

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101223\
 Data File : VW027295.D
 Acq On : 12 Oct 2023 14:53
 Operator : SY/MD
 Sample : 04696-03 1 PPB MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 21:58:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 21:57:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	503758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	452341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	234630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196246	25.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.120%	
7) Chloroethane-d5	2.899	69	148954	26.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.920%	
11) 1,1-Dichloroethene-d2	4.021	65	99240	25.761	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.040%	
21) 2-Butanone-d5	7.075	46	125675	49.181	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.360%	
24) Chloroform-d	7.648	84	386007	25.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.840%	
26) 1,2-Dichloroethane-d4	8.410	65	622	0.077	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.320%#	
32) Benzene-d6	8.276	84	837770	27.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.480%	
36) 1,2-Dichloropropane-d6	9.270	67	252020	26.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.840%	
41) Toluene-d8	10.325	98	743647	26.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.200%	
43) trans-1,3-Dichloroprop...	10.575	79	109602	25.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.880%	
47) 2-Hexanone-d5	10.922	63	100843	52.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.280%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185160	26.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.200%	
66) 1,2-Dichlorobenzene-d4	13.848	152	223868	26.329	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	4316	0.720	ug/L #	88
3) Chloromethane	2.222	50	6386	0.927	ug/L	100
5) Vinyl chloride	2.375	62	8555	1.112	ug/L #	55
6) Bromomethane	2.796	94	4047	0.923	ug/L	86
8) Chloroethane	2.942	64	4427	1.000	ug/L	97
9) Trichlorofluoromethane	3.265	101	4961	0.914	ug/L	96
12) 1,1-Dichloroethene	4.045	96	7963	1.205	ug/L #	1
14) Carbon disulfide	4.393	76	19940	0.974	ug/L	98
15) Methyl Acetate	4.685	43	2902	0.770	ug/L	99
16) Methylene chloride	4.917	84	25727	2.790	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	7007	0.987	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	11706	0.956	ug/L #	88
19) 1,1-Dichloroethane	6.216	63	13287	0.917	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	7746	0.966	ug/L	86
23) Bromochloromethane	7.520	128	3032	0.916	ug/L	89
25) Chloroform	7.673	83	14229	1.050	ug/L	98
27) 1,2-Dichloroethane	8.404	62	8812	0.957	ug/L #	90
29) Cyclohexane	7.959	56	13501	0.983	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	10053	0.911	ug/L	97

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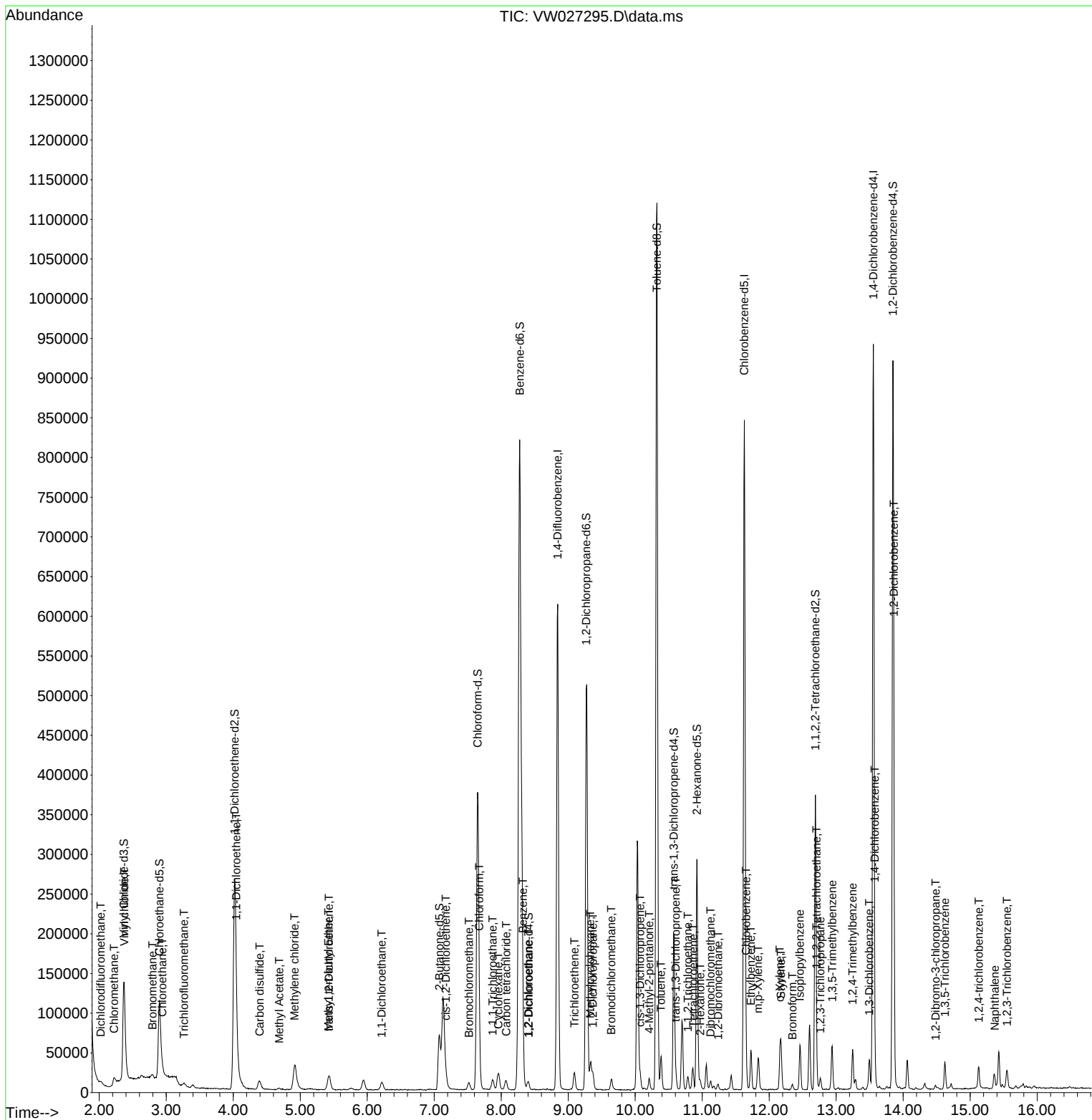
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 ClientSampleId :

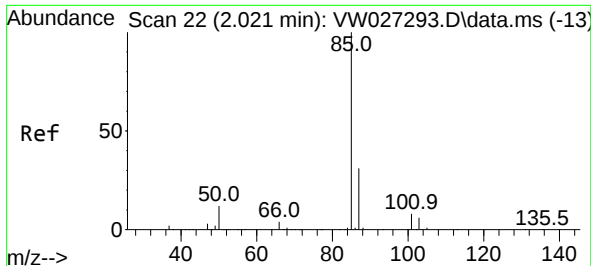
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 21:57:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	8.075	117	9116	0.916	ug/L #	53
33) Benzene	8.325	78	27447	0.928	ug/L	100
34) Trichloroethene	9.093	95	7360	0.943	ug/L	93
35) Methylcyclohexane	9.331	83	13567	0.972	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7749	0.969	ug/L #	96
38) Bromodichloromethane	9.642	83	8676	0.883	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	11688	0.885	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	9864	1.794	ug/L	97
42) Toluene	10.386	91	29521	0.952	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	9514	0.854	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	5250	0.954	ug/L	94
46) Tetrachloroethene	10.867	164	5394	1.000	ug/L	93
48) 2-Hexanone	10.971	43	6741	1.657	ug/L	93
49) Dibromochloromethane	11.123	129	5482	0.897	ug/L	82
50) 1,2-Dibromoethane	11.239	107	4711	0.883	ug/L #	86
51) Chlorobenzene	11.654	112	18318	0.943	ug/L	98
52) Ethylbenzene	11.727	91	34333	0.953	ug/L	98
53) m,p-Xylene	11.837	106	12475	0.913	ug/L	100
54) o-Xylene	12.160	106	11608	0.887	ug/L	89
55) Styrene	12.178	104	20685	0.925	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	6695	0.997	ug/L #	96
59) Bromoform	12.349	173	2977	0.853	ug/L	96
60) Isopropylbenzene	12.458	105	33593	0.911	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	4721	0.922	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.940	105	28050	0.912	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	26721	0.888	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	13884	0.929	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	14442	0.968	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	12870	0.970	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	1289	1.007	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	9794	1.009	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	7672	0.929	ug/L	96
71) Naphthalene	15.366	128	15262	0.899	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	7123	1.049	ug/L	93

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

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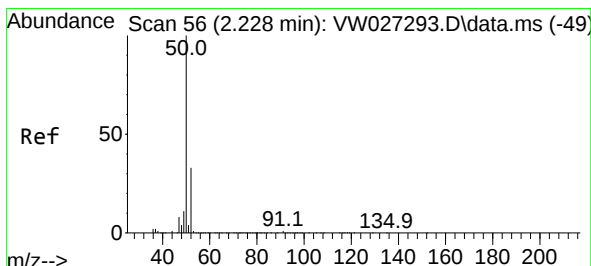
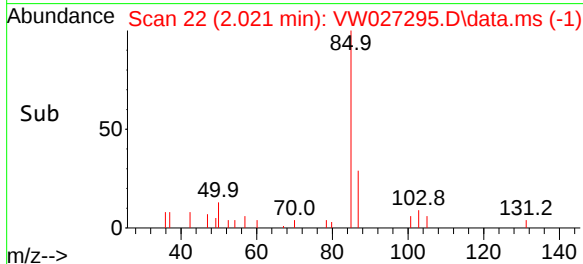
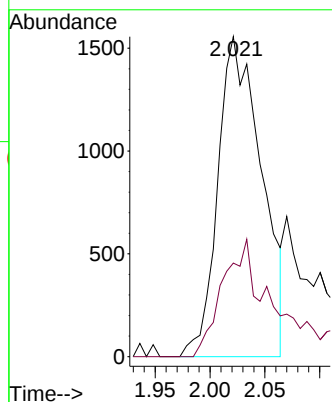
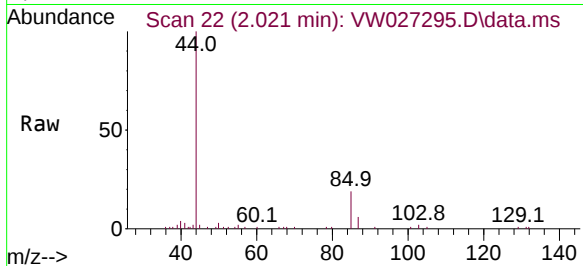




#2
 Dichlorodifluoromethane
 Concen: 0.720 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027295.D
 Acq: 12 Oct 2023 14:53

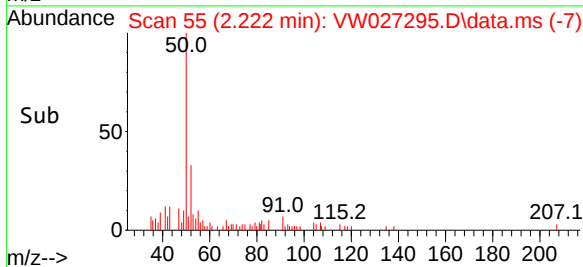
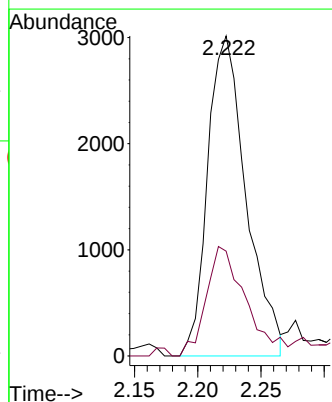
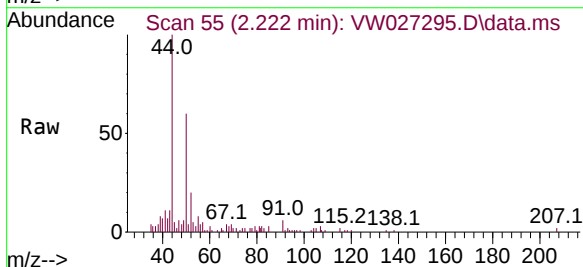
Instrument :
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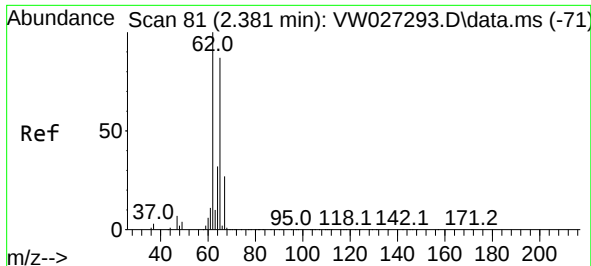
Tgt Ion: 85 Resp: 4316
 Ion Ratio Lower Upper
 85 100
 87 17.0 18.3 27.5#



#3
 Chloromethane
 Concen: 0.927 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW027295.D
 Acq: 12 Oct 2023 14:53

Tgt Ion: 50 Resp: 6386
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3

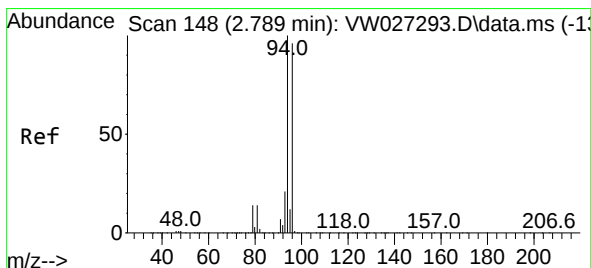
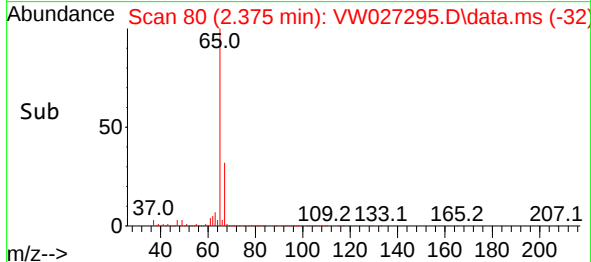
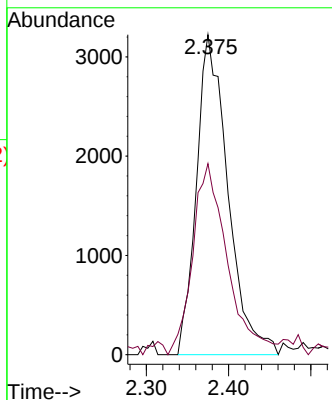
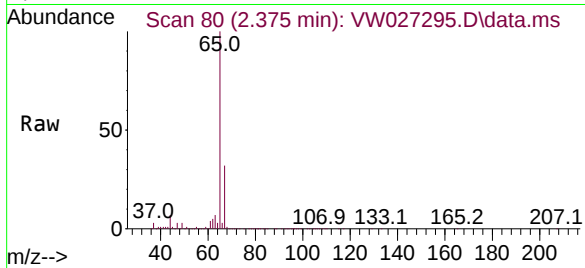




#5
 Vinyl chloride
 Concen: 1.112 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027295.D
 Acq: 12 Oct 2023 14:53

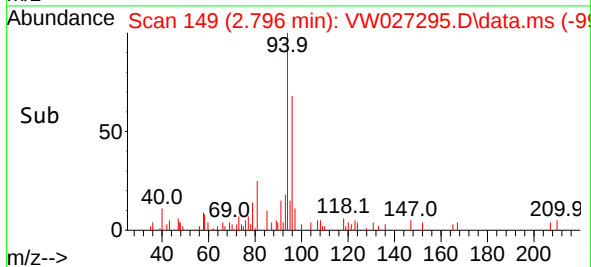
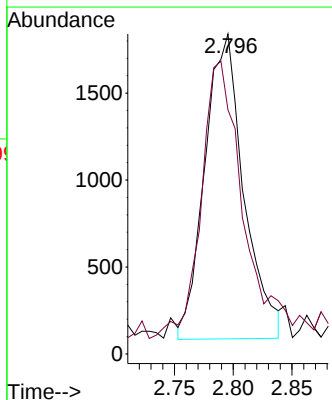
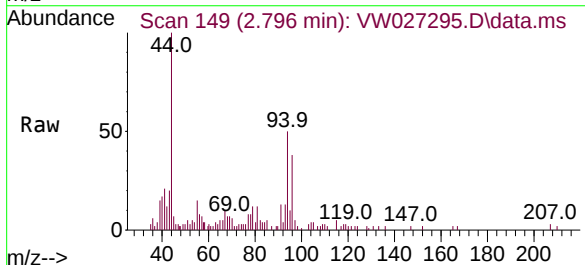
Instrument :
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 ClientSampleId :

