

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025773.D
 Acq On : 01 May 2023 12:03
 Operator : SY/MD
 Sample : VSTD00552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

Quant Time: May 02 01:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	691319	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	40145	4.098	ug/L	0.00
7) Chloroethane-d5	2.893	69	32999	4.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	22265	4.539	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31388	9.692	ug/L	0.00
24) Chloroform-d	7.648	84	100977	5.065	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	58049	5.150	ug/L	0.00
32) Benzene-d6	8.276	84	202837	5.076	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	65904	5.155	ug/L	0.00
41) Toluene-d8	10.325	98	180327	5.061	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	25382	4.898	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	19742	9.055	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	49851	5.116	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	58526	5.216	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	29288	3.870	ug/L	99
3) Chloromethane	2.216	50	52203	4.584	ug/L	96
5) Vinyl chloride	2.375	62	55970	4.748	ug/L	97
6) Bromomethane	2.783	94	31183	4.864	ug/L	99
8) Chloroethane	2.930	64	31901	4.760	ug/L	95
9) Trichlorofluoromethane	3.265	101	39046	4.389	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	42833	4.427	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	44699	4.835	ug/L	99
13) Acetone	4.118	43	28957	10.084	ug/L	97
14) Carbon disulfide	4.387	76	152541	4.879	ug/L	100
15) Methyl Acetate	4.673	43	27689	4.893	ug/L	95
16) Methylene chloride	4.917	84	87270	6.121	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	49466	4.904	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	73265	4.786	ug/L #	86
19) 1,1-Dichloroethane	6.216	63	103905	5.014	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	51913	4.797	ug/L	96
22) 2-Butanone	7.173	43	36039	9.089	ug/L	99
23) Bromochloromethane	7.520	128	23127	5.045	ug/L	93
25) Chloroform	7.679	83	95488	5.013	ug/L	99
27) 1,2-Dichloroethane	8.398	62	67897	5.020	ug/L	98
29) Cyclohexane	7.953	56	89832	4.740	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	75164	5.026	ug/L	98
31) Carbon tetrachloride	8.069	117	67284	4.999	ug/L	98
33) Benzene	8.325	78	218129	5.155	ug/L	100
34) Trichloroethene	9.093	95	55713	5.132	ug/L	97
35) Methylcyclohexane	9.337	83	95481	4.945	ug/L	99
37) 1,2-Dichloropropane	9.367	63	59723	5.152	ug/L	99
38) Bromodichloromethane	9.642	83	66947	5.034	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	82200	4.835	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	68972	9.141	ug/L	99
42) Toluene	10.386	91	220971	5.111	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	67295	4.778	ug/L	97

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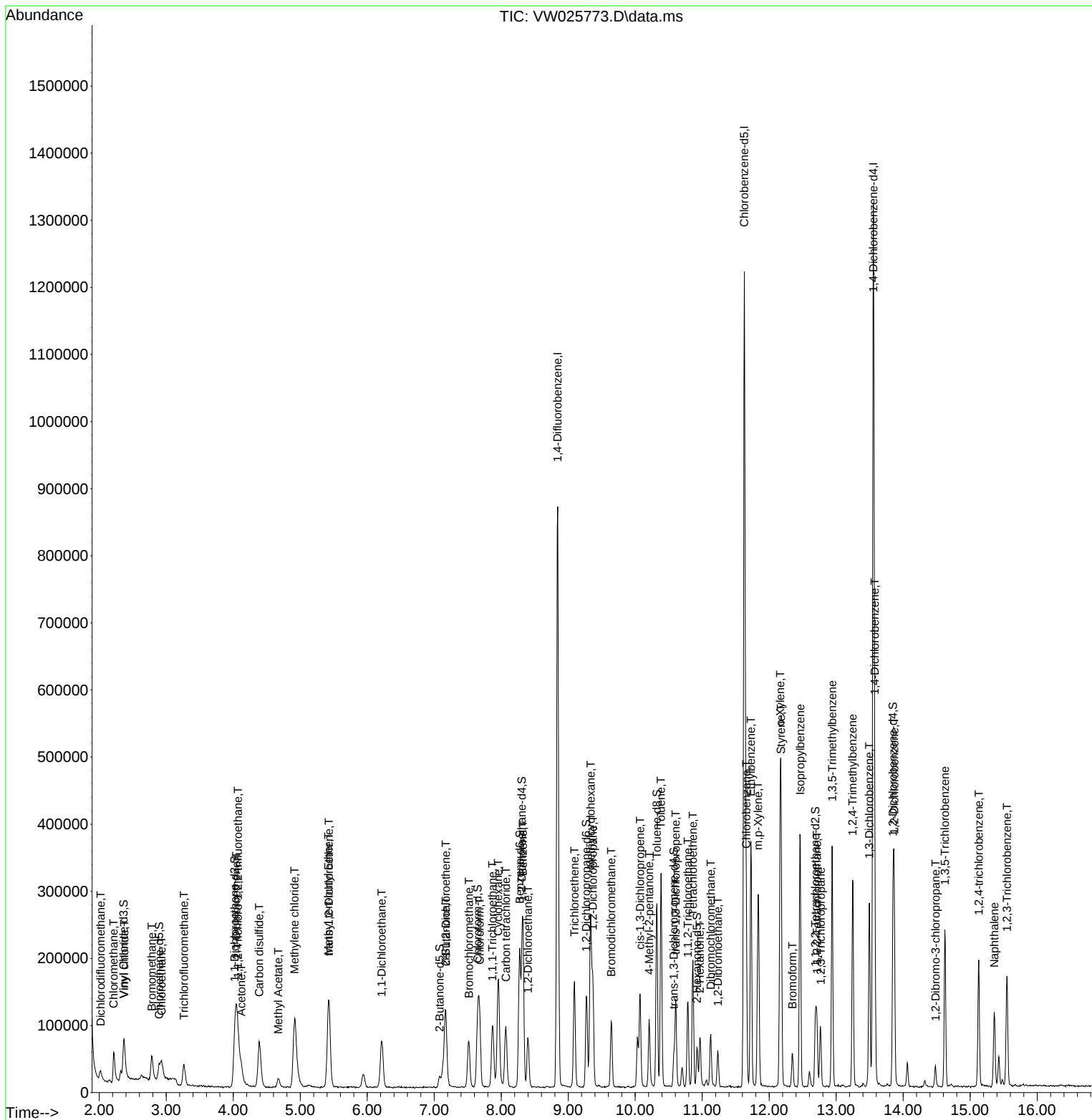
Quant Time: May 02 01:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

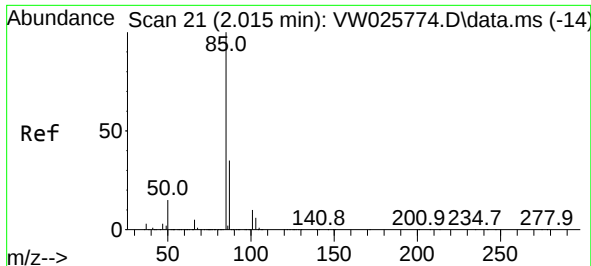
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	39586	5.105	ug/L	97
46) Tetrachloroethene	10.861	164	38904	5.093	ug/L	95
48) 2-Hexanone	10.965	43	48016	8.735	ug/L	97
49) Dibromochloromethane	11.129	129	38127	4.749	ug/L	94
50) 1,2-Dibromoethane	11.233	107	35463	4.961	ug/L #	94
51) Chlorobenzene	11.660	112	137921	5.150	ug/L	97
52) Ethylbenzene	11.727	91	244337	5.024	ug/L	99
53) m,p-Xylene	11.836	106	87351	4.880	ug/L	96
54) o-Xylene	12.166	106	83841	4.970	ug/L	93
55) Styrene	12.178	104	144394	5.001	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	48756	5.039	ug/L	95
59) Bromoform	12.349	173	22636	4.965	ug/L	98
60) Isopropylbenzene	12.464	105	231265	4.943	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	36322	4.993	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	173752	4.689	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	162130	4.741	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	103188	5.123	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	105091	5.165	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	90857	5.058	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	8329	4.938	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	67414	5.042	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	53786	4.802	ug/L	96
71) Naphthalene	15.360	128	92100	4.357	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	49182	4.949	ug/L	99

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

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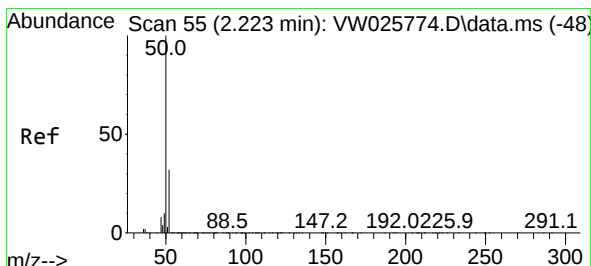
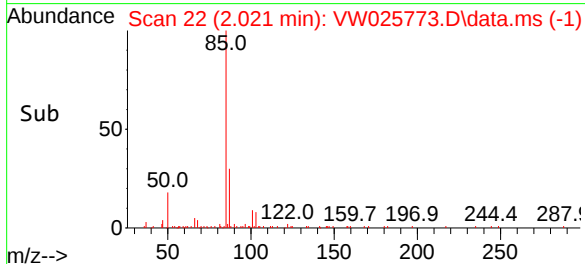
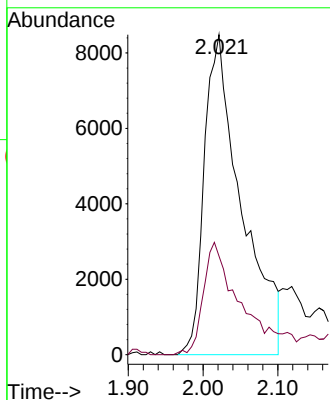
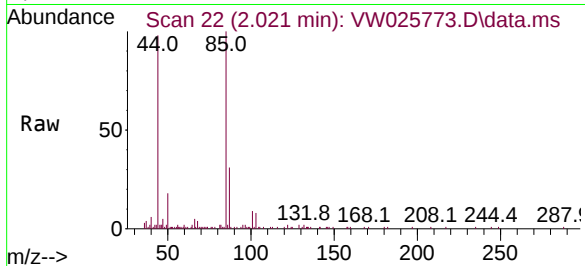




#2
 Dichlorodifluoromethane
 Concen: 3.870 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

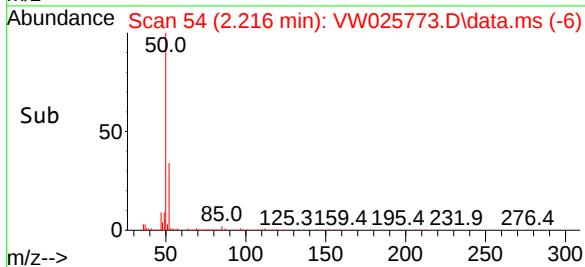
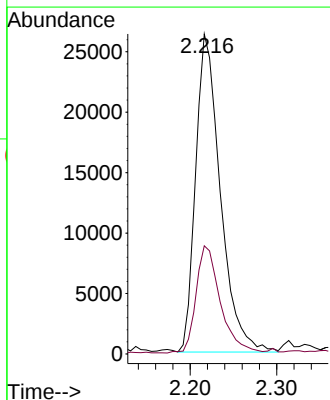
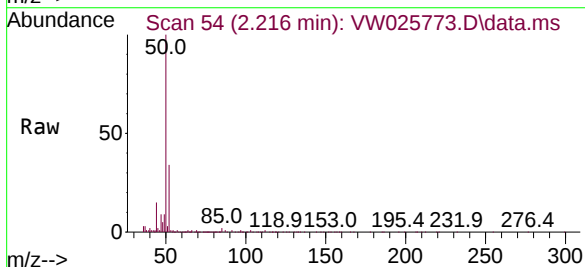
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

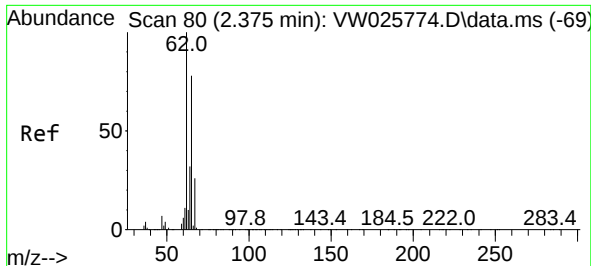
Tgt Ion: 85 Resp: 29288
 Ion Ratio Lower Upper
 85 100
 87 30.4 24.7 37.1



#3
 Chloromethane
 Concen: 4.584 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

Tgt Ion: 50 Resp: 52203
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.1 41.1

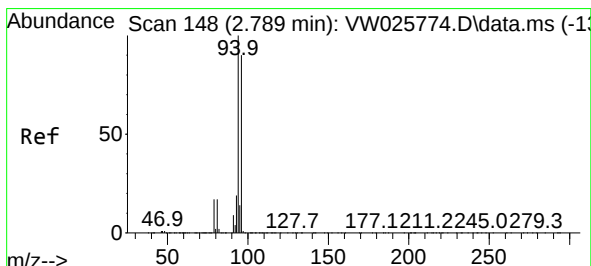
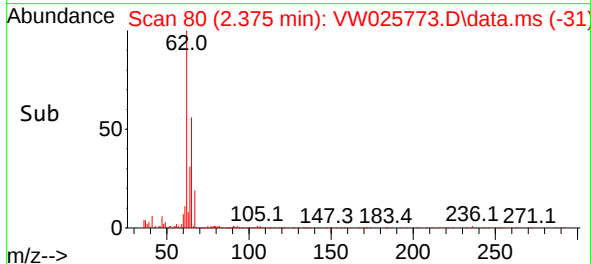
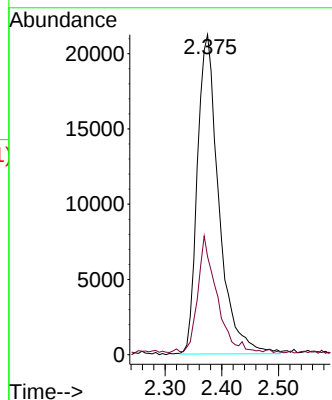
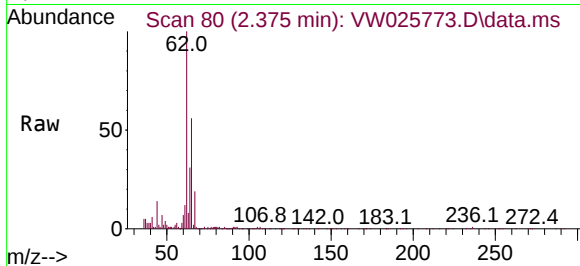




#5
 Vinyl chloride
 Concen: 4.748 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

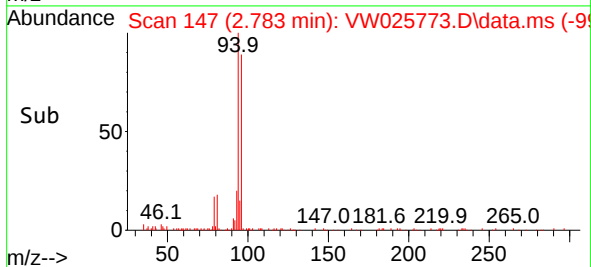
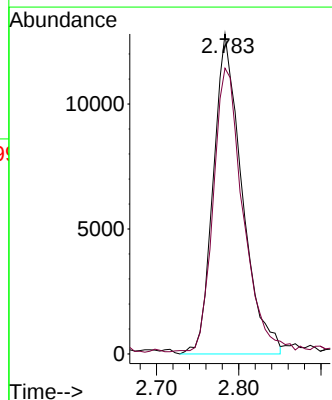
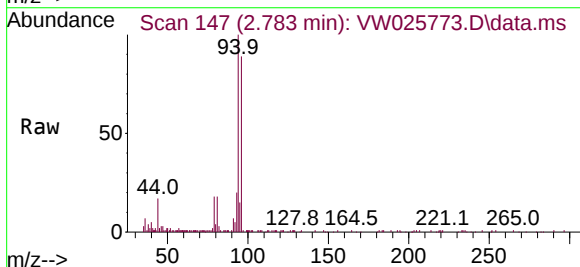
Instrument :
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 ClientSampleId :
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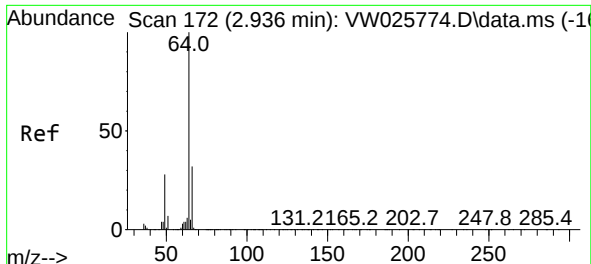
Tgt Ion: 62 Resp: 55970
 Ion Ratio Lower Upper
 62 100
 64 30.7 22.7 42.3



