

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025772.D
 Acq On : 01 May 2023 11:39
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5451

Quant Time: May 02 01:06:00 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	634405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	570376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	20705	2.303	ug/L	0.00
7) Chloroethane-d5	2.905	69	15506	2.327	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	9654	2.145	ug/L	0.00
21) 2-Butanone-d5	7.088	46	15255	5.133	ug/L	0.00
24) Chloroform-d	7.655	84	46264	2.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	27688	2.677	ug/L	0.00
32) Benzene-d6	8.276	84	92938	2.494	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30460	2.554	ug/L	0.00
41) Toluene-d8	10.325	98	80568	2.424	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	12004	2.483	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	9218	4.533	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23906	2.630	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	26224	2.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	12017	1.730	ug/L	97
3) Chloromethane	2.223	50	26298	2.516	ug/L	100
5) Vinyl chloride	2.369	62	28906	2.672	ug/L	99
6) Bromomethane	2.790	94	16177	2.750	ug/L	93
8) Chloroethane	2.936	64	16583	2.696	ug/L	96
9) Trichlorofluoromethane	3.265	101	20422	2.502	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	18190	2.049	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	22771	2.684	ug/L	89
13) Acetone	4.119	43	17384	6.597	ug/L	97
14) Carbon disulfide	4.387	76	78704	2.743	ug/L	97
15) Methyl Acetate	4.679	43	14308	2.755	ug/L #	89
16) Methylene chloride	4.929	84	49512	3.784	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	25423	2.747	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	37577	2.675	ug/L	98
19) 1,1-Dichloroethane	6.222	63	51966	2.733	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	26679	2.687	ug/L	99
22) 2-Butanone	7.173	43	21449	5.895	ug/L	100
23) Bromochloromethane	7.514	128	12121	2.881	ug/L	93
25) Chloroform	7.673	83	47795	2.735	ug/L	100
27) 1,2-Dichloroethane	8.398	62	34965	2.817	ug/L	98
29) Cyclohexane	7.959	56	44135	2.497	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	38430	2.755	ug/L	100
31) Carbon tetrachloride	8.069	117	34225	2.726	ug/L	99
33) Benzene	8.325	78	106763	2.706	ug/L	100
34) Trichloroethene	9.093	95	27574	2.723	ug/L	96
35) Methylcyclohexane	9.331	83	45826	2.544	ug/L	99
37) 1,2-Dichloropropane	9.368	63	29533	2.732	ug/L #	94
38) Bromodichloromethane	9.642	83	33504	2.701	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	39902	2.517	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	36647	5.208	ug/L	97
42) Toluene	10.386	91	104653	2.595	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	32463	2.471	ug/L	94

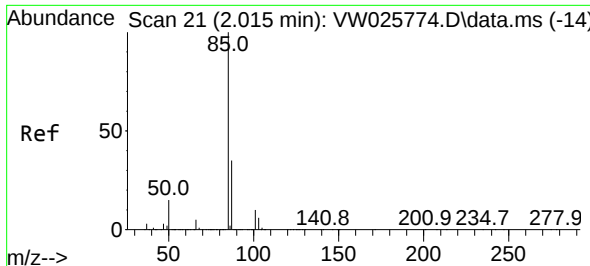
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025772.D
 Acq On : 01 May 2023 11:39
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5451

Quant Time: May 02 01:06:00 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	20303	2.807	ug/L	98
46) Tetrachloroethene	10.855	164	19498	2.737	ug/L	86
48) 2-Hexanone	10.971	43	25863	5.045	ug/L	98
49) Dibromochloromethane	11.130	129	20352	2.718	ug/L	98
50) 1,2-Dibromoethane	11.233	107	18119	2.718	ug/L #	96
51) Chlorobenzene	11.654	112	68136	2.728	ug/L	99
52) Ethylbenzene	11.727	91	114260	2.519	ug/L	100
53) m,p-Xylene	11.837	106	42666	2.556	ug/L	95
54) o-Xylene	12.166	106	38756	2.463	ug/L	92
55) Styrene	12.178	104	64935	2.411	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	25460	2.821	ug/L #	98
59) Bromoform	12.349	173	10764	2.577	ug/L	97
60) Isopropylbenzene	12.465	105	105329	2.458	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	19533	2.931	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	78043	2.299	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	72500	2.314	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	50456	2.735	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	51448	2.760	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	44786	2.722	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.483	75	4901	3.172	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	33649	2.748	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	27434	2.674	ug/L	96
71) Naphthalene	15.360	128	47708	2.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25128	2.760	ug/L	96

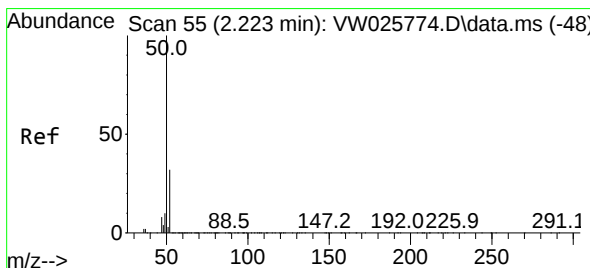
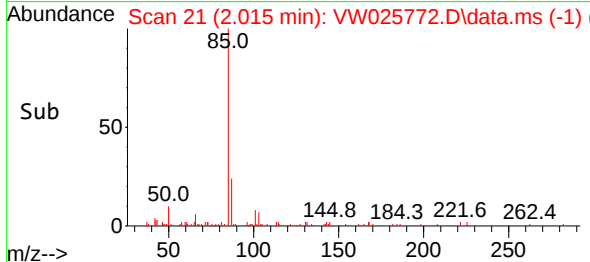
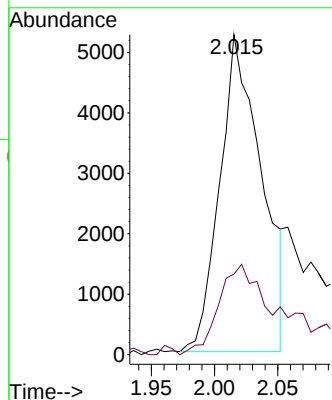
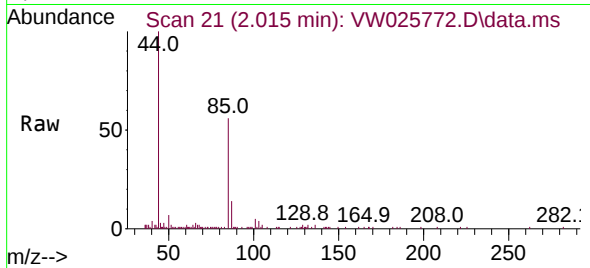
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 1.730 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