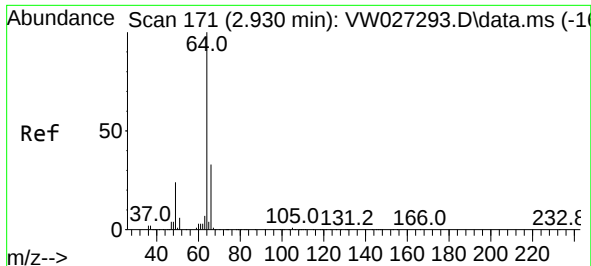
Tgt Ion: 62 Resp: 8555
 Ion Ratio Lower Upper
 62 100
 64 59.7 23.8 44.2#



#6
 Bromomethane
 Concen: 0.923 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027295.D
 Acq: 12 Oct 2023 14:53

Tgt Ion: 94 Resp: 4047
 Ion Ratio Lower Upper
 94 100
 96 76.3 62.9 116.9

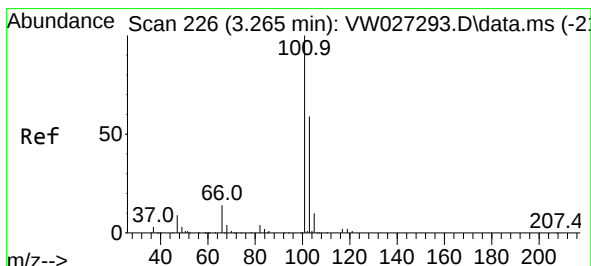
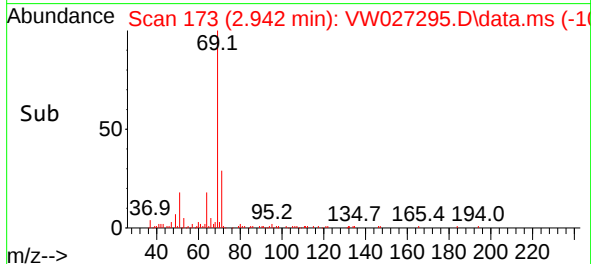
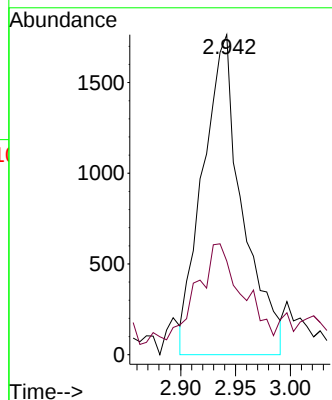
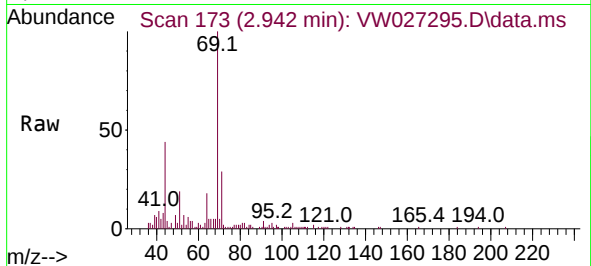




#8
Chloroethane
Concen: 1.000 ug/L
RT: 2.942 min Scan# 171
Delta R.T. 0.012 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

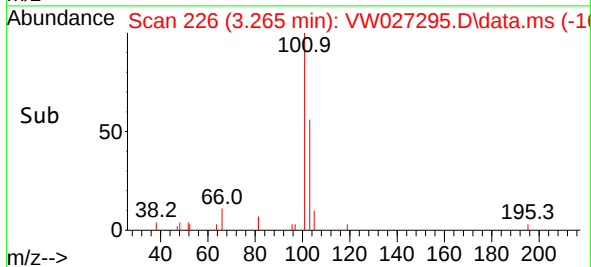
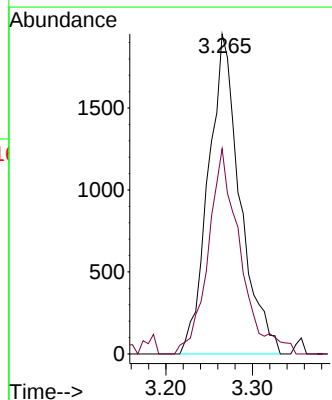
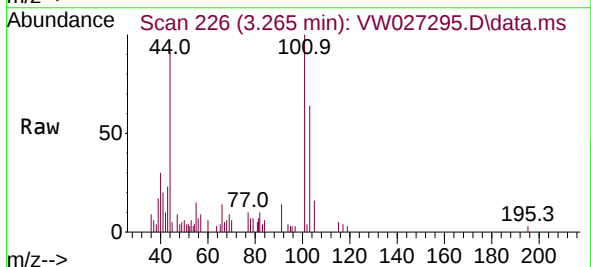
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ClientSampleId :

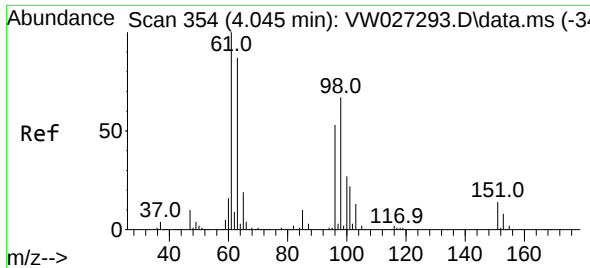
Tgt Ion: 64 Resp: 4427
Ion Ratio Lower Upper
64 100
66 29.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 0.914 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 101 Resp: 4961
Ion Ratio Lower Upper
101 100
103 61.6 51.6 77.4

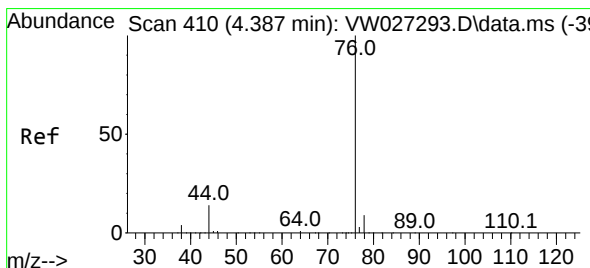
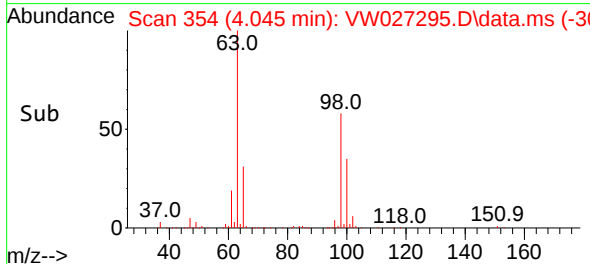
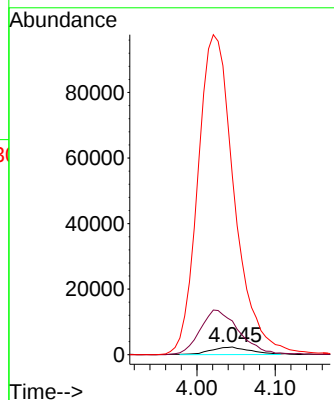
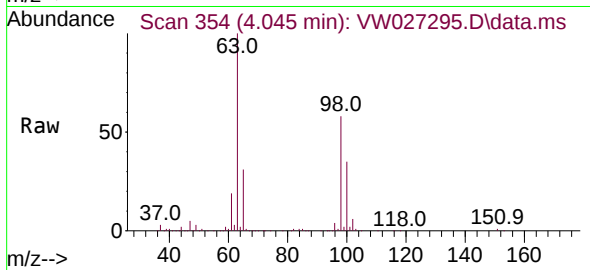




#12
1,1-Dichloroethene
Concen: 1.205 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

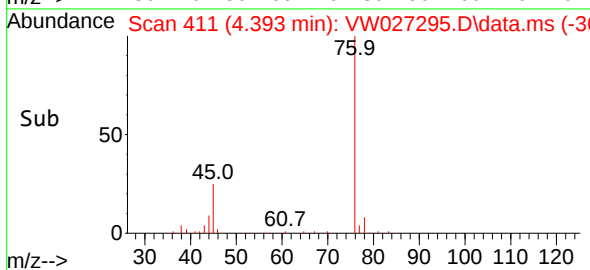
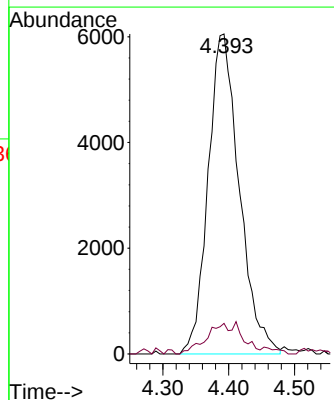
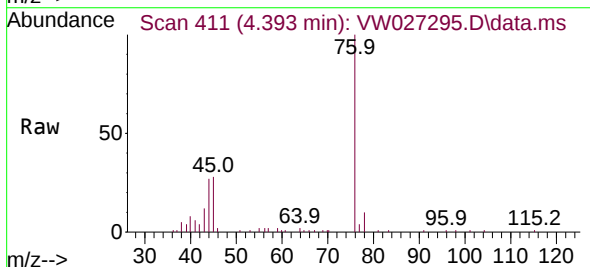
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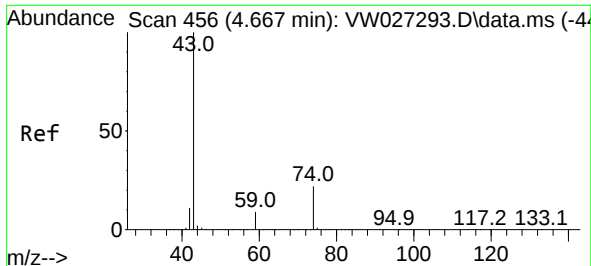
Tgt Ion: 96 Resp: 7963
Ion Ratio Lower Upper
96 100
61 441.6 133.3 247.5#
63 2338.6 115.8 215.2#



#14
Carbon disulfide
Concen: 0.974 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 76 Resp: 19940
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

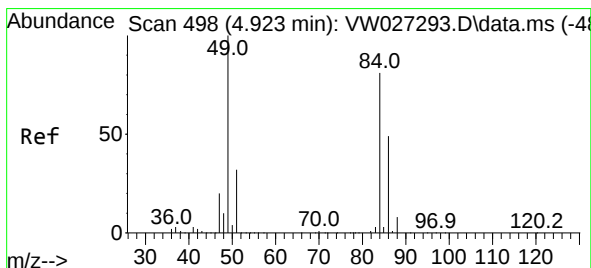
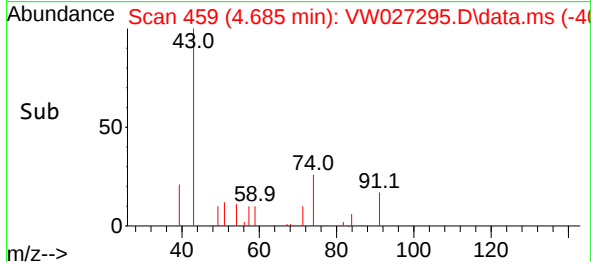
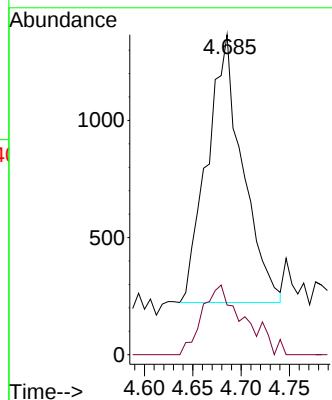
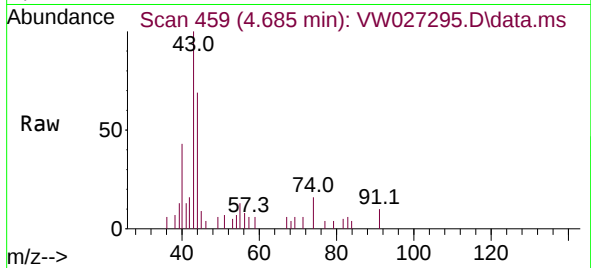




#15
Methyl Acetate
Concen: 0.770 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.018 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

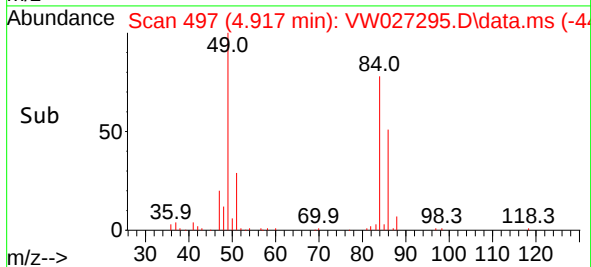
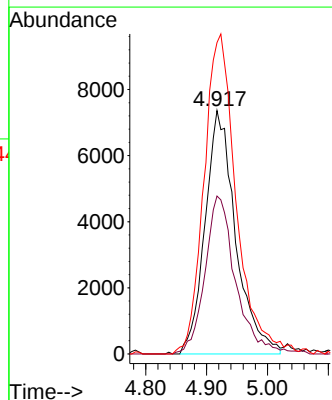
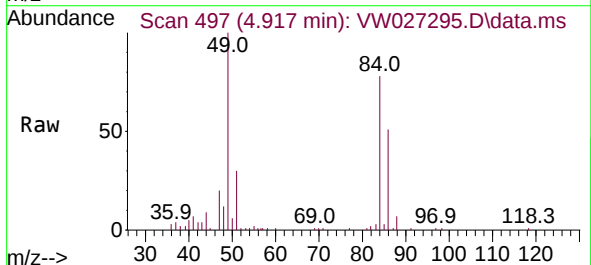
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ClientSampleId :

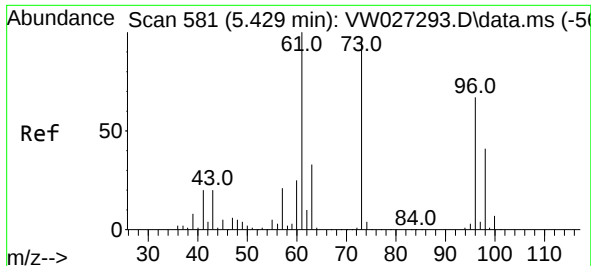
Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
74 22.6 17.5 26.3



#16
Methylene chloride
Concen: 2.790 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 84 Resp: 25727
Ion Ratio Lower Upper
84 100
86 64.9 41.3 76.7
49 127.9 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 0.987 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