#6
 Bromomethane
 Concen: 4.864 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

Tgt Ion: 94 Resp: 31183
 Ion Ratio Lower Upper
 94 100
 96 89.3 63.1 117.1

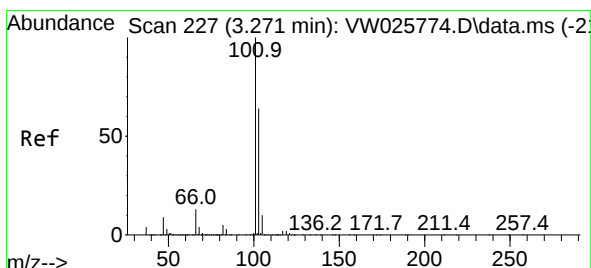
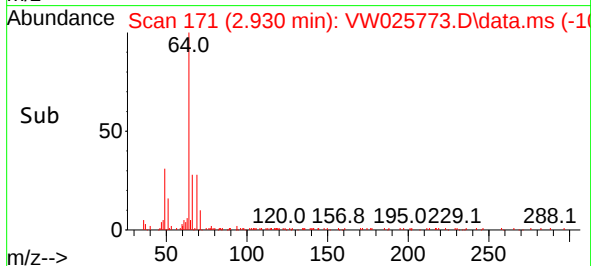
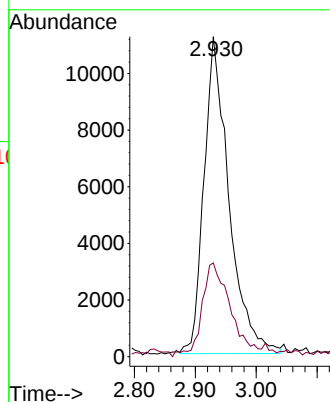
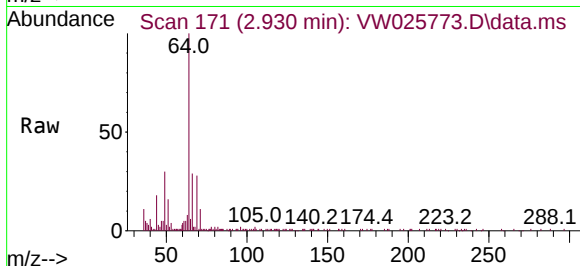




#8
Chloroethane
Concen: 4.760 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

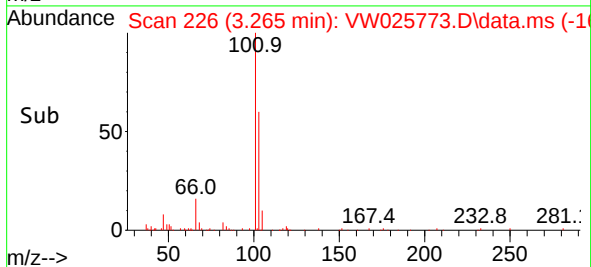
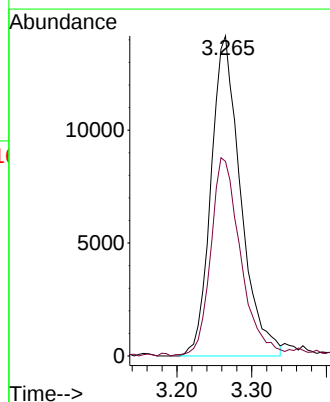
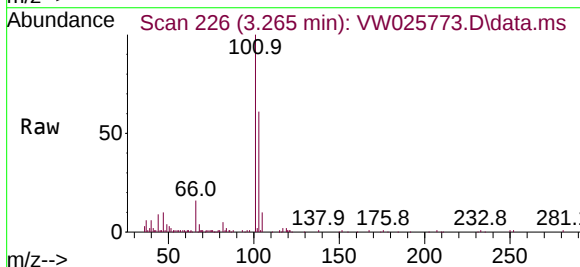
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

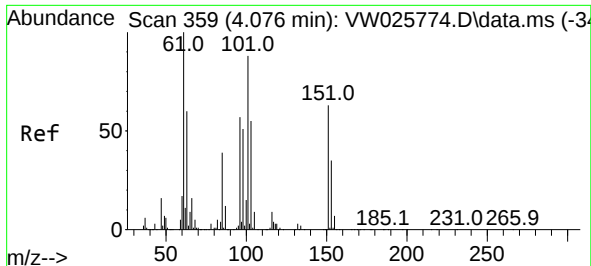
Tgt Ion: 64 Resp: 31901
Ion Ratio Lower Upper
64 100
66 29.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.389 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 101 Resp: 39046
Ion Ratio Lower Upper
101 100
103 62.6 50.6 76.0





#10

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

Concen: 4.427 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

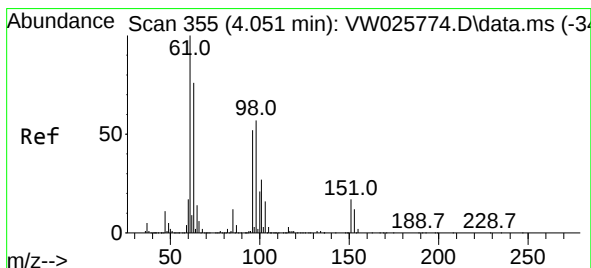
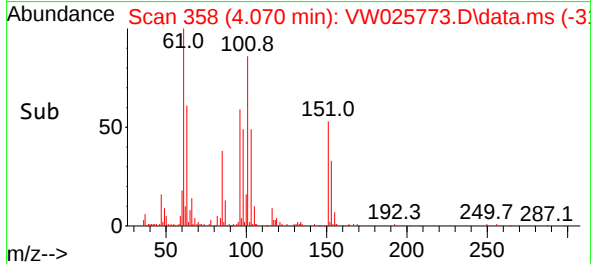
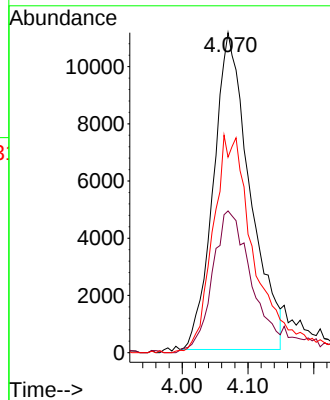
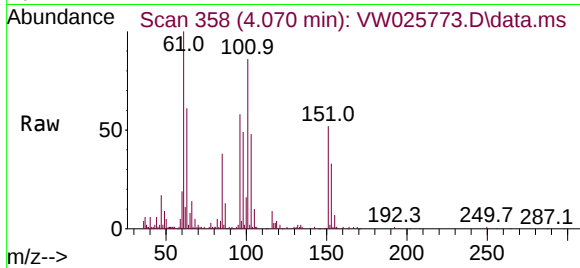
Tgt Ion:101 Resp: 42833

Ion Ratio Lower Upper

101 100

85 47.6 33.9 50.9

151 30.5 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 4.835 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

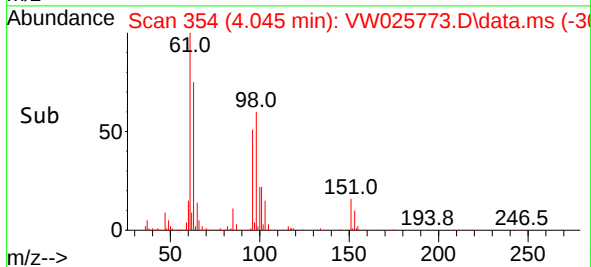
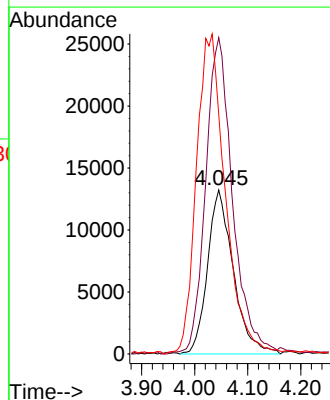
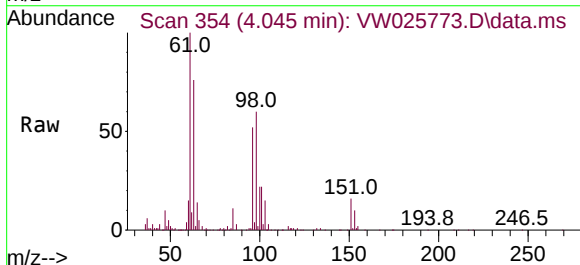
Tgt Ion: 96 Resp: 44699

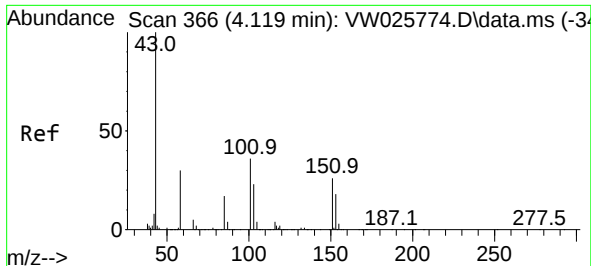
Ion Ratio Lower Upper

96 100

61 192.9 135.0 250.8

63 145.9 104.9 194.7

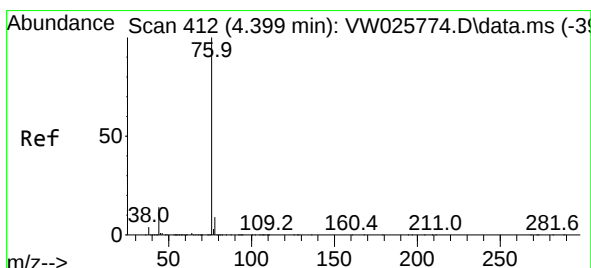
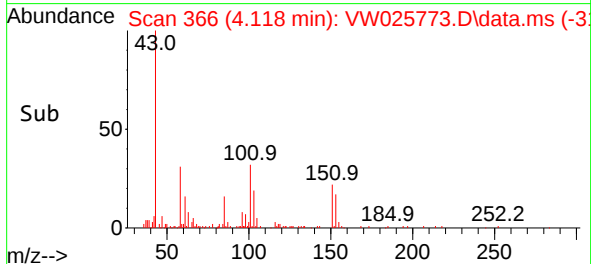
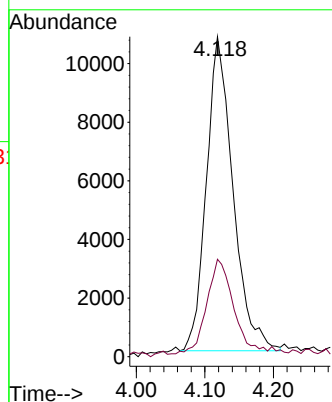
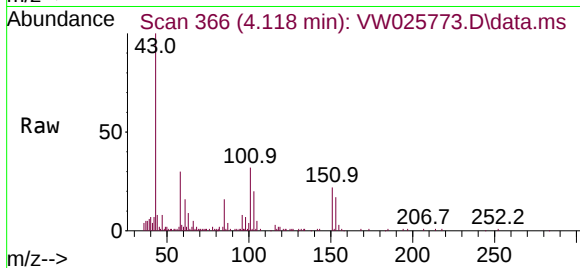




#13
Acetone
Concen: 10.084 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

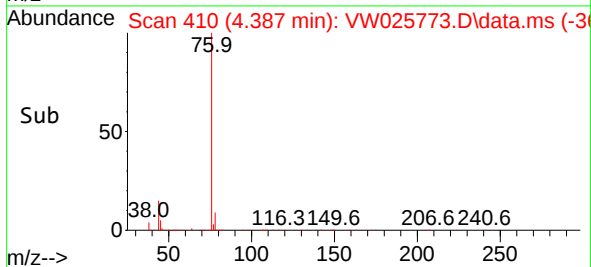
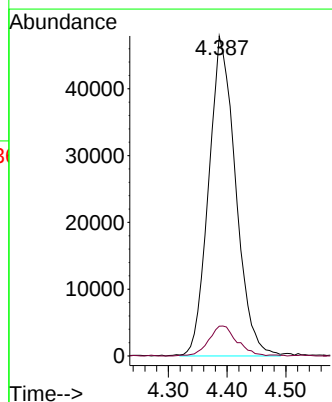
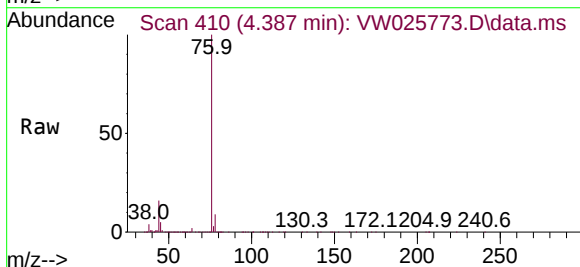
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

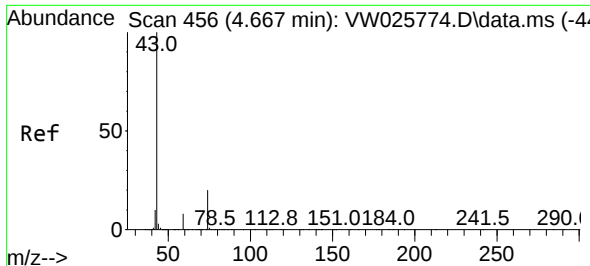
Tgt Ion: 43 Resp: 28957
Ion Ratio Lower Upper
43 100
58 30.6 0.0 58.2



#14
Carbon disulfide
Concen: 4.879 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 76 Resp: 152541
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

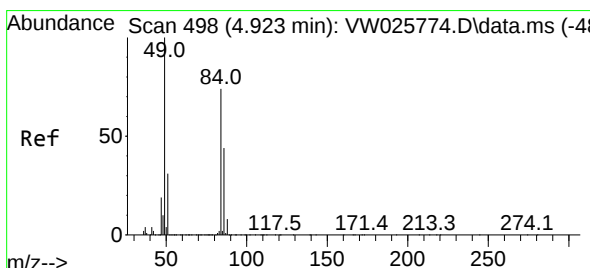
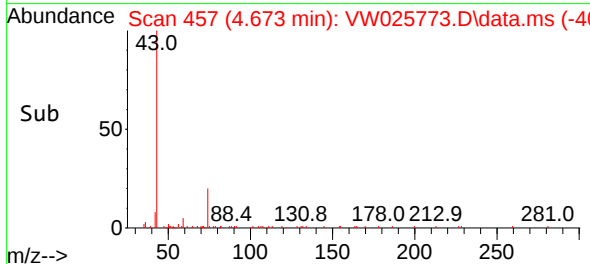
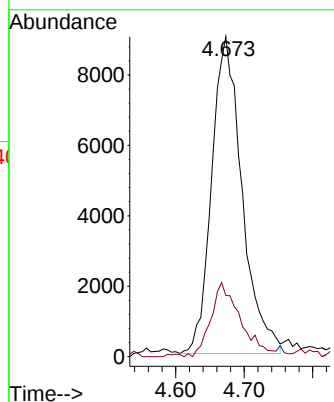
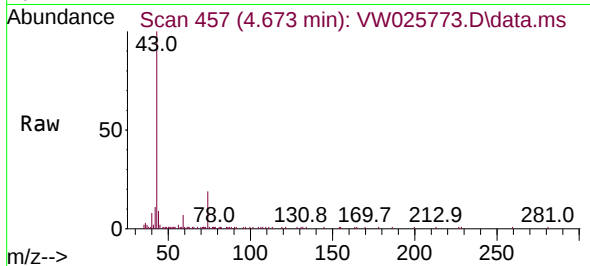




#15
Methyl Acetate
Concen: 4.893 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