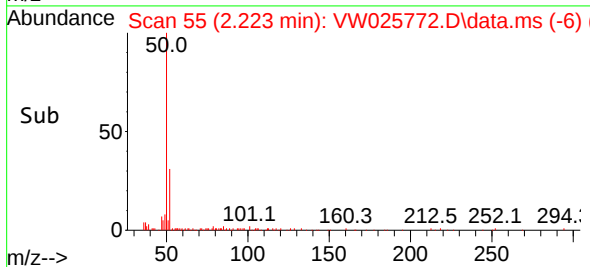
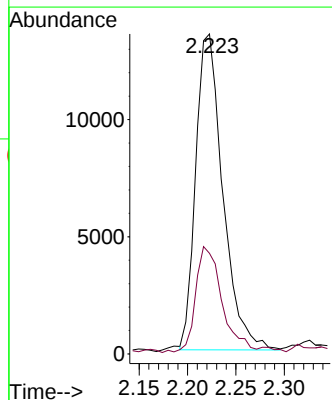
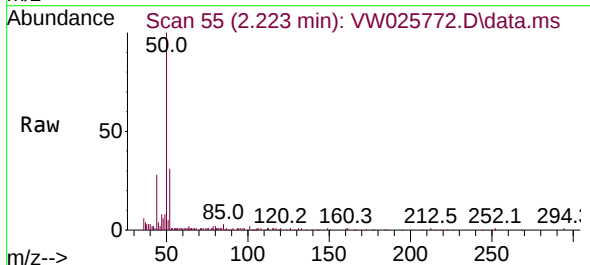
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

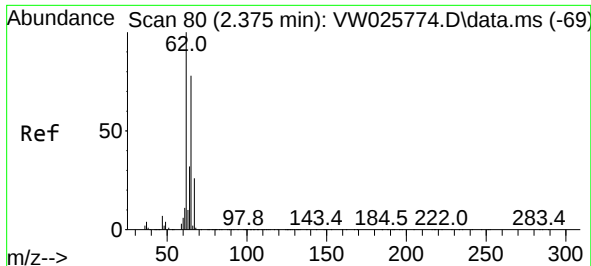
Tgt Ion: 85 Resp: 12017
Ion Ratio Lower Upper
85 100
87 29.3 24.7 37.1



#3
Chloromethane
Concen: 2.516 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 50 Resp: 26298
Ion Ratio Lower Upper
50 100
52 31.5 22.1 41.1

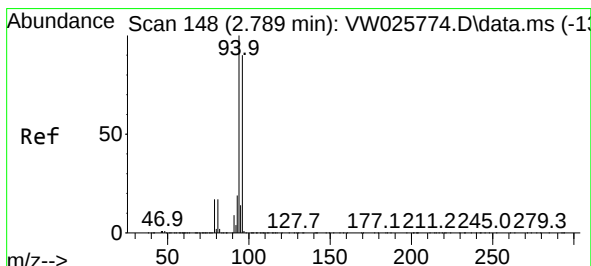
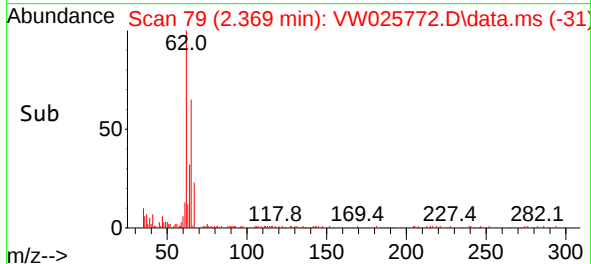
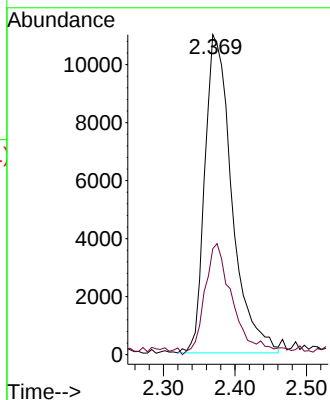
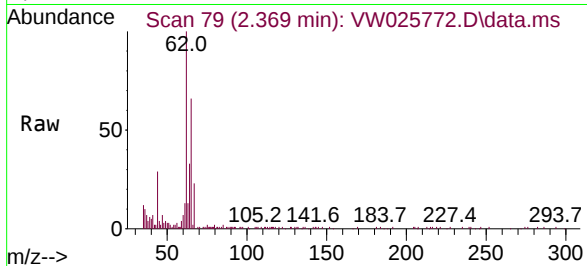




#5
 Vinyl chloride
 Concen: 2.672 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025772.D
 Acq: 01 May 2023 11:39