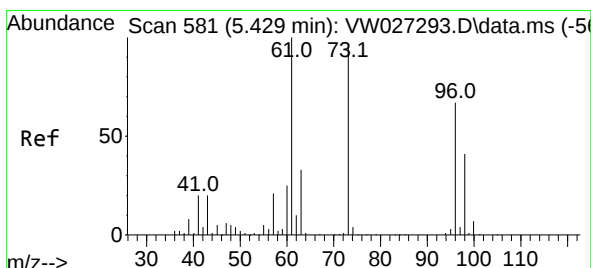
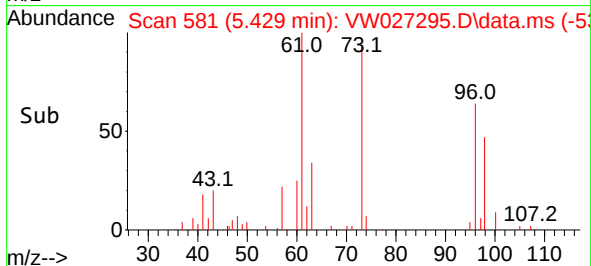
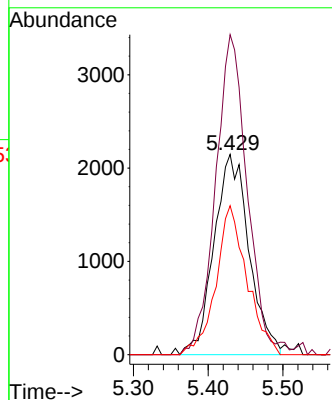
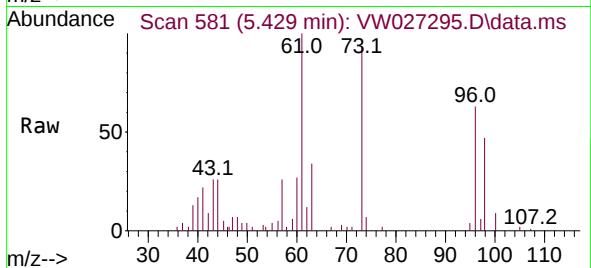
Tgt Ion: 96 Resp: 7007

Ion Ratio Lower Upper

96 100

61 159.8 105.6 196.0

98 74.3 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 0.956 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

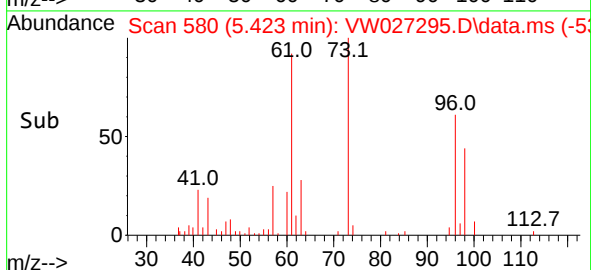
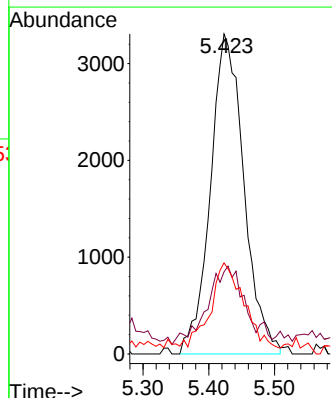
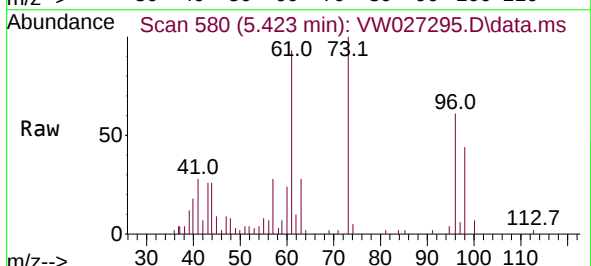
Tgt Ion: 73 Resp: 11706

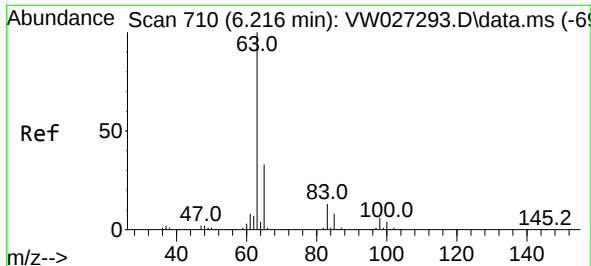
Ion Ratio Lower Upper

73 100

43 12.2 17.7 26.5

57 24.5 18.5 27.7

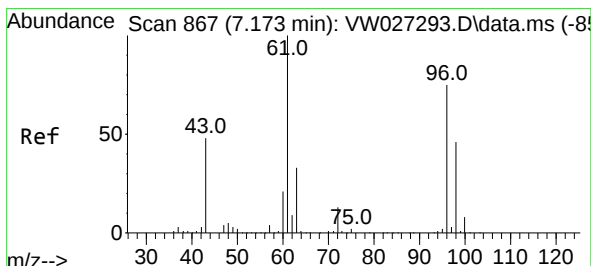
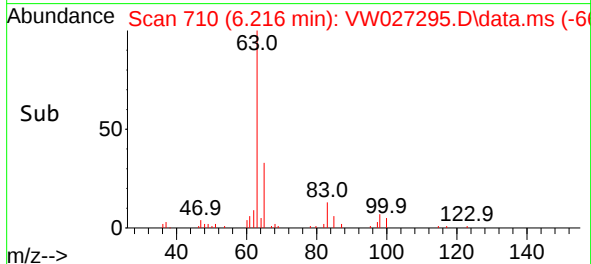
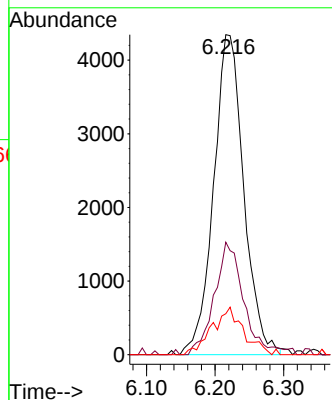
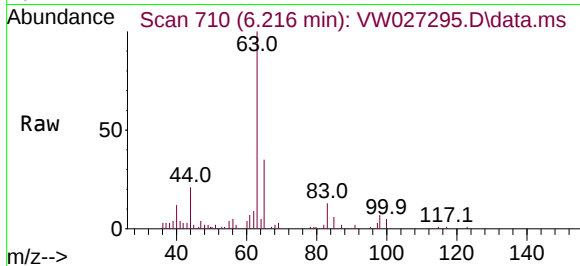




#19
1,1-Dichloroethane
Concen: 0.917 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

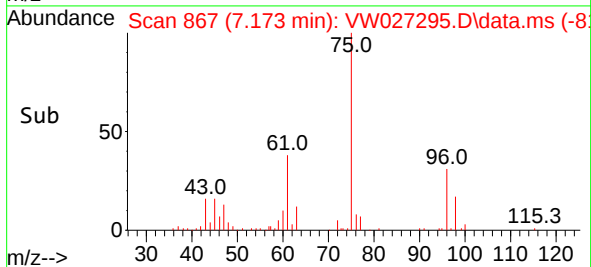
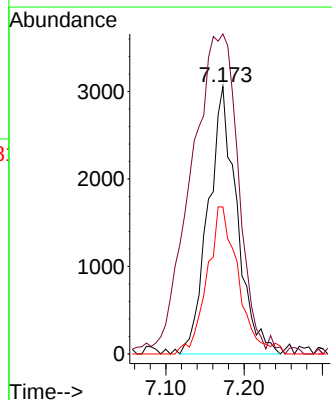
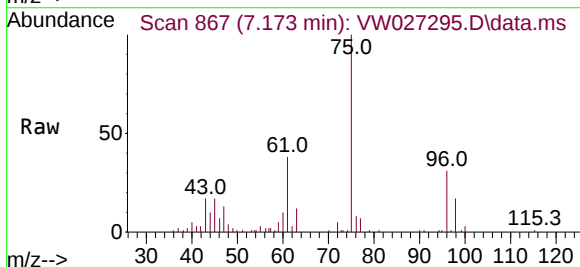
Instrument :
MSVOA_W
ClientSampleId :

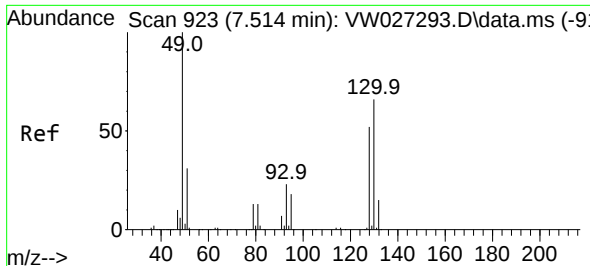
Tgt Ion:	63	Resp:	13287
Ion	Ratio	Lower	Upper
63	100		
65	35.1	22.9	42.5
83	12.8	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 0.966 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

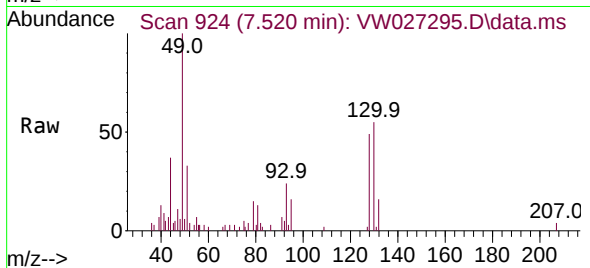
Tgt Ion:	96	Resp:	7746
Ion	Ratio	Lower	Upper
96	100		
61	119.7	96.2	178.8
98	55.0	46.0	85.4



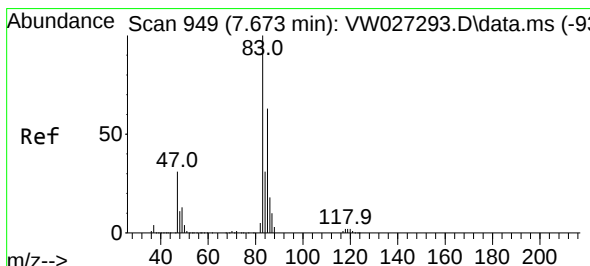
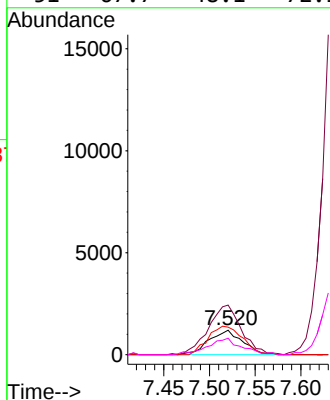
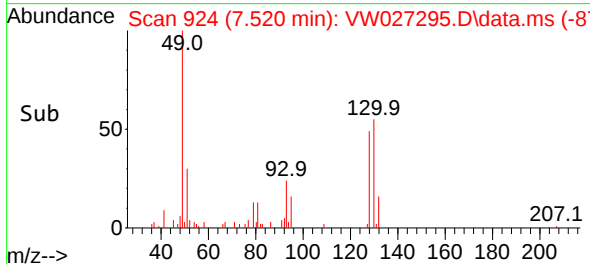


#23
Bromochloromethane
Concen: 0.916 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Instrument :
MSVOA_W
ClientSampleId :

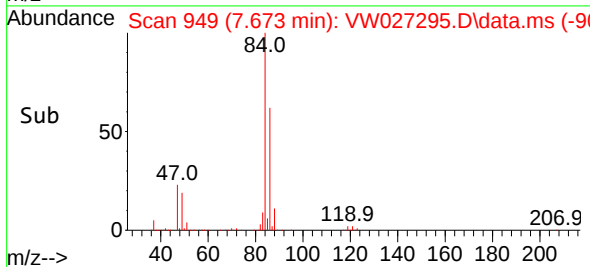
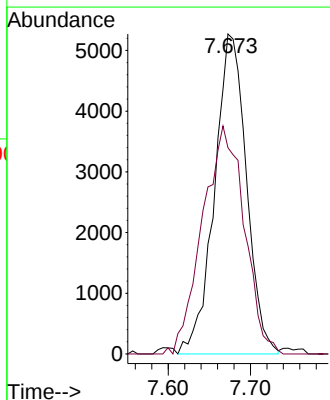
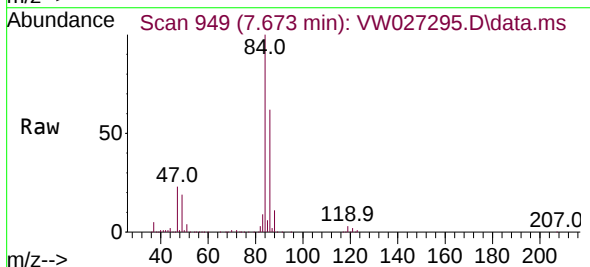


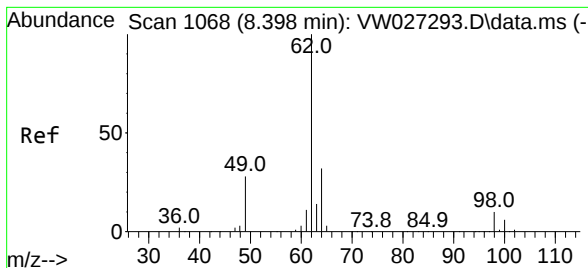
Tgt Ion:128 Resp: 3032
Ion Ratio Lower Upper
128 100
49 203.0 128.9 239.5
130 112.5 85.0 157.8
51 67.7 48.1 72.1



#25
Chloroform
Concen: 1.050 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 83 Resp: 14229
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9





#27

1,2-Dichloroethane

Concen: 0.957 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

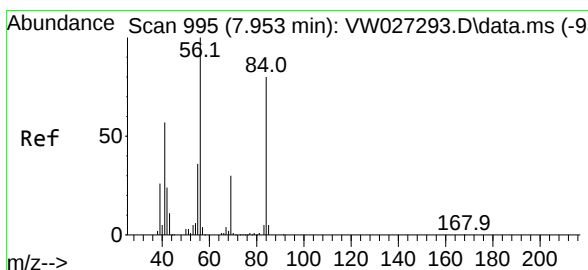
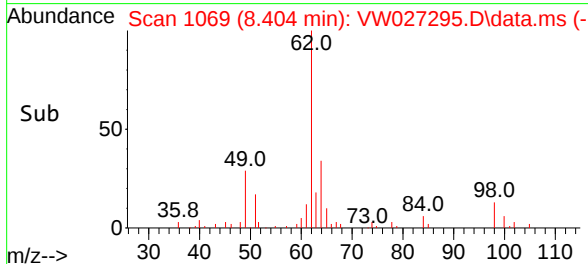
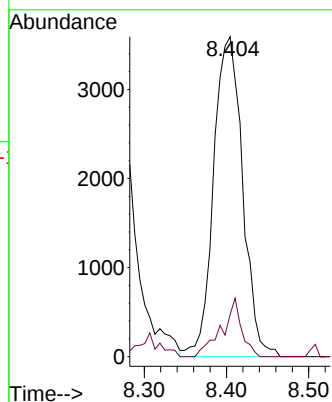
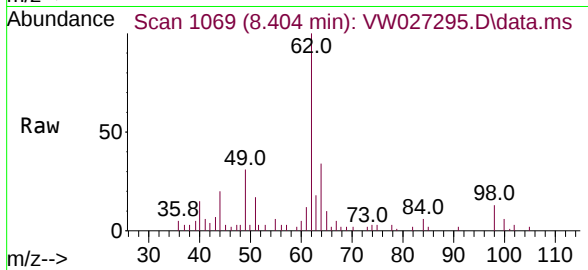
ClientSampleId :

Tgt Ion: 62 Resp: 8812

Ion Ratio Lower Upper

62 100

98 13.1 7.5 11.3#



#29

Cyclohexane

Concen: 0.983 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

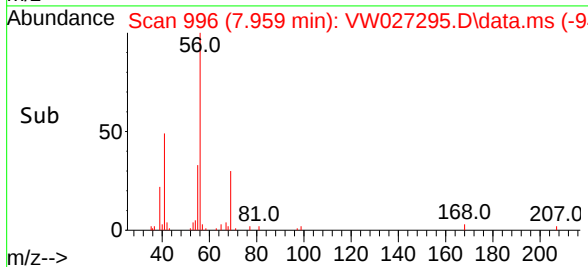
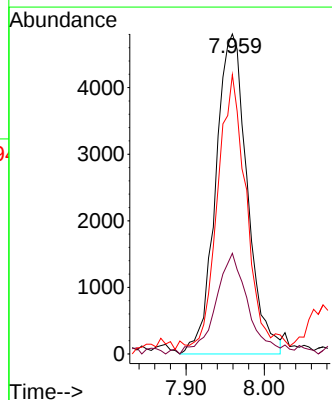
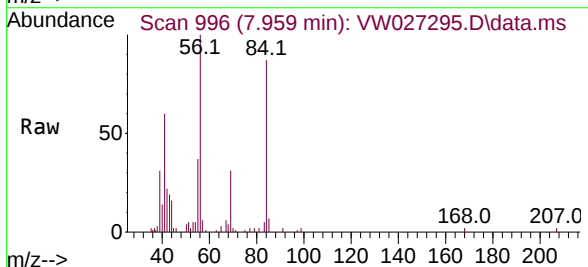
Tgt Ion: 56 Resp: 13501