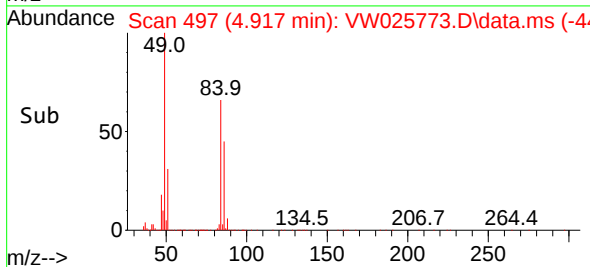
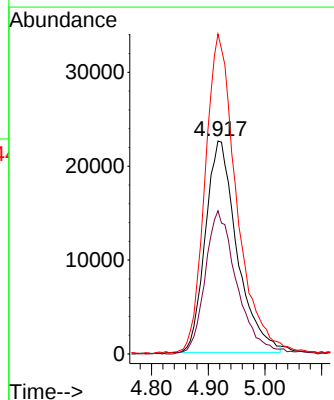
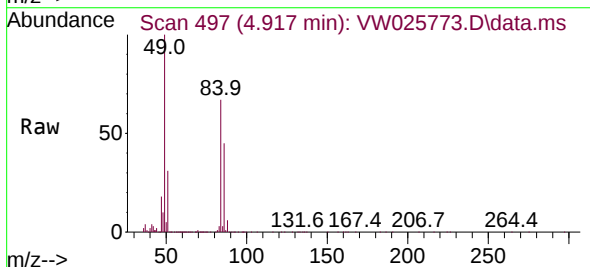
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

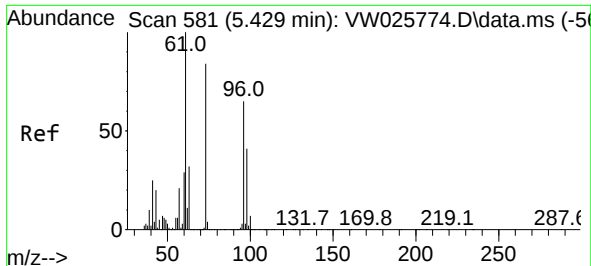
Tgt Ion: 43 Resp: 27689
Ion Ratio Lower Upper
43 100
74 22.7 16.5 24.7



#16
Methylene chloride
Concen: 6.121 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 84 Resp: 87270
Ion Ratio Lower Upper
84 100
86 67.3 41.7 77.5
49 150.3 95.3 177.1





#17

trans-1,2-Dichloroethene

Concen: 4.904 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

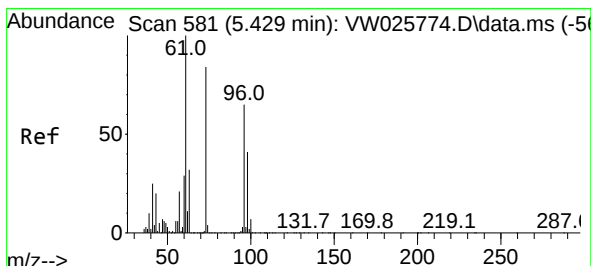
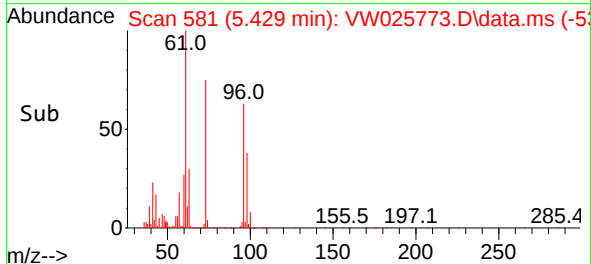
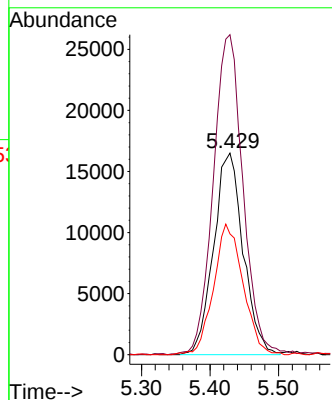
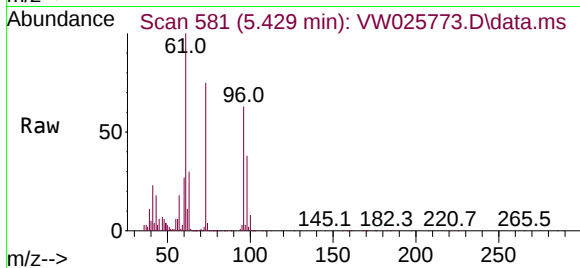
Tgt Ion: 96 Resp: 49466

Ion Ratio Lower Upper

96 100

61 158.7 108.1 200.9

98 60.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 4.786 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

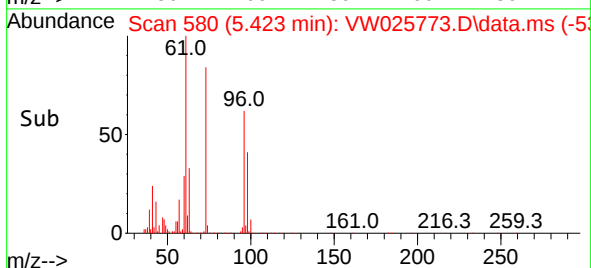
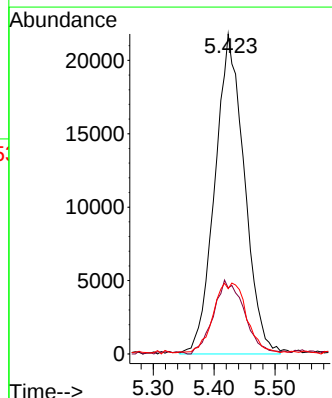
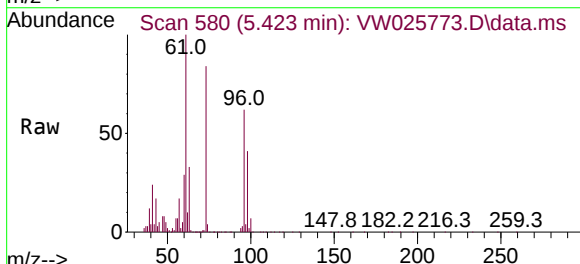
Tgt Ion: 73 Resp: 73265

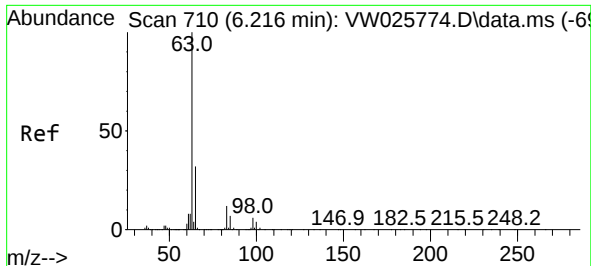
Ion Ratio Lower Upper

73 100

43 24.2 18.2 27.4

57 11.7 19.2 28.8





#19

1,1-Dichloroethane

Concen: 5.014 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

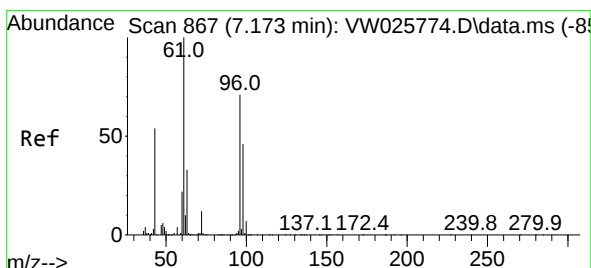
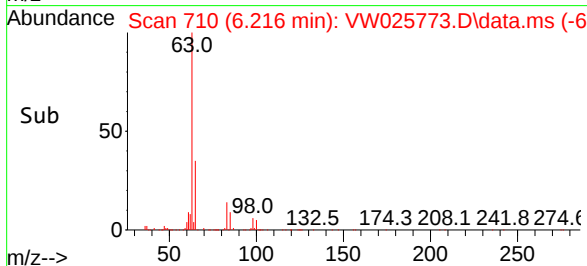
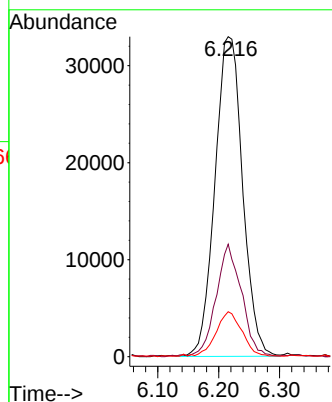
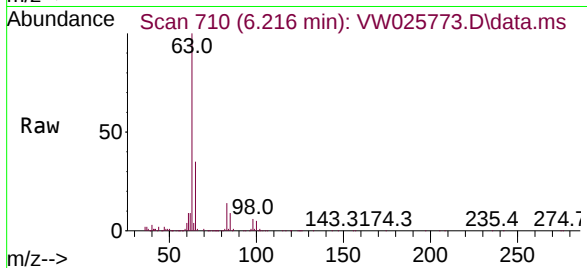
Tgt Ion: 63 Resp: 103905

Ion Ratio Lower Upper

63 100

65 35.2 22.4 41.6

83 14.0 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 4.797 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

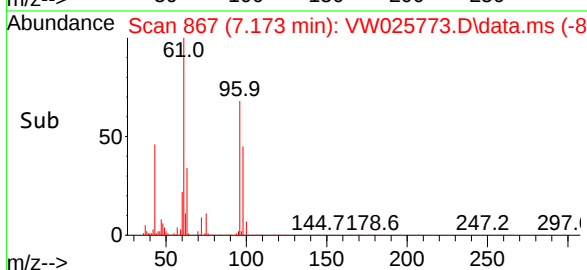
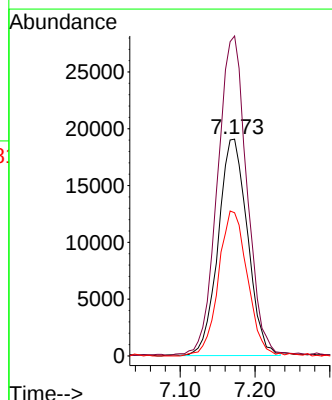
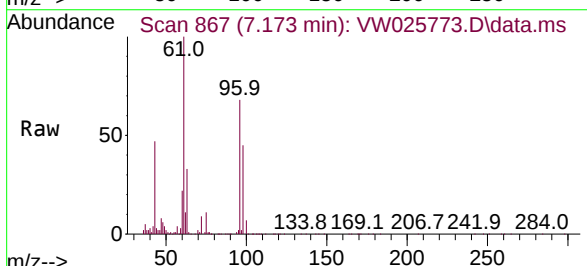
Tgt Ion: 96 Resp: 51913

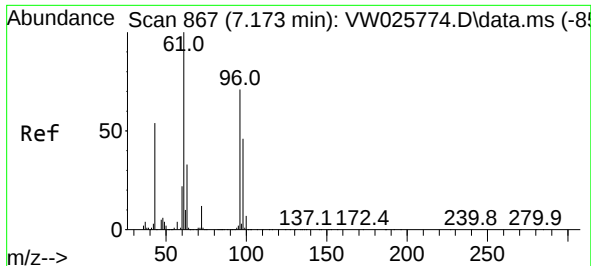
Ion Ratio Lower Upper

96 100

61 147.6 98.6 183.0

98 66.0 45.2 84.0

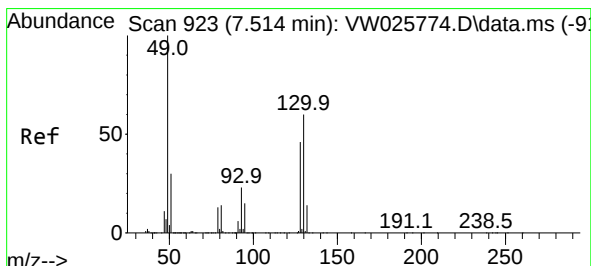
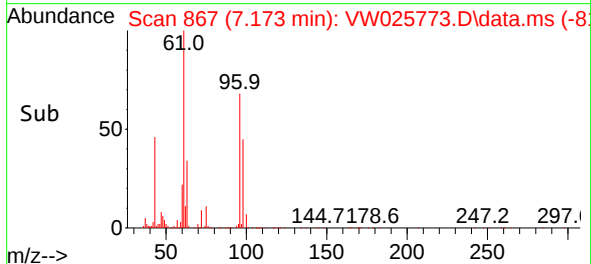
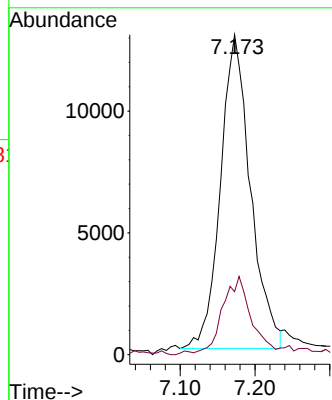
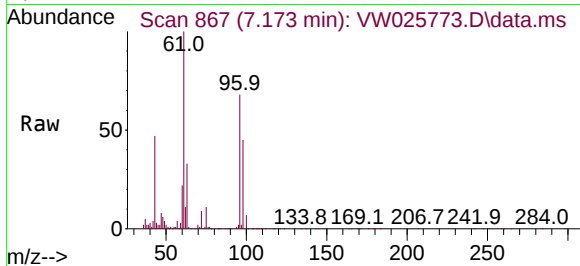




#22
2-Butanone
Concen: 9.089 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

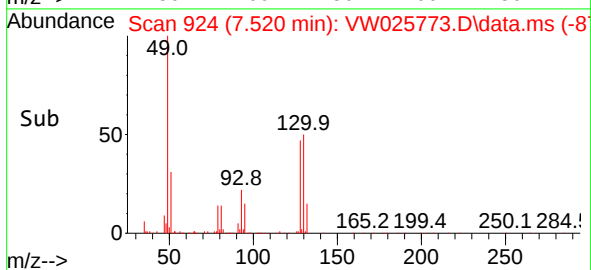
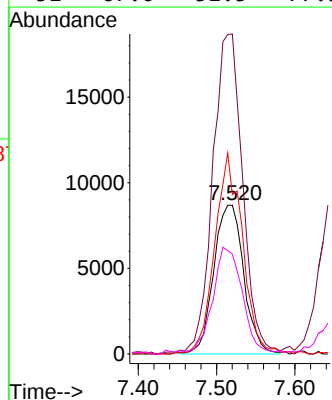
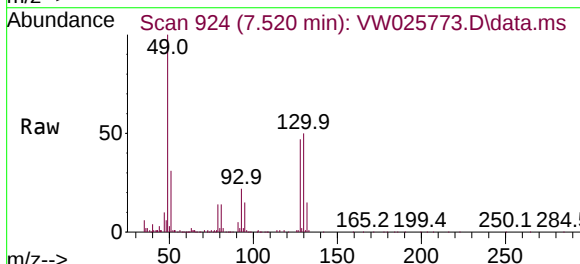
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

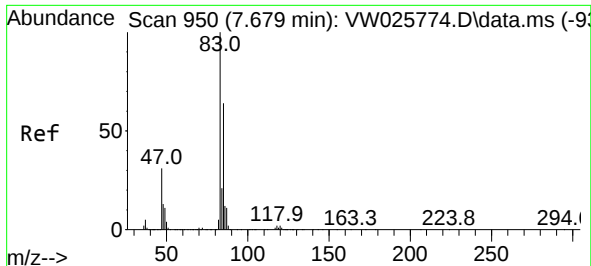
Tgt Ion: 43 Resp: 36039
Ion Ratio Lower Upper
43 100
72 23.0 11.8 35.4



#23
Bromochloromethane
Concen: 5.045 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 128 Resp: 23127
Ion Ratio Lower Upper
128 100
49 215.0 151.5 281.5
130 107.0 91.3 169.6
51 67.0 51.5 77.3

