

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027943.D
 Acq On : 05 Feb 2024 09:43
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 02:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	299254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	9336	2.664	ug/L	0.00
7) Chloroethane-d5	2.899	69	6741	2.536	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	4018	2.679	ug/L	0.00
21) 2-Butanone-d5	7.100	46	1812	3.320	ug/L	0.02
24) Chloroform-d	7.648	84	18695	2.672	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	8313	2.631	ug/L	0.00
32) Benzene-d6	8.276	84	36511	2.552	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	10254	2.643	ug/L	0.00
41) Toluene-d8	10.325	98	34842	2.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	3710	2.325	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2419	4.584	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7395	2.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	12140	2.594	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	7556	2.932	ug/L	98
3) Chloromethane	2.222	50	8728	3.084	ug/L	99
5) Vinyl chloride	2.375	62	11688	3.047	ug/L	96
6) Bromomethane	2.796	94	8183	3.019	ug/L	97
8) Chloroethane	2.942	64	6271	2.893	ug/L	93
9) Trichlorofluoromethane	3.277	101	9839	2.822	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	4691	1.349	ug/L #	43
12) 1,1-Dichloroethene	4.045	96	9052	2.769	ug/L	85
13) Acetone	4.149	43	1192	2.276	ug/L	75
14) Carbon disulfide	4.387	76	30596	3.162	ug/L	95
15) Methyl Acetate	4.685	43	2544	2.886	ug/L #	73
16) Methylene chloride	4.929	84	13261	3.545	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	10167	2.895	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	11520	2.767	ug/L #	72
19) 1,1-Dichloroethane	6.216	63	10380	1.819	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	10061	2.713	ug/L	95
22) 2-Butanone	7.191	43	3191	5.220	ug/L	83
23) Bromochloromethane	7.520	128	4507	2.736	ug/L	93
25) Chloroform	7.679	83	17268	2.815	ug/L	93
27) 1,2-Dichloroethane	8.398	62	9401	2.752	ug/L #	89
29) Cyclohexane	7.953	56	13126	2.754	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	14679	2.843	ug/L	96
31) Carbon tetrachloride	8.069	117	13542	2.835	ug/L	98
33) Benzene	8.325	78	38107	2.853	ug/L	100
34) Trichloroethene	9.093	95	11143	2.906	ug/L	94
35) Methylcyclohexane	9.337	83	17576	2.785	ug/L	99
37) 1,2-Dichloropropane	9.368	63	8673	2.763	ug/L	98
38) Bromodichloromethane	9.642	83	11469	2.737	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	12868	2.558	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	6183	5.219	ug/L	96
42) Toluene	10.386	91	41428	2.766	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	9794	2.453	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

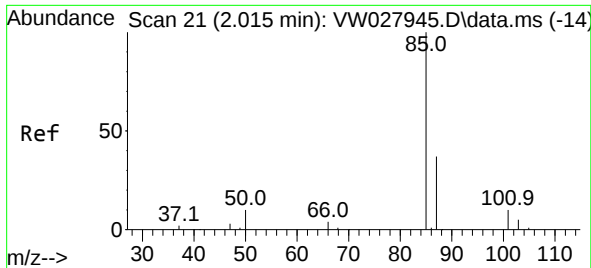
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	6918	2.784	ug/L	100
46) Tetrachloroethene	10.861	164	9096	2.819	ug/L	93
48) 2-Hexanone	10.971	43	4830	5.382	ug/L #	92
49) Dibromochloromethane	11.129	129	7577	2.675	ug/L	99
50) 1,2-Dibromoethane	11.233	107	6265	2.701	ug/L	91
51) Chlorobenzene	11.654	112	27590	2.770	ug/L	99
52) Ethylbenzene	11.727	91	45994	2.724	ug/L	98
53) m,p-Xylene	11.837	106	17816	2.690	ug/L	96
54) o-Xylene	12.160	106	16153	2.601	ug/L	98
55) Styrene	12.178	104	26301	2.542	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	7065	2.655	ug/L	97
59) Bromoform	12.343	173	4236	2.607	ug/L	98
60) Isopropylbenzene	12.458	105	44548	2.591	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4950	2.694	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	34606	2.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	33336	2.476	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	21658	2.743	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	21914	2.729	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	19279	2.764	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.623	75	2448	6.710	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.623	180	14528	2.562	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	12758	2.786	ug/L	96
71) Naphthalene	15.360	128	16518	2.321	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	9721	2.544	ug/L	92

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

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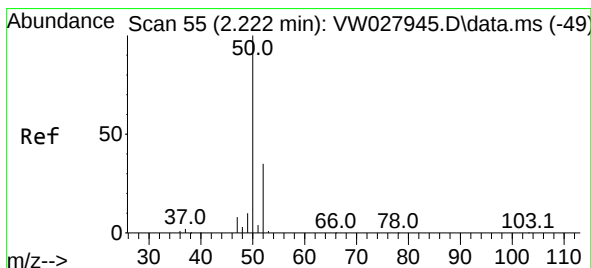
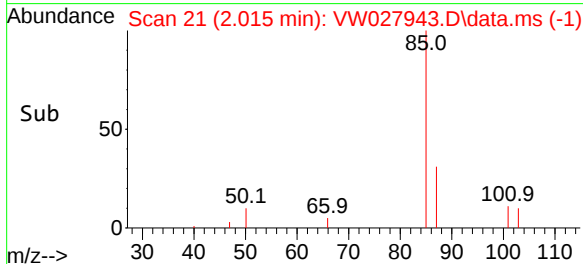
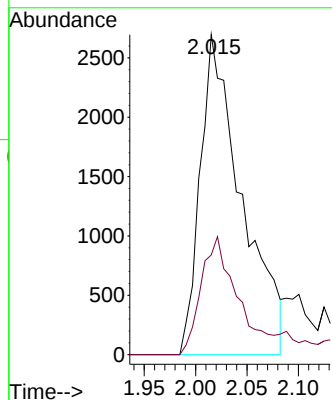
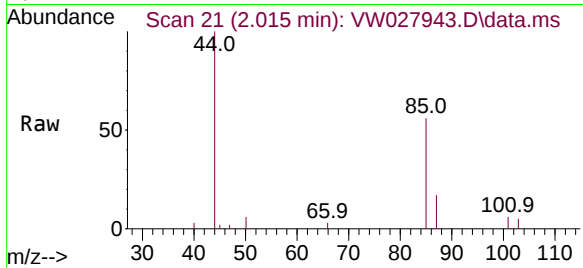




#2
Dichlorodifluoromethane
Concen: 2.932 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

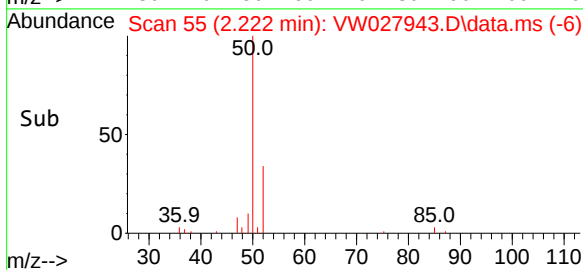
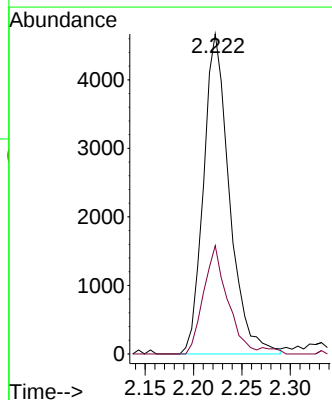
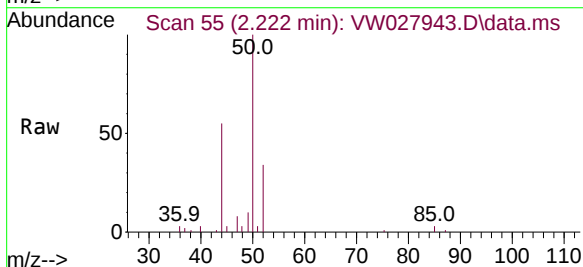
Instrument :
MSVOA_W
ClientSampleId :

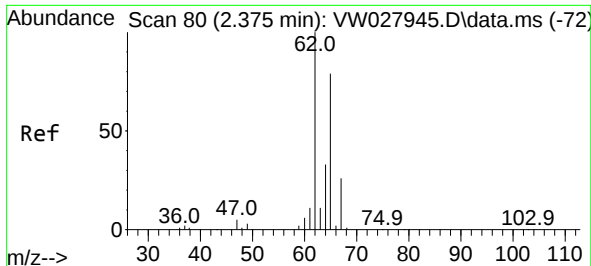
Tgt Ion: 85 Resp: 7556
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9



#3
Chloromethane
Concen: 3.084 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 50 Resp: 8728
Ion Ratio Lower Upper
50 100
52 33.9 24.3 45.1

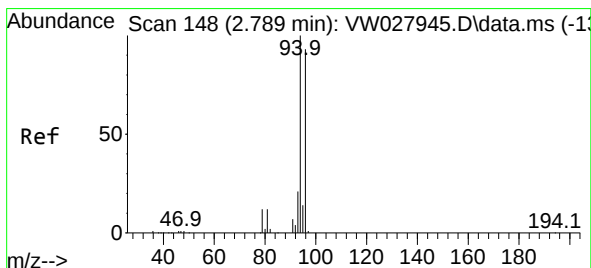
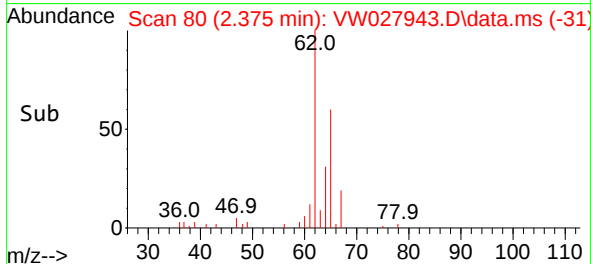
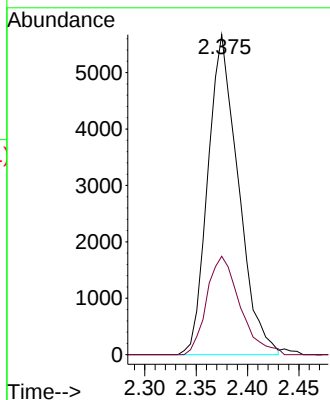
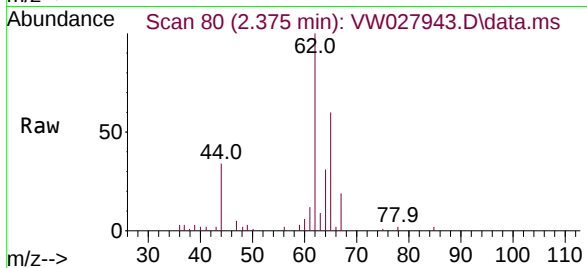




#5
 Vinyl chloride
 Concen: 3.047 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027943.D
 Acq: 05 Feb 2024 09:43

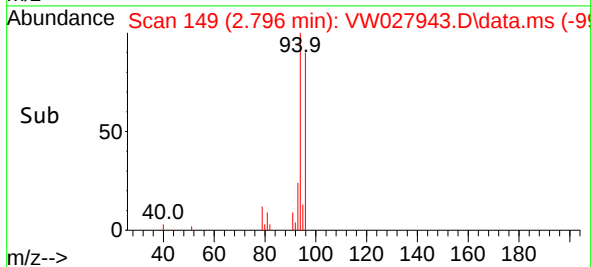
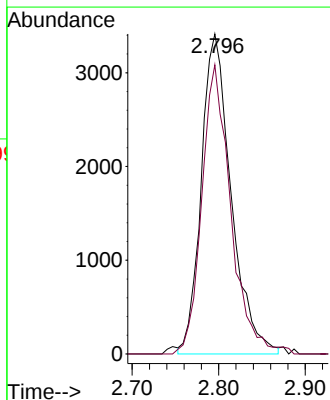
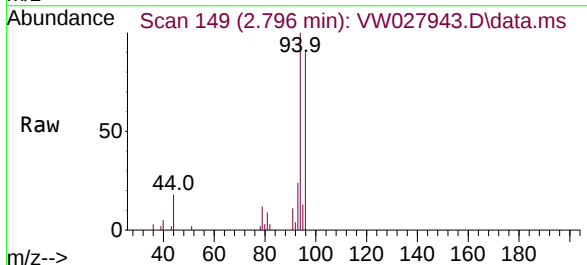
Instrument :
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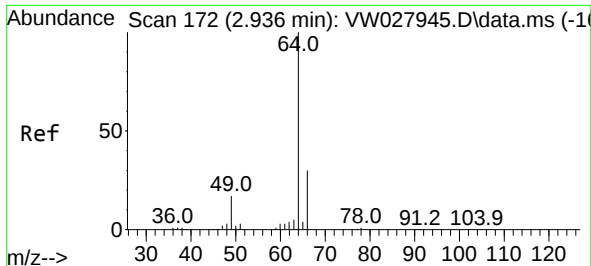
Tgt Ion: 62 Resp: 11688
 Ion Ratio Lower Upper
 62 100
 64 30.8 23.0 42.6



#6
 Bromomethane
 Concen: 3.019 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027943.D
 Acq: 05 Feb 2024 09:43

Tgt Ion: 94 Resp: 8183
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.3 121.3

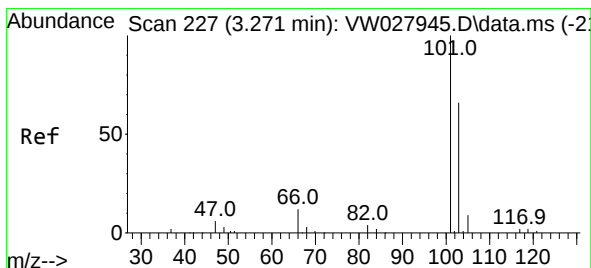
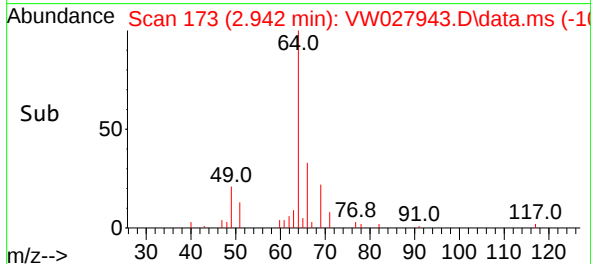
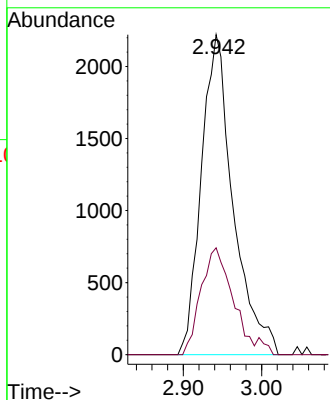
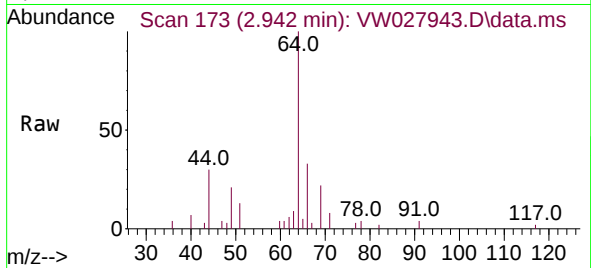




#8
Chloroethane
Concen: 2.893 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