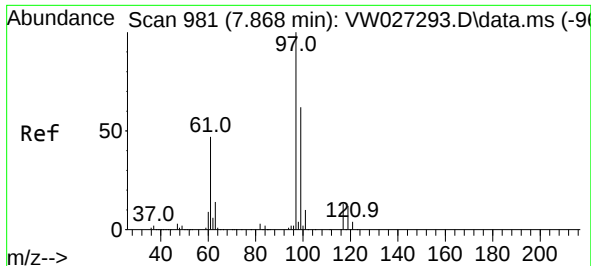
Ion Ratio Lower Upper

56 100

69 28.3 24.2 36.4

84 75.9 65.1 97.7

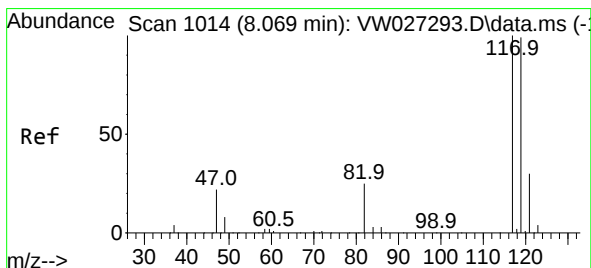
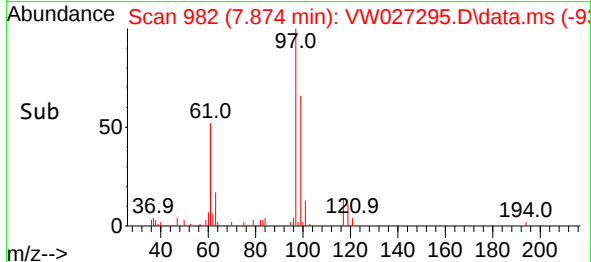
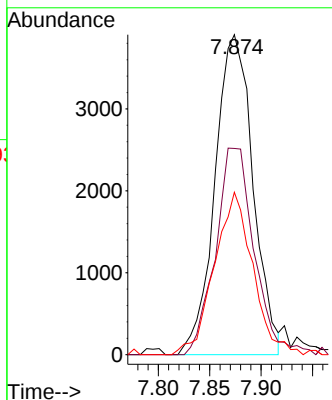
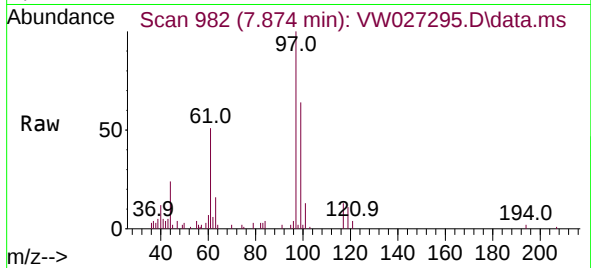




#30
1,1,1-Trichloroethane
Concen: 0.911 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

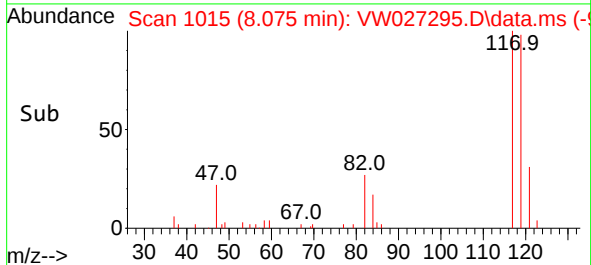
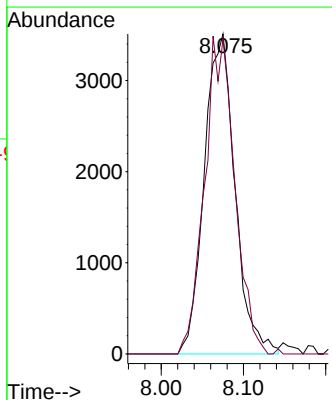
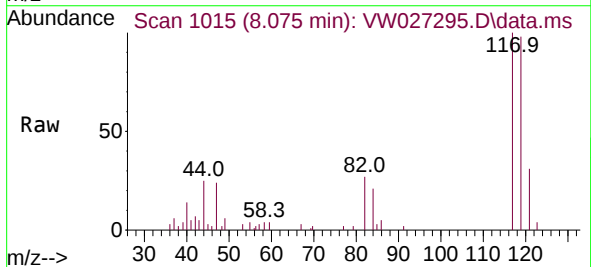
Instrument :
MSVOA_W
ClientSampleId :

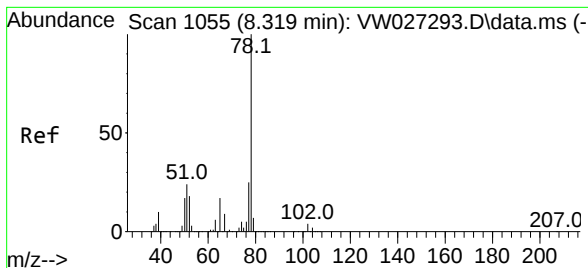
Tgt Ion: 97 Resp: 10053
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.0
61 44.2 37.4 56.0



#31
Carbon tetrachloride
Concen: 0.916 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 117 Resp: 9116
Ion Ratio Lower Upper
117 100
119 50.0 77.1 115.7#





#33

Benzene

Concen: 0.928 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW027295.D

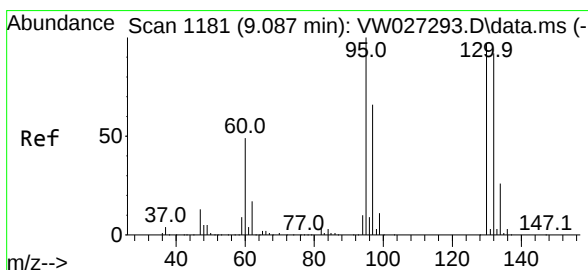
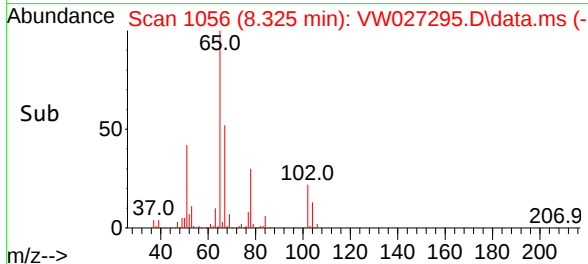
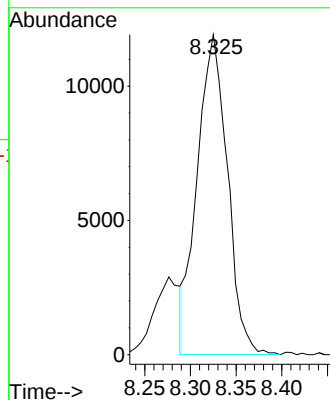
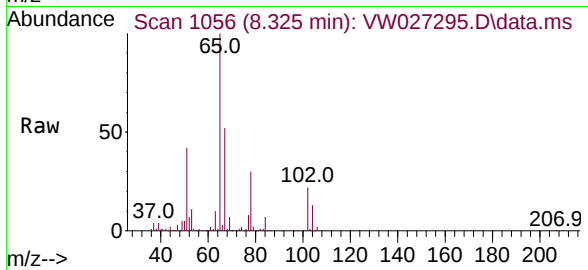
Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 27447



#34

Trichloroethene

Concen: 0.943 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Tgt Ion: 95 Resp: 7360

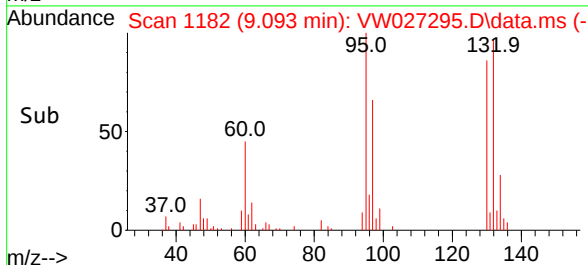
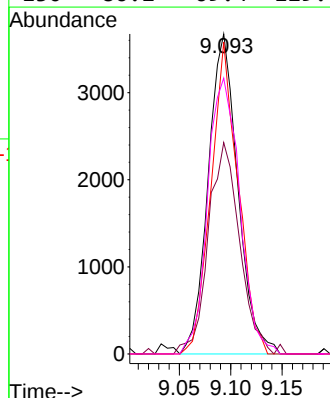
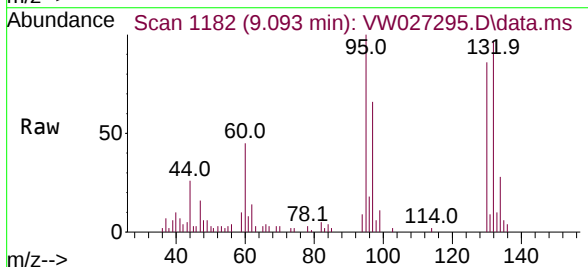
Ion Ratio Lower Upper

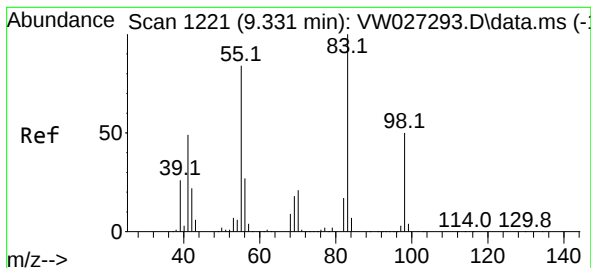
95 100

97 66.1 43.4 80.6

132 97.5 67.6 125.6

130 86.2 69.4 129.0





#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 9.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

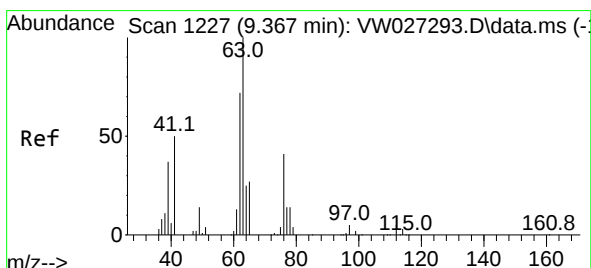
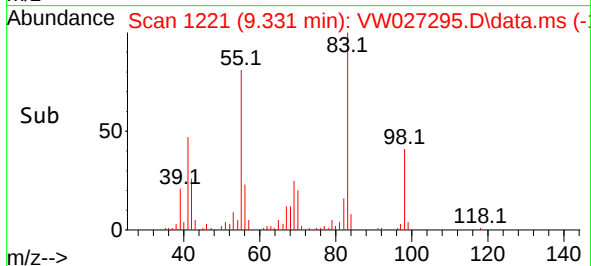
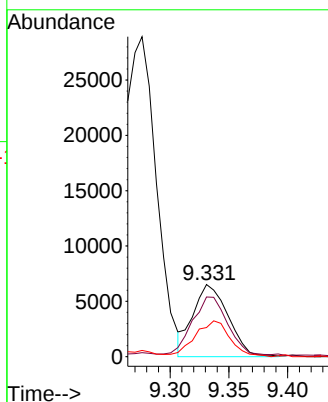
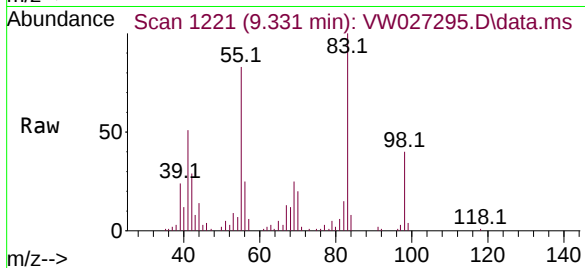
Tgt Ion: 83 Resp: 13567

Ion Ratio Lower Upper

83 100

55 82.1 65.8 98.8

98 49.7 38.1 57.1



#37

1,2-Dichloropropane

Concen: 0.969 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027295.D

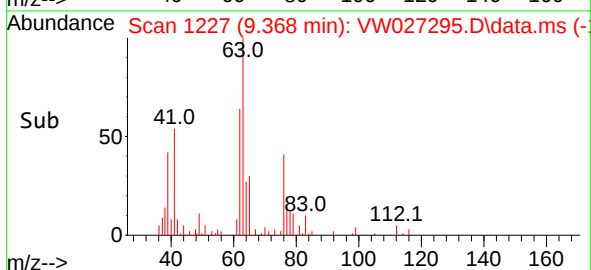
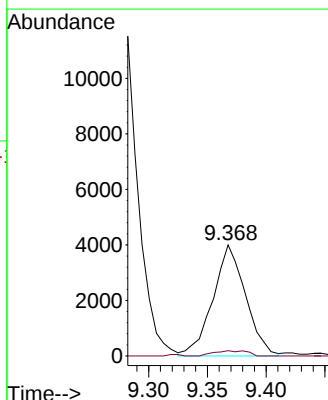
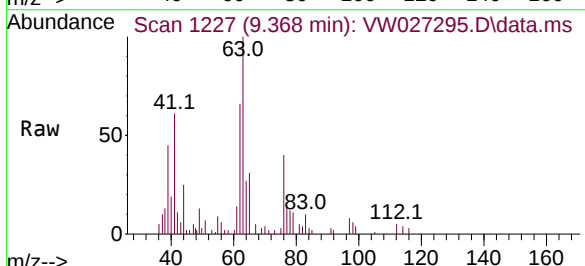
Acq: 12 Oct 2023 14:53

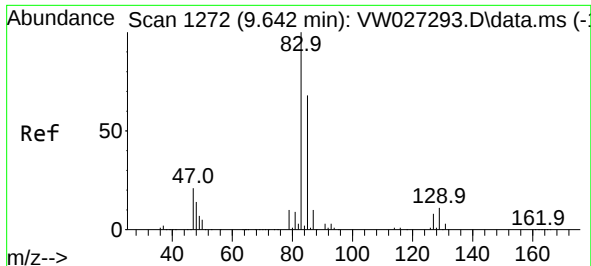
Tgt Ion: 63 Resp: 7749

Ion Ratio Lower Upper

63 100

112 3.2 3.5 5.3#

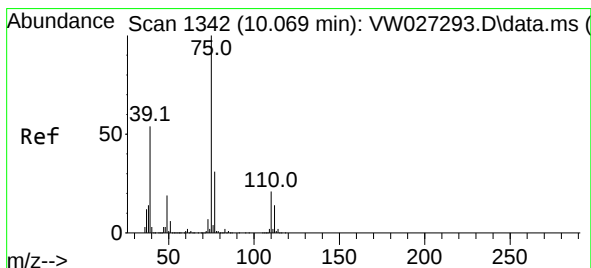
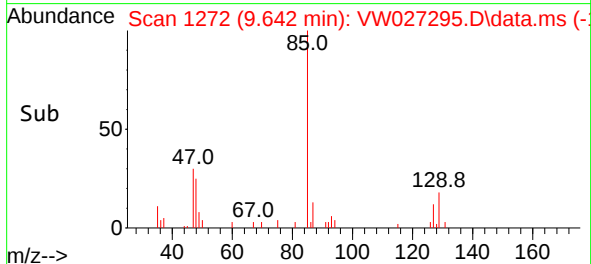
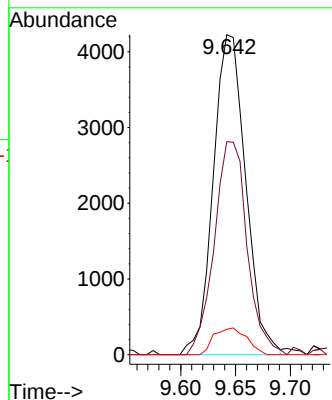
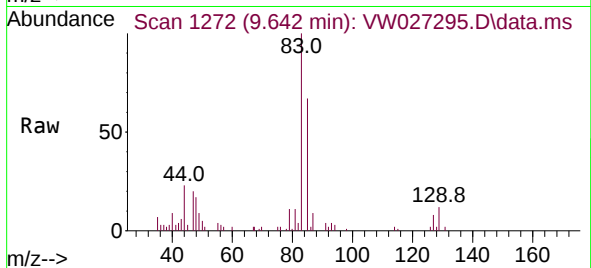