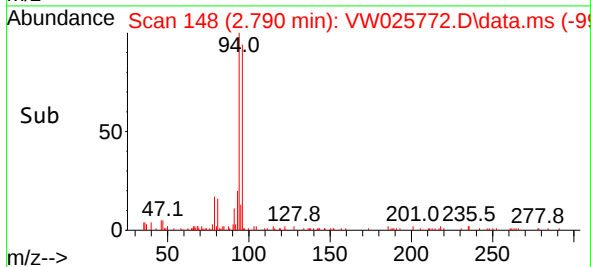
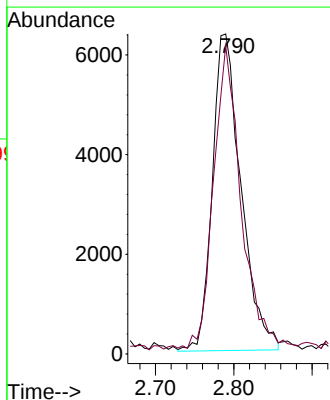
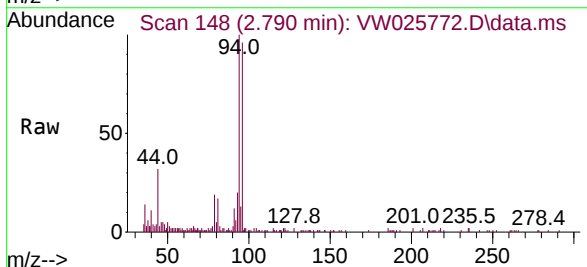
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5451

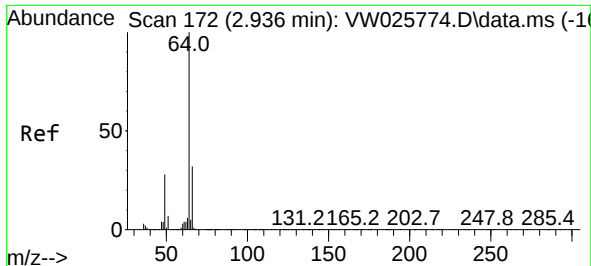
Tgt Ion: 62 Resp: 28906
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 2.750 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025772.D
 Acq: 01 May 2023 11:39

Tgt Ion: 94 Resp: 16177
 Ion Ratio Lower Upper
 94 100
 96 96.3 63.1 117.1

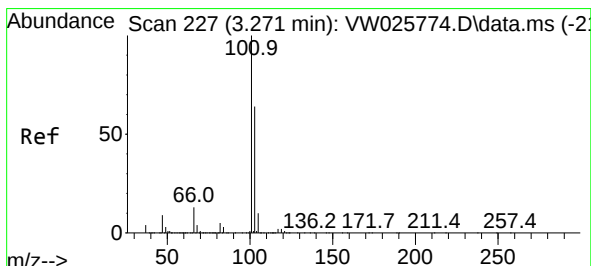
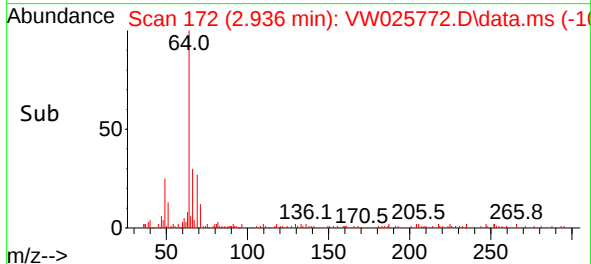
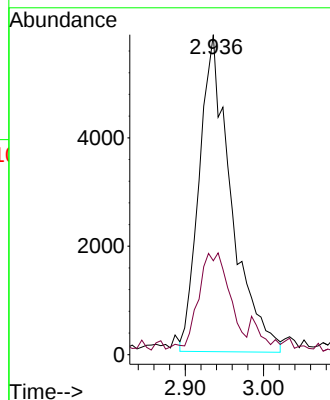
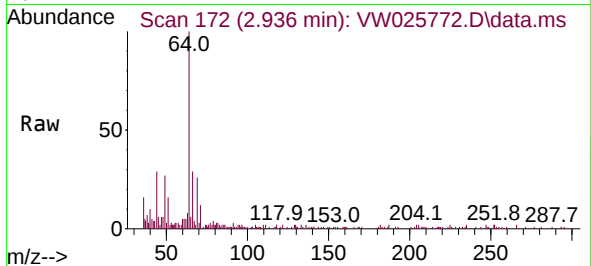




#8
Chloroethane
Concen: 2.696 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

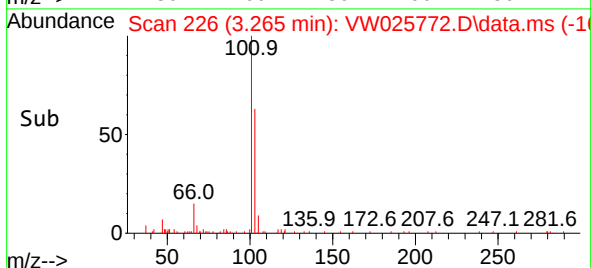
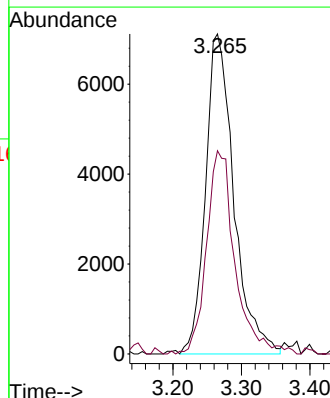
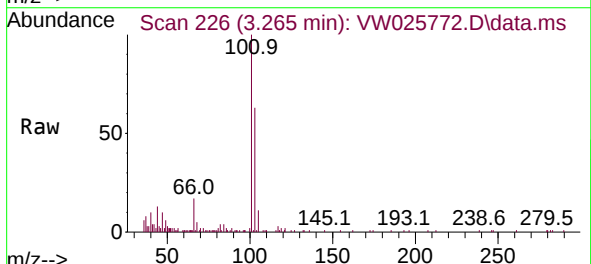
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