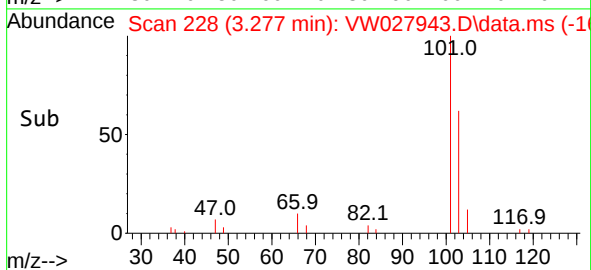
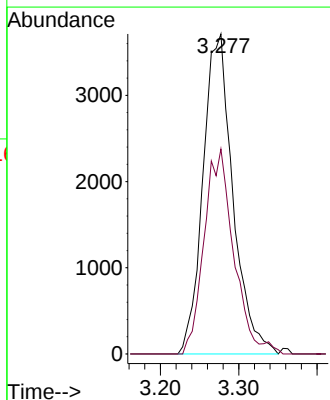
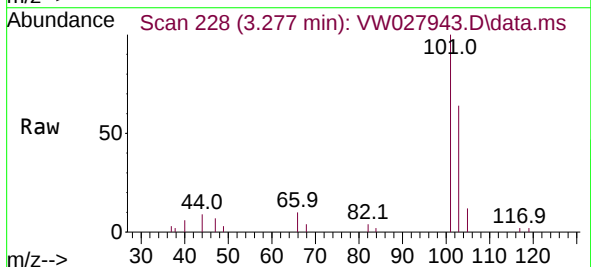
Instrument :
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ClientSampleId :

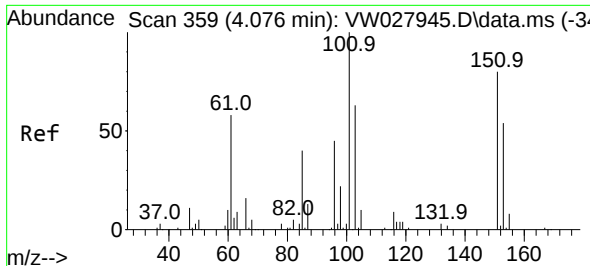
Tgt Ion: 64 Resp: 6271
Ion Ratio Lower Upper
64 100
66 33.4 20.9 38.7



#9
Trichlorofluoromethane
Concen: 2.822 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion:101 Resp: 9839
Ion Ratio Lower Upper
101 100
103 62.1 51.6 77.4

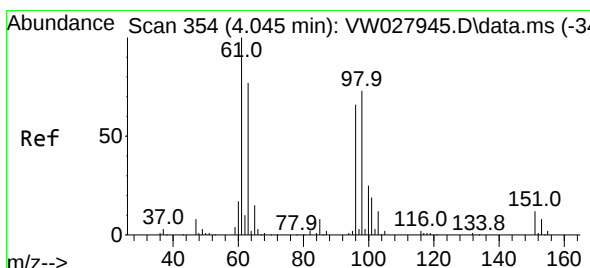
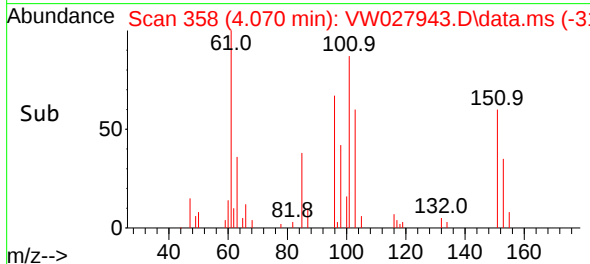
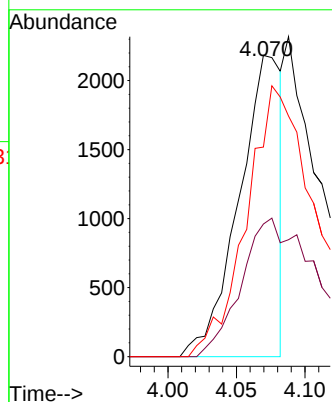
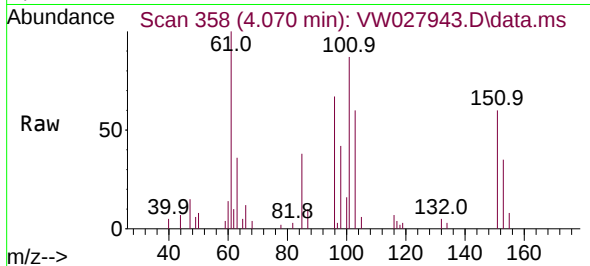




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.349 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027943.D
 Acq: 05 Feb 2024 09:43

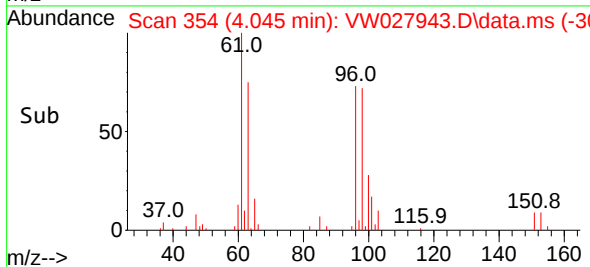
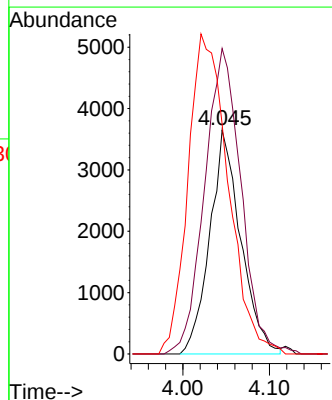
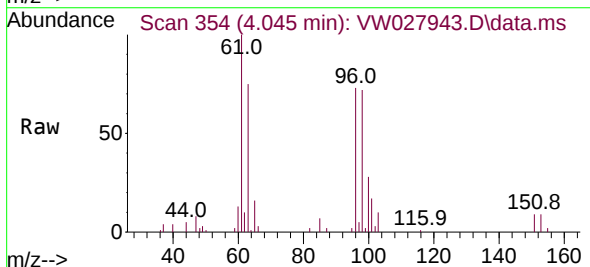
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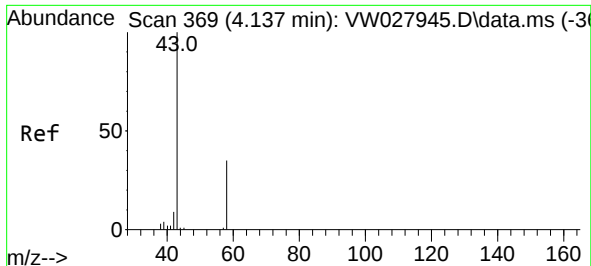
Tgt Ion:101 Resp: 4691
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.8 50.6
 151 154.5 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 2.769 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027943.D
 Acq: 05 Feb 2024 09:43

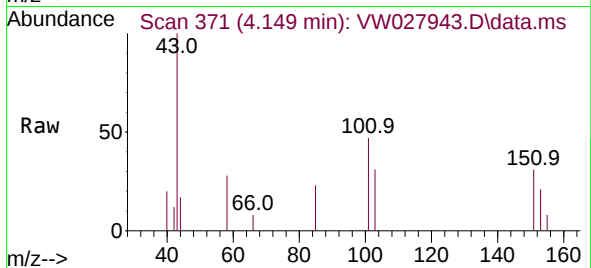
Tgt Ion: 96 Resp: 9052
 Ion Ratio Lower Upper
 96 100
 61 136.5 107.4 199.4
 63 102.8 86.0 159.6



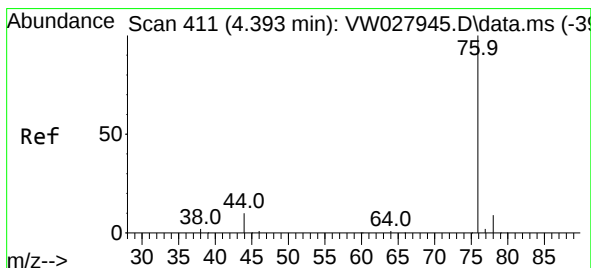
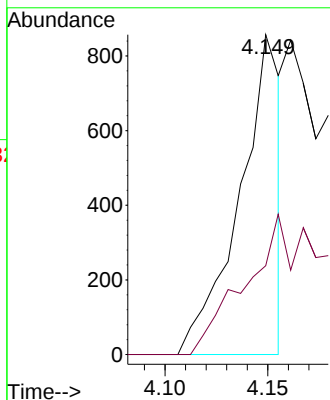
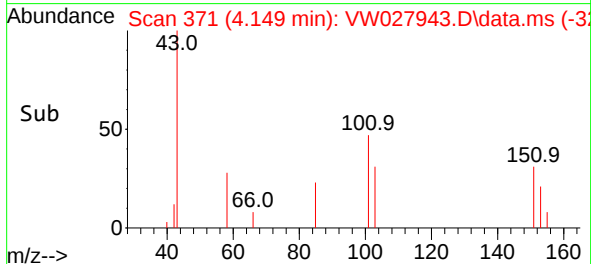


#13
Acetone
Concen: 2.276 ug/L
RT: 4.149 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

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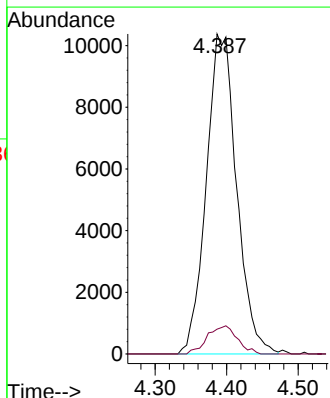
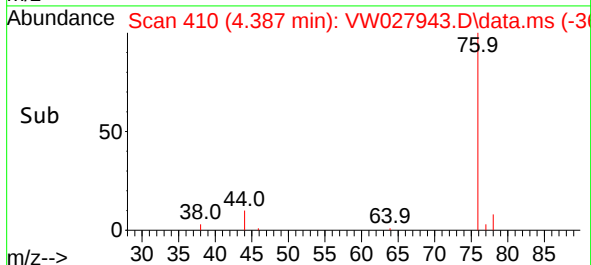
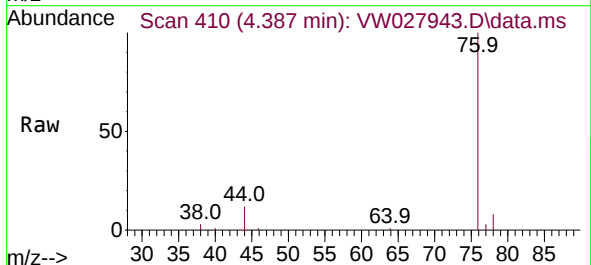


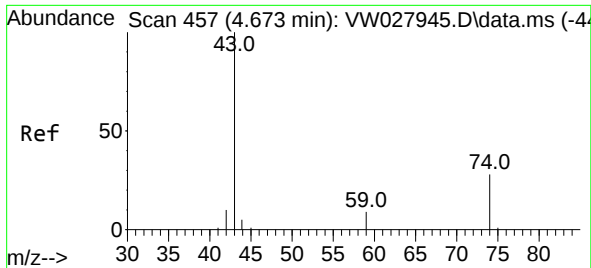
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 47.3 0.0 66.0



#14
Carbon disulfide
Concen: 3.162 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 76 Resp: 30596
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

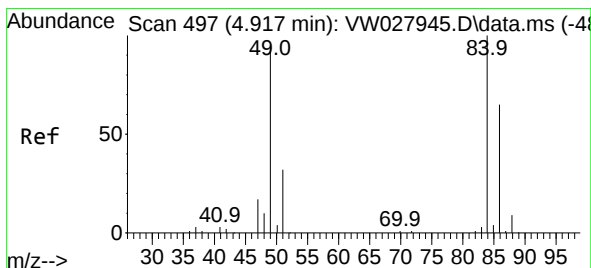
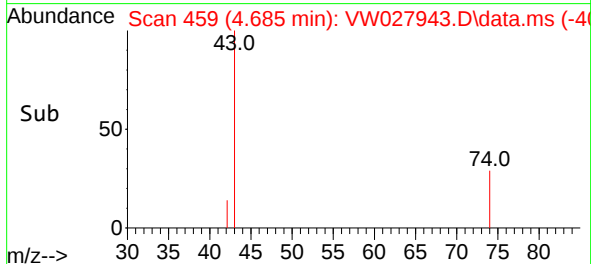
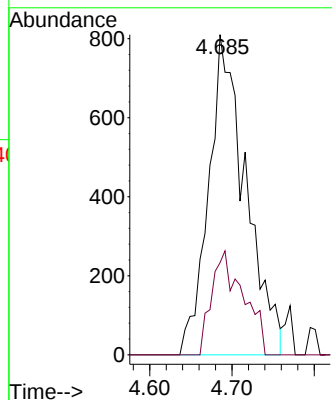
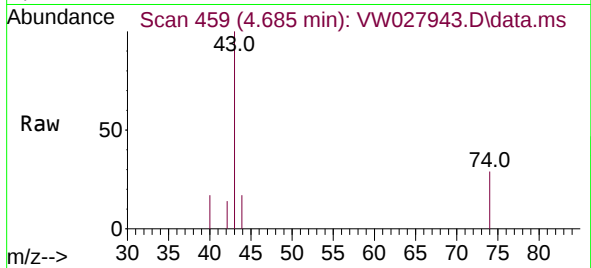




#15
Methyl Acetate
Concen: 2.886 ug/L
RT: 4.685 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

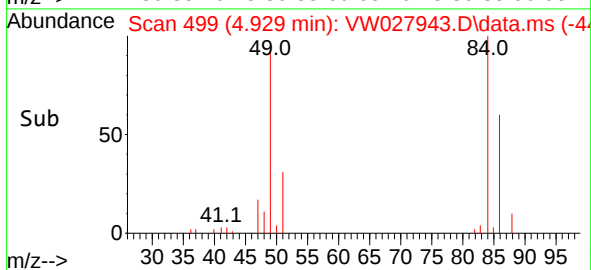
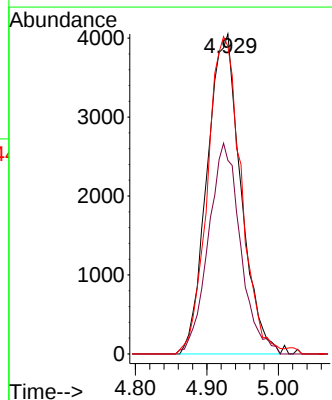
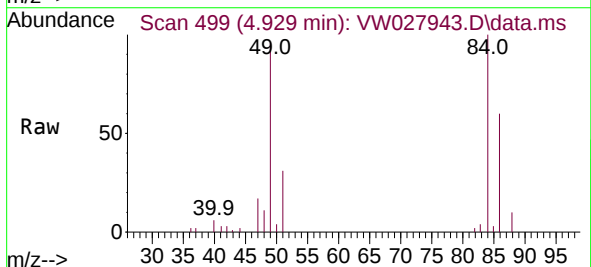
Instrument :
MSVOA_W
ClientSampleId :

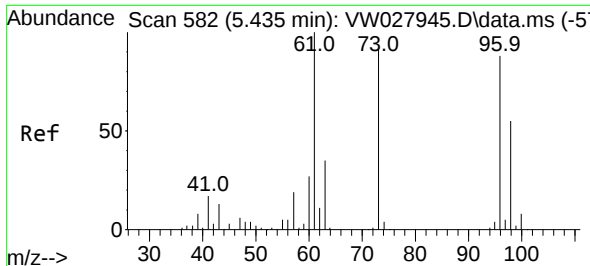
Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
74 15.6 24.2 36.2#



#16
Methylene chloride
Concen: 3.545 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 84 Resp: 13261
Ion Ratio Lower Upper
84 100
86 60.5 45.4 84.4
49 96.2 66.3 123.1