#38
Bromodichloromethane
Concen: 0.883 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

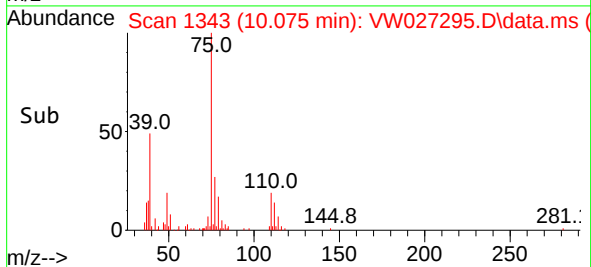
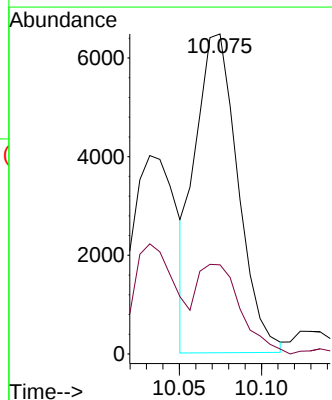
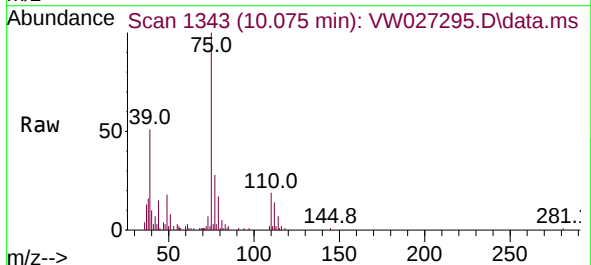
Instrument :
MSVOA_W
ClientSampleId :

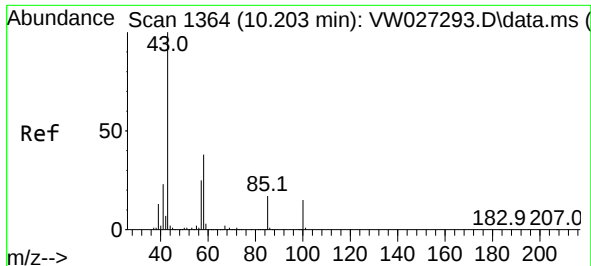
Tgt Ion: 83 Resp: 8676
Ion Ratio Lower Upper
83 100
85 66.6 43.9 81.5
127 7.9 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 0.885 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 75 Resp: 11688
Ion Ratio Lower Upper
75 100
77 27.9 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 1.794 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

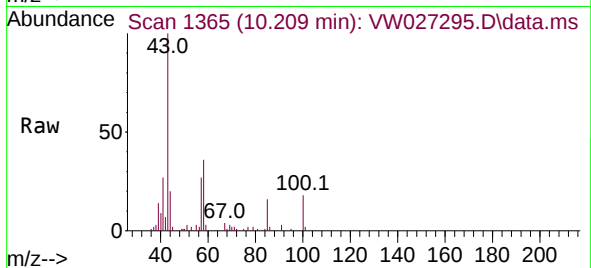
Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :



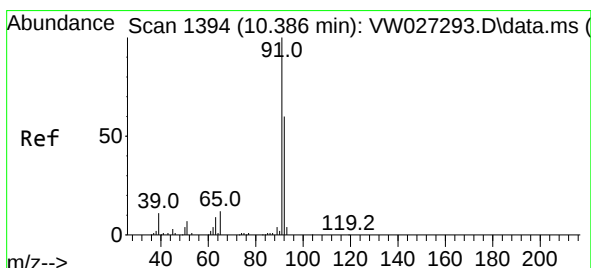
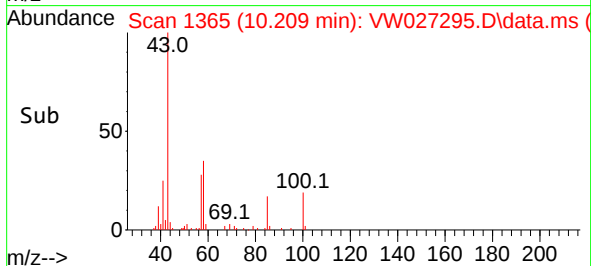
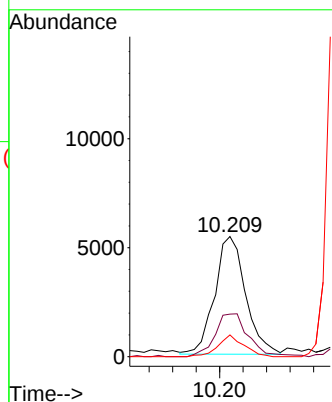
Tgt Ion: 43 Resp: 9864

Ion Ratio Lower Upper

43 100

58 39.7 30.5 45.7

100 15.4 11.5 17.3



#42

Toluene

Concen: 0.952 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027295.D

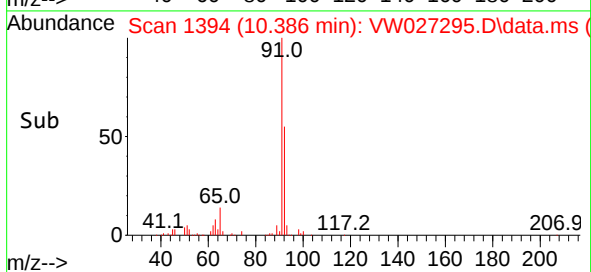
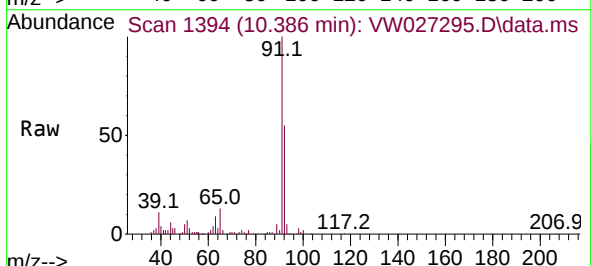
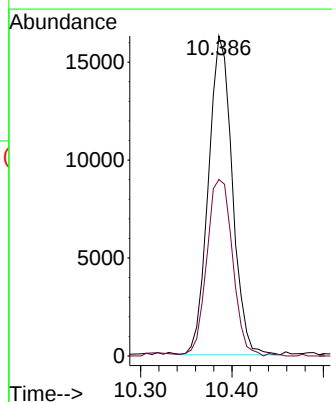
Acq: 12 Oct 2023 14:53

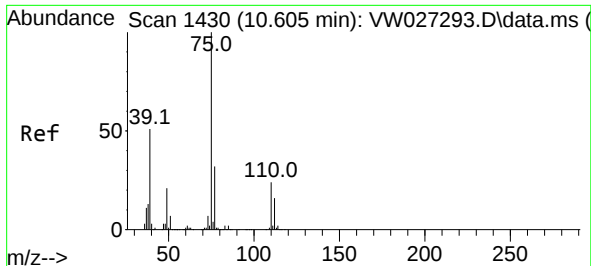
Tgt Ion: 91 Resp: 29521

Ion Ratio Lower Upper

91 100

92 55.1 42.1 78.1

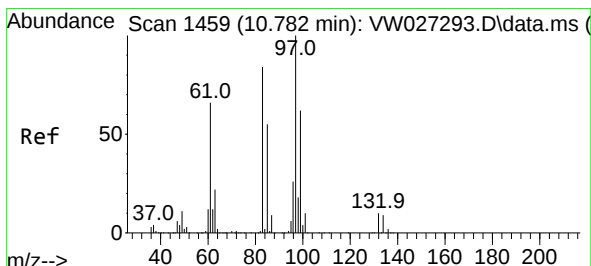
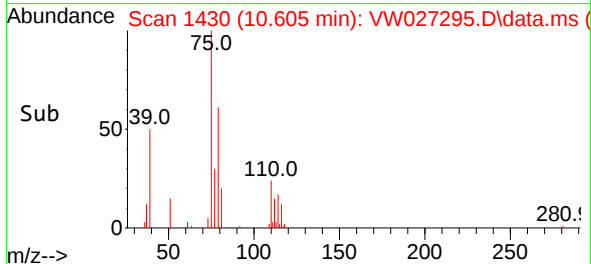
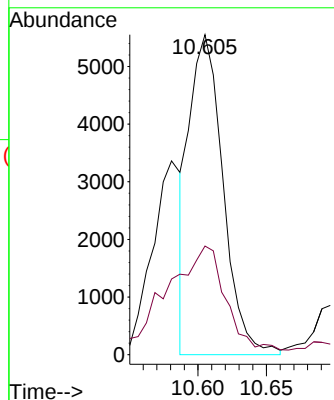
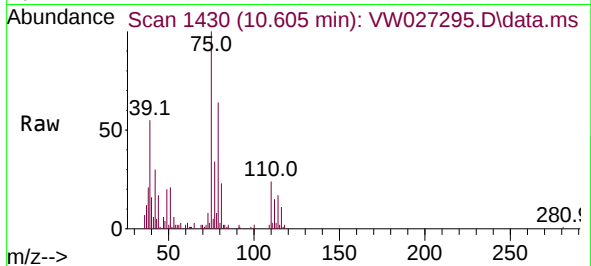




#44
trans-1,3-Dichloropropene
Concen: 0.854 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

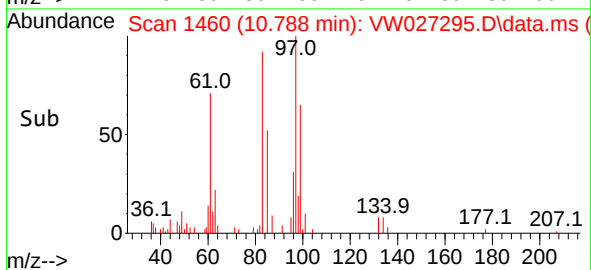
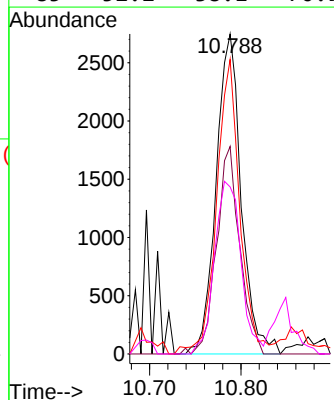
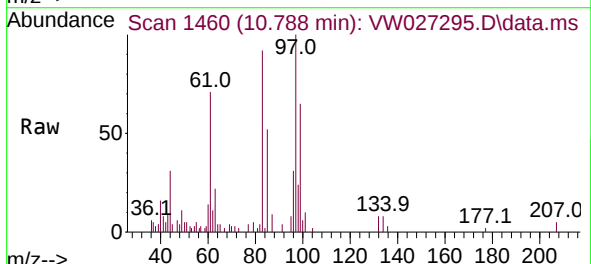
Instrument :
MSVOA_W
ClientSampleId :

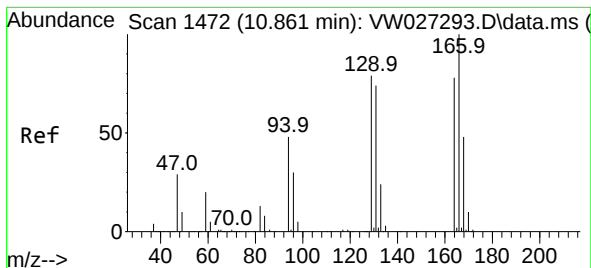
Tgt Ion: 75 Resp: 9514
Ion Ratio Lower Upper
75 100
77 33.9 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 0.954 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 97 Resp: 5250
Ion Ratio Lower Upper
97 100
99 64.9 43.8 81.4
83 92.1 57.5 106.7
85 52.2 38.1 70.9





#46

Tetrachloroethene

Concen: 1.000 ug/L

RT: 10.867 min Scan# 14

Delta R.T. 0.006 min

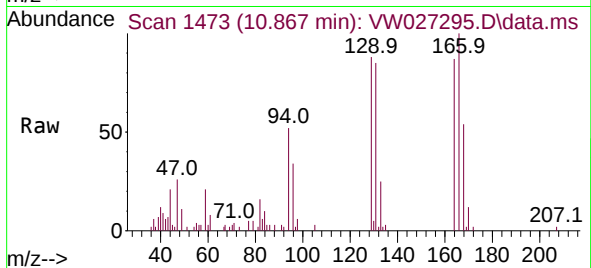
Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 5394

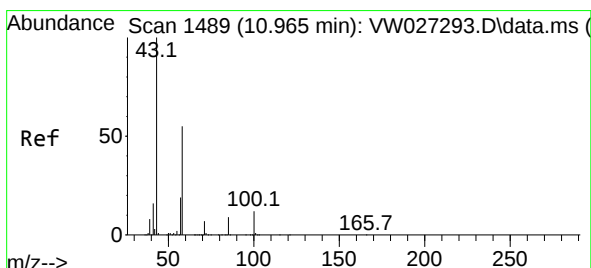
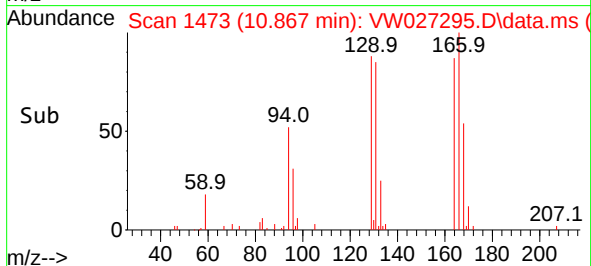
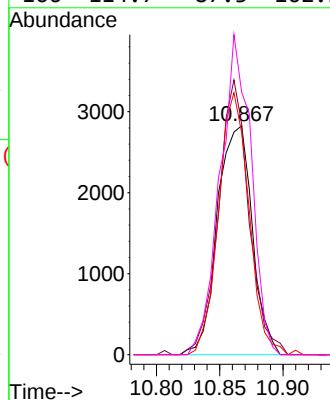
Ion Ratio Lower Upper

164 100

129 100.9 74.7 138.7

131 97.0 73.2 136.0

166 114.7 87.3 162.1



#48

2-Hexanone

Concen: 1.657 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Tgt Ion: 43 Resp: 6741

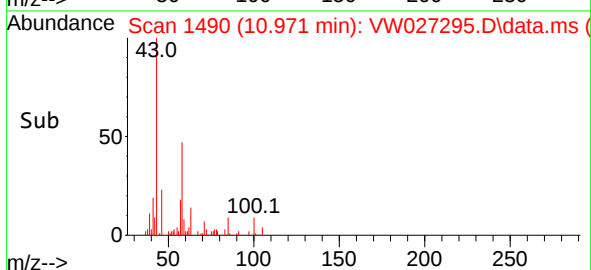
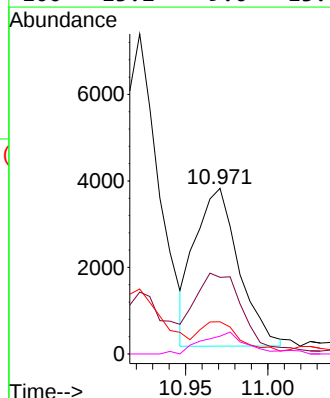
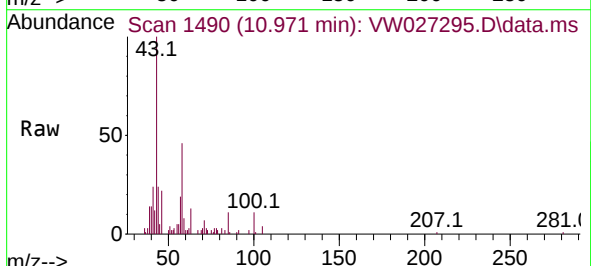
Ion Ratio Lower Upper