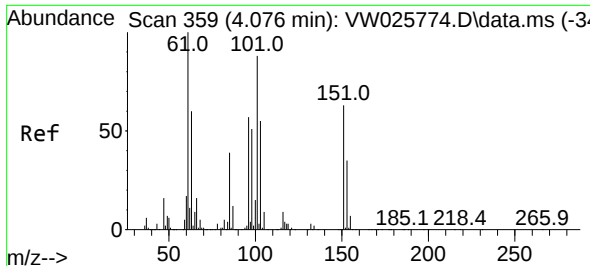
Tgt Ion: 64 Resp: 16583
Ion Ratio Lower Upper
64 100
66 29.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 2.502 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 101 Resp: 20422
Ion Ratio Lower Upper
101 100
103 62.4 50.6 76.0

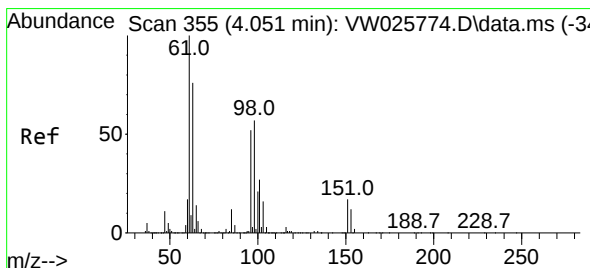
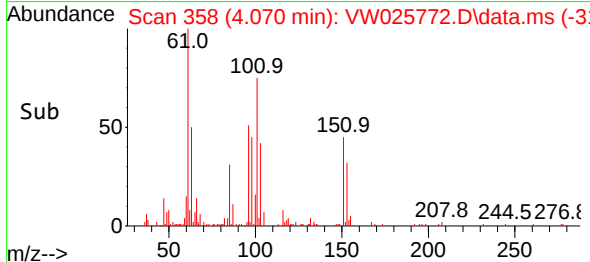
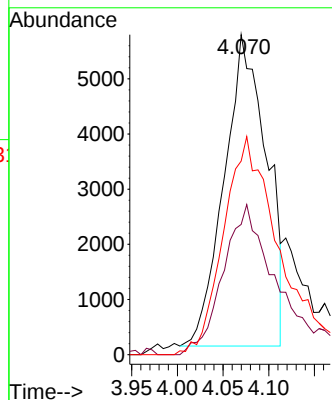
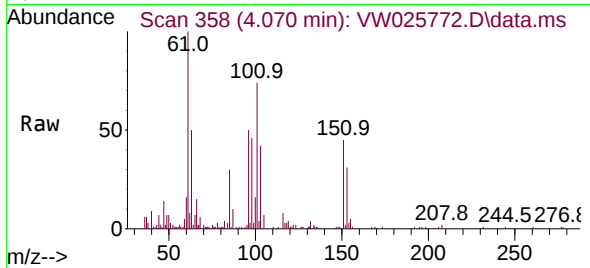




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.049 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

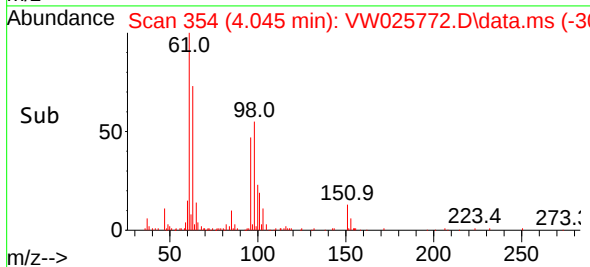
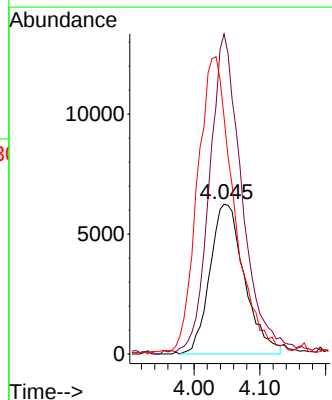
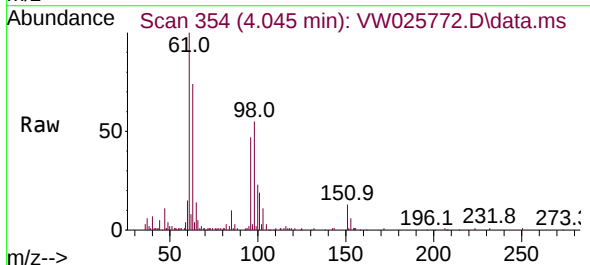
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

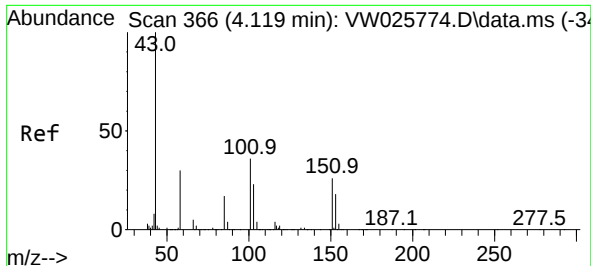
Tgt Ion:101 Resp: 18190
Ion Ratio Lower Upper
101 100
85 58.3 33.9 50.9#
151 48.6 54.2 81.2#



#12
1,1-Dichloroethene
Concen: 2.684 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 96 Resp: 22771
Ion Ratio Lower Upper
96 100
61 213.6 135.0 250.8
63 158.1 104.9 194.7