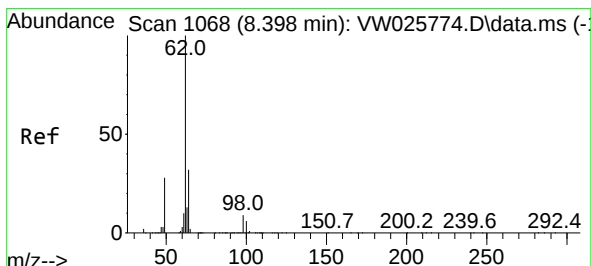
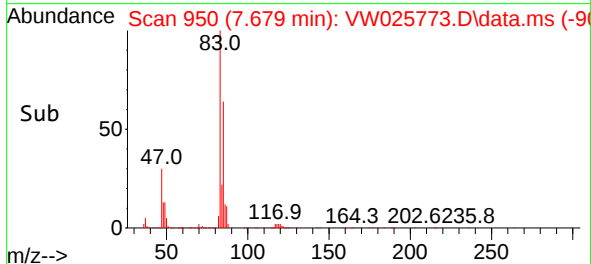
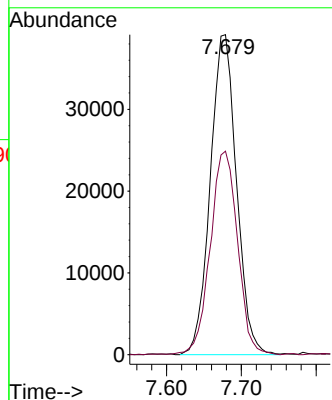
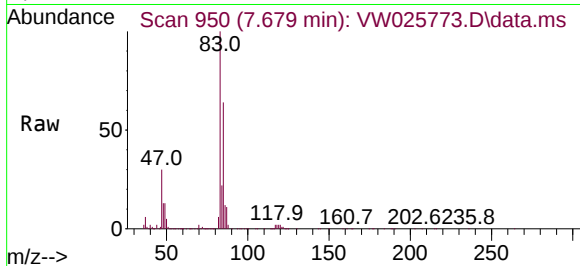




#25
Chloroform
Concen: 5.013 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

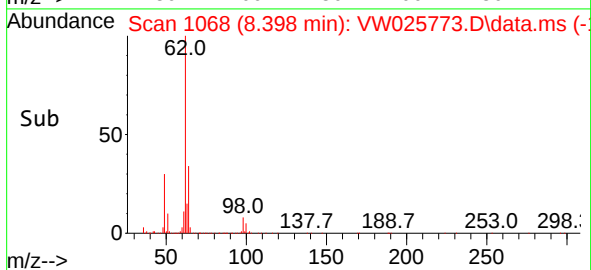
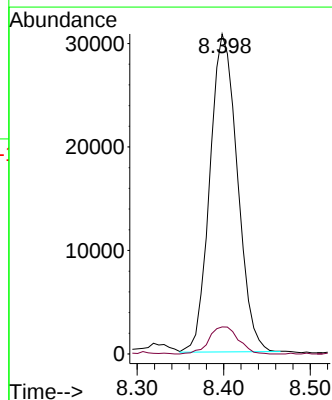
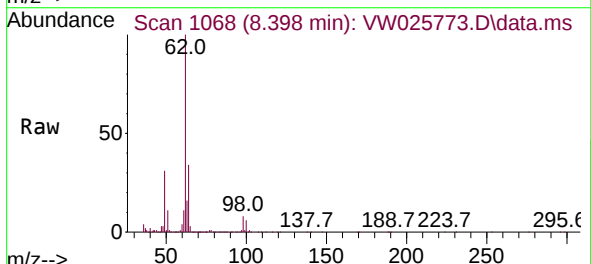
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

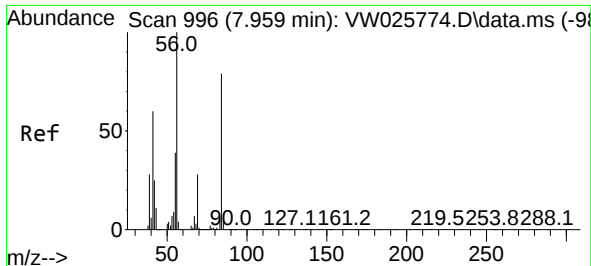
Tgt Ion: 83 Resp: 95488
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.020 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 62 Resp: 67897
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#29

Cyclohexane

Concen: 4.740 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

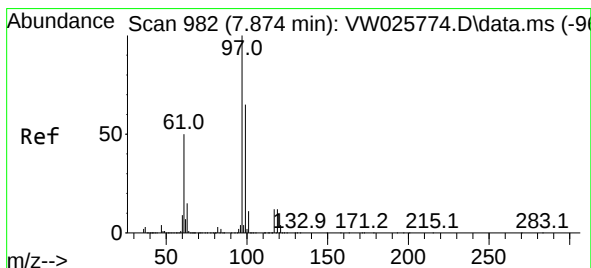
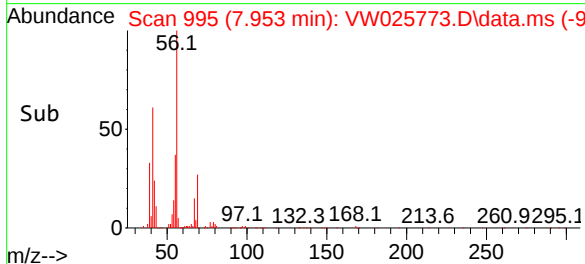
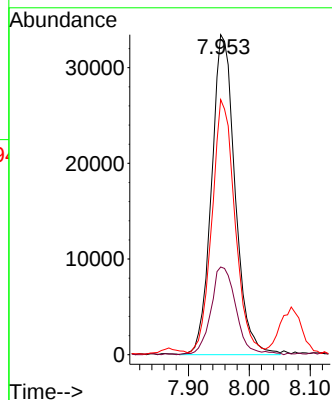
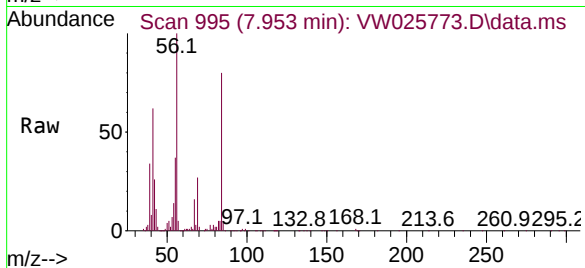
Tgt Ion: 56 Resp: 89832

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 78.1 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 5.026 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

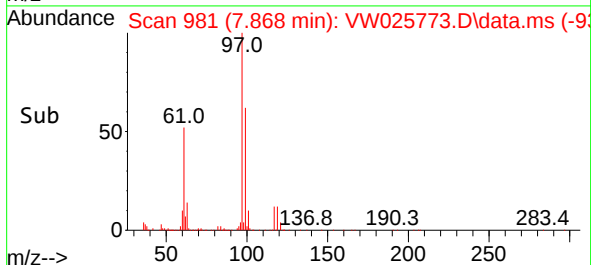
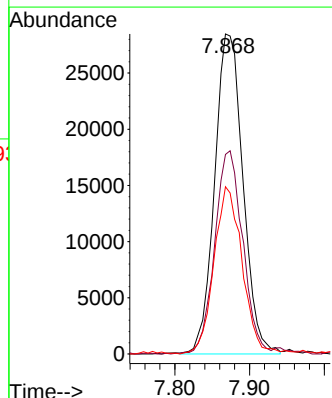
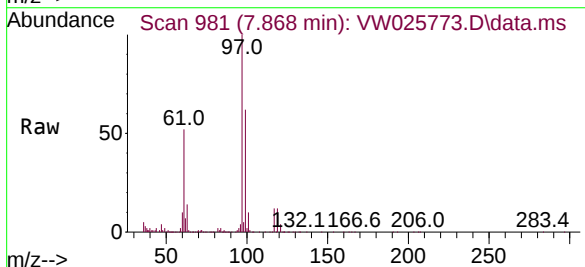
Tgt Ion: 97 Resp: 75164

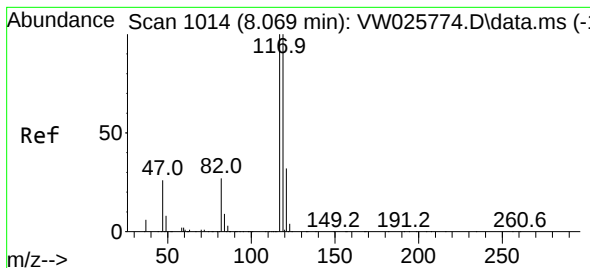
Ion Ratio Lower Upper

97 100

99 62.6 51.1 76.7

61 51.8 40.4 60.6





#31

Carbon tetrachloride

Concen: 4.999 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

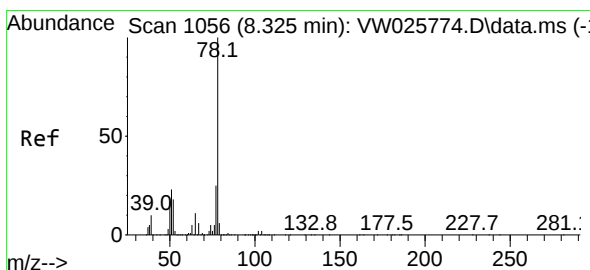
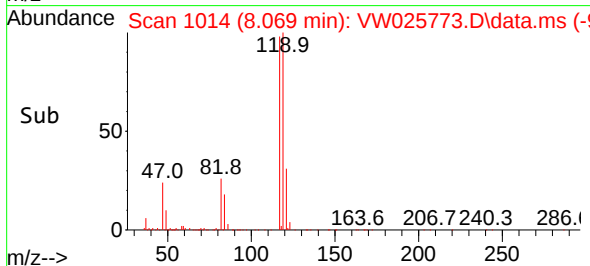
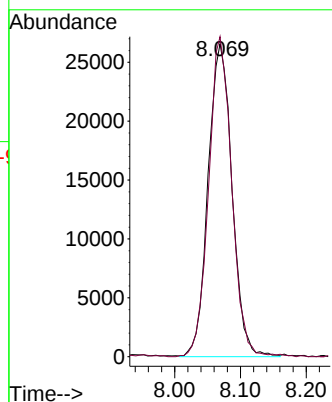
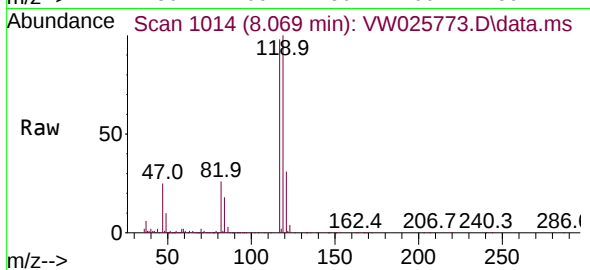
VSTD005452

Tgt Ion:117 Resp: 67284

Ion Ratio Lower Upper

117 100

119 98.2 76.9 115.3



#33

Benzene

Concen: 5.155 ug/L

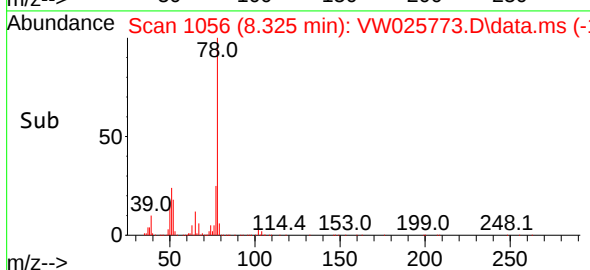
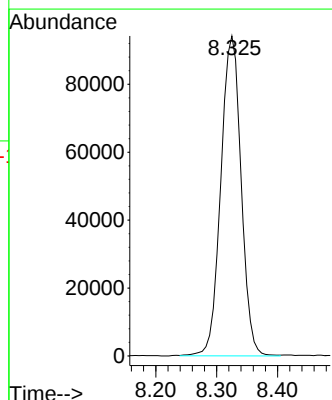
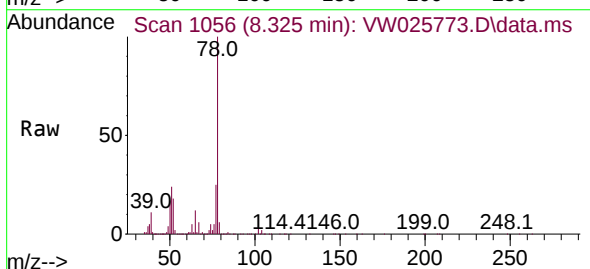
RT: 8.325 min Scan# 1056

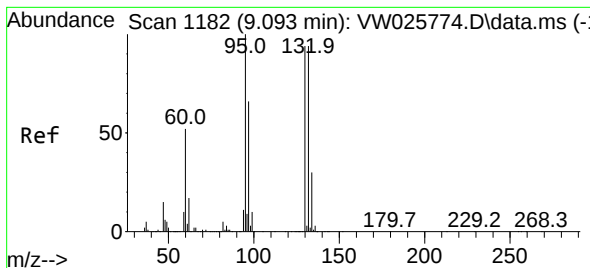
Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Tgt Ion: 78 Resp: 218129





#34

Trichloroethene

Concen: 5.132 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

Tgt Ion: 95 Resp: 55713

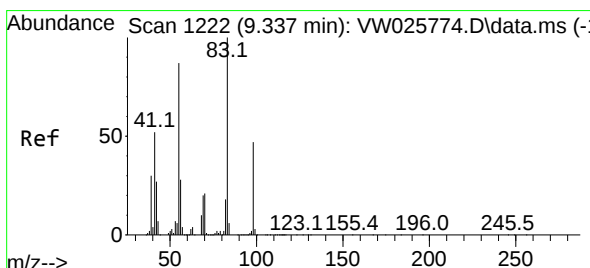
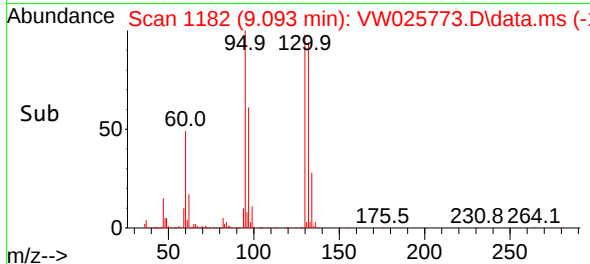
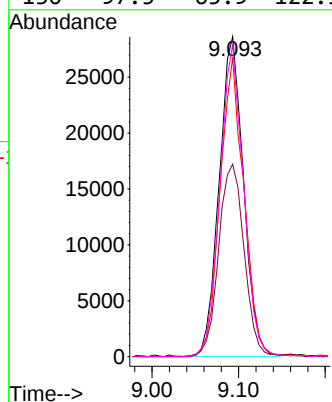
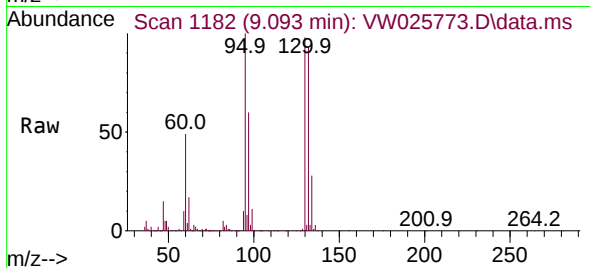
Ion Ratio Lower Upper

95 100

97 60.2 45.9 85.3

132 93.4 66.0 122.6

130 97.5 65.9 122.3



#35

Methylcyclohexane

Concen: 4.945 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

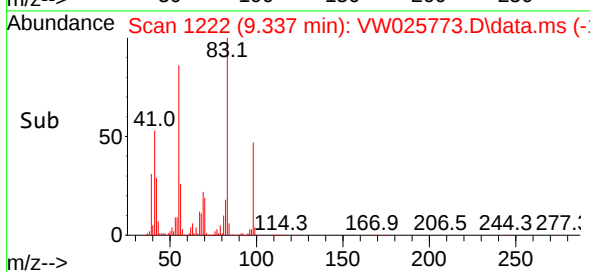
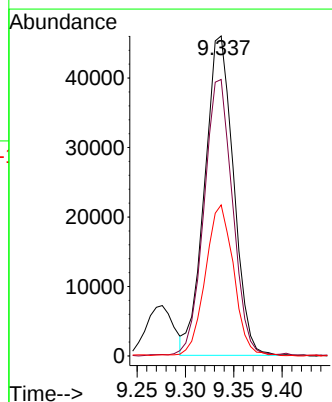
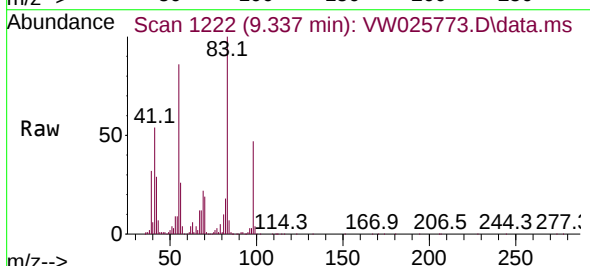
Tgt Ion: 83 Resp: 95481