#17

trans-1,2-Dichloroethene

Concen: 2.895 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

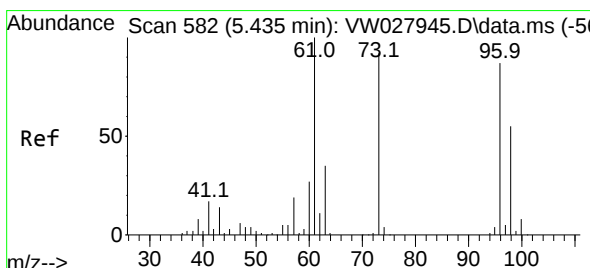
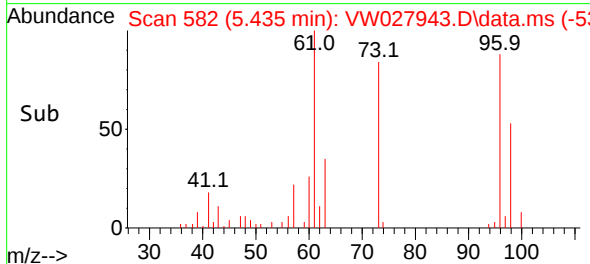
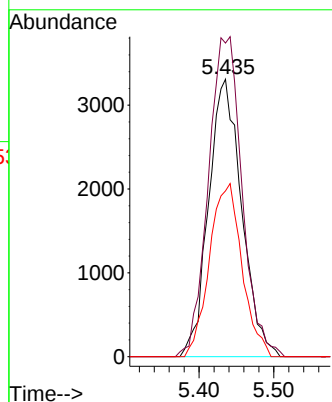
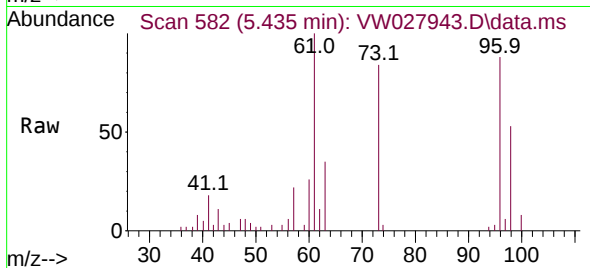
Tgt Ion: 96 Resp: 10167

Ion Ratio Lower Upper

96 100

61 113.0 80.1 148.7

98 59.7 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 2.767 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

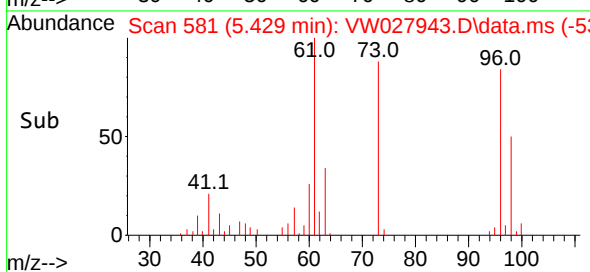
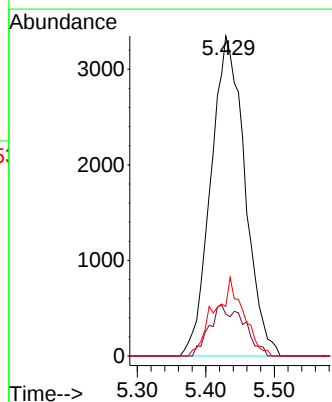
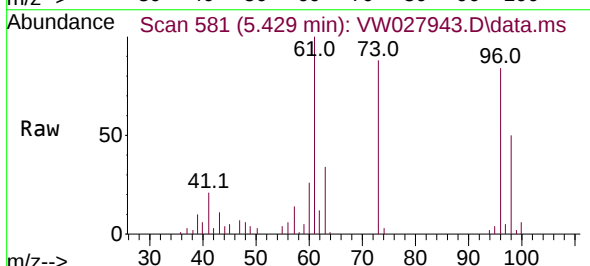
Tgt Ion: 73 Resp: 11520

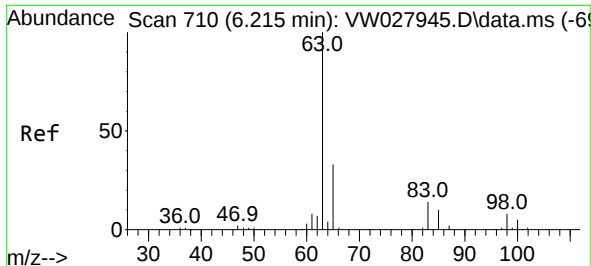
Ion Ratio Lower Upper

73 100

43 0.0 13.4 20.0#

57 11.2 16.3 24.5#

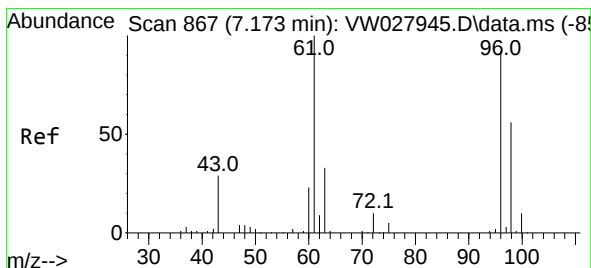
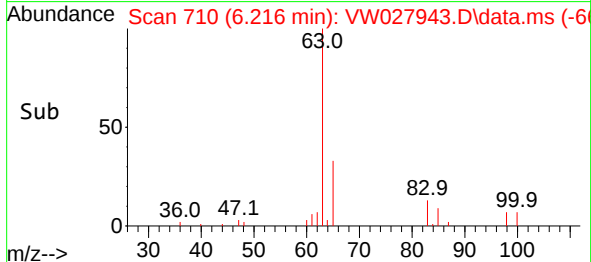
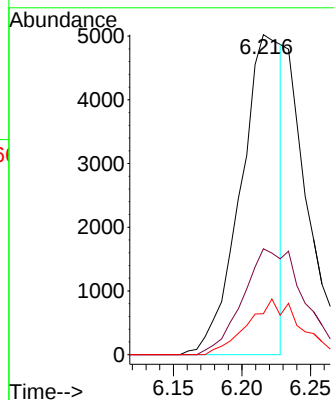
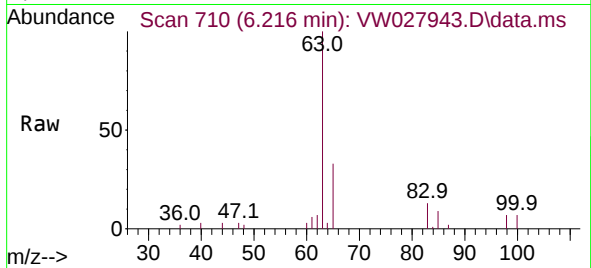




#19
1,1-Dichloroethane
Concen: 1.819 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

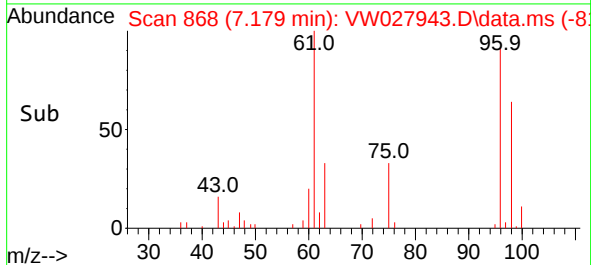
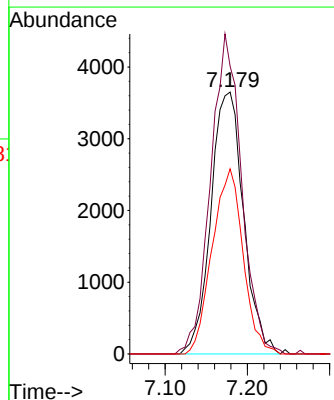
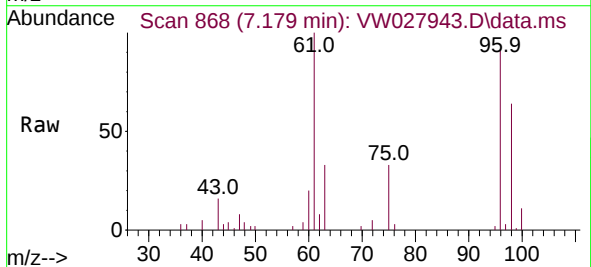
Instrument :
MSVOA_W
ClientSampleId :

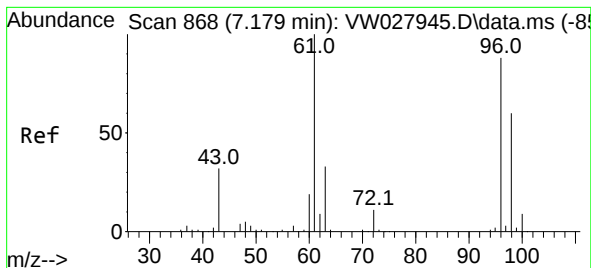
Tgt Ion: 63 Resp: 10380
Ion Ratio Lower Upper
63 100
65 33.1 23.1 42.9
83 12.8 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 2.713 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 96 Resp: 10061
Ion Ratio Lower Upper
96 100
61 109.8 76.3 141.7
98 70.7 42.9 79.7





#22

2-Butanone

Concen: 5.220 ug/L

RT: 7.191 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

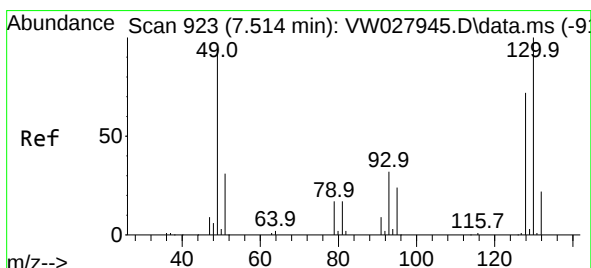
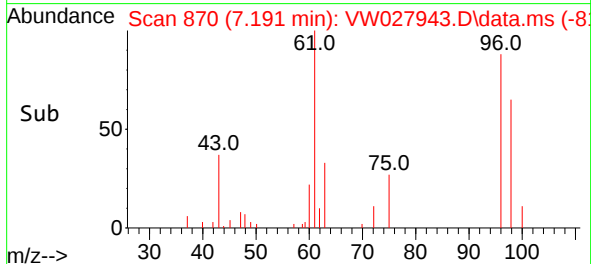
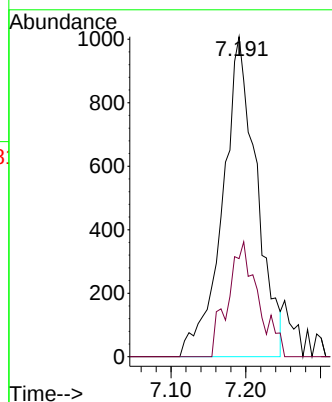
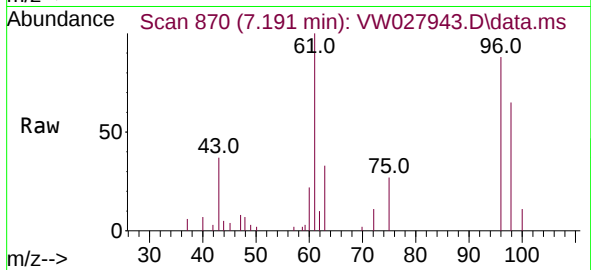
ClientSampleId :

Tgt Ion: 43 Resp: 3191

Ion Ratio Lower Upper

43 100

72 24.0 17.0 50.9



#23

Bromochloromethane

Concen: 2.736 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Tgt Ion: 128 Resp: 4507

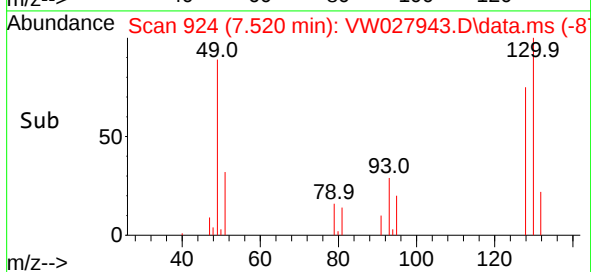
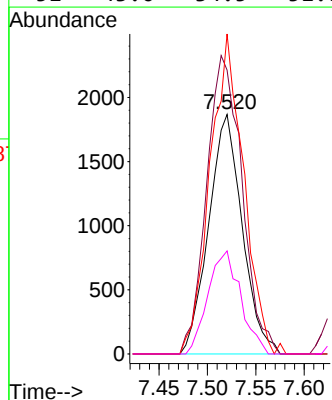
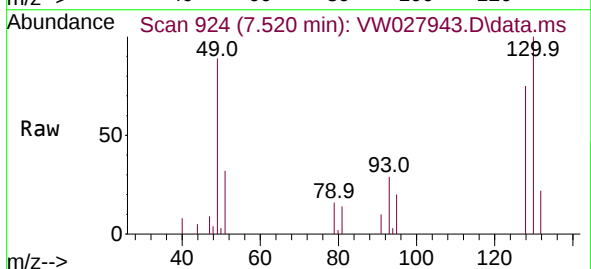
Ion Ratio Lower Upper

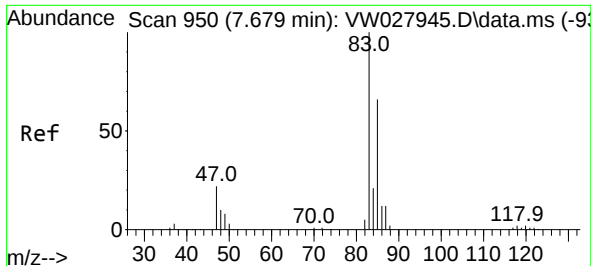
128 100

49 118.5 93.2 173.2

130 133.6 97.4 180.8

51 43.0 34.5 51.7





#25

Chloroform

Concen: 2.815 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

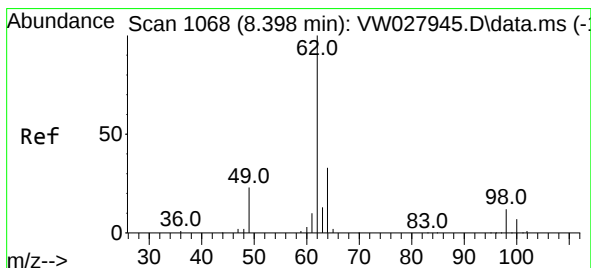
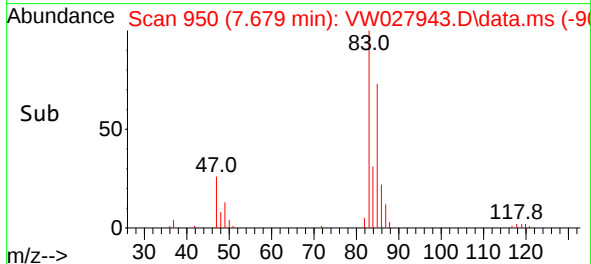
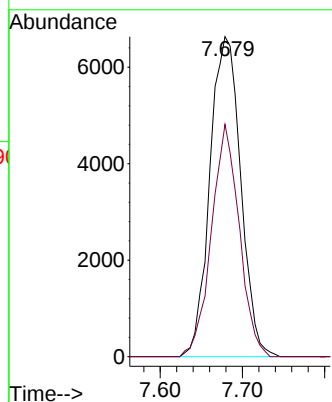
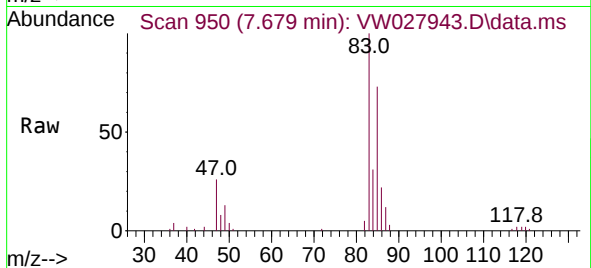
ClientSampleId :

Tgt Ion: 83 Resp: 17268

Ion Ratio Lower Upper

83 100

85 72.6 46.6 86.6



#27

1,2-Dichloroethane

Concen: 2.752 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027943.D

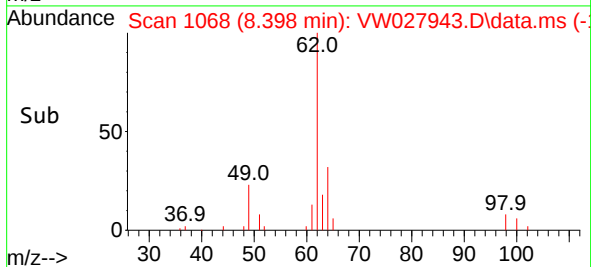
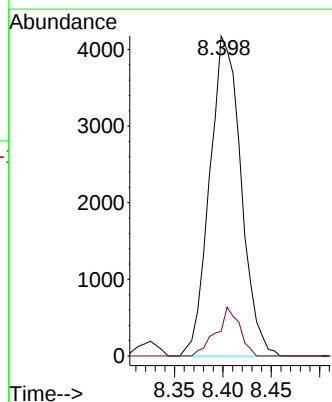
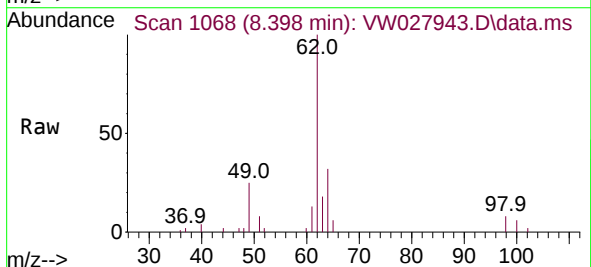
Acq: 05 Feb 2024 09:43