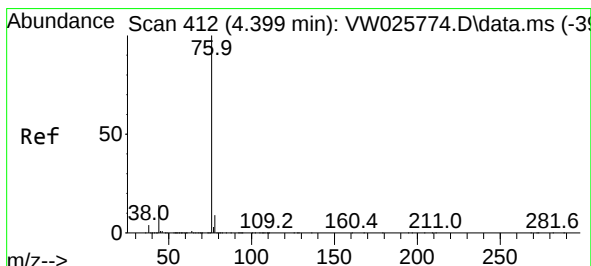
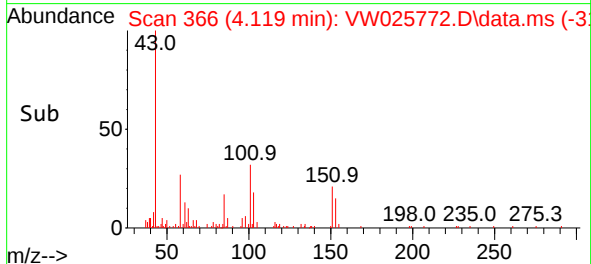
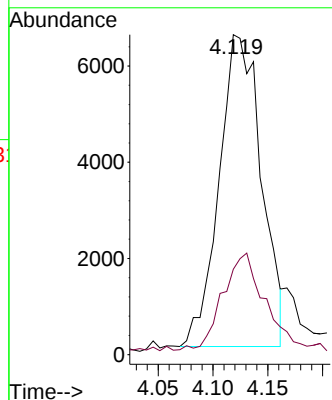
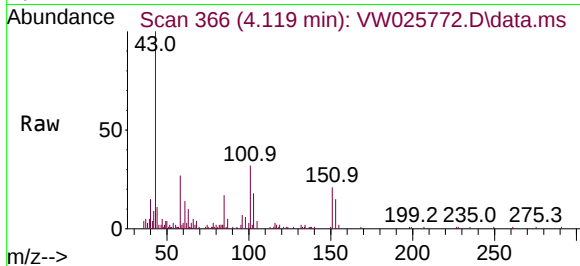




#13
Acetone
Concen: 6.597 ug/L
RT: 4.119 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

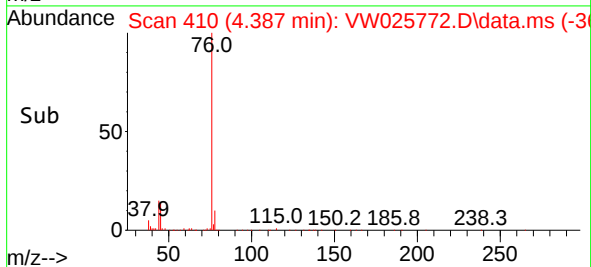
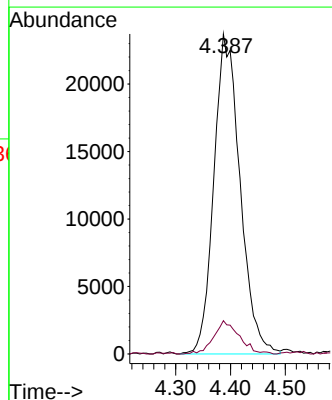
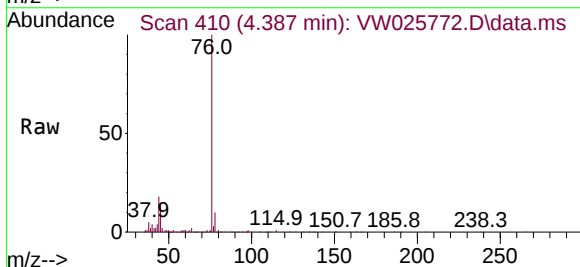
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

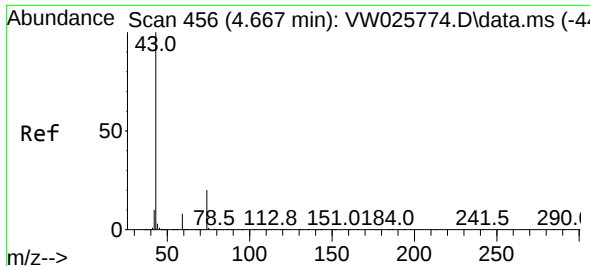
Tgt Ion: 43 Resp: 17384
Ion Ratio Lower Upper
43 100
58 30.7 0.0 58.2



#14
Carbon disulfide
Concen: 2.743 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 76 Resp: 78704
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

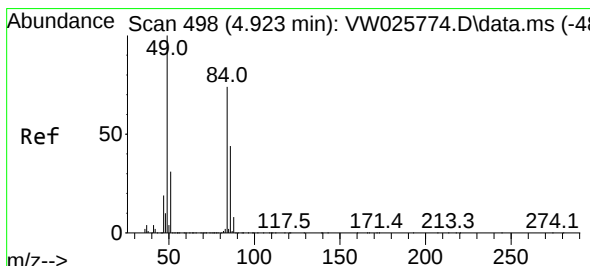
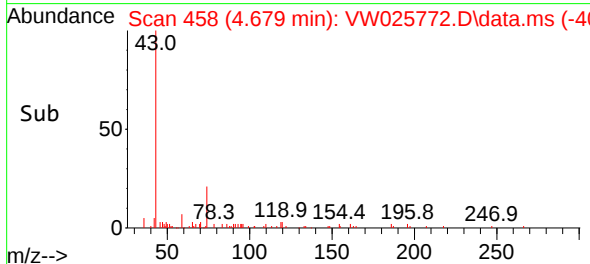
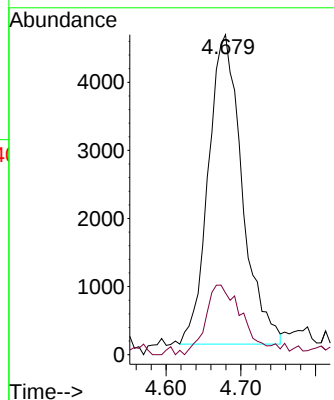
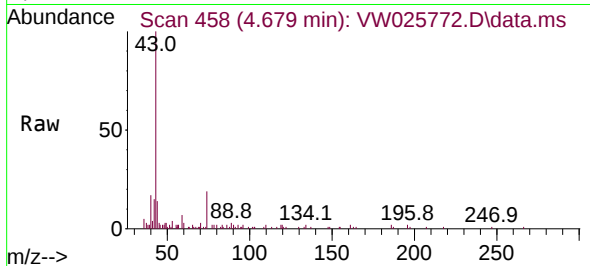