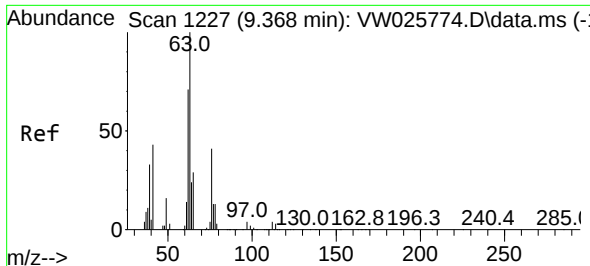
Ion Ratio Lower Upper

83 100

55 85.5 69.0 103.4

98 46.1 37.1 55.7





#37

1,2-Dichloropropane

Concen: 5.152 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

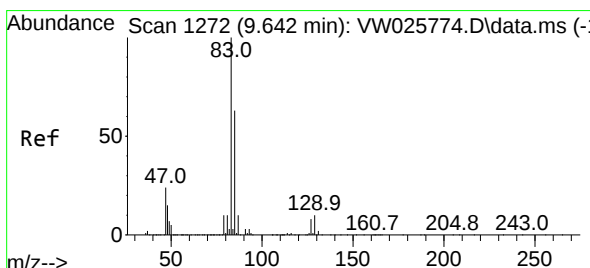
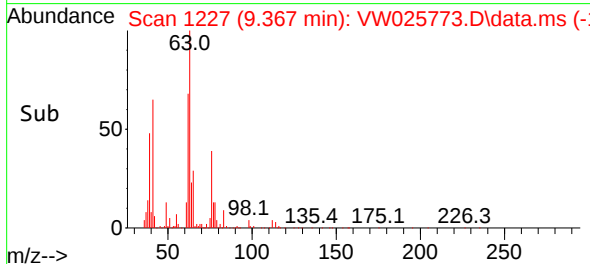
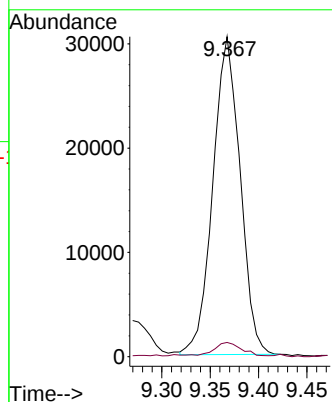
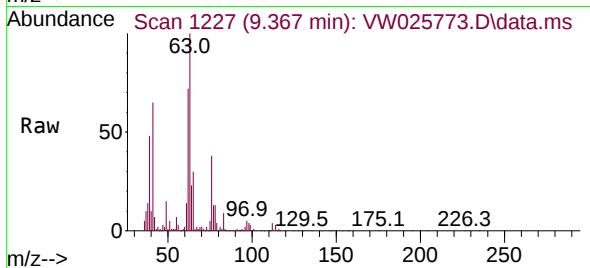
VSTD005452

Tgt Ion: 63 Resp: 59723

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 5.034 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

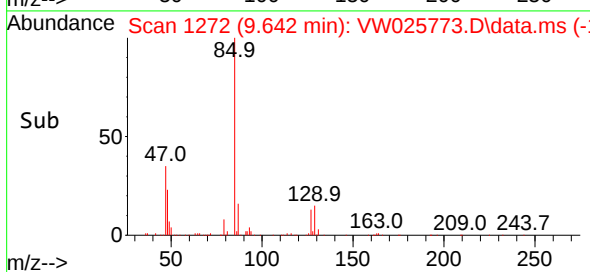
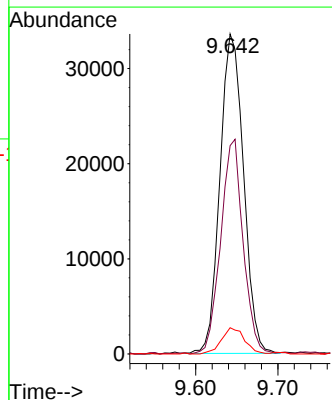
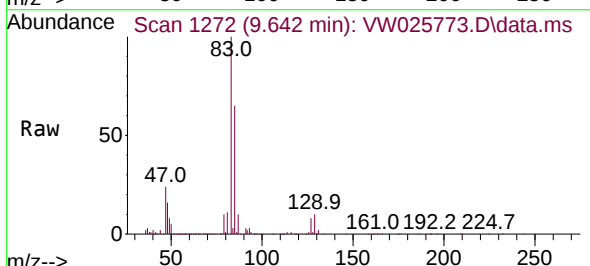
Tgt Ion: 83 Resp: 66947

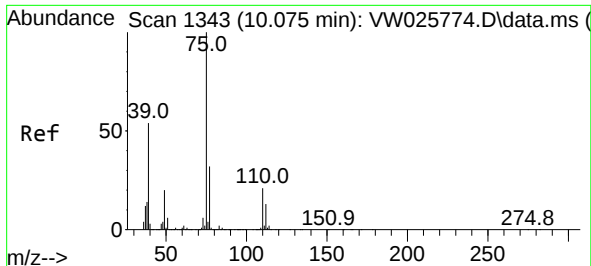
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.5

127 8.2 6.5 9.7

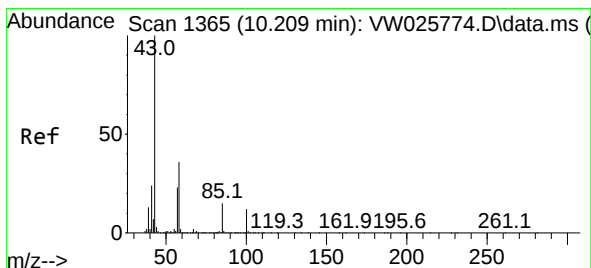
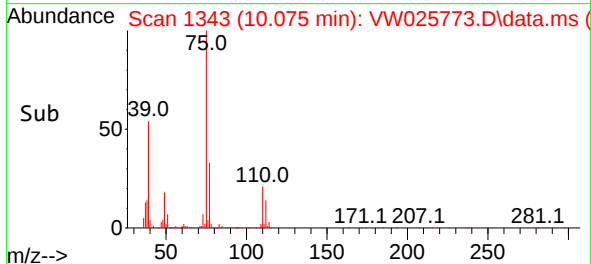
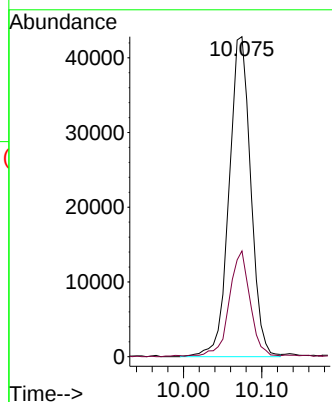
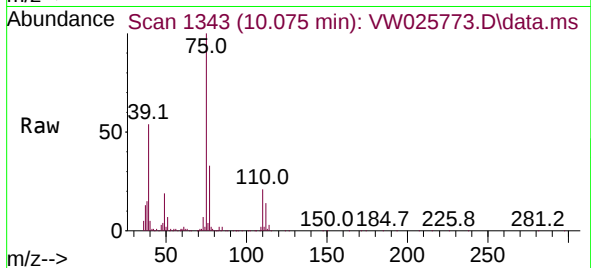




#39
 cis-1,3-Dichloropropene
 Concen: 4.835 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

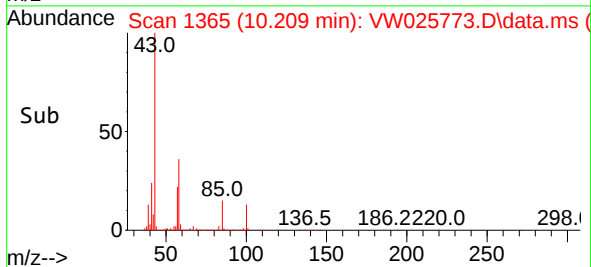
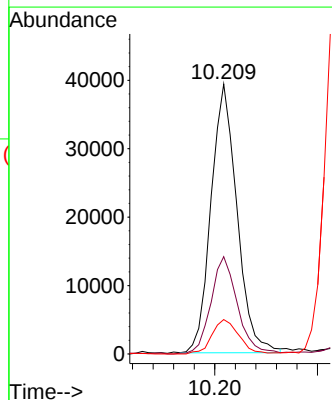
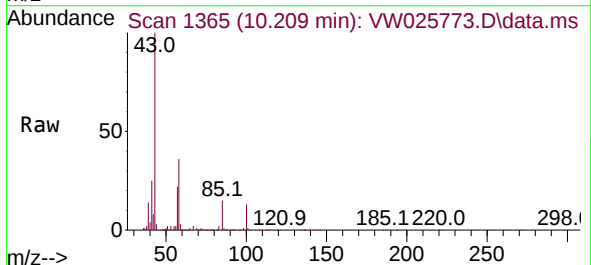
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005452

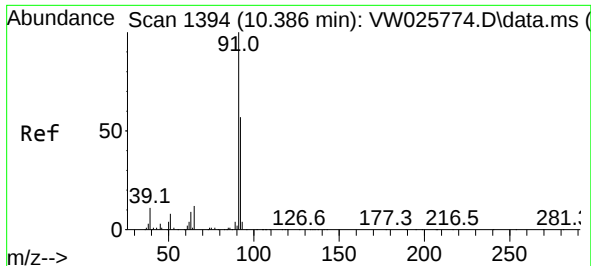
Tgt Ion: 75 Resp: 82200
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 9.141 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025773.D
 Acq: 01 May 2023 12:03

Tgt Ion: 43 Resp: 68972
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.4 44.0
 100 13.2 10.1 15.1

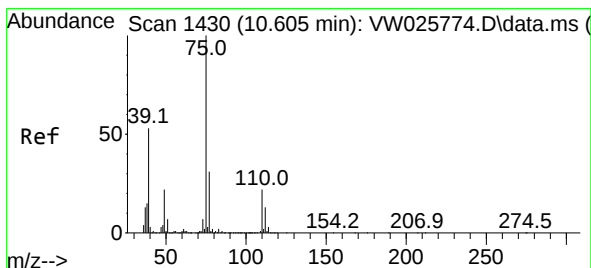
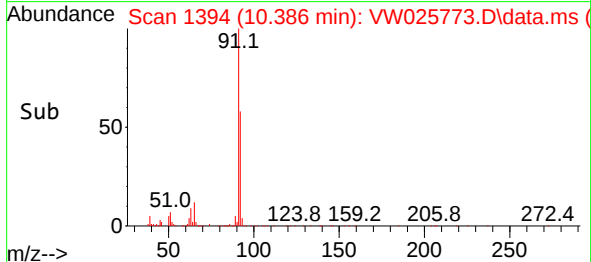
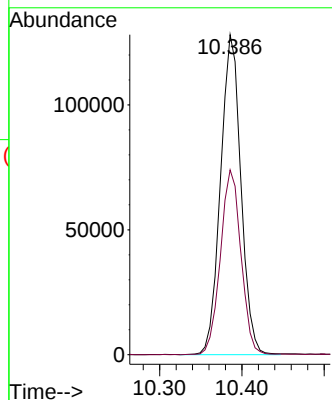
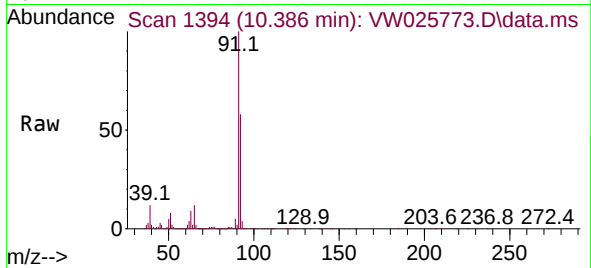




#42
Toluene
Concen: 5.111 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

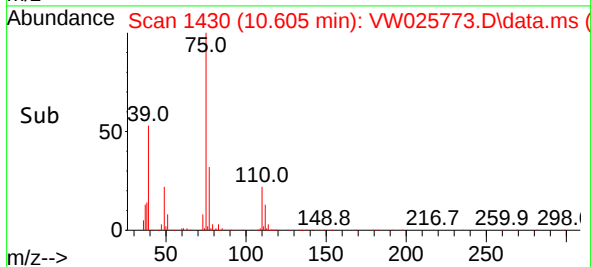
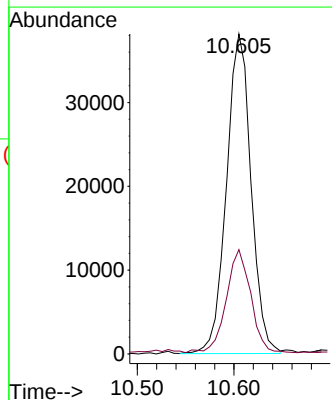
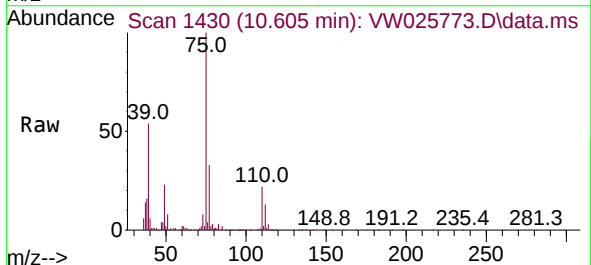
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

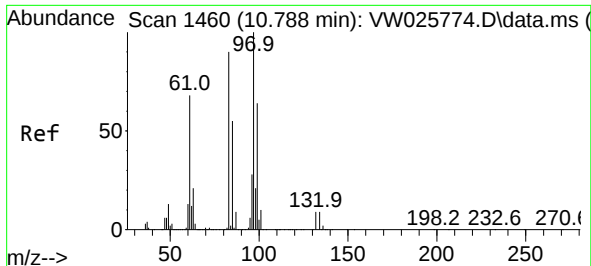
Tgt Ion: 91 Resp: 220971
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.778 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 75 Resp: 67295
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.4

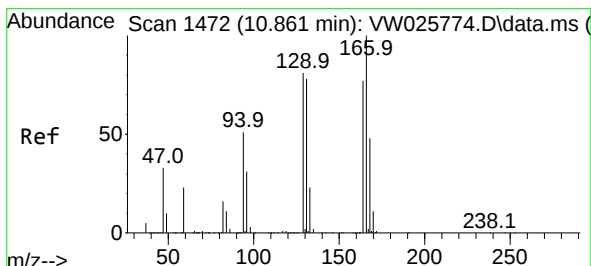
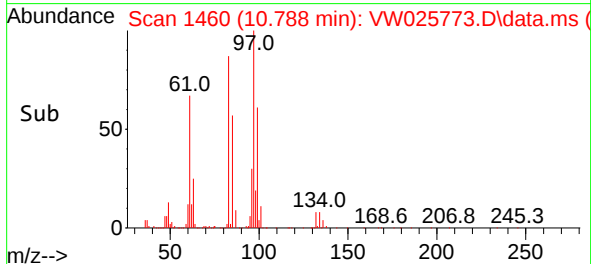
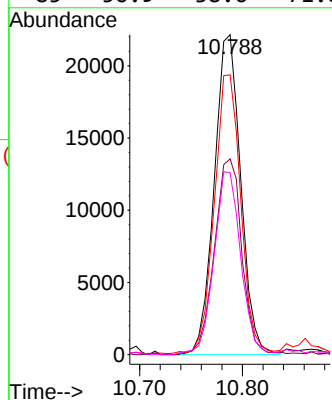
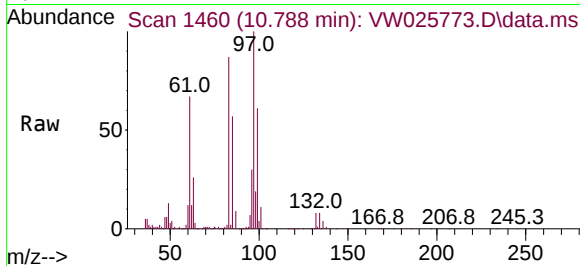




#45
1,1,2-Trichloroethane
Concen: 5.105 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

