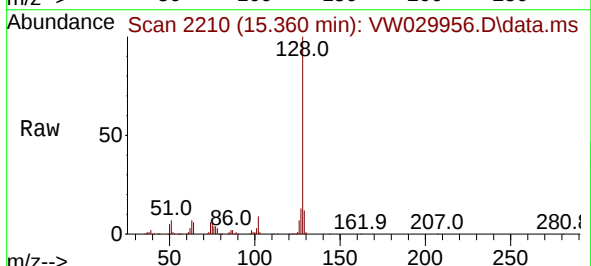
Tgt Ion:128 Resp: 129679

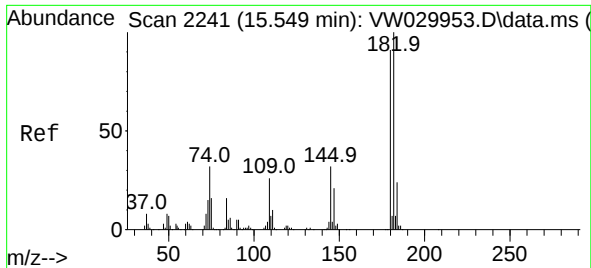
Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

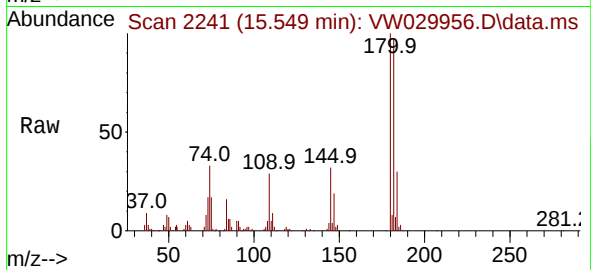
129 11.2 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 11.389 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029956.D
 Acq: 20 Aug 2024 13:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 60252
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.0 111.0
 145 34.2 27.5 41.3