#15
Methyl Acetate
Concen: 2.755 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

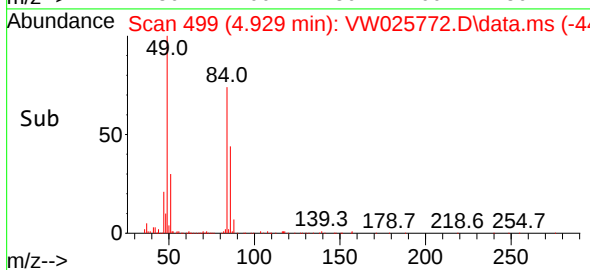
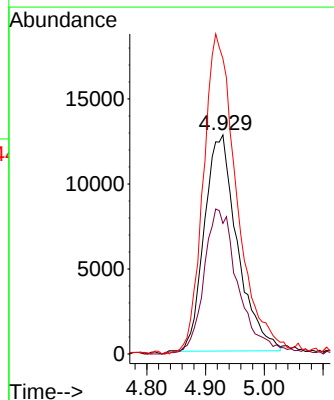
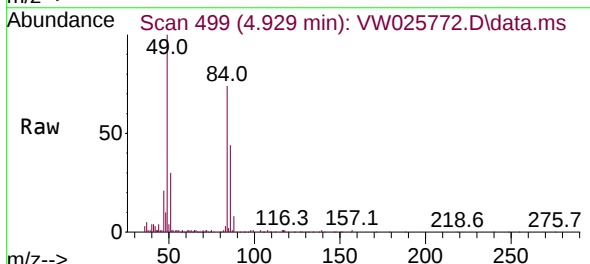
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

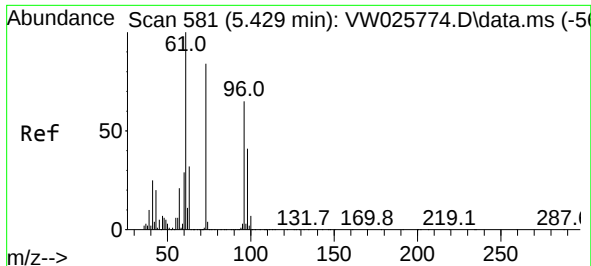
Tgt Ion: 43 Resp: 14308
Ion Ratio Lower Upper
43 100
74 15.5 16.5 24.7#



#16
Methylene chloride
Concen: 3.784 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 84 Resp: 49512
Ion Ratio Lower Upper
84 100
86 59.6 41.7 77.5
49 134.9 95.3 177.1

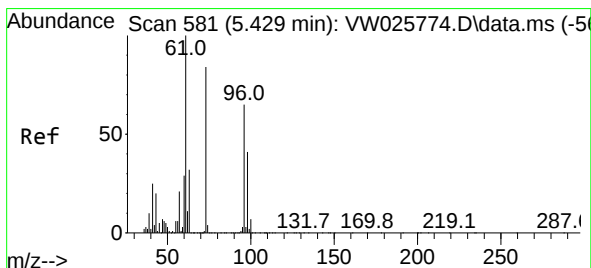
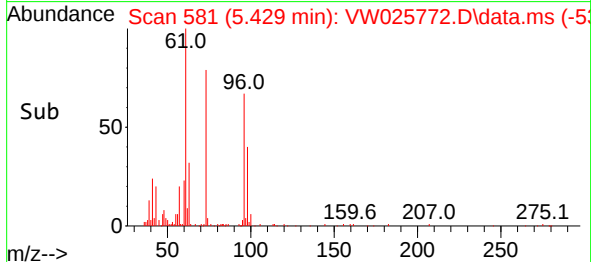
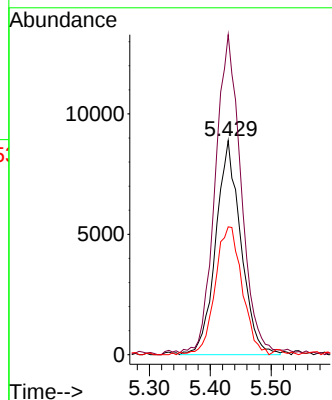
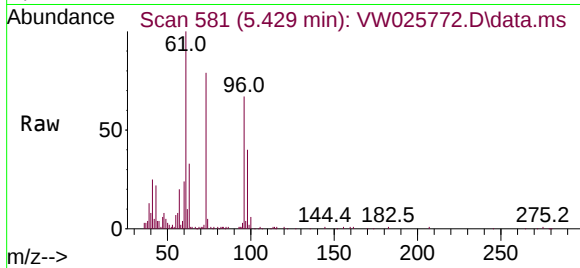




#17
trans-1,2-Dichloroethene
Concen: 2.747 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