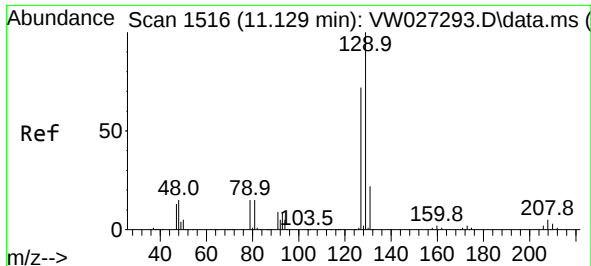
43 100

58 58.2 42.2 63.4

57 16.1 15.1 22.7

100 13.2 9.0 13.4





#49

Dibromochloromethane

Concen: 0.897 ug/L

RT: 11.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

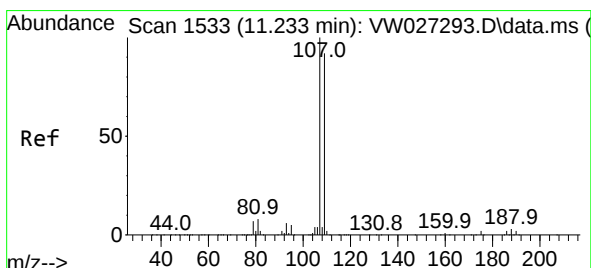
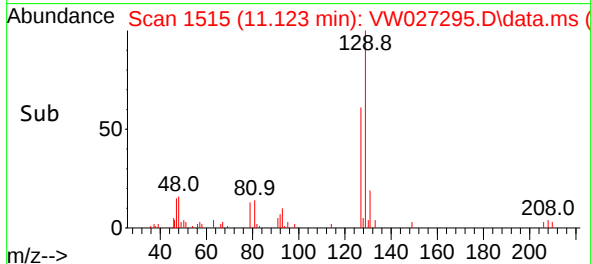
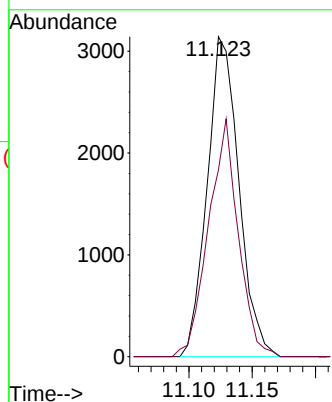
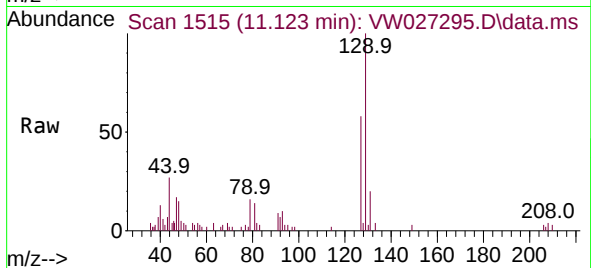
ClientSampleId :

Tgt Ion:129 Resp: 5482

Ion Ratio Lower Upper

129 100

127 58.4 51.7 95.9



#50

1,2-Dibromoethane

Concen: 0.883 ug/L

RT: 11.239 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

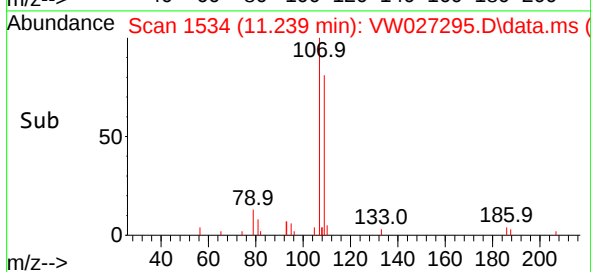
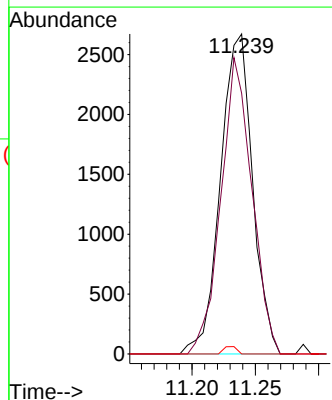
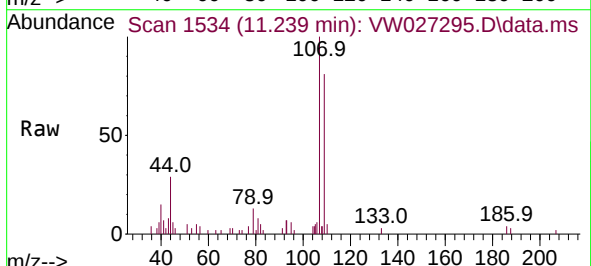
Tgt Ion:107 Resp: 4711

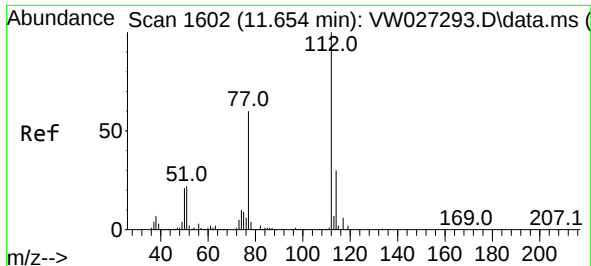
Ion Ratio Lower Upper

107 100

109 81.5 66.3 123.1

188 0.0 3.0 4.4#

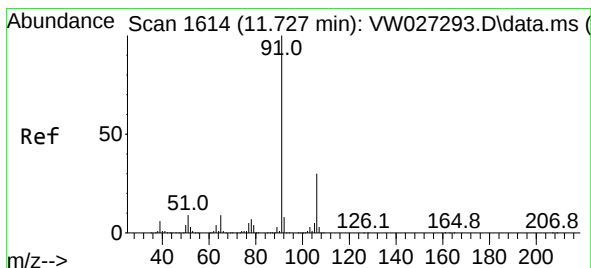
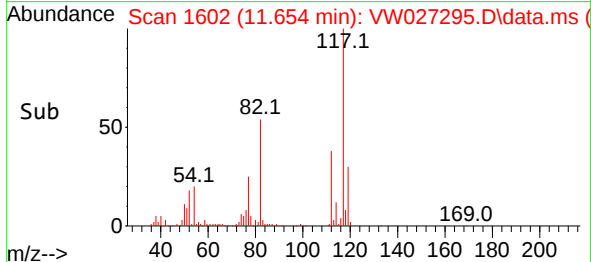
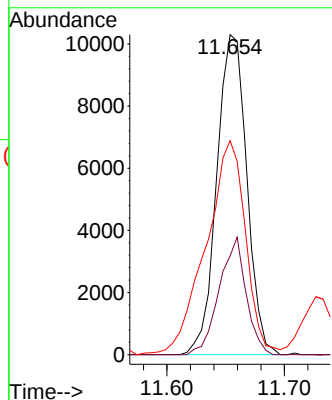
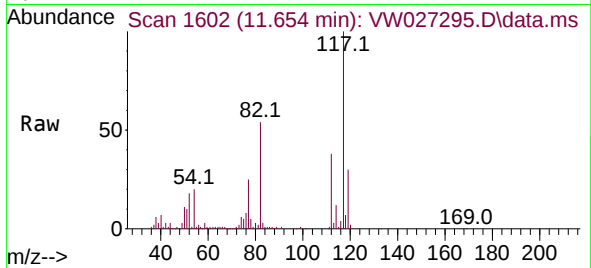




#51
Chlorobenzene
Concen: 0.943 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

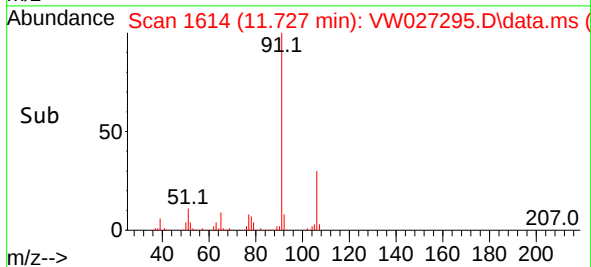
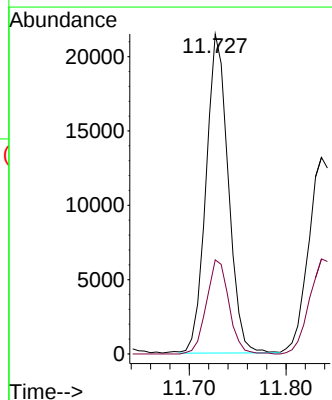
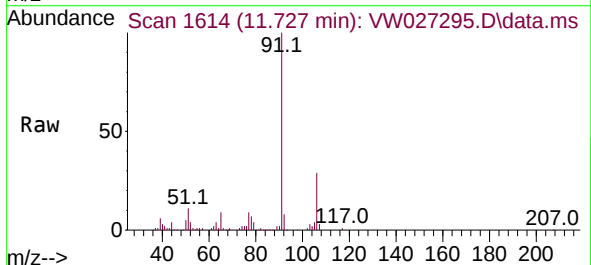
Instrument :
MSVOA_W
ClientSampleId :

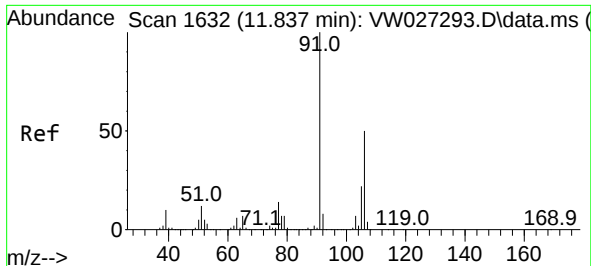
Tgt Ion:112 Resp: 18318
Ion Ratio Lower Upper
112 100
114 30.9 21.8 40.6
77 66.9 52.2 78.4



#52
Ethylbenzene
Concen: 0.953 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 91 Resp: 34333
Ion Ratio Lower Upper
91 100
106 29.4 19.8 36.8

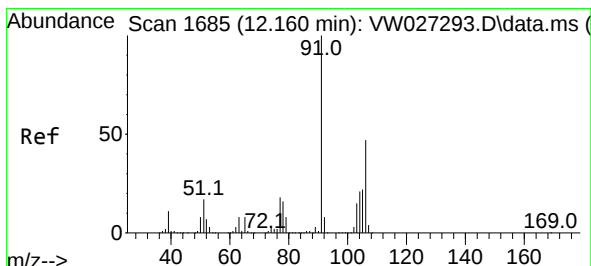
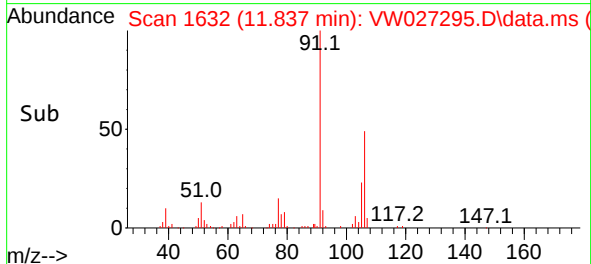
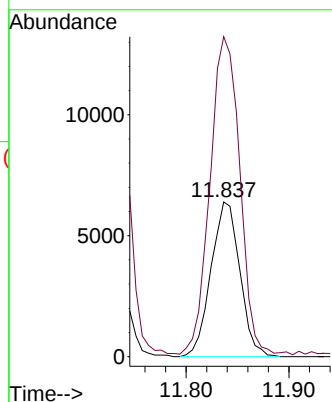
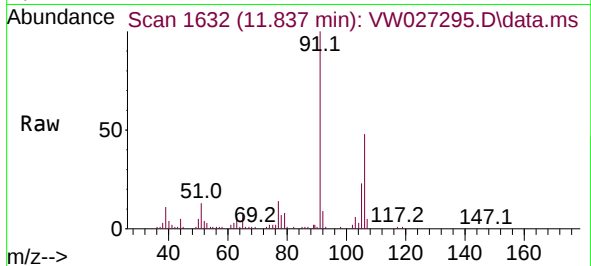




#53
m,p-Xylene
Concen: 0.913 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

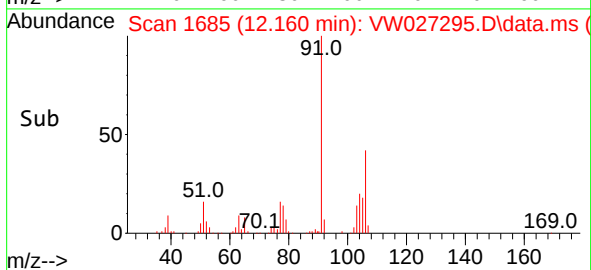
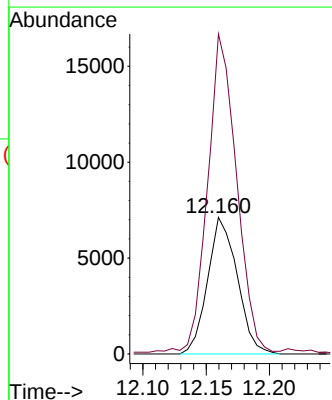
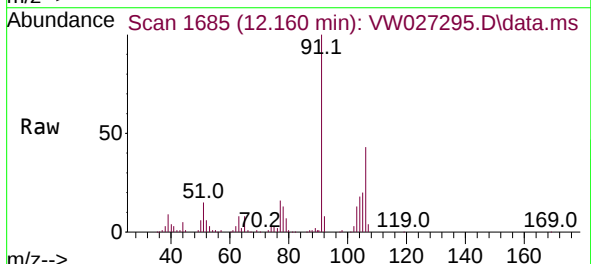
Instrument :
MSVOA_W
ClientSampleId :

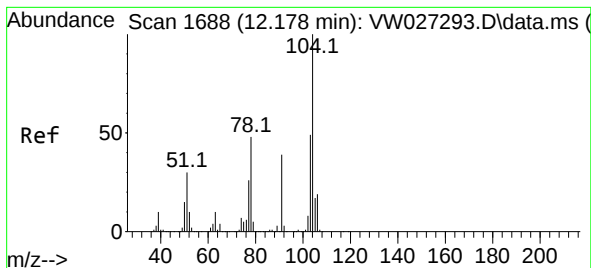
Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	144.5	268.4



#54
o-Xylene
Concen: 0.887 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	234.3	152.0	282.2