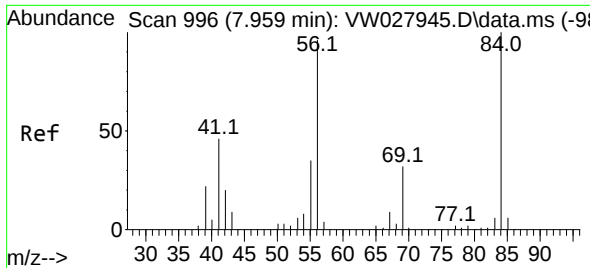
Tgt Ion: 62 Resp: 9401

Ion Ratio Lower Upper

62 100

98 7.7 9.4 14.2#

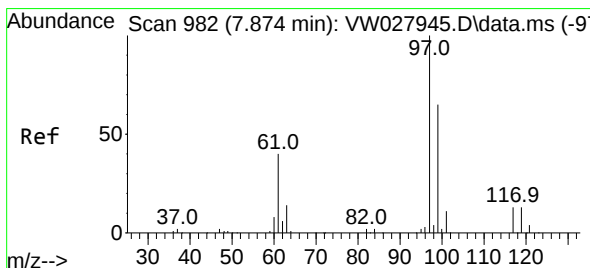
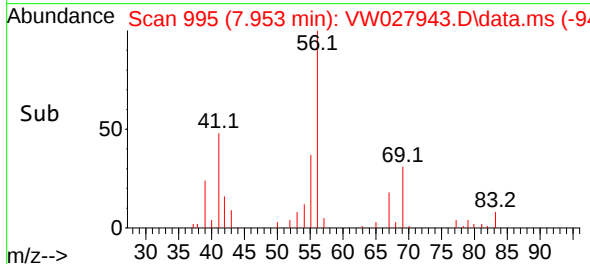
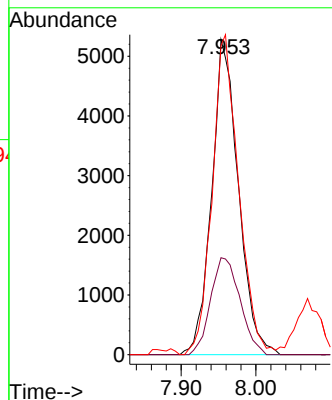
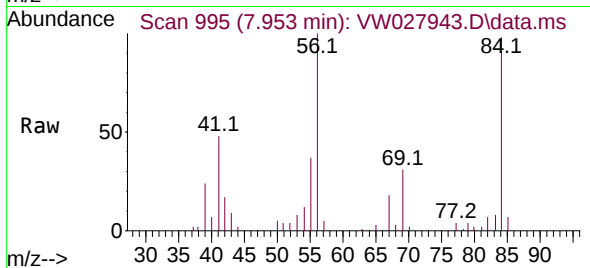




#29
Cyclohexane
Concen: 2.754 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

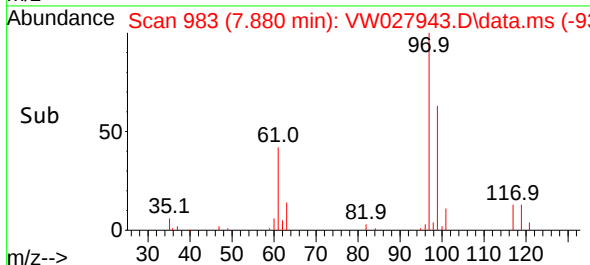
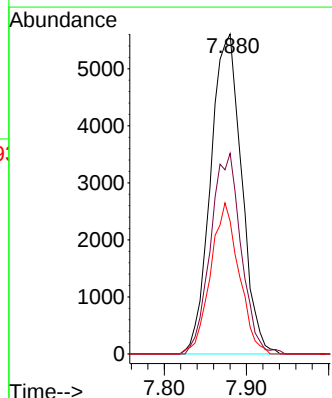
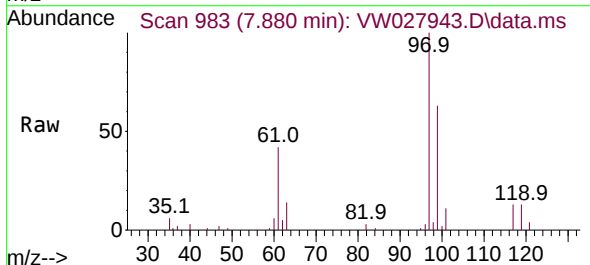
Instrument :
MSVOA_W
ClientSampleId :

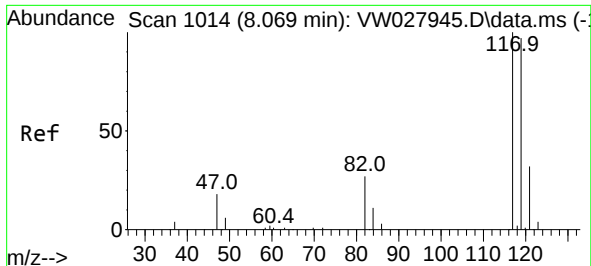
Tgt Ion: 56 Resp: 13126
Ion Ratio Lower Upper
56 100
69 33.9 26.3 39.5
84 100.4 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 2.843 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

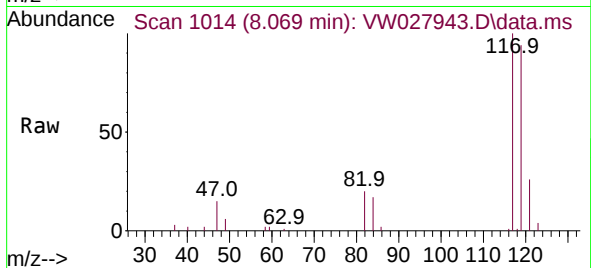
Tgt Ion: 97 Resp: 14679
Ion Ratio Lower Upper
97 100
99 61.5 51.4 77.0
61 43.5 32.9 49.3



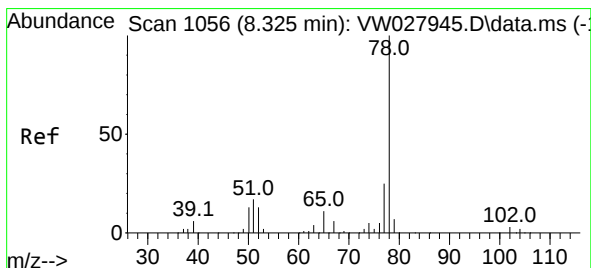
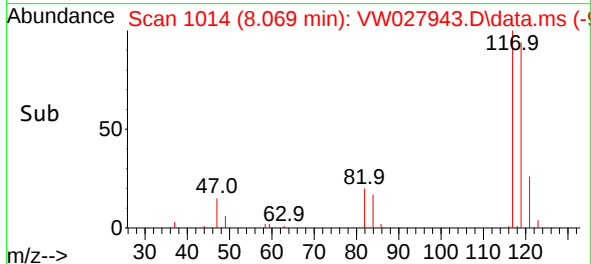
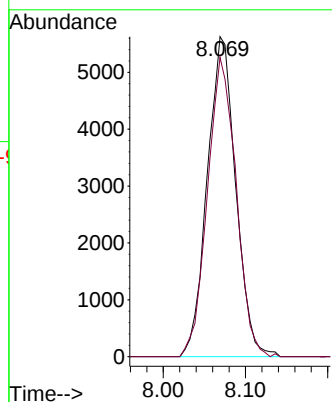


#31
Carbon tetrachloride
Concen: 2.835 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Instrument :
MSVOA_W
ClientSampleId :

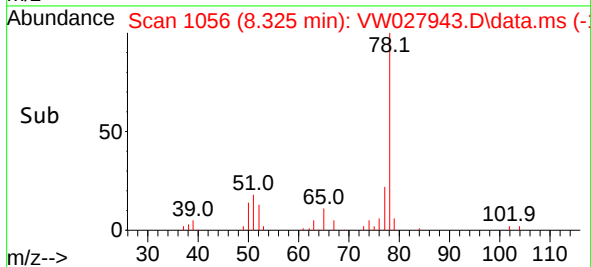
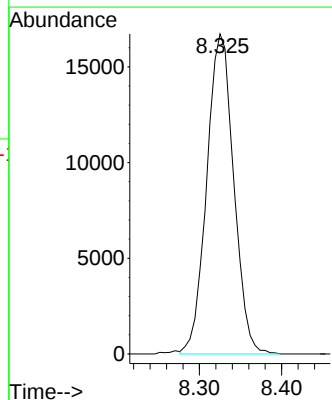
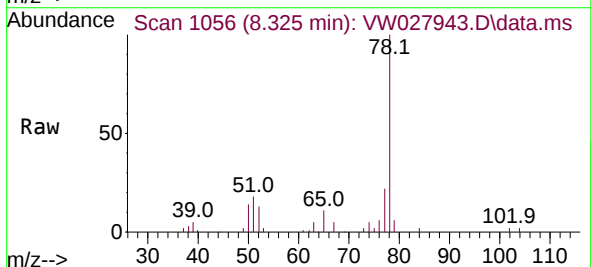


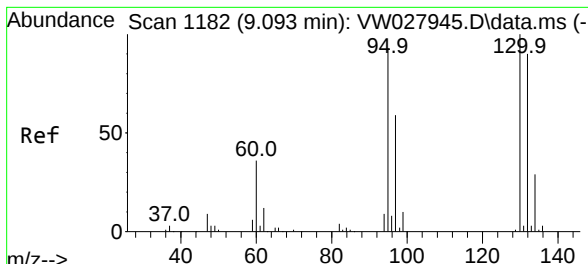
Tgt Ion:117 Resp: 13542
Ion Ratio Lower Upper
117 100
119 93.9 76.5 114.7



#33
Benzene
Concen: 2.853 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

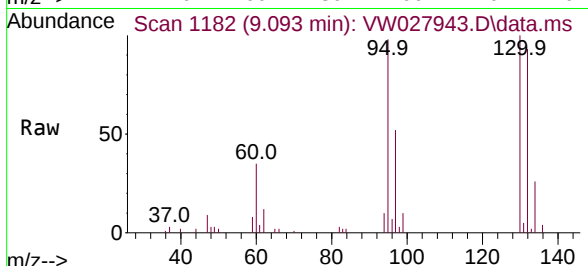
Tgt Ion: 78 Resp: 38107





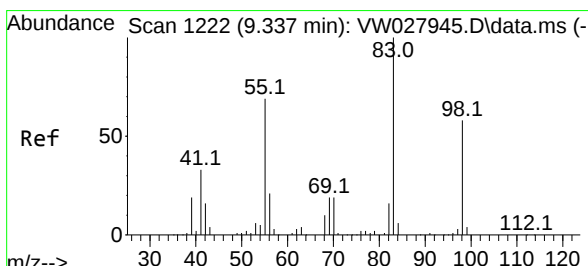
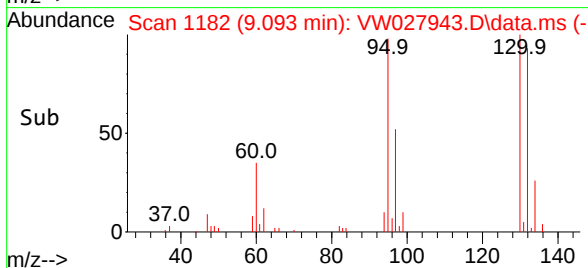
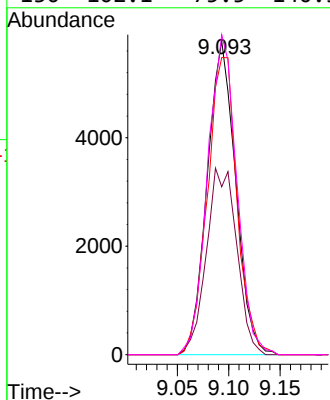
#34
Trichloroethene
Concen: 2.906 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 11143

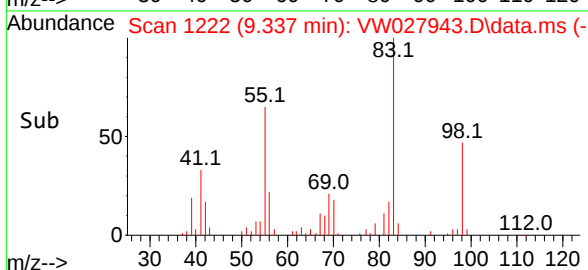
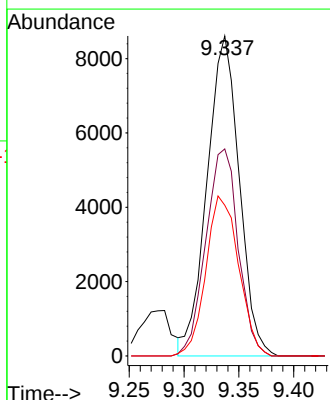
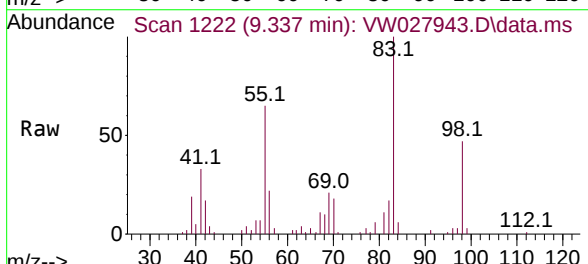
Ion	Ratio	Lower	Upper
95	100		
97	53.6	44.3	82.3
132	94.8	68.0	126.2
130	102.1	75.5	140.3

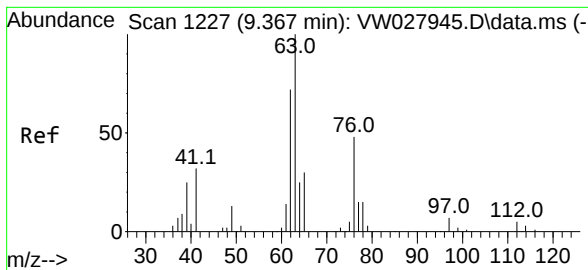


#35
Methylcyclohexane
Concen: 2.785 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 83 Resp: 17576

Ion	Ratio	Lower	Upper
83	100		
55	65.1	52.3	78.5
98	51.0	41.9	62.9

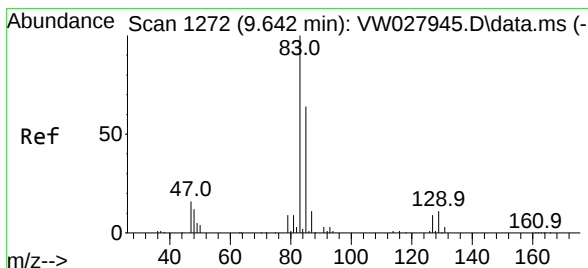
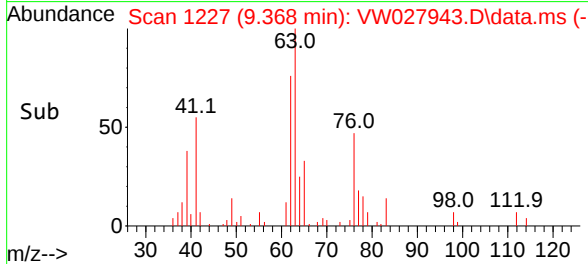
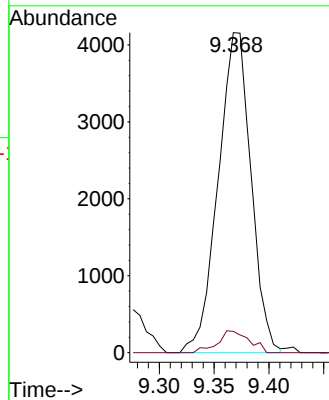
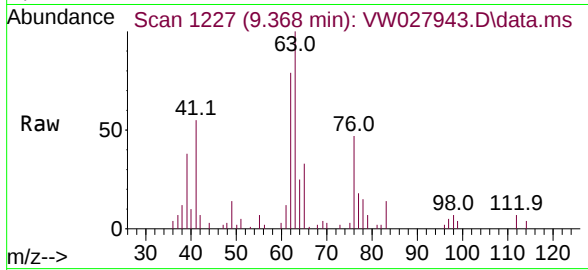