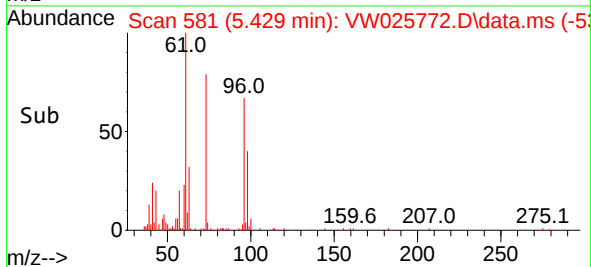
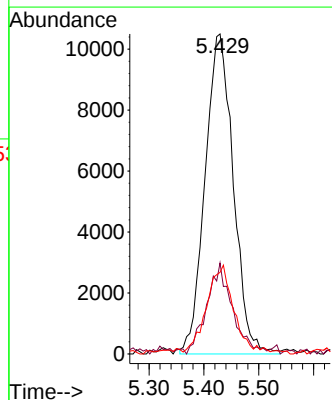
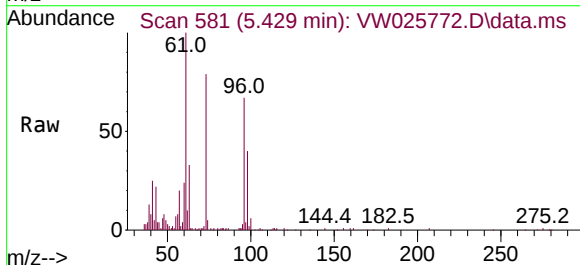
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

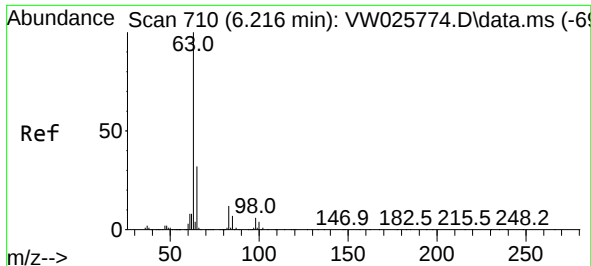
Tgt Ion: 96 Resp: 25423
Ion Ratio Lower Upper
96 100
61 149.4 108.1 200.9
98 59.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 2.675 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 73 Resp: 37577
Ion Ratio Lower Upper
73 100
43 21.5 18.2 27.4
57 24.8 19.2 28.8





#19

1,1-Dichloroethane

Concen: 2.733 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

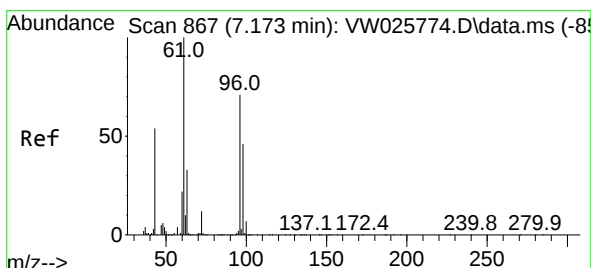
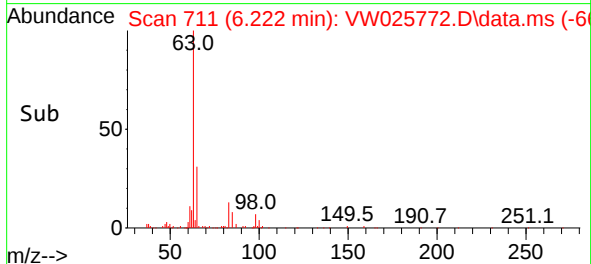
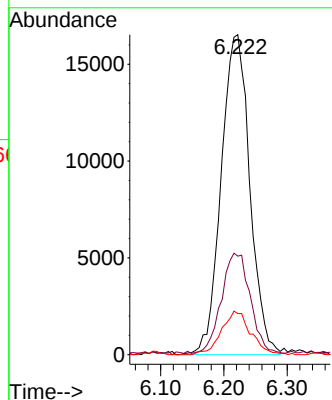
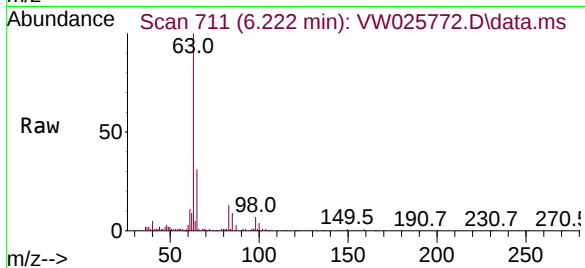
Tgt Ion: 63 Resp: 51966

Ion Ratio Lower Upper

63 100

65 30.8 22.4 41.6

83 12.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 2.687 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

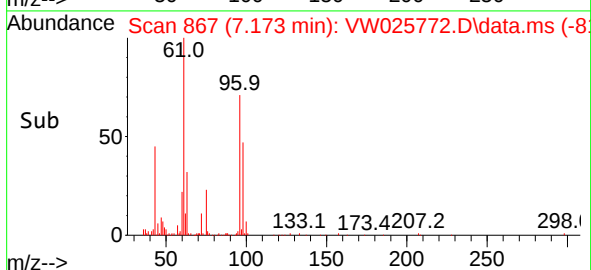
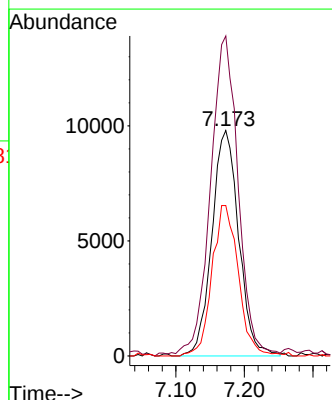
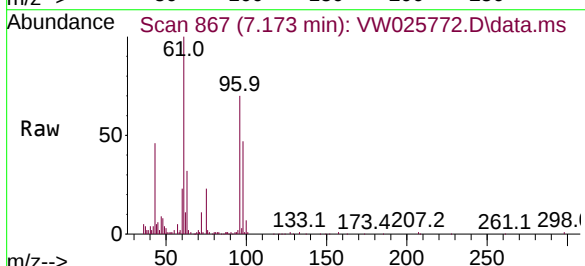
Tgt Ion: 96 Resp: 26679