#55

Styrene

Concen: 0.925 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

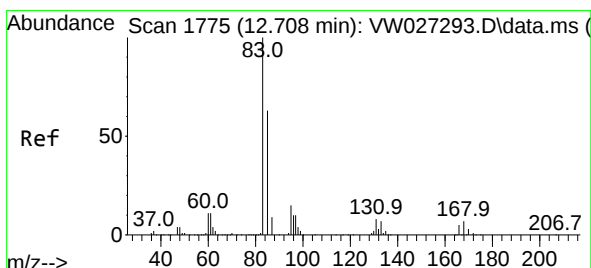
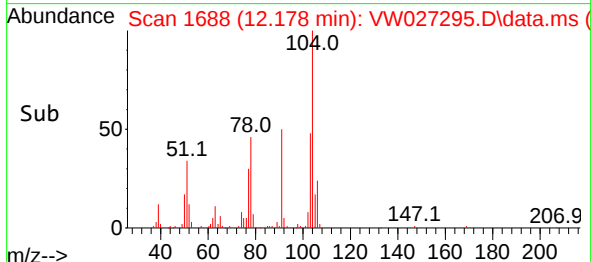
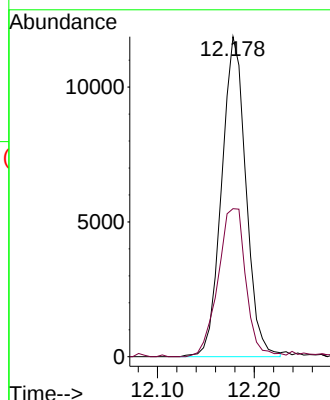
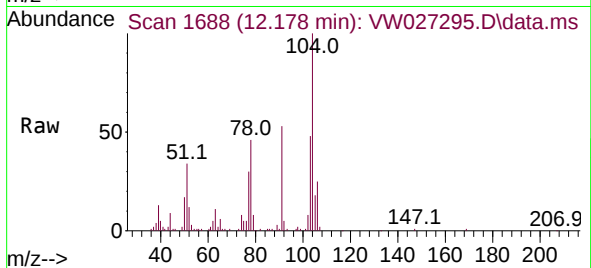
ClientSampleId :

Tgt Ion:104 Resp: 20685

Ion Ratio Lower Upper

104 100

78 46.3 33.2 61.6



#57

1,1,2,2-Tetrachloroethane

Concen: 0.997 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

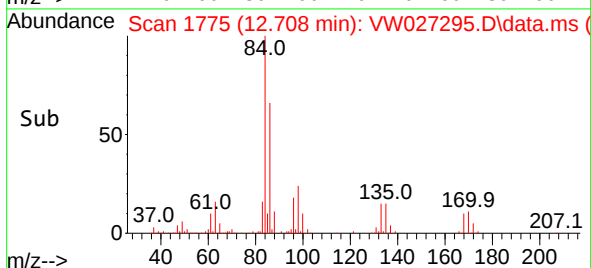
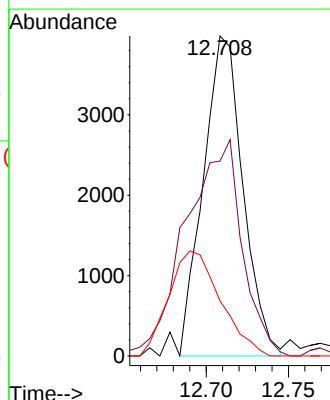
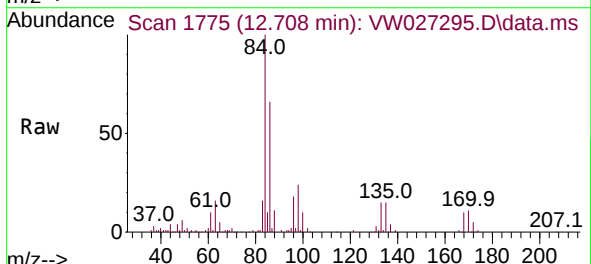
Tgt Ion: 83 Resp: 6695

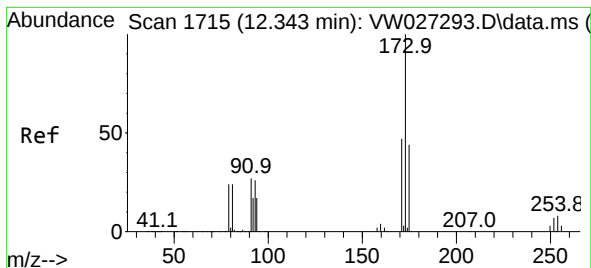
Ion Ratio Lower Upper

83 100

85 60.9 43.2 80.2

131 17.2 7.2 10.8#





#59

Bromoform

Concen: 0.853 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

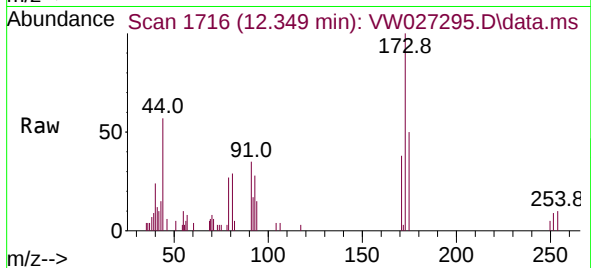
Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :



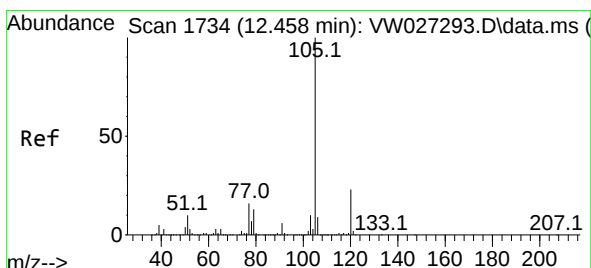
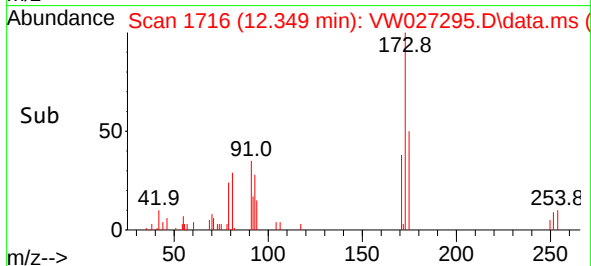
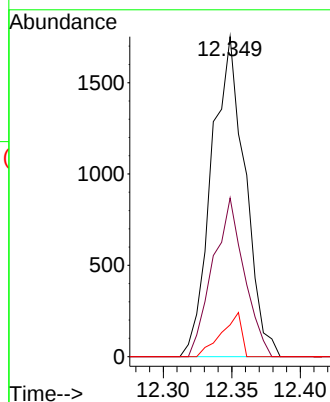
Tgt Ion:173 Resp: 2977

Ion Ratio Lower Upper

173 100

175 46.5 39.6 59.4

254 8.2 6.6 10.0



#60

Isopropylbenzene

Concen: 0.911 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

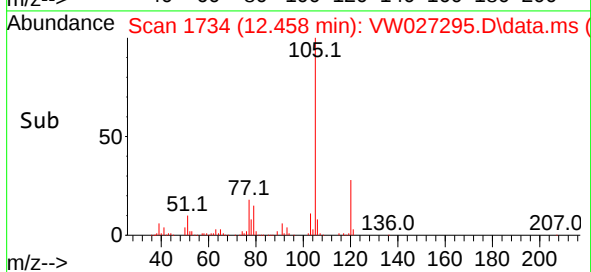
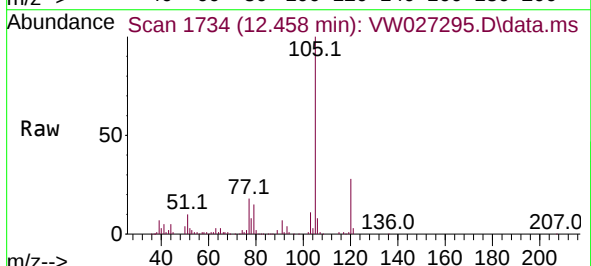
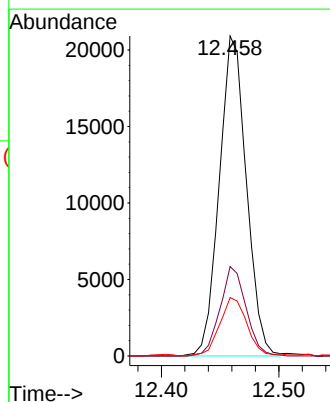
Tgt Ion:105 Resp: 33593

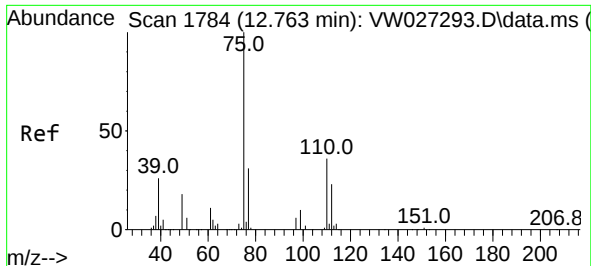
Ion Ratio Lower Upper

105 100

120 26.8 20.1 30.1

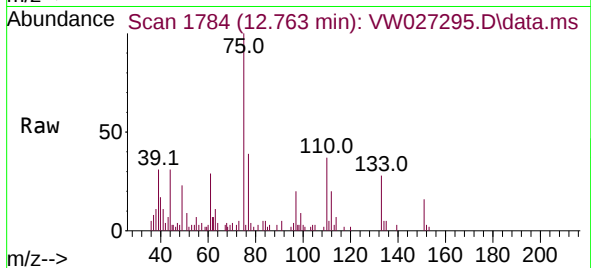
77 18.2 12.9 19.3



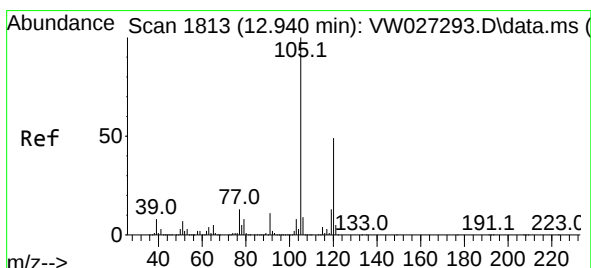
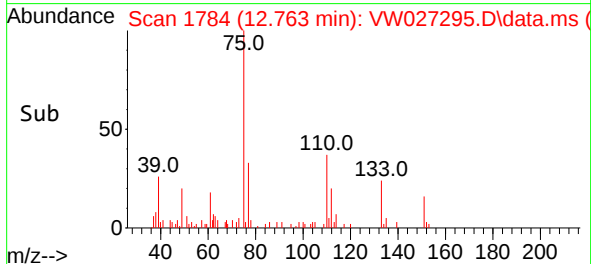
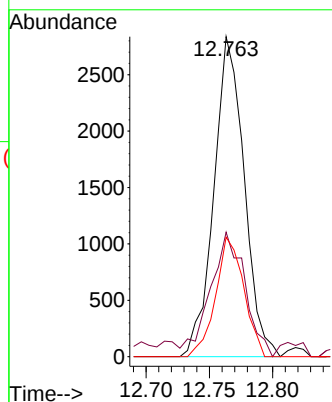


#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Instrument :
MSVOA_W
ClientSampleId :

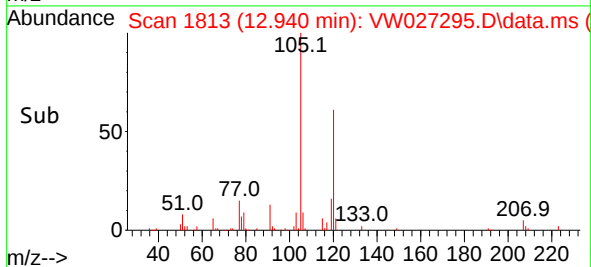
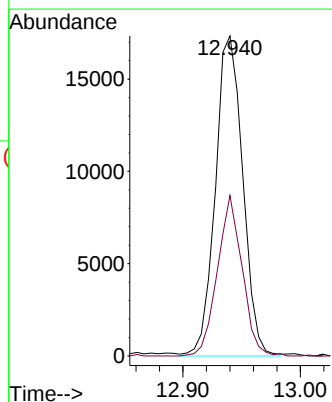
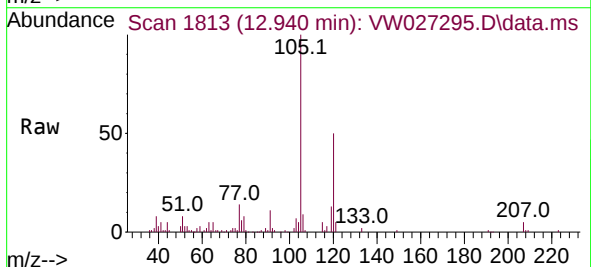


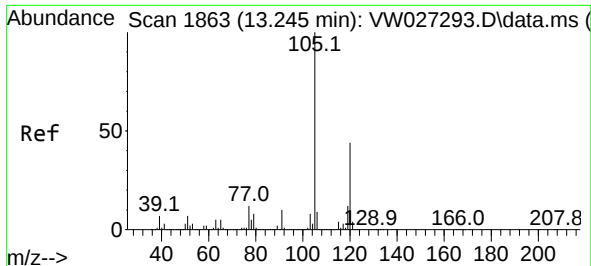
Tgt Ion: 75 Resp: 4721
Ion Ratio Lower Upper
75 100
77 44.4 25.4 38.0#
110 34.8 29.7 44.5



#62
1,3,5-Trimethylbenzene
Concen: 0.912 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion: 105 Resp: 28050
Ion Ratio Lower Upper
105 100
120 45.3 38.8 58.2

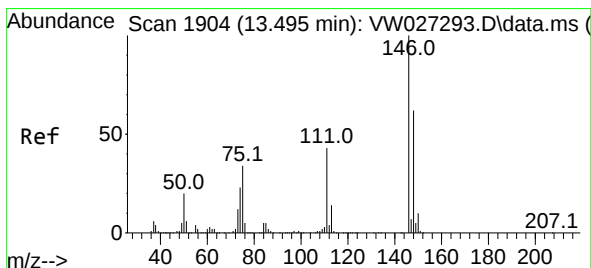
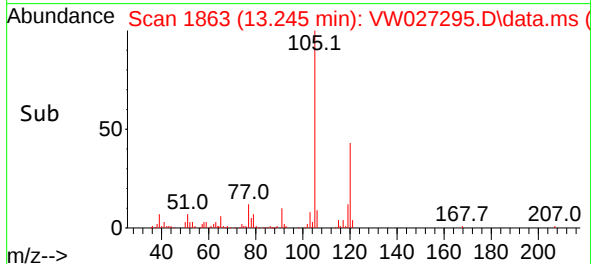
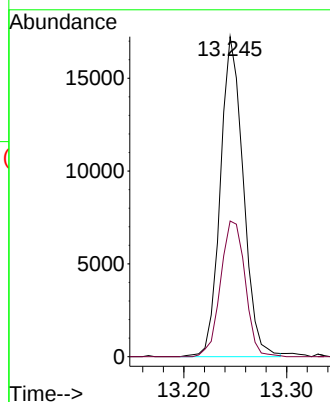
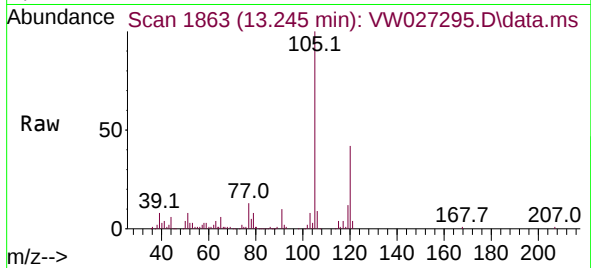




#63
1,2,4-Trimethylbenzene
Concen: 0.888 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

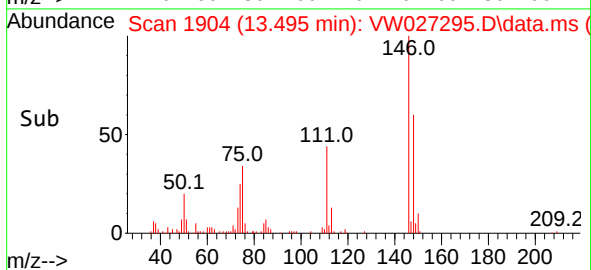
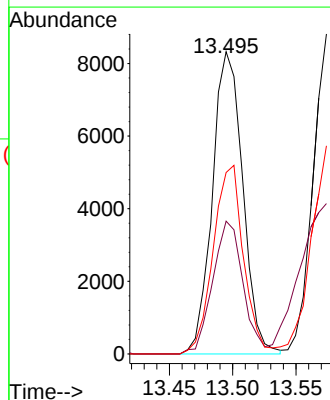
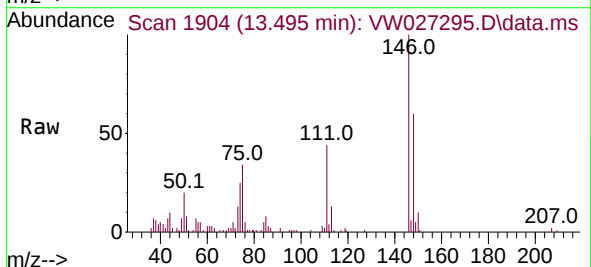
Instrument :
MSVOA_W
ClientSampleId :