#37
1,2-Dichloropropane
Concen: 2.763 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

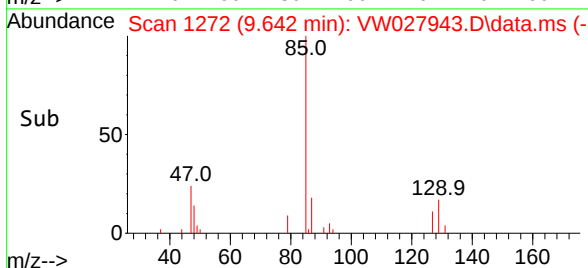
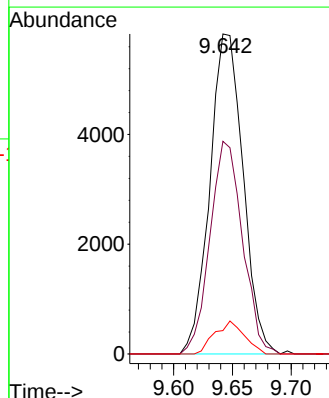
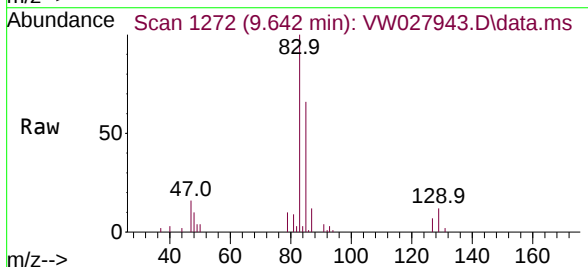
Instrument :
MSVOA_W
ClientSampleId :

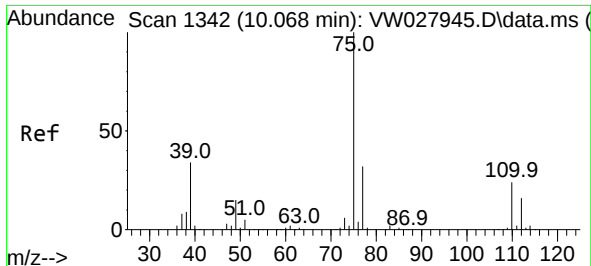
Tgt Ion: 63 Resp: 8673
Ion Ratio Lower Upper
63 100
112 6.0 4.2 6.2



#38
Bromodichloromethane
Concen: 2.737 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion: 83 Resp: 11469
Ion Ratio Lower Upper
83 100
85 66.4 44.7 83.1
127 7.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 2.558 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

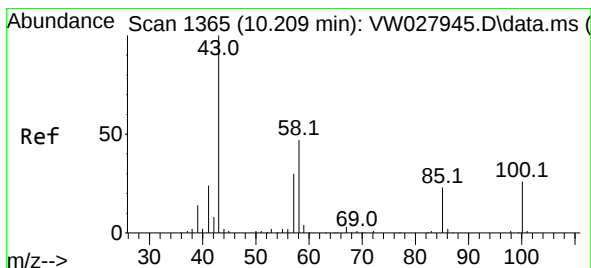
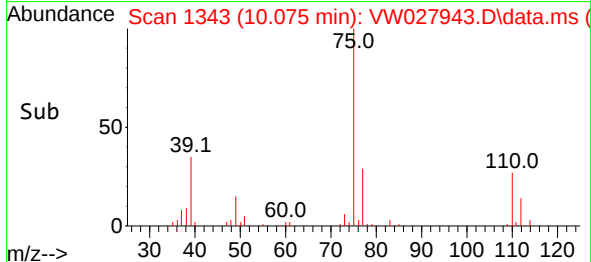
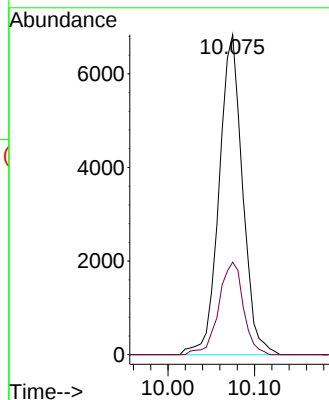
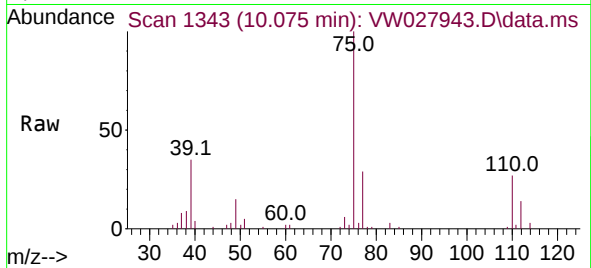
ClientSampleId :

Tgt Ion: 75 Resp: 12868

Ion Ratio Lower Upper

75 100

77 28.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 5.219 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

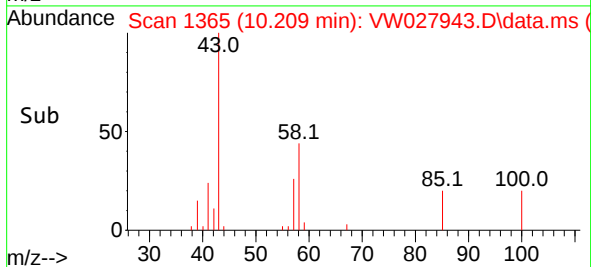
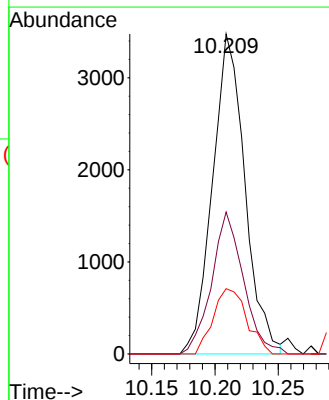
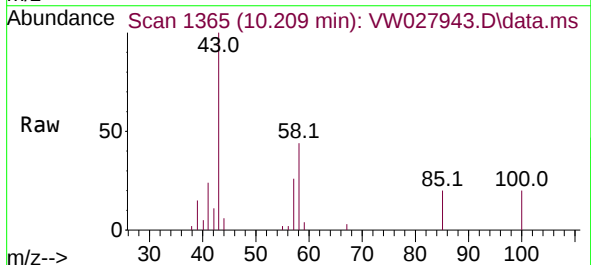
Tgt Ion: 43 Resp: 6183

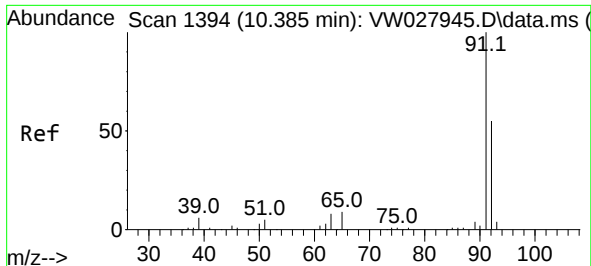
Ion Ratio Lower Upper

43 100

58 43.5 36.7 55.1

100 21.2 18.4 27.6





#42

Toluene

Concen: 2.766 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

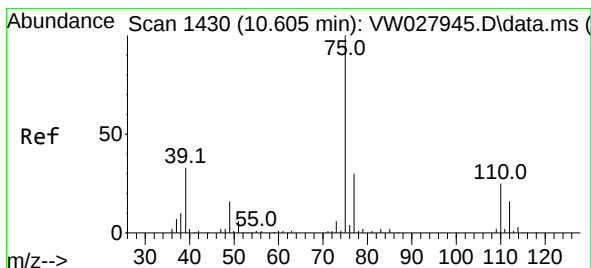
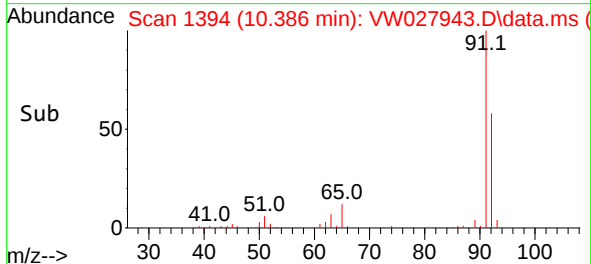
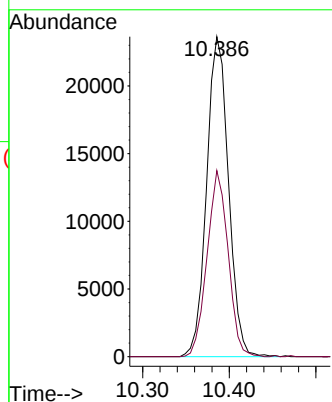
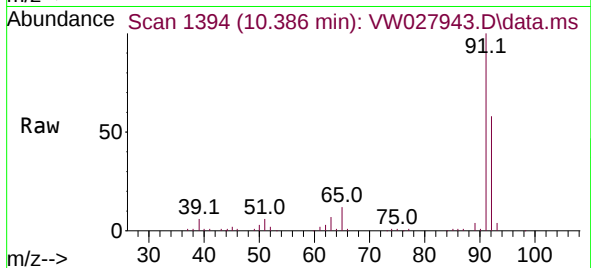
ClientSampleId :

Tgt Ion: 91 Resp: 41428

Ion Ratio Lower Upper

91 100

92 58.1 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 2.453 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027943.D

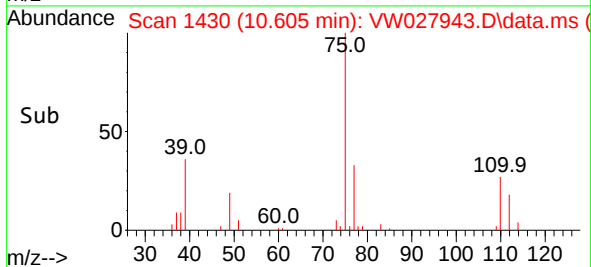
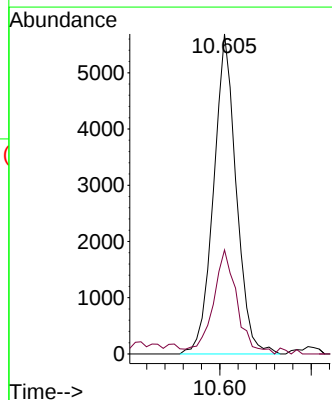
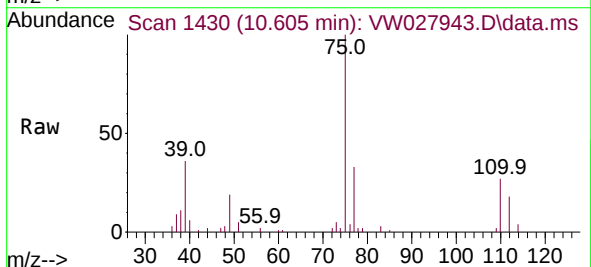
Acq: 05 Feb 2024 09:43

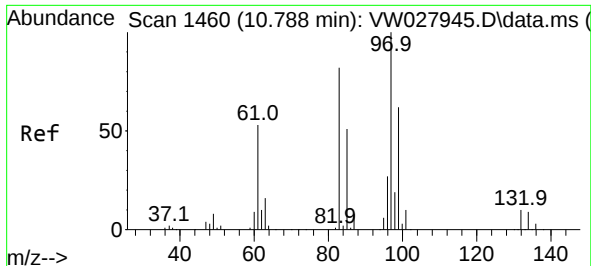
Tgt Ion: 75 Resp: 9794

Ion Ratio Lower Upper

75 100

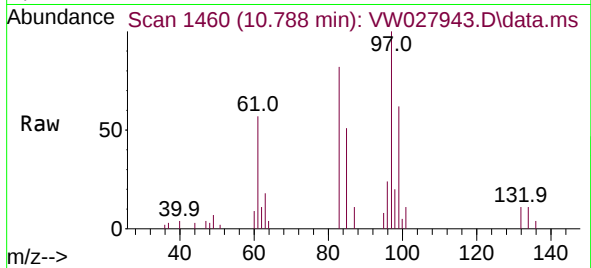
77 32.5 21.5 39.9



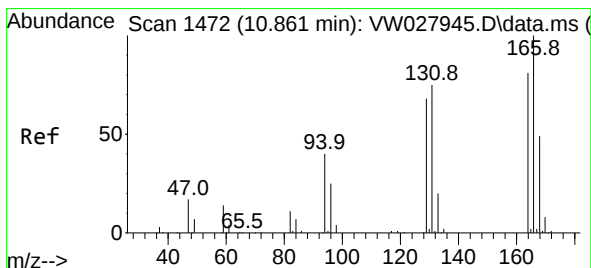
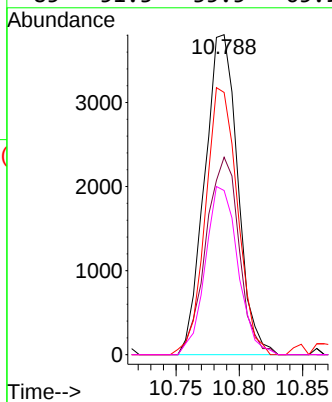
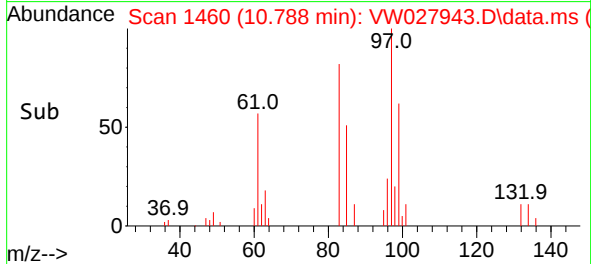


#45
1,1,2-Trichloroethane
Concen: 2.784 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

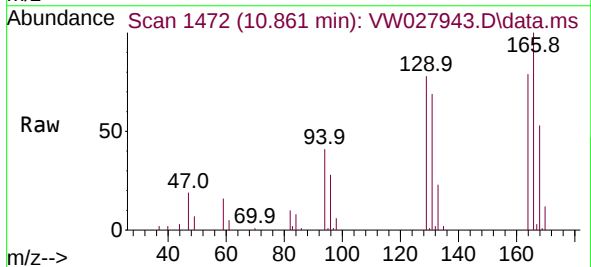
Instrument :
MSVOA_W
ClientSampleId :



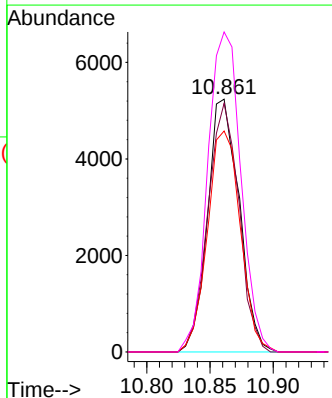
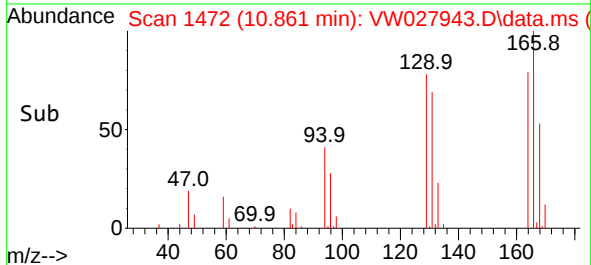
Tgt Ion:	97	Resp:	6918
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.3	80.5
83	81.9	57.2	106.2
85	51.3	35.5	65.9

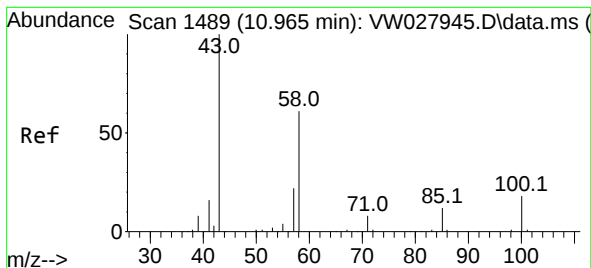


#46
Tetrachloroethene
Concen: 2.819 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43