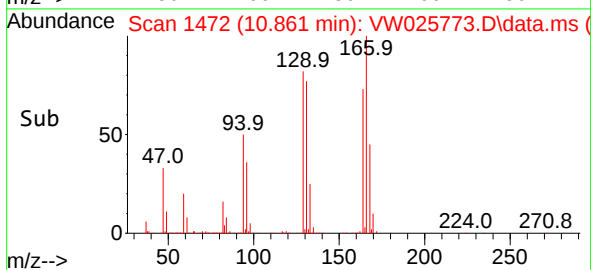
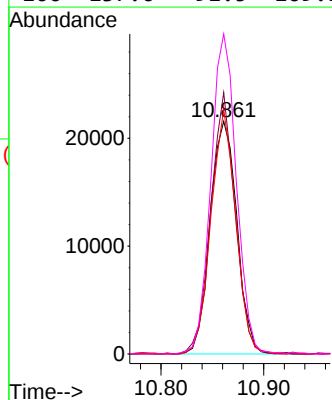
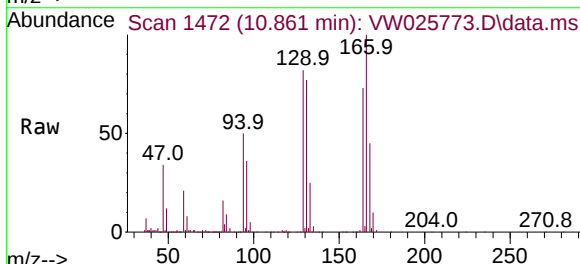
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

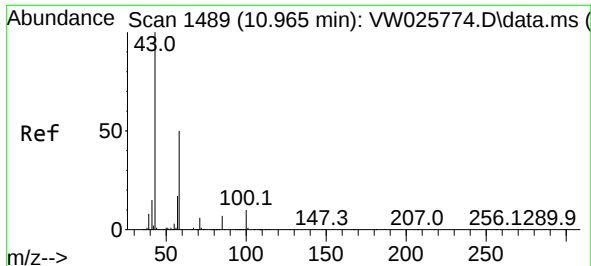
Tgt Ion:	97	Resp:	39586
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.5	82.7
83	87.4	63.0	117.0
85	56.9	38.6	71.8



#46
Tetrachloroethene
Concen: 5.093 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion:	164	Resp:	38904
Ion	Ratio	Lower	Upper
164	100		
129	112.4	74.3	138.1
131	105.3	71.3	132.3
166	137.6	91.5	169.9

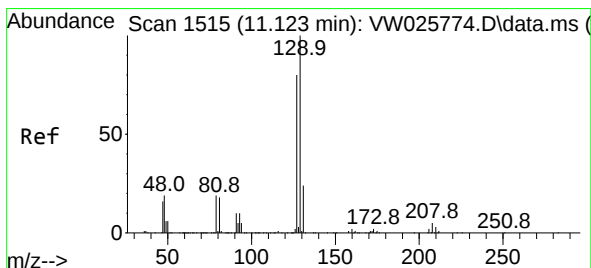
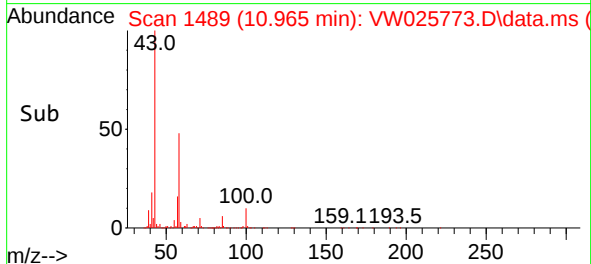
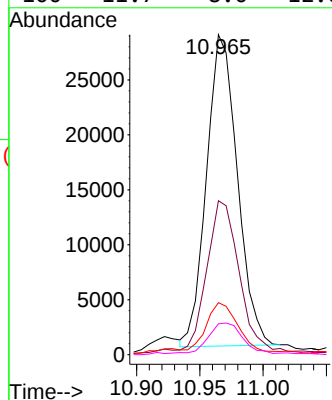
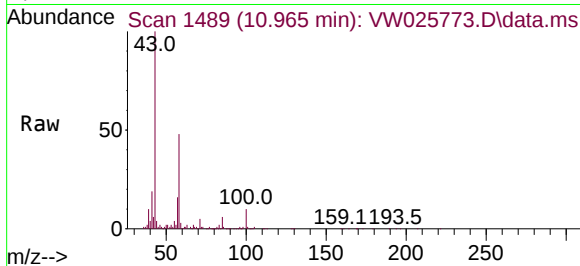




#48
2-Hexanone
Concen: 8.735 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

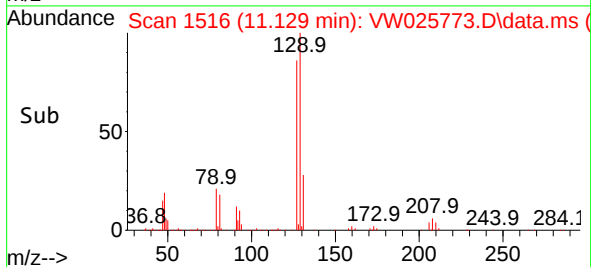
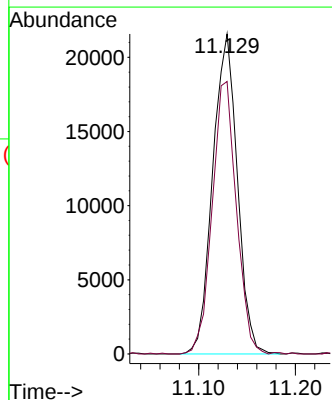
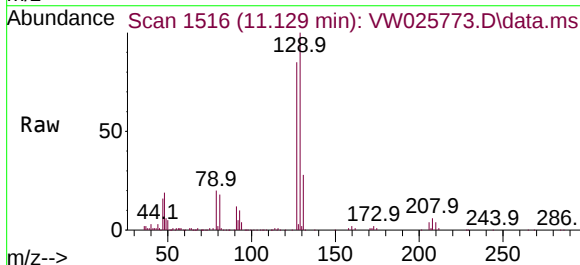
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

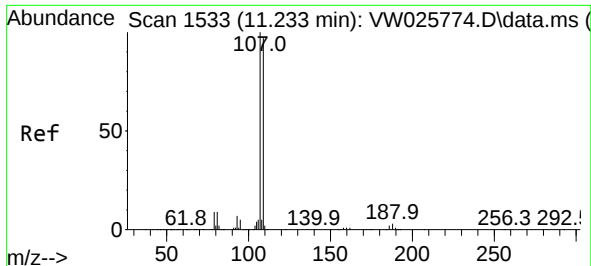
Tgt Ion: 43	Resp: 48016
Ion Ratio	Lower Upper
43 100	
58 52.6	40.8 61.2
57 15.5	13.6 20.4
100 11.7	8.0 12.0



#49
Dibromochloromethane
Concen: 4.749 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion:129	Resp:	38127	
Ion	Ratio	Lower	Upper
129	100		
127	85.1	56.1	104.3





#50

1,2-Dibromoethane

Concen: 4.961 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

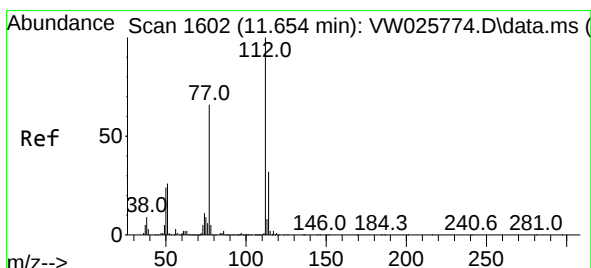
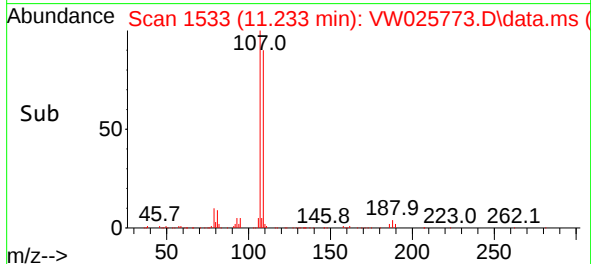
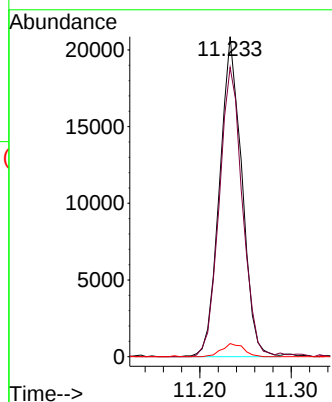
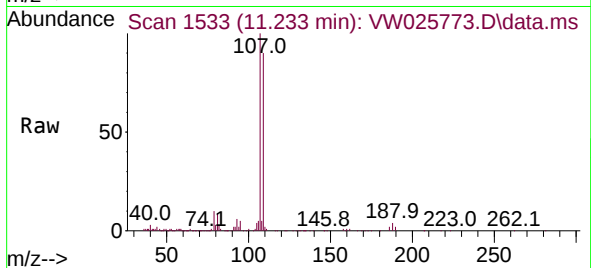
Tgt Ion:107 Resp: 35463

Ion Ratio Lower Upper

107 100

109 90.4 67.5 125.4

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 5.150 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

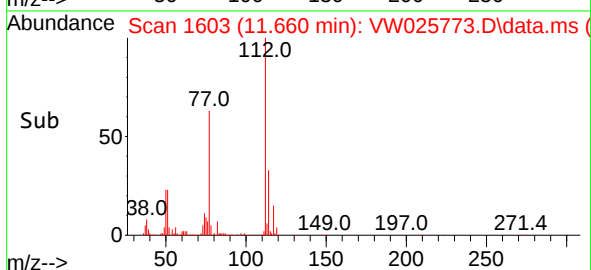
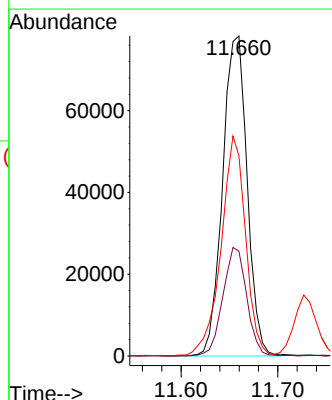
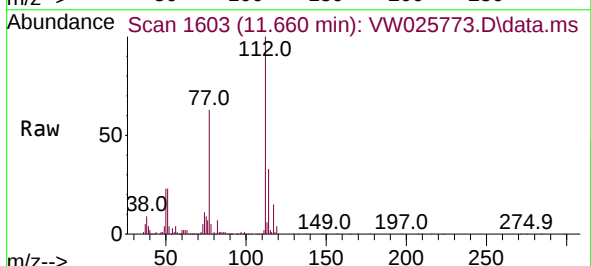
Tgt Ion:112 Resp: 137921

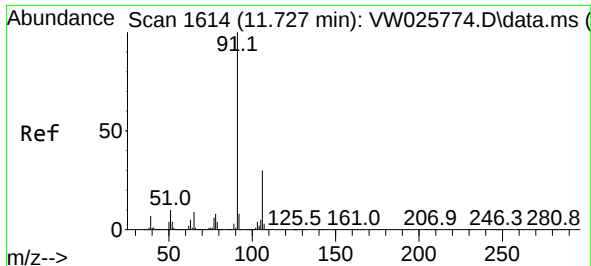
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

77 62.6 53.0 79.6

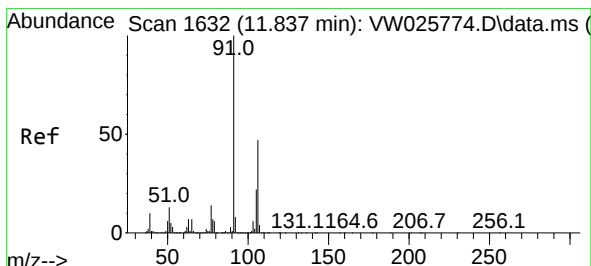
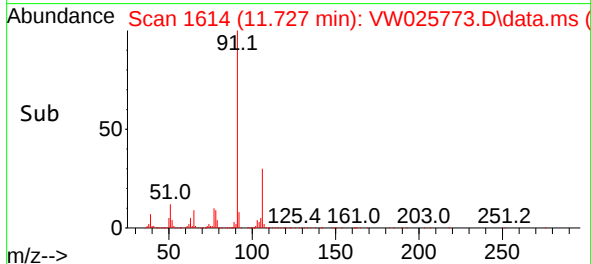
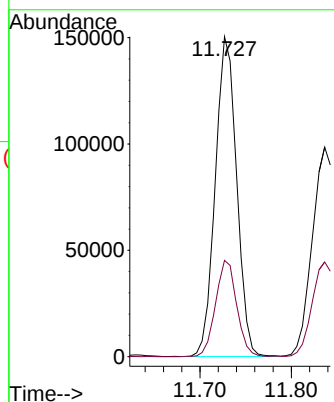
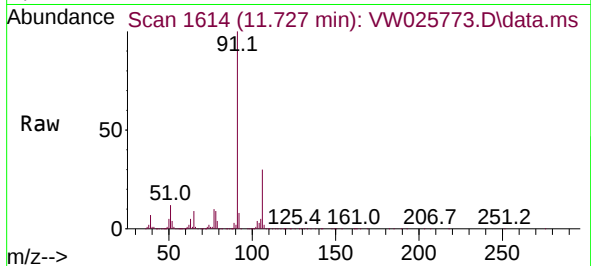




#52
Ethylbenzene
Concen: 5.024 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

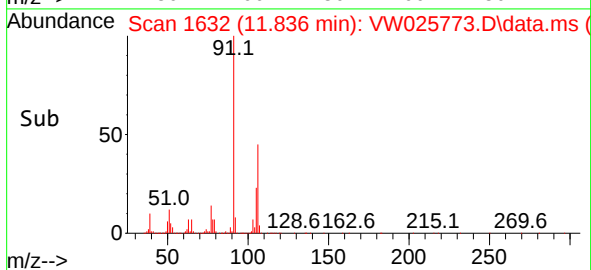
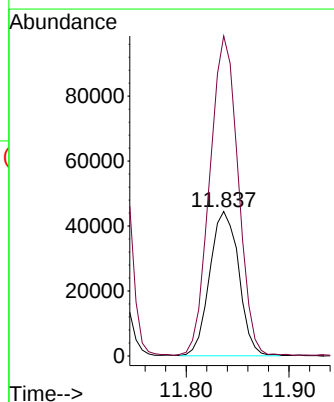
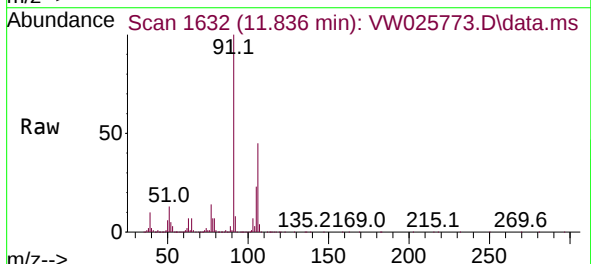
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

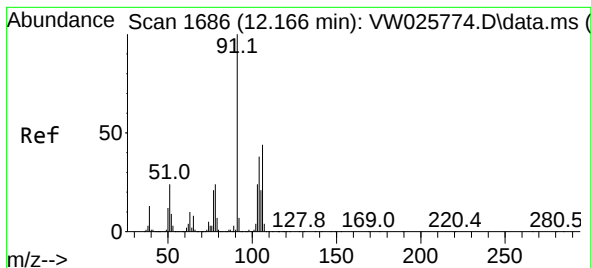
Tgt Ion: 91 Resp: 244337
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 4.880 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 106 Resp: 87351
Ion Ratio Lower Upper
106 100
91 221.4 150.1 278.9