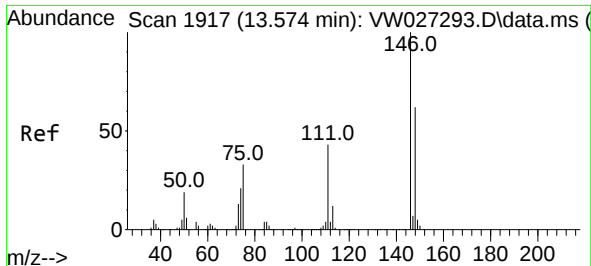
Tgt Ion:105 Resp: 26721
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 0.929 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion:146 Resp: 13884
Ion Ratio Lower Upper
146 100
111 43.9 30.8 57.2
148 60.0 46.3 85.9

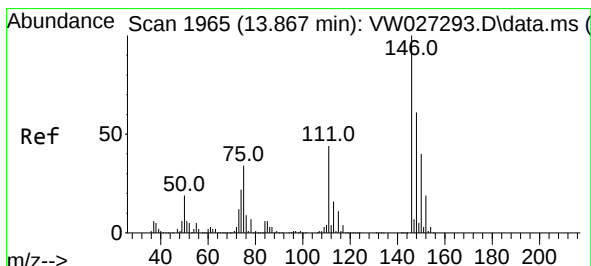
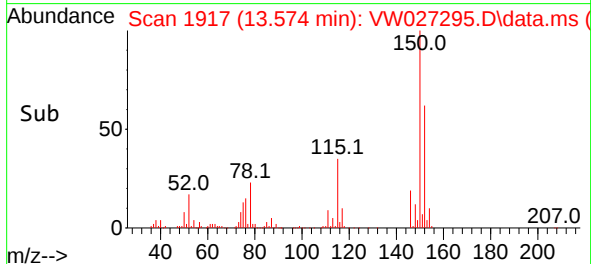
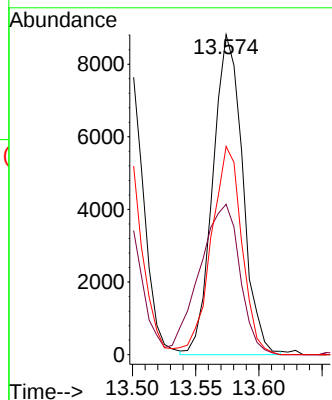
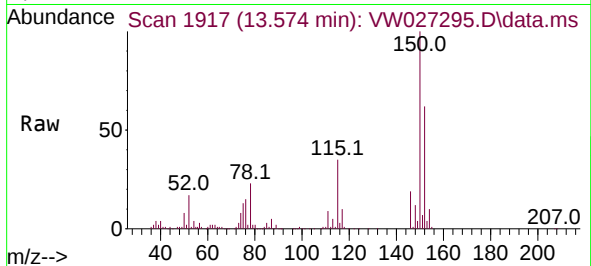




#65
1,4-Dichlorobenzene
Concen: 0.968 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

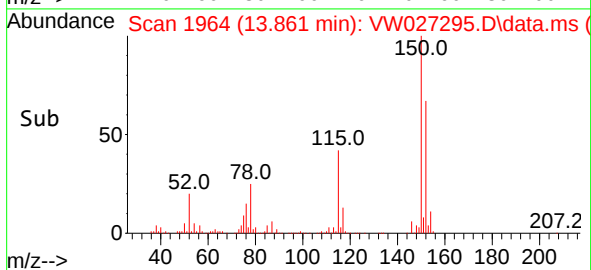
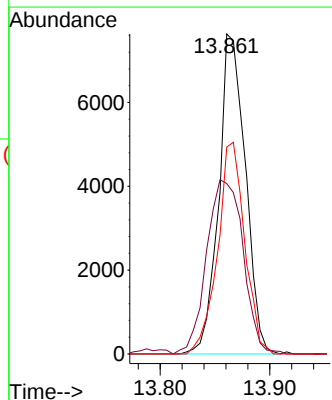
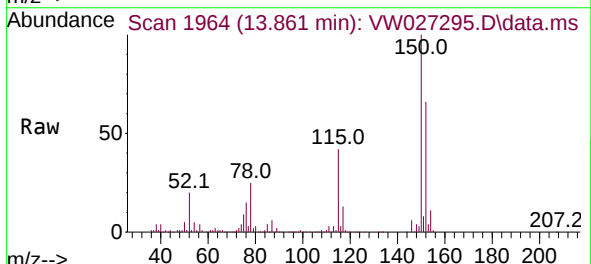
Instrument :
MSVOA_W
ClientSampleId :

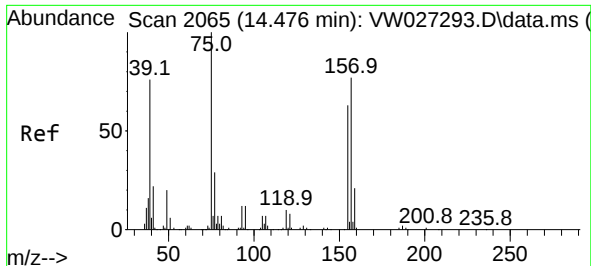
Tgt Ion:146 Resp: 14442
Ion Ratio Lower Upper
146 100
111 47.0 29.5 54.9
148 65.1 43.0 79.8



#67
1,2-Dichlorobenzene
Concen: 0.970 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

Tgt Ion:146 Resp: 12870
Ion Ratio Lower Upper
146 100
111 53.2 36.8 55.2
148 64.6 52.3 78.5





#68

1,2-Dibromo-3-chloropropane

Concen: 1.007 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

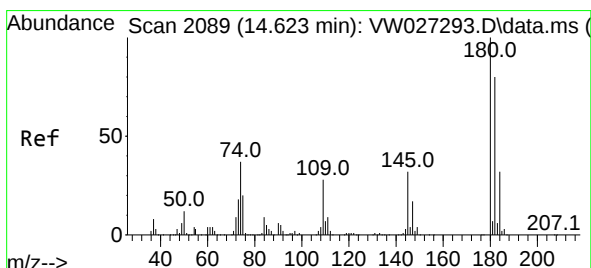
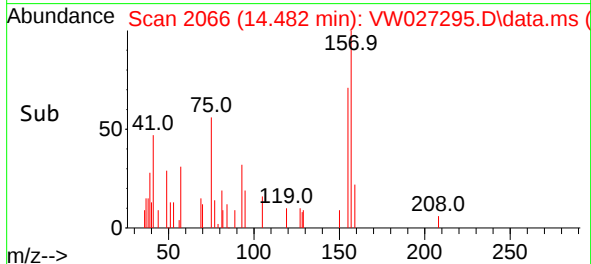
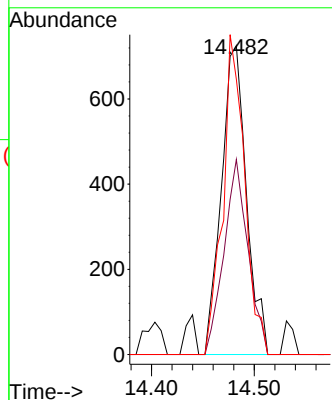
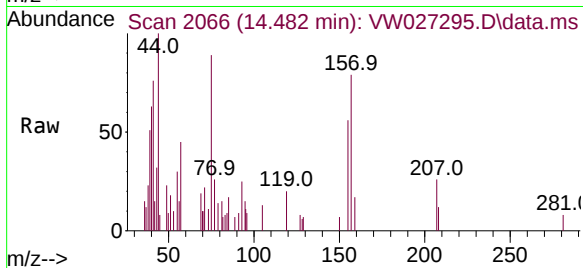
Tgt Ion: 75 Resp: 1289

Ion Ratio Lower Upper

75 100

155 63.2 54.9 82.3

157 89.1 64.7 97.1



#69

1,3,5-Trichlorobenzene

Concen: 1.009 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027295.D

Acq: 12 Oct 2023 14:53

Tgt Ion:180 Resp: 9794

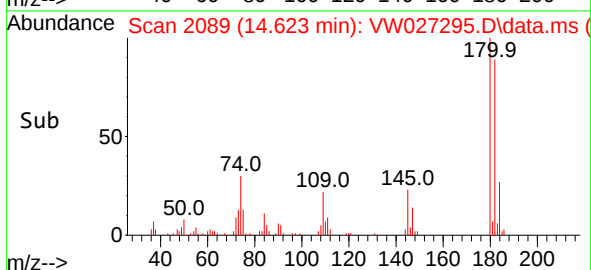
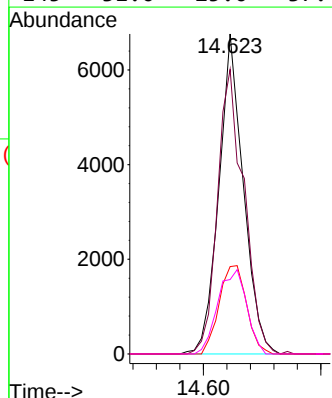
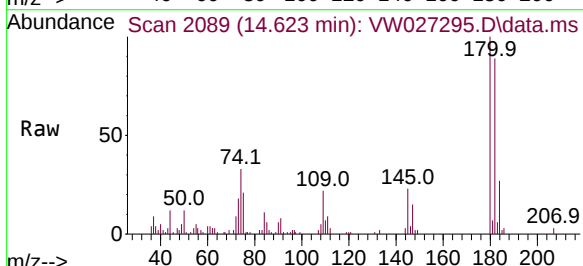
Ion Ratio Lower Upper

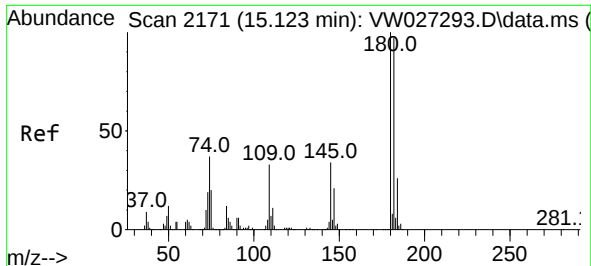
180 100

182 95.6 73.4 110.0

184 30.9 23.3 34.9

145 31.0 25.0 37.4

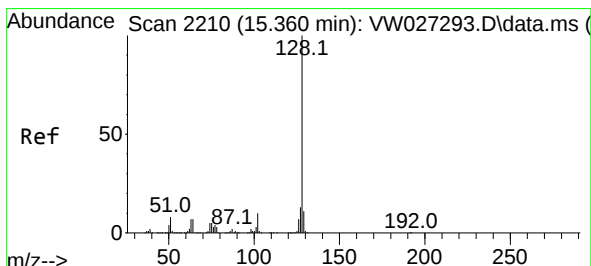
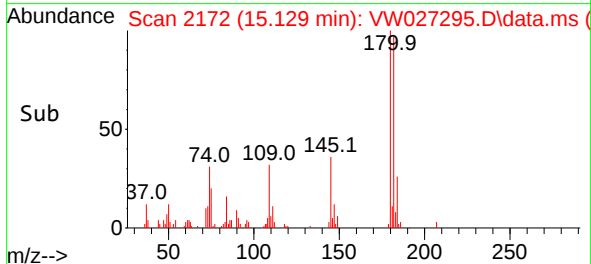
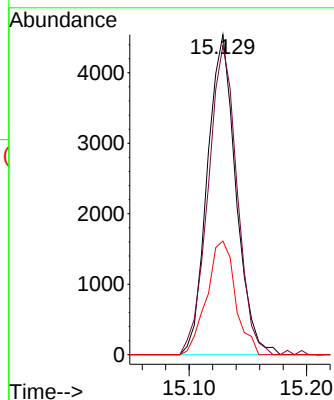
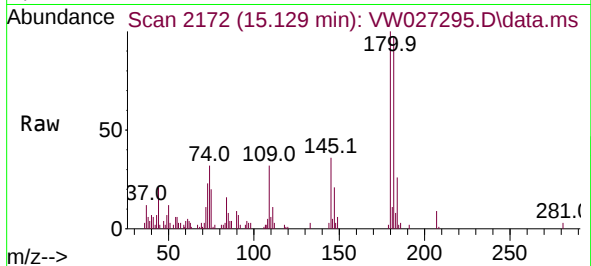




#70
1,2,4-trichlorobenzene
Concen: 0.929 ug/L
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

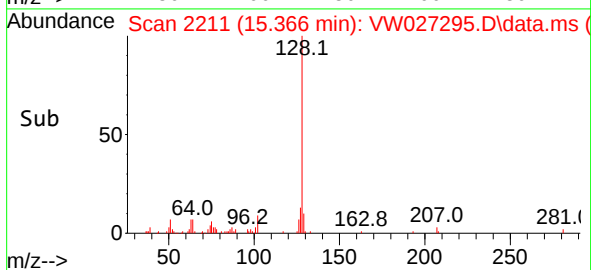
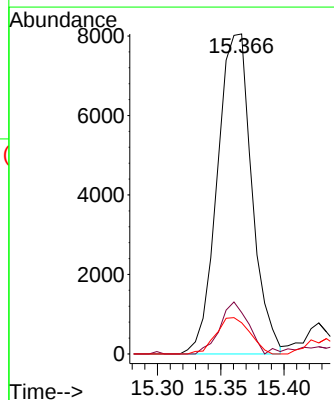
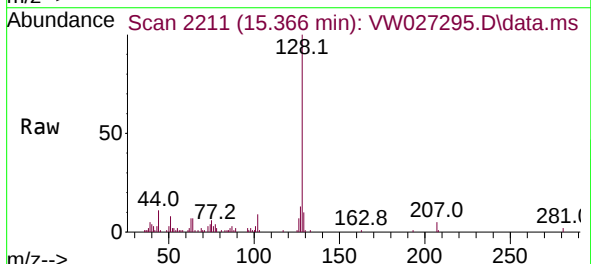
Instrument :
MSVOA_W
ClientSampleId :

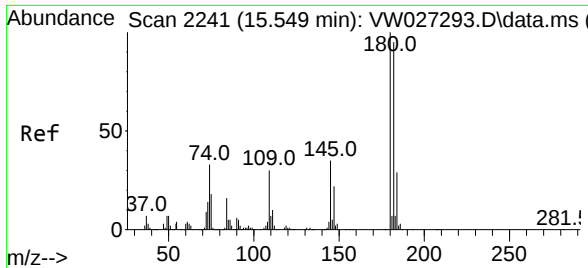
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.5	113.3
145	35.6	26.4	39.6



#71
Naphthalene
Concen: 0.899 ug/L
RT: 15.366 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VW027295.D
Acq: 12 Oct 2023 14:53

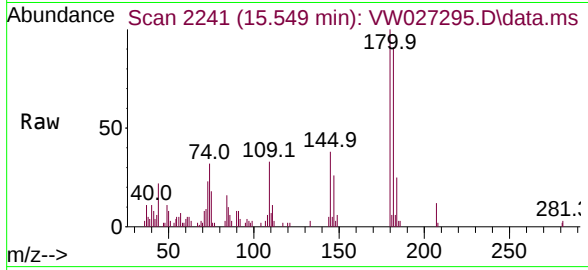
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.1	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.049 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027295.D
 Acq: 12 Oct 2023 14:53

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	7123
Ion Ratio	Lower	Upper	
180	100		
182	92.1	81.1	121.7
145	37.1	30.6	45.8