Tgt Ion:	164	Resp:	9096
Ion	Ratio	Lower	Upper
164	100		
129	98.3	59.4	110.2
131	87.4	65.0	120.6
166	126.5	86.7	161.1





#48

2-Hexanone

Concen: 5.382 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

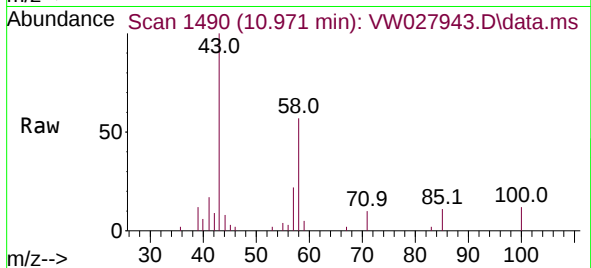
Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 4830

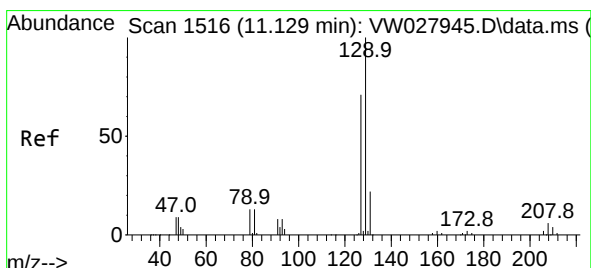
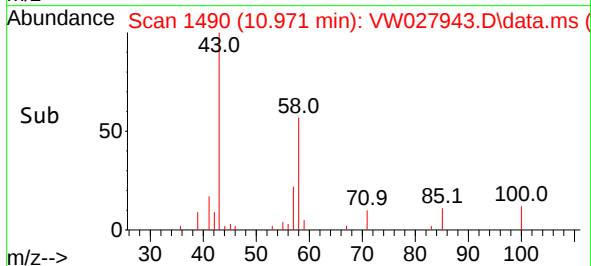
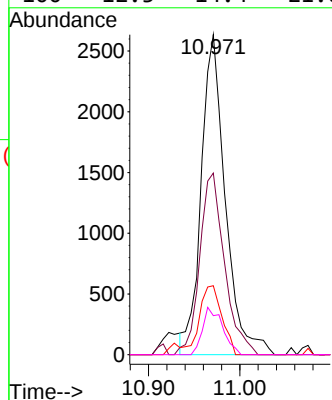
Ion Ratio Lower Upper

43 100

58 58.2 51.4 77.2

57 19.8 17.4 26.2

100 12.3 14.4 21.6#



#49

Dibromochloromethane

Concen: 2.675 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027943.D

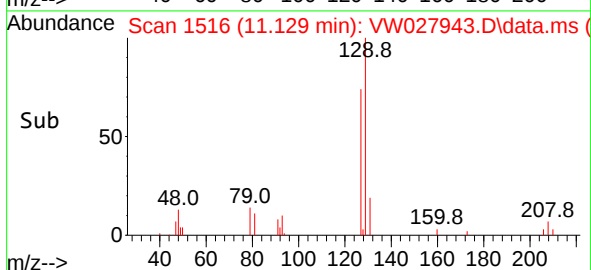
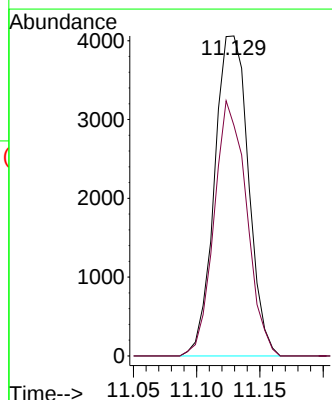
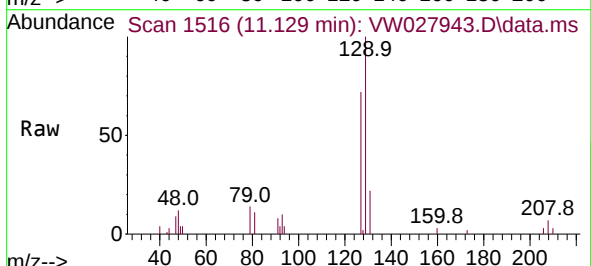
Acq: 05 Feb 2024 09:43

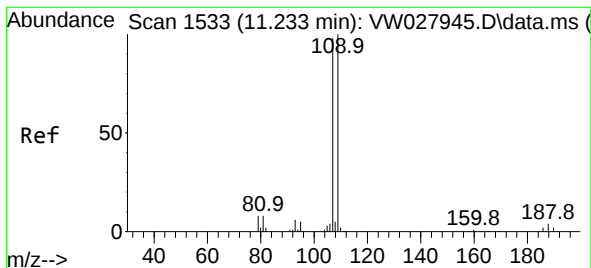
Tgt Ion: 129 Resp: 7577

Ion Ratio Lower Upper

129 100

127 72.0 49.6 92.0





#50

1,2-Dibromoethane

Concen: 2.701 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

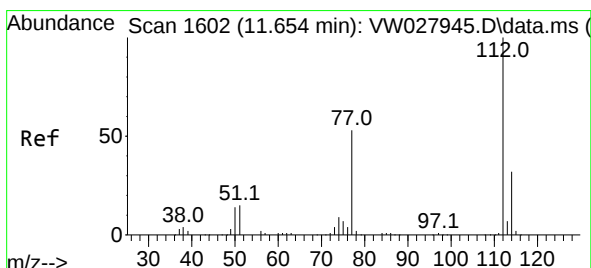
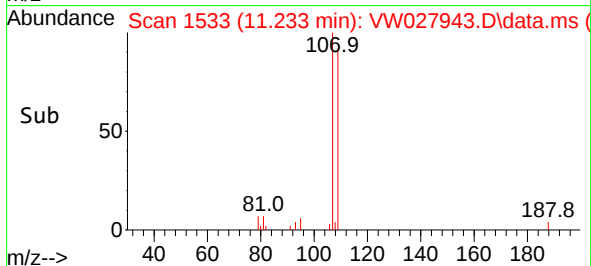
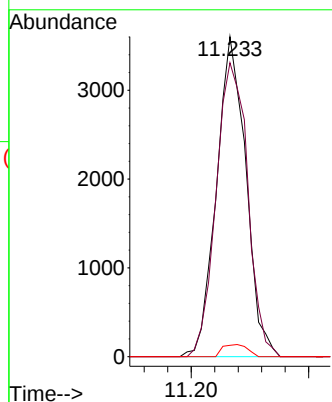
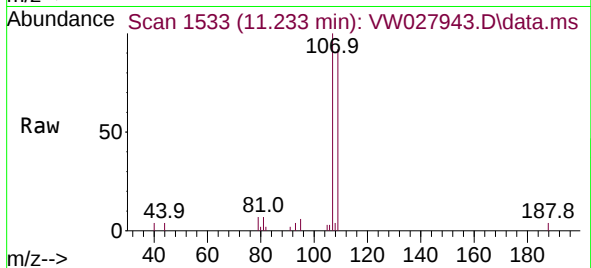
Tgt Ion:107 Resp: 6265

Ion Ratio Lower Upper

107 100

109 91.9 71.2 132.2

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 2.770 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

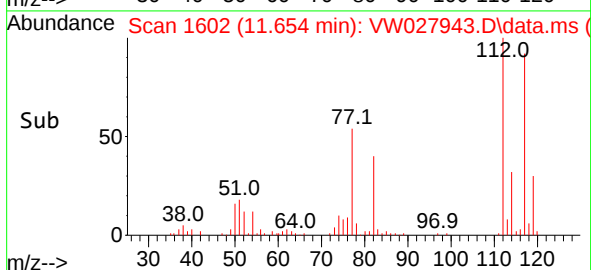
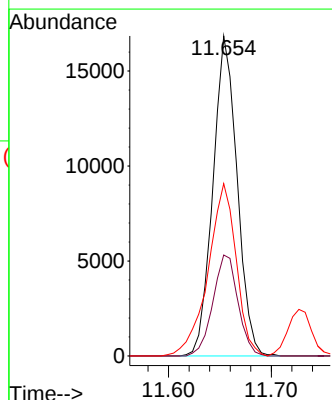
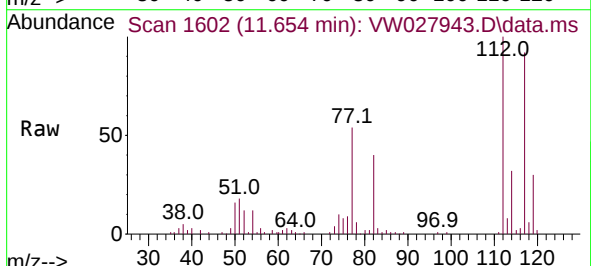
Tgt Ion:112 Resp: 27590

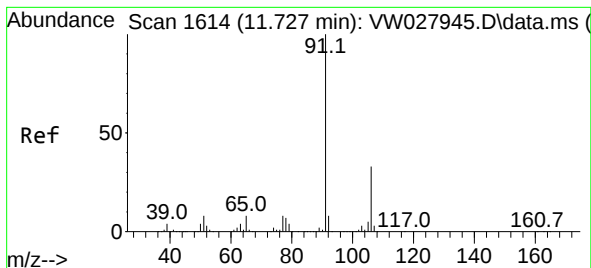
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

77 53.8 42.6 64.0





#52

Ethylbenzene

Concen: 2.724 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

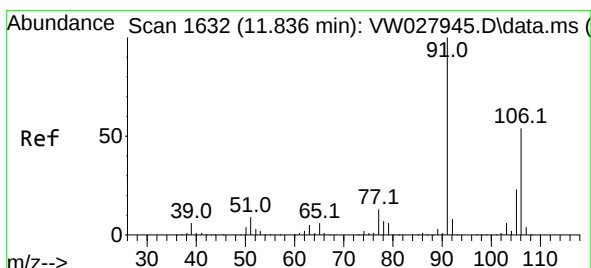
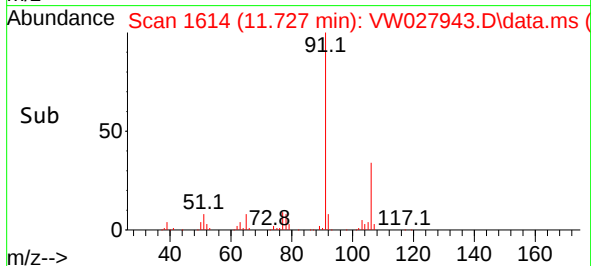
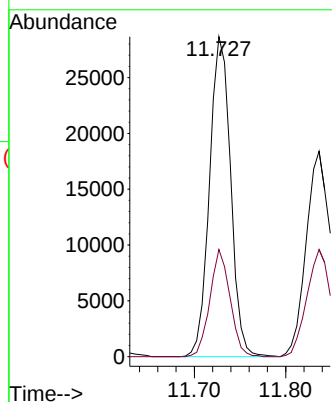
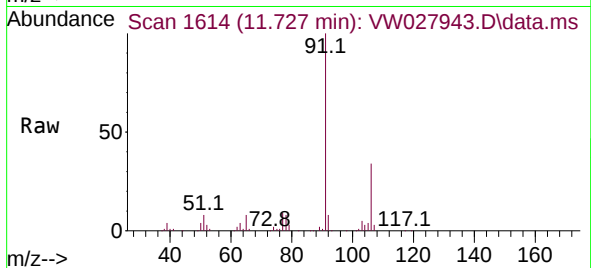
ClientSampleId :

Tgt Ion: 91 Resp: 45994

Ion Ratio Lower Upper

91 100

106 33.5 22.8 42.4



#53

m,p-Xylene

Concen: 2.690 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW027943.D

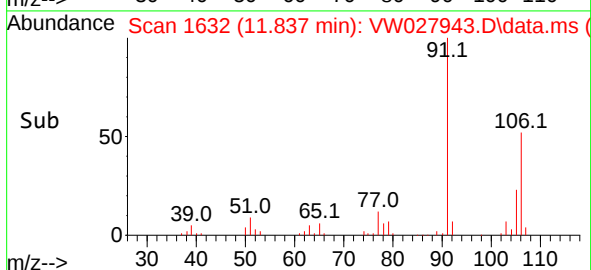
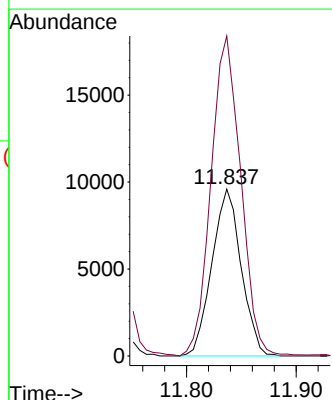
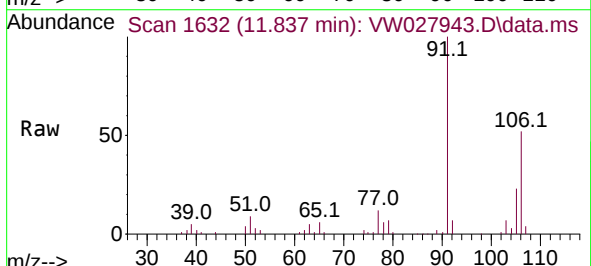
Acq: 05 Feb 2024 09:43

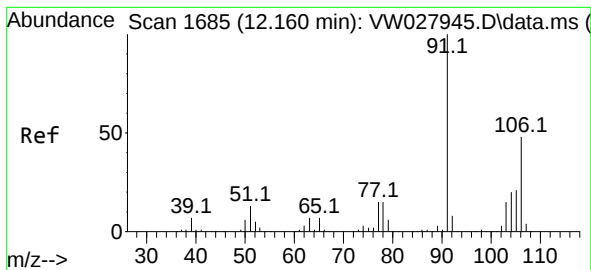
Tgt Ion:106 Resp: 17816

Ion Ratio Lower Upper

106 100

91 191.7 130.0 241.4





#54

o-Xylene

Concen: 2.601 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

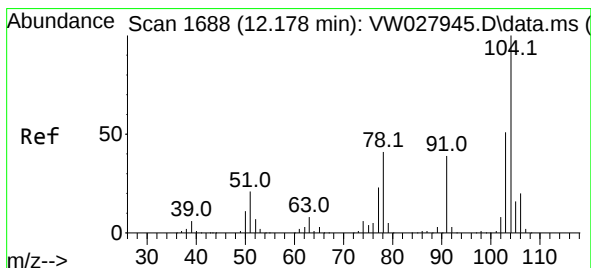
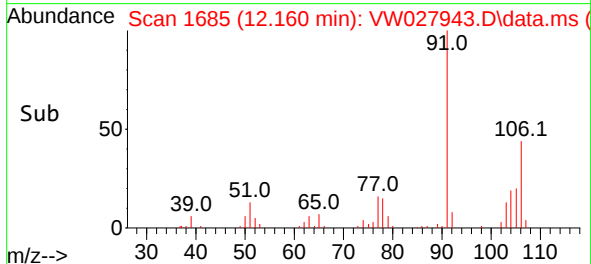
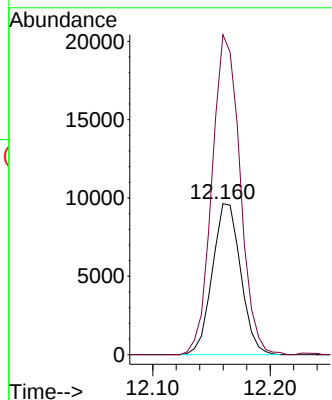
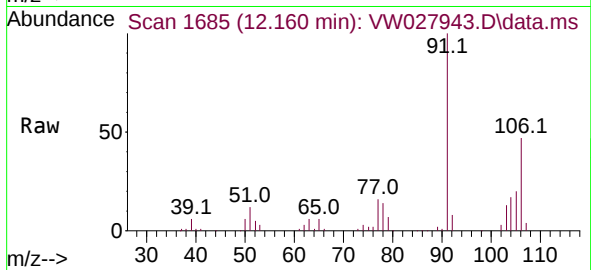
ClientSampleId :