#54

o-Xylene

Concen: 4.970 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

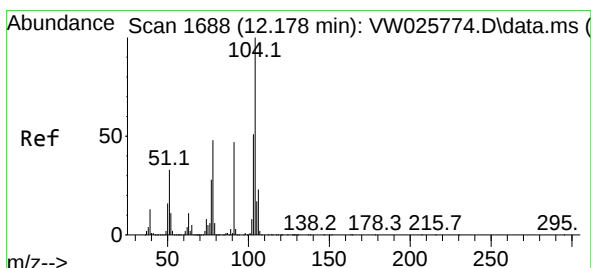
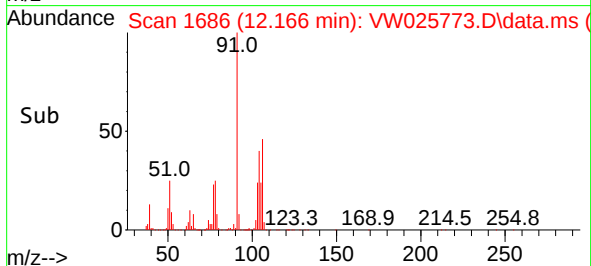
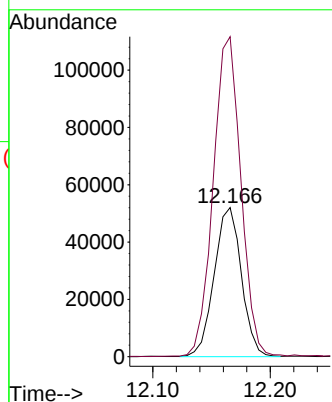
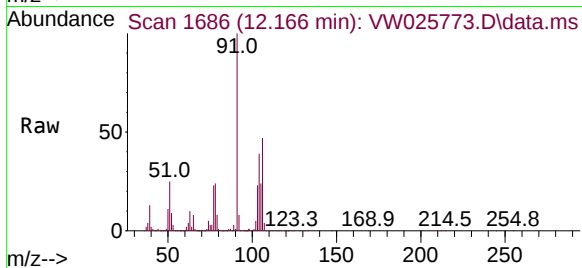
VSTD005452

Tgt Ion:106 Resp: 83841

Ion Ratio Lower Upper

106 100

91 214.6 157.8 293.1



#55

Styrene

Concen: 5.001 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW025773.D

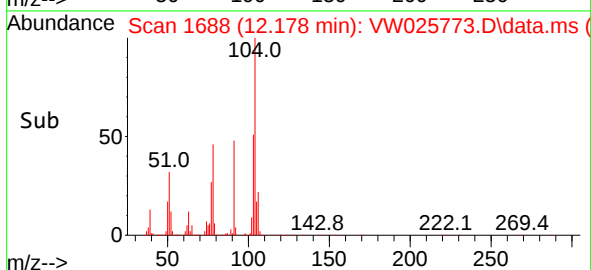
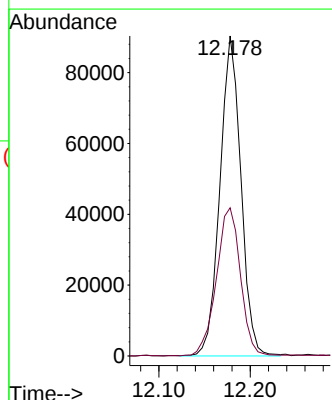
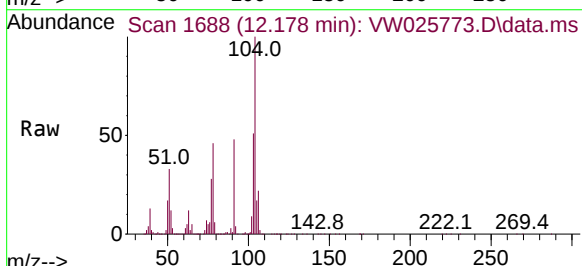
Acq: 01 May 2023 12:03

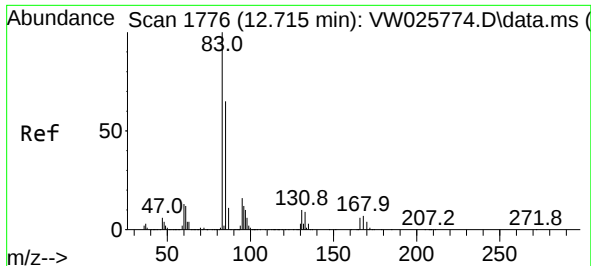
Tgt Ion:104 Resp: 144394

Ion Ratio Lower Upper

104 100

78 46.3 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.039 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

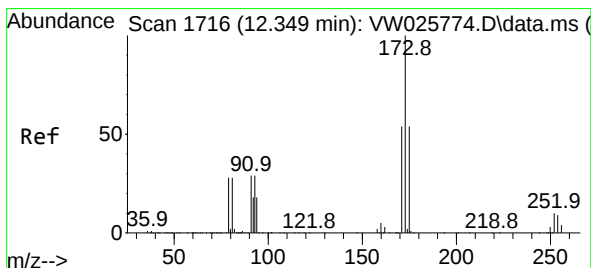
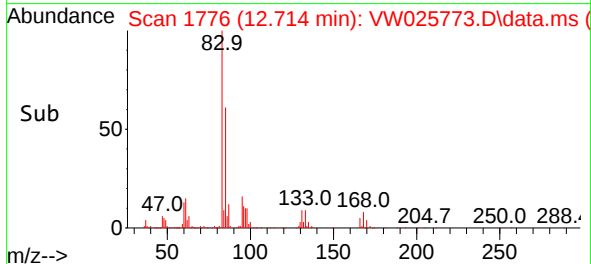
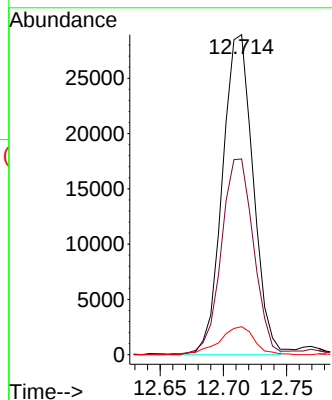
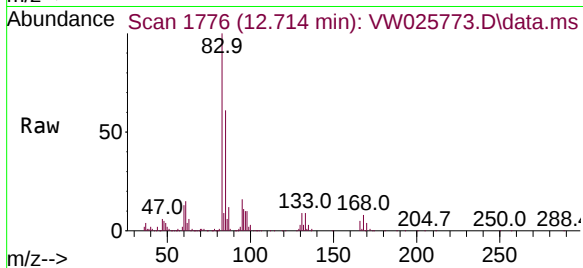
Tgt Ion: 83 Resp: 48756

Ion Ratio Lower Upper

83 100

85 61.2 45.6 84.8

131 8.8 8.1 12.1



#59

Bromoform

Concen: 4.965 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

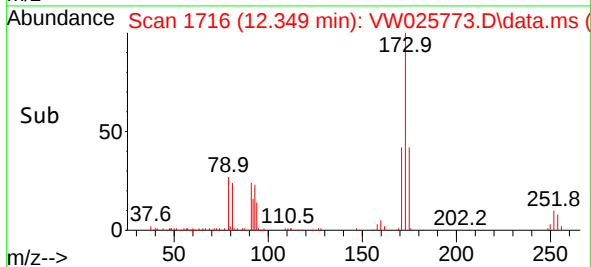
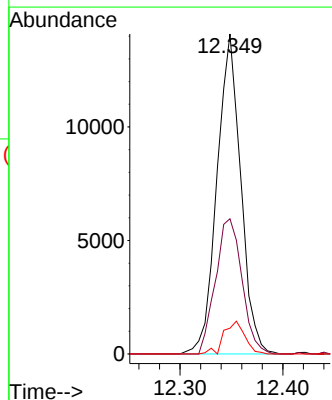
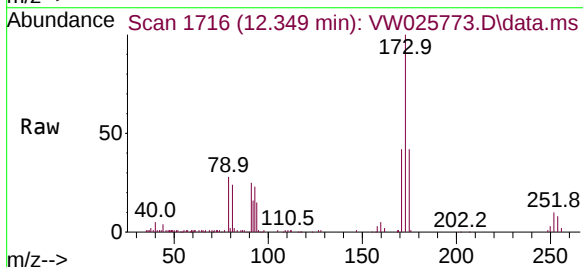
Tgt Ion:173 Resp: 22636

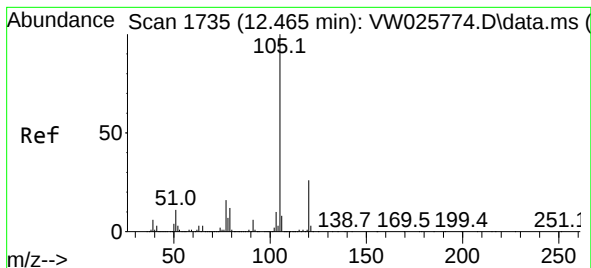
Ion Ratio Lower Upper

173 100

175 46.9 38.6 57.8

254 8.5 7.6 11.4

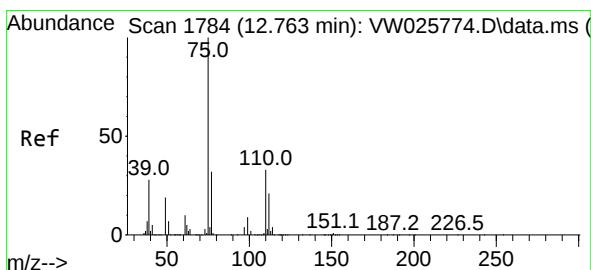
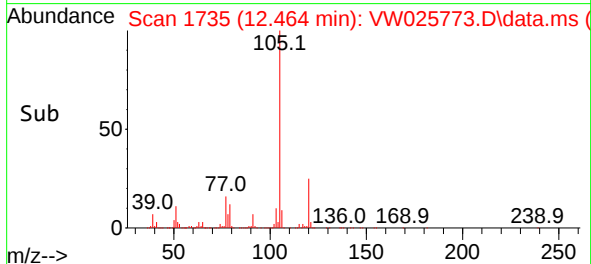
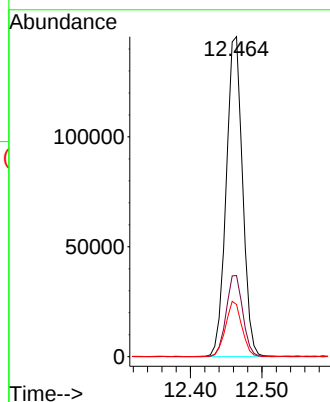
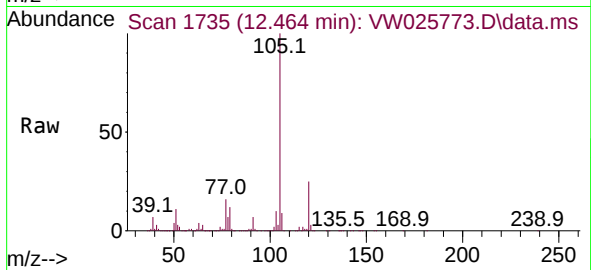




#60
Isopropylbenzene
Concen: 4.943 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

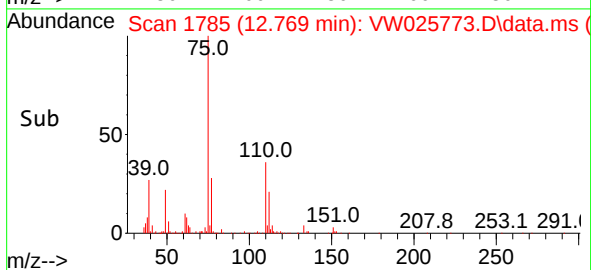
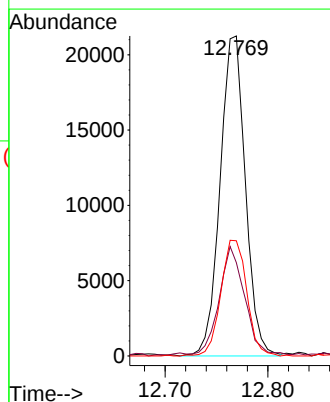
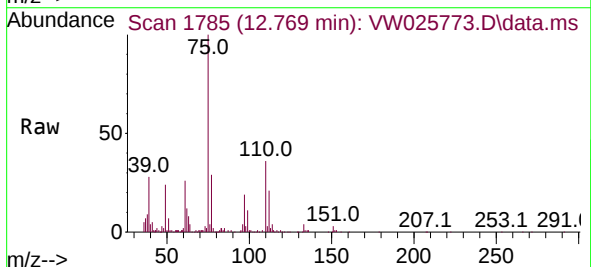
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

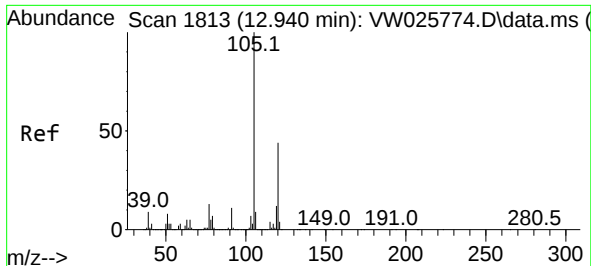
Tgt Ion:105 Resp: 231265
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 17.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.993 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion: 75 Resp: 36322
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
110 36.8 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 4.689 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

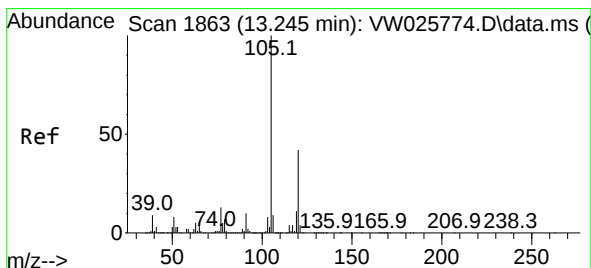
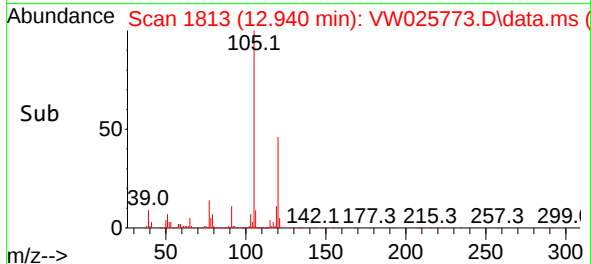
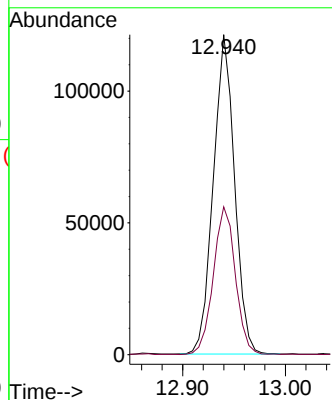
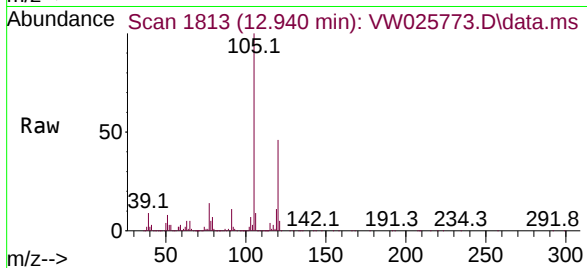
VSTD005452

Tgt Ion:105 Resp: 173752

Ion Ratio Lower Upper

105 100

120 48.2 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 4.741 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025773.D

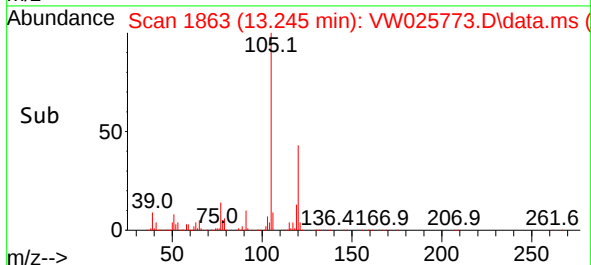
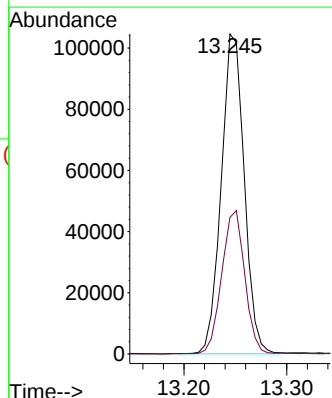
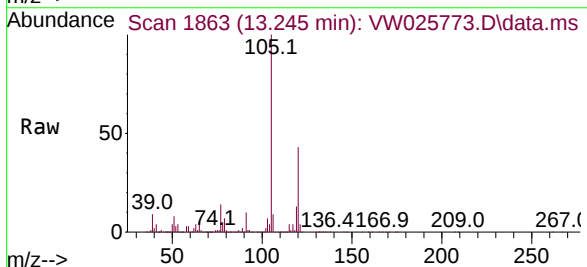
Acq: 01 May 2023 12:03