Tgt Ion:106 Resp: 16153

Ion Ratio Lower Upper

106 100

91 211.9 146.4 272.0



#55

Styrene

Concen: 2.542 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027943.D

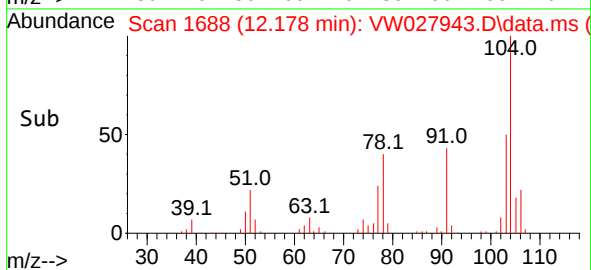
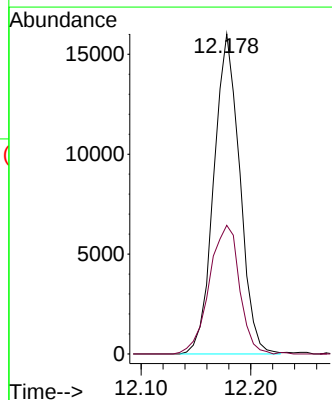
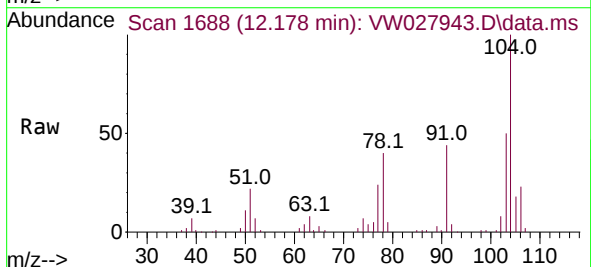
Acq: 05 Feb 2024 09:43

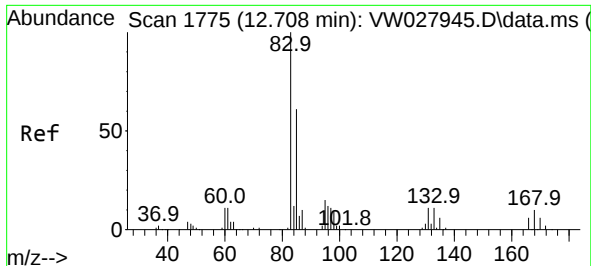
Tgt Ion:104 Resp: 26301

Ion Ratio Lower Upper

104 100

78 40.2 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.655 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027943.D

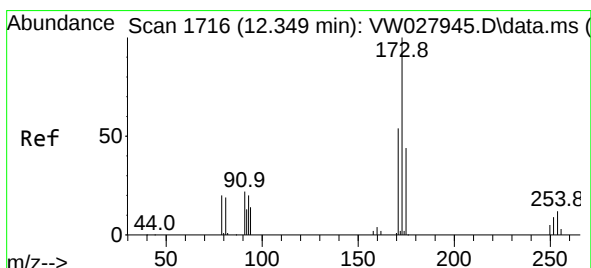
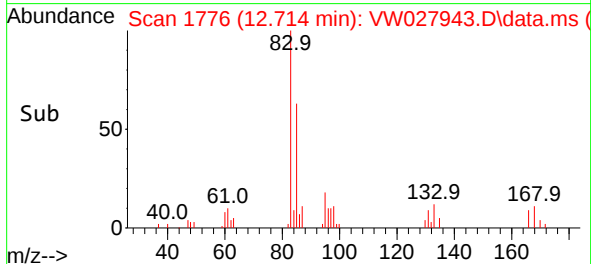
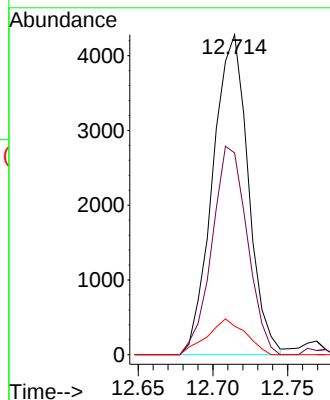
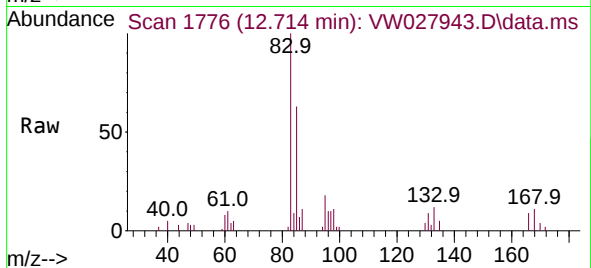
Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	7065
Ion	Ratio	Lower	Upper
83	100		
85	63.1	42.9	79.7
131	8.9	8.7	13.1



#59

Bromoform

Concen: 2.607 ug/L

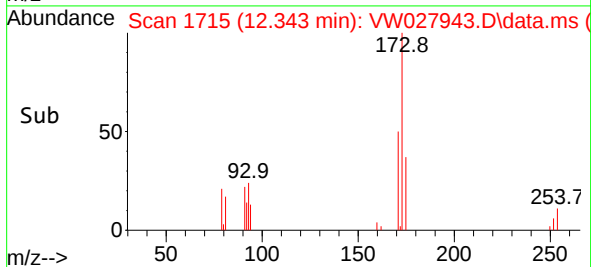
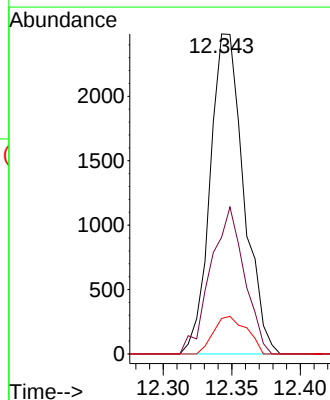
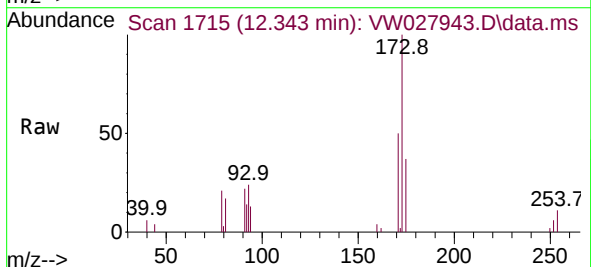
RT: 12.343 min Scan# 1715

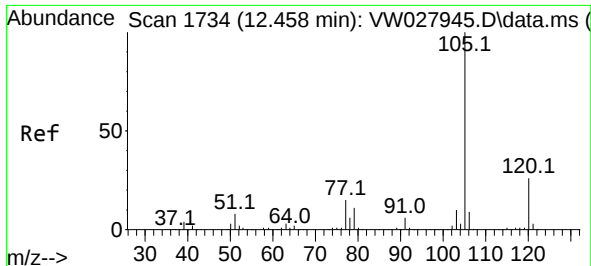
Delta R.T. -0.006 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Tgt Ion:	173	Resp:	4236
Ion	Ratio	Lower	Upper
173	100		
175	46.2	37.8	56.8
254	11.6	8.4	12.6

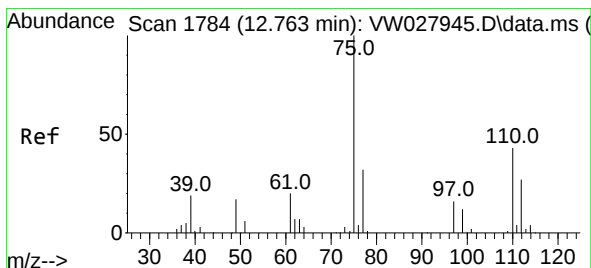
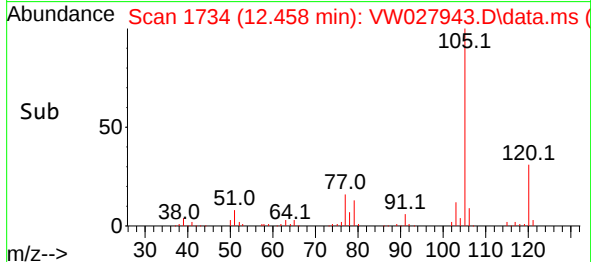
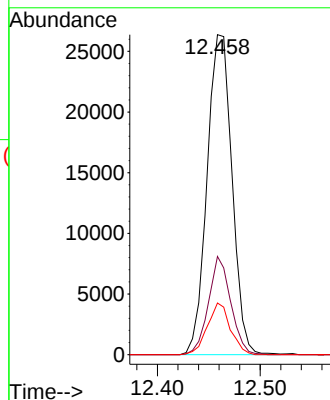
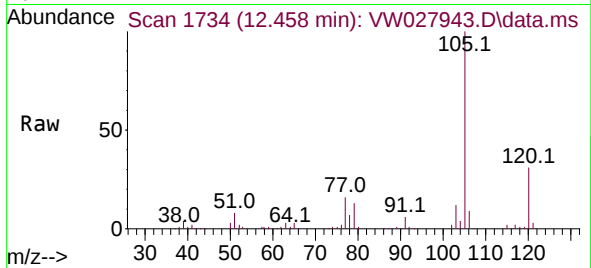




#60
Isopropylbenzene
Concen: 2.591 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

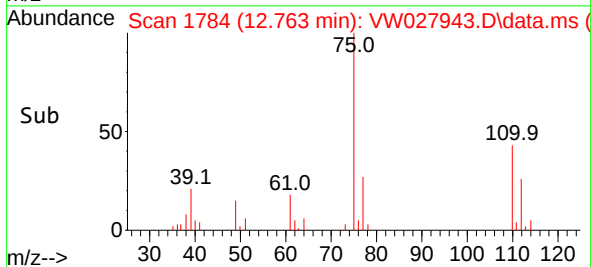
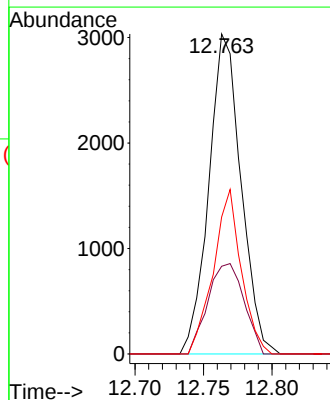
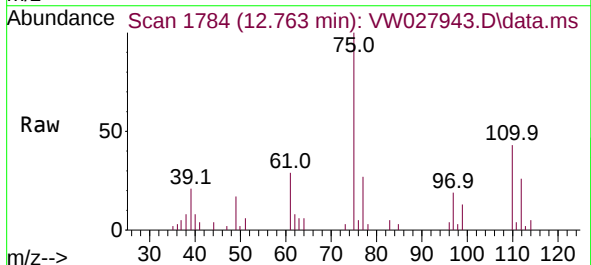
Instrument :
MSVOA_W
ClientSampleId :

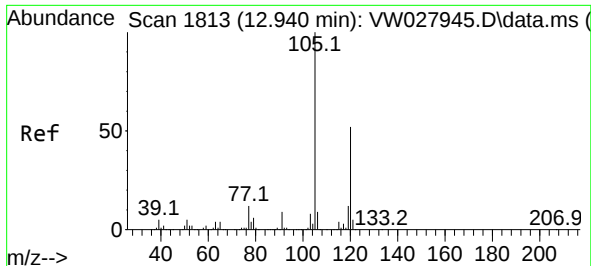
Tgt Ion:105 Resp: 44548
Ion Ratio Lower Upper
105 100
120 27.4 22.2 33.2
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 2.694 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

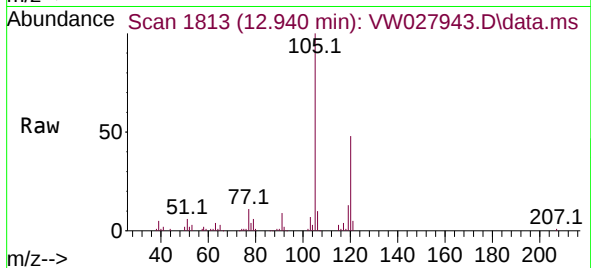
Tgt Ion: 75 Resp: 4950
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
110 44.6 35.8 53.8



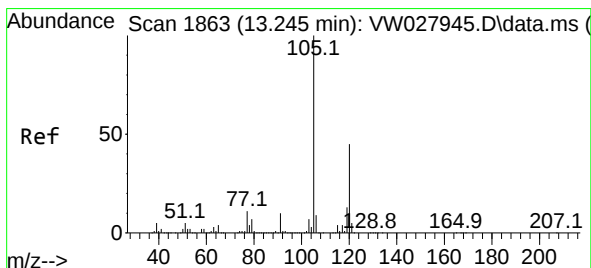
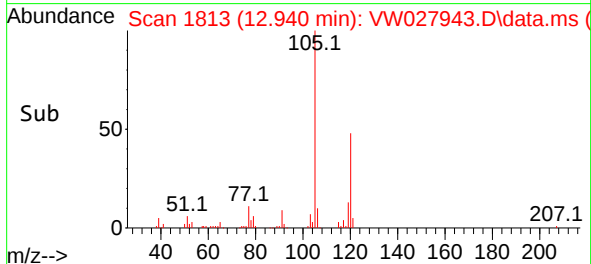
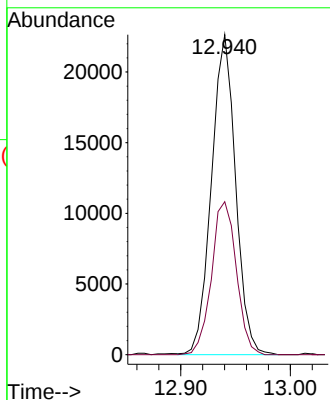


#62
1,3,5-Trimethylbenzene
Concen: 2.516 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Instrument :
MSVOA_W
ClientSampleId :

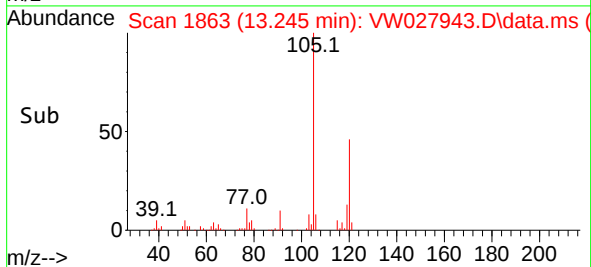
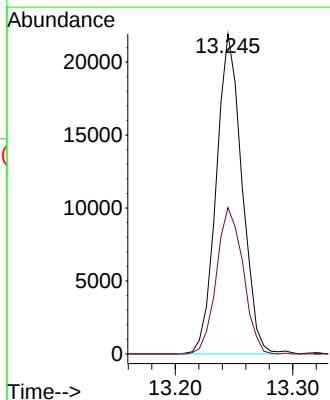
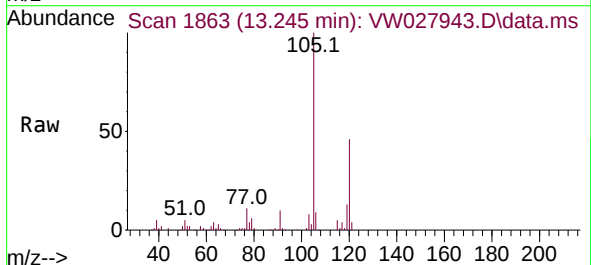


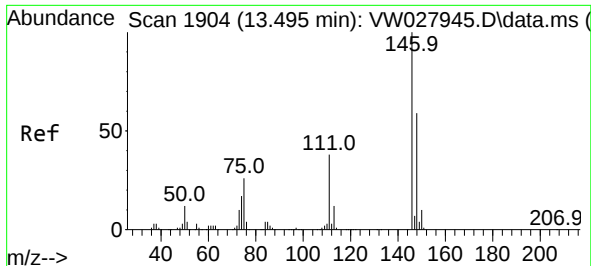
Tgt Ion:105 Resp: 34606
Ion Ratio Lower Upper
105 100
120 49.2 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 2.476 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion:105 Resp: 33336
Ion Ratio Lower Upper
105 100
120 47.4 36.4 54.6

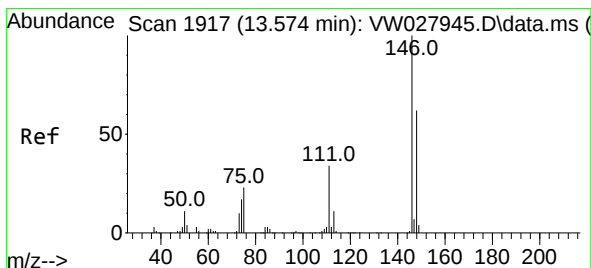
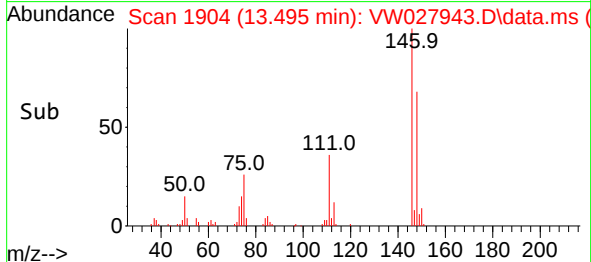
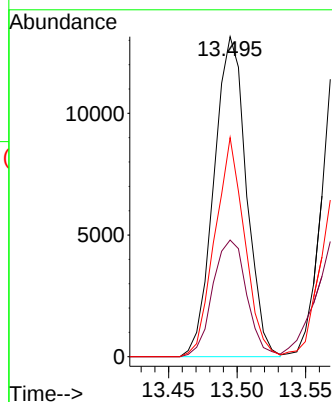
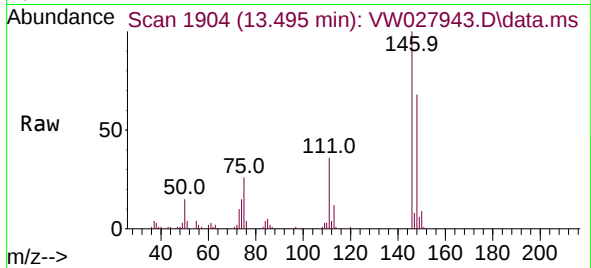




#64
1,3-Dichlorobenzene
Concen: 2.743 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

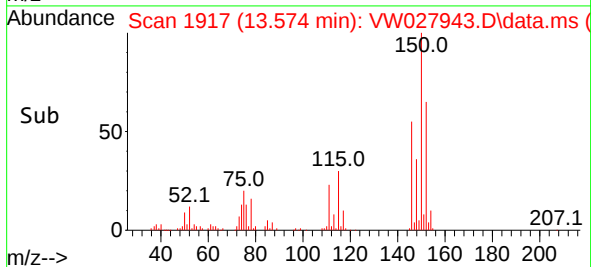
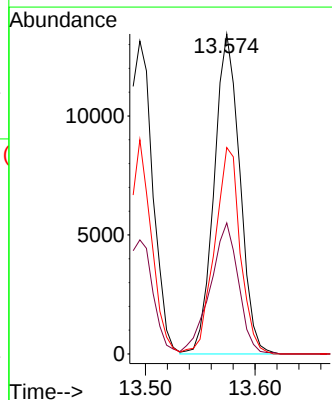
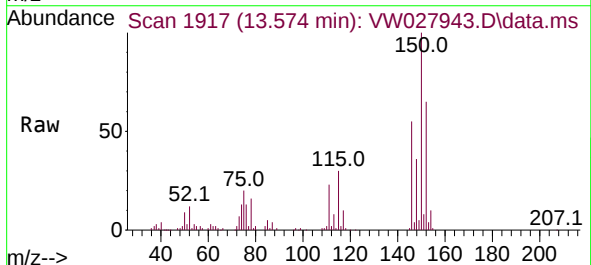
Instrument :
MSVOA_W
ClientSampleId :

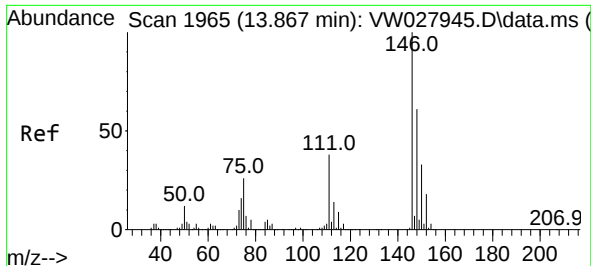
Tgt Ion:146 Resp: 21658
Ion Ratio Lower Upper
146 100
111 36.4 26.9 49.9
148 68.4 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 2.729 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027943.D
Acq: 05 Feb 2024 09:43

Tgt Ion:146 Resp: 21914
Ion Ratio Lower Upper
146 100
111 40.9 24.1 44.8
148 64.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 2.764 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

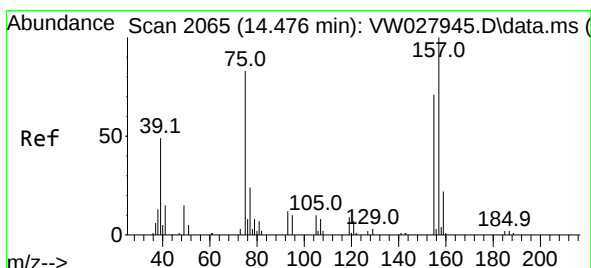
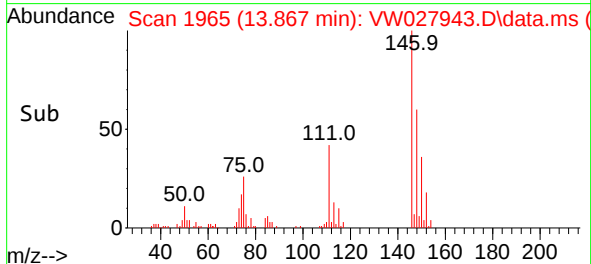
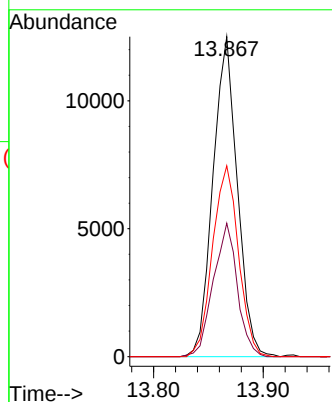
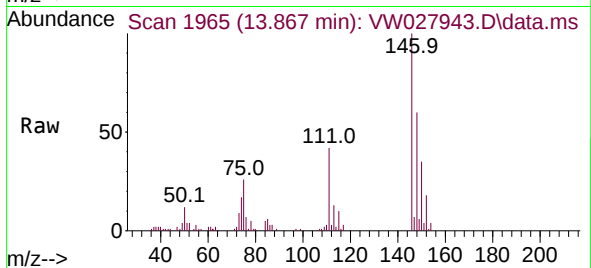
Tgt Ion:146 Resp: 19279

Ion Ratio Lower Upper

146 100

111 41.7 30.6 46.0

148 59.7 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 6.710 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.146 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

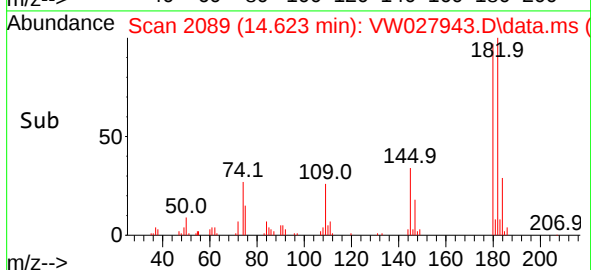
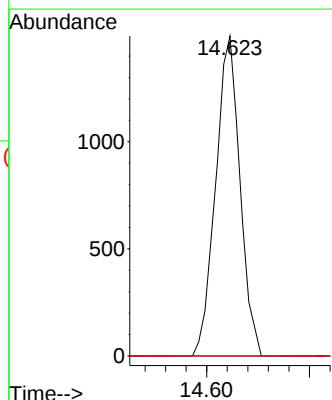
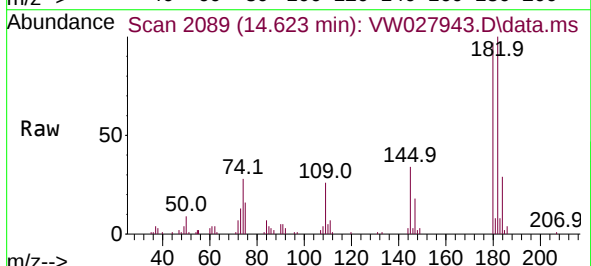
Tgt Ion: 75 Resp: 2448

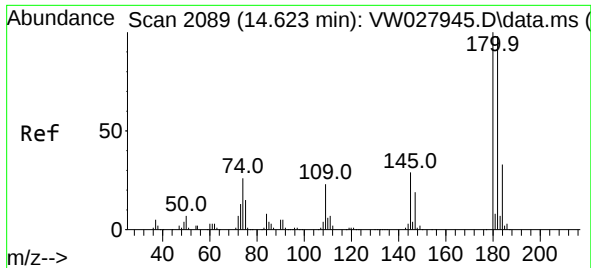
Ion Ratio Lower Upper

75 100

155 0.0 68.7 103.1#

157 0.0 96.7 145.1#





#69

1,3,5-Trichlorobenzene

Concen: 2.562 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 14528

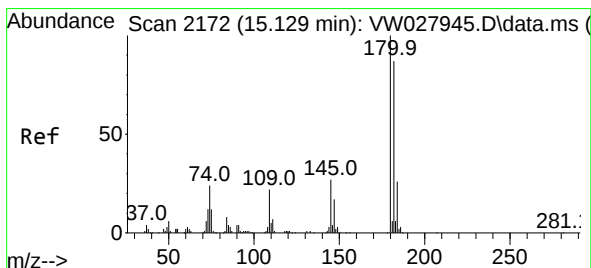
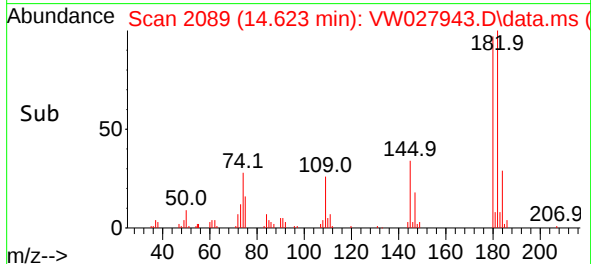
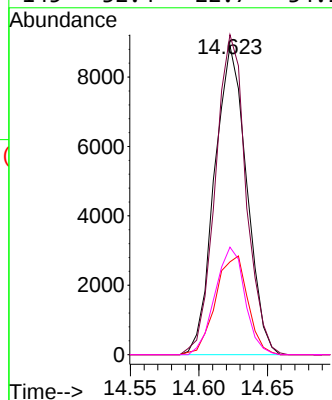
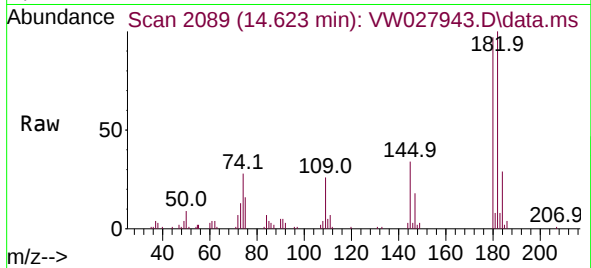
Ion Ratio Lower Upper

180 100

182 98.7 72.1 108.1

184 31.9 24.4 36.6

145 32.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 2.786 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

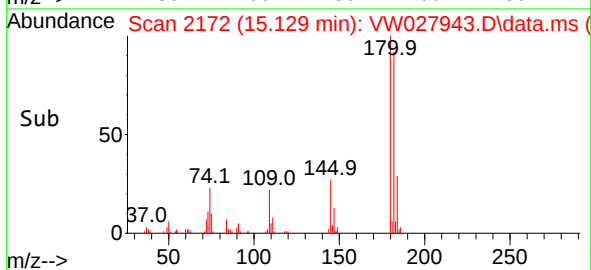
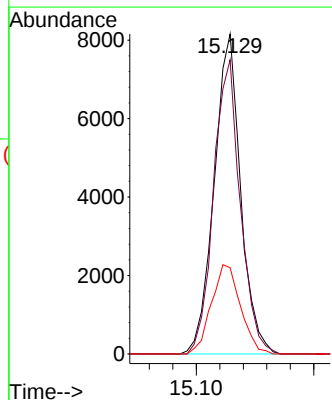
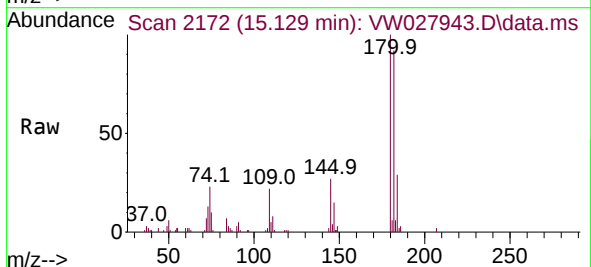
Tgt Ion:180 Resp: 12758

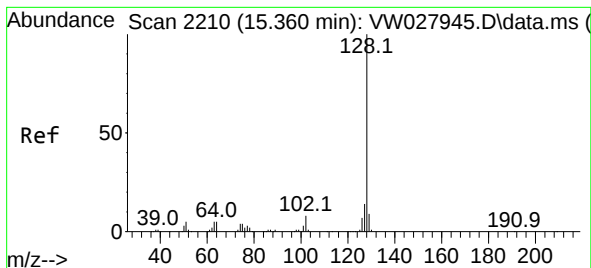
Ion Ratio Lower Upper

180 100

182 92.6 77.0 115.6

145 30.7 23.4 35.0





#71

Naphthalene

Concen: 2.321 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027943.D

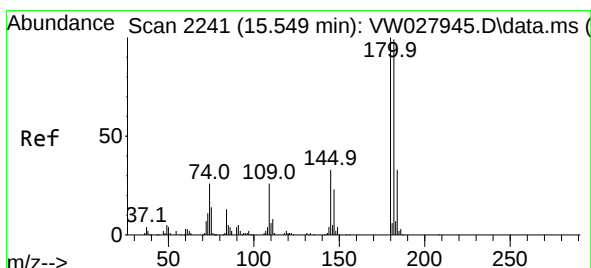
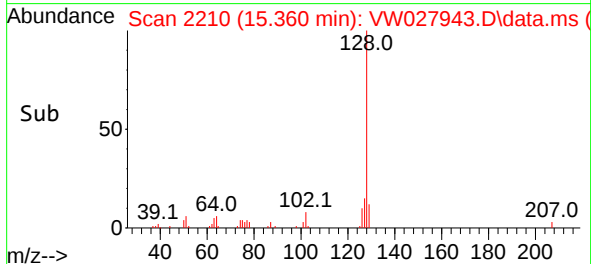
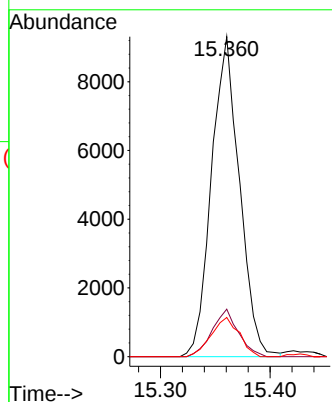
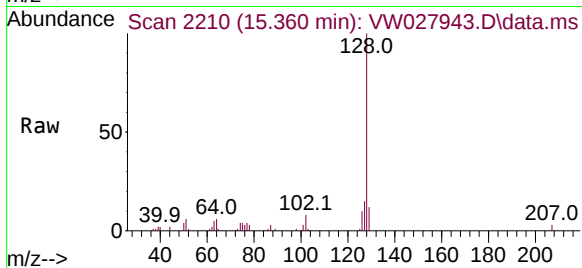
Acq: 05 Feb 2024 09:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	16518
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	12.3	8.4	12.6



#72

1,2,3-Trichlorobenzene

Concen: 2.544 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027943.D

Acq: 05 Feb 2024 09:43

Tgt Ion:	180	Resp:	9721
Ion	Ratio	Lower	Upper
180	100		
182	105.2	76.5	114.7
145	34.1	25.8	38.8