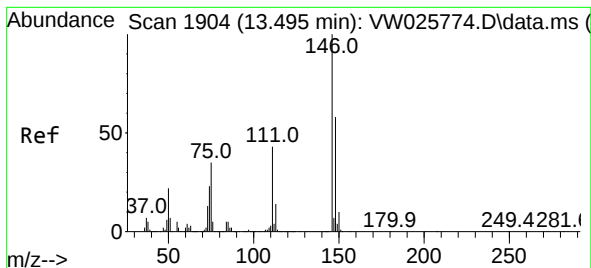
Tgt Ion:105 Resp: 162130

Ion Ratio Lower Upper

105 100

120 44.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.123 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

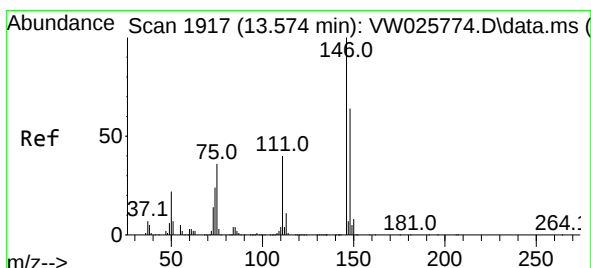
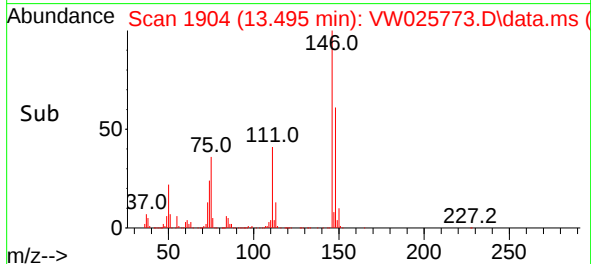
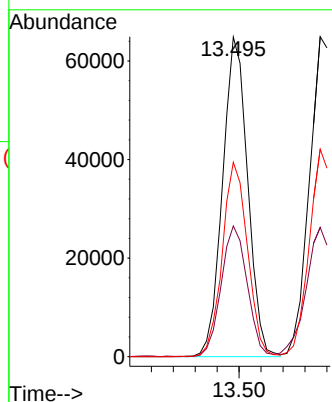
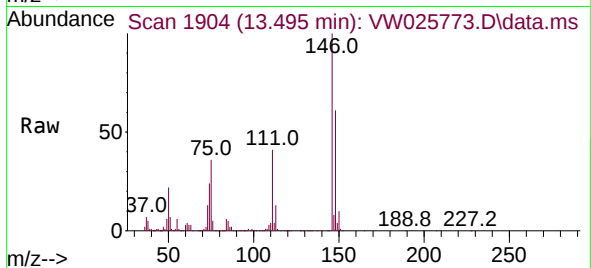
Tgt Ion:146 Resp: 103188

Ion Ratio Lower Upper

146 100

111 40.9 30.4 56.4

148 60.8 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 5.165 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

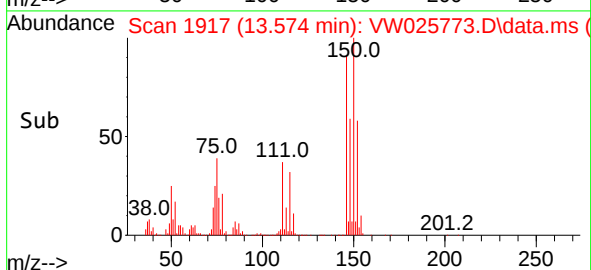
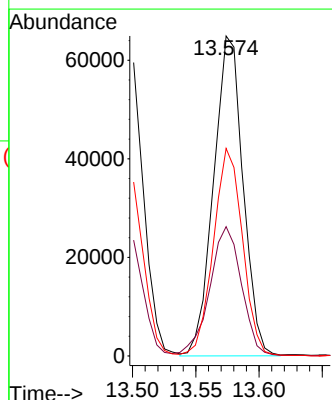
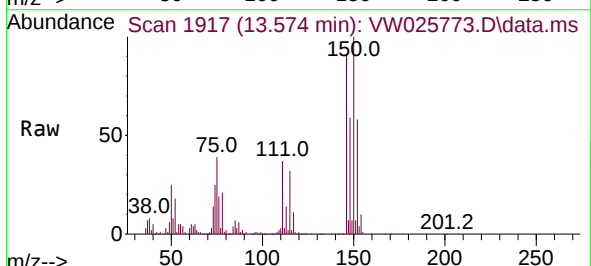
Tgt Ion:146 Resp: 105091

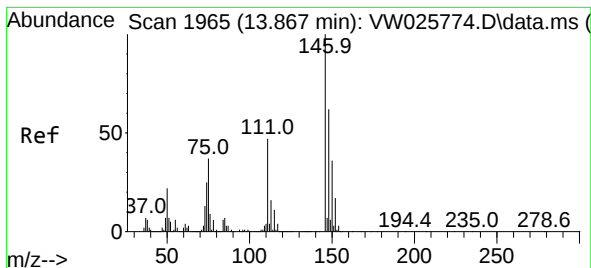
Ion Ratio Lower Upper

146 100

111 40.4 27.9 51.9

148 64.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.058 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD005452

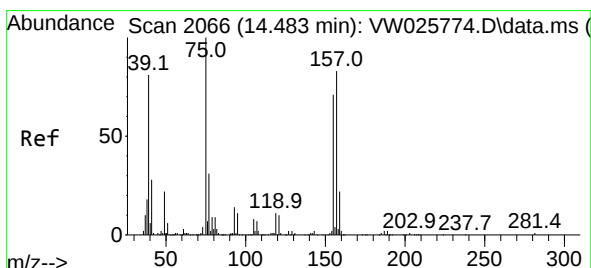
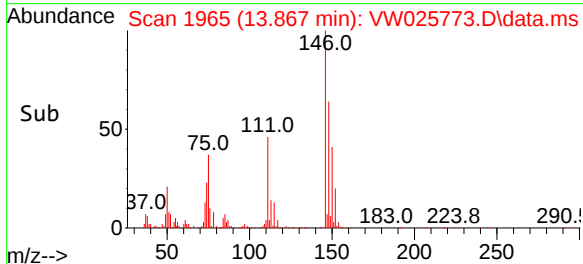
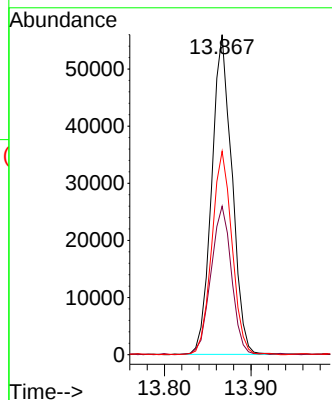
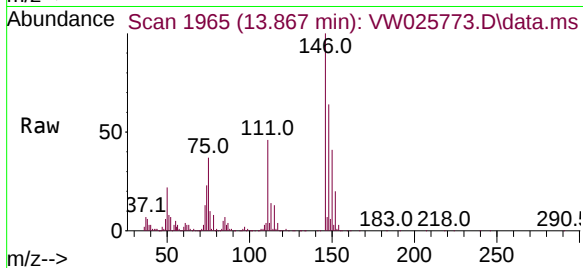
Tgt Ion:146 Resp: 90857

Ion Ratio Lower Upper

146 100

111 46.4 37.7 56.5

148 63.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.938 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025773.D

Acq: 01 May 2023 12:03

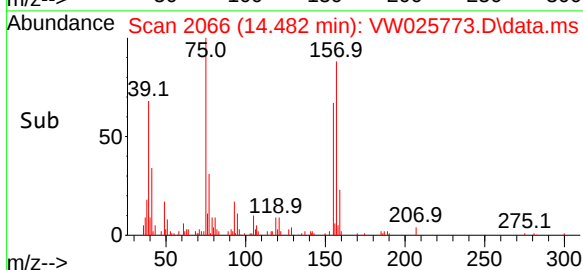
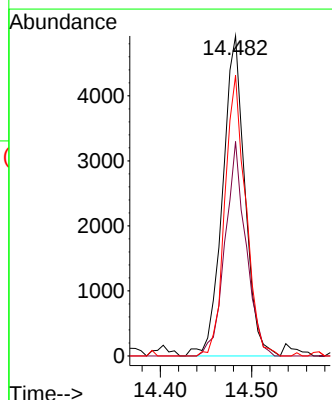
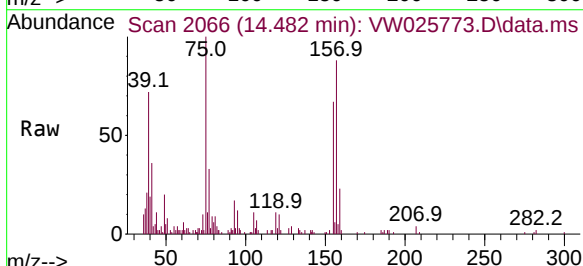
Tgt Ion: 75 Resp: 8329

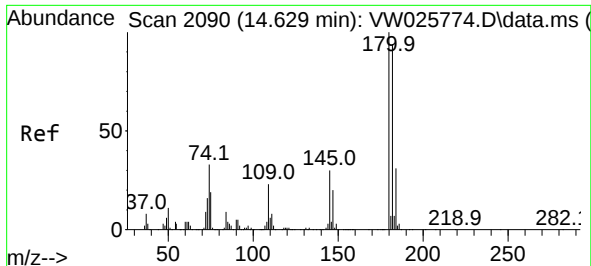
Ion Ratio Lower Upper

75 100

155 67.0 56.3 84.5

157 87.7 66.3 99.5

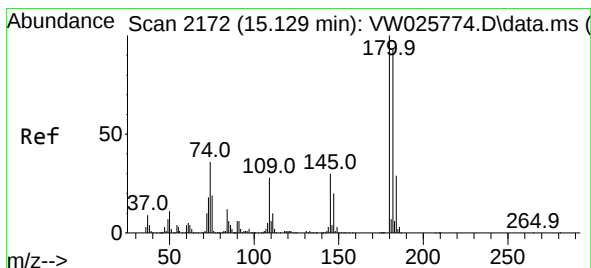
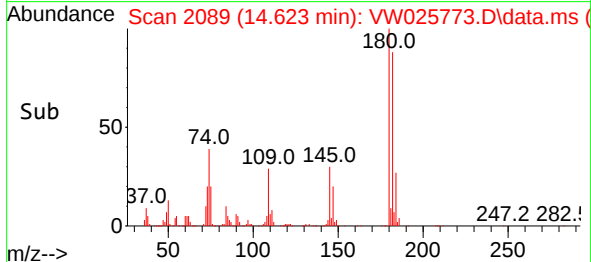
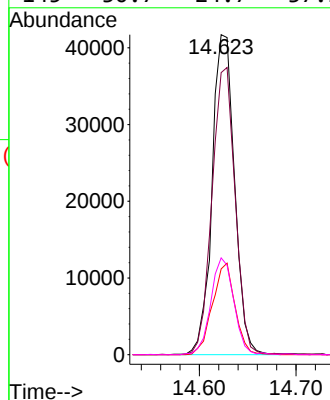
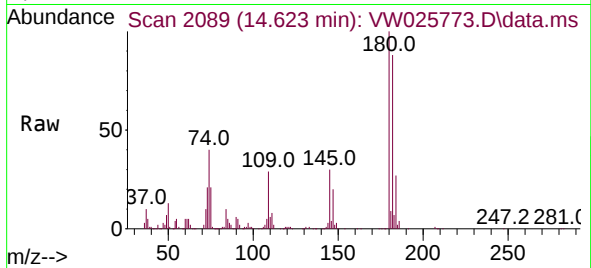




#69
1,3,5-Trichlorobenzene
Concen: 5.042 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

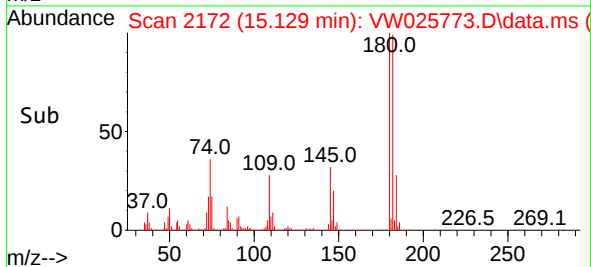
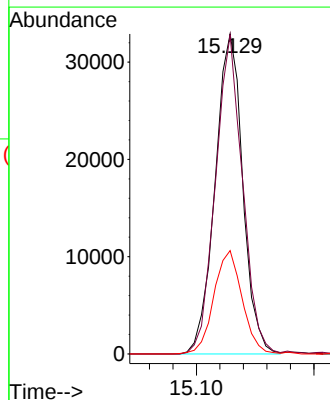
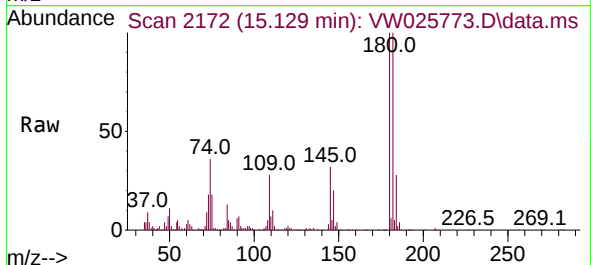
Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

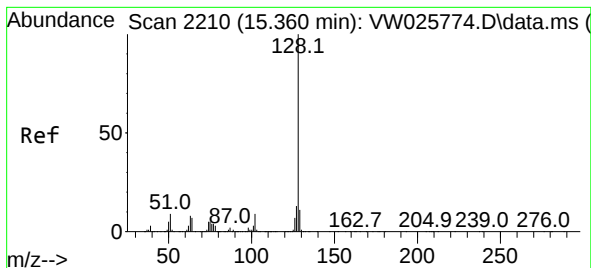
Tgt Ion:180	Resp:	67414
Ion Ratio	Lower	Upper
180	100	
182	92.1	77.4 116.0
184	28.7	24.7 37.1
145	30.7	24.7 37.1



#70
1,2,4-trichlorobenzene
Concen: 4.802 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion:180	Resp:	53786
Ion Ratio	Lower	Upper
180	100	
182	97.2	74.3 111.5
145	33.0	25.4 38.0

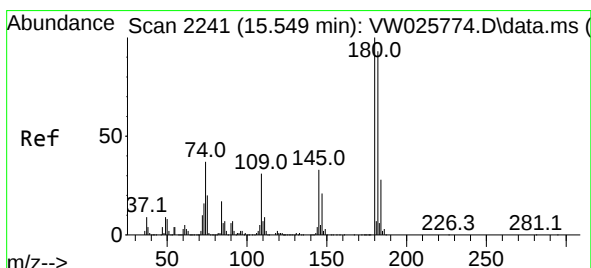
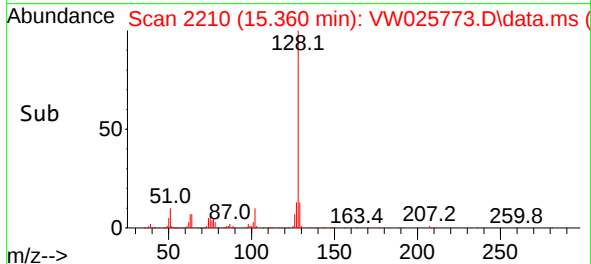
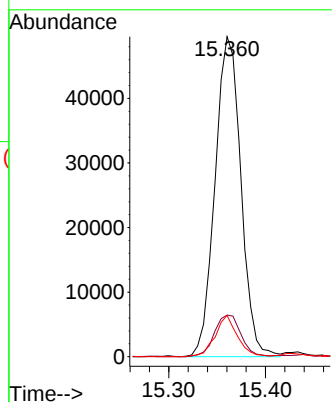
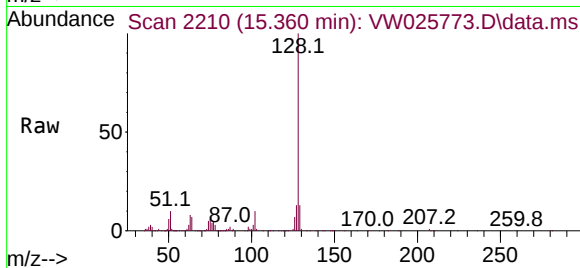




#71
Naphthalene
Concen: 4.357 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD005452

Tgt Ion:	128	Resp:	92100
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.1	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 4.949 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025773.D
Acq: 01 May 2023 12:03

Tgt Ion:	180	Resp:	49182
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.1	114.1
145	34.8	28.0	42.0