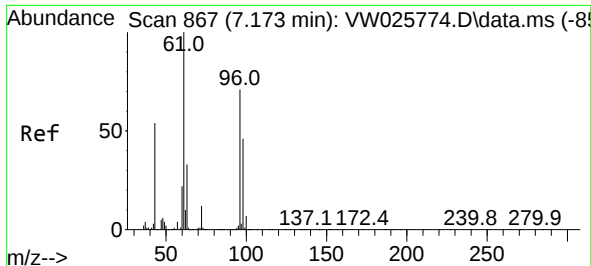
Ion Ratio Lower Upper

96 100

61 142.0 98.6 183.0

98 66.7 45.2 84.0

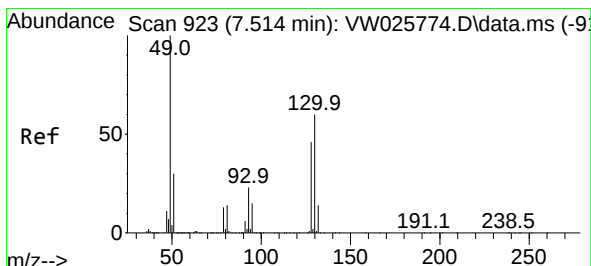
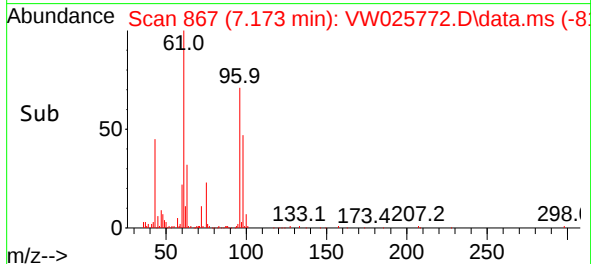
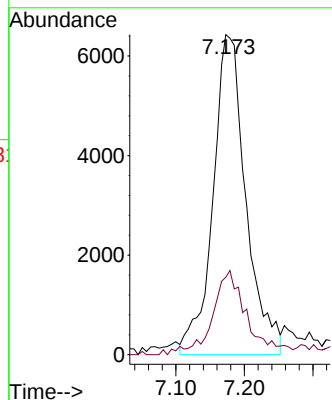
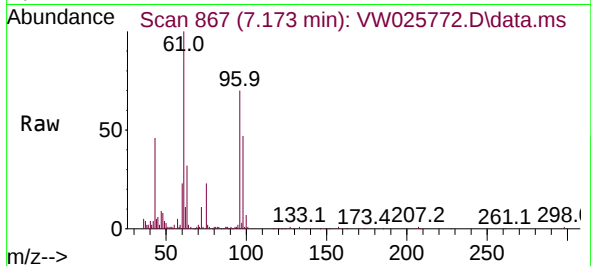




#22
2-Butanone
Concen: 5.895 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

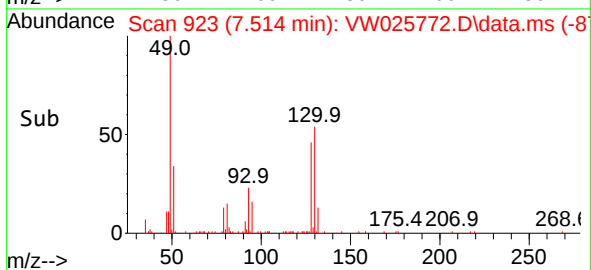
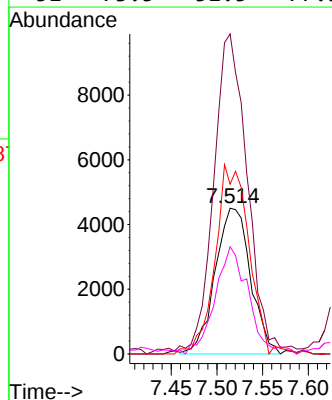
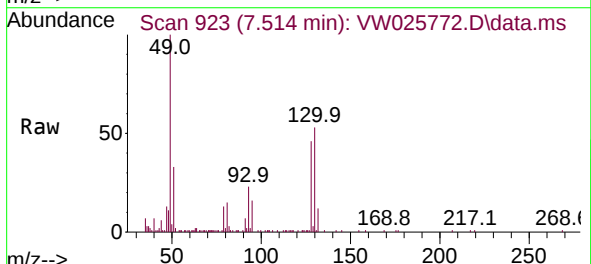
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

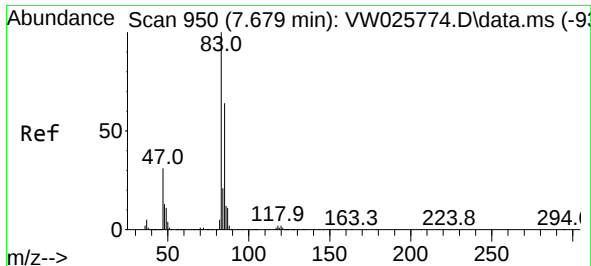
Tgt Ion: 43 Resp: 21449
Ion Ratio Lower Upper
43 100
72 23.5 11.8 35.4



#23
Bromochloromethane
Concen: 2.881 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 128 Resp: 12121
Ion Ratio Lower Upper
128 100
49 219.5 151.5 281.5
130 116.4 91.3 169.6
51 73.5 51.5 77.3

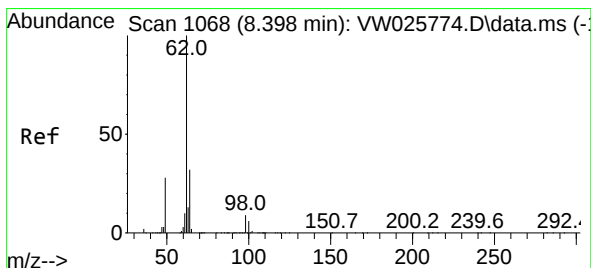
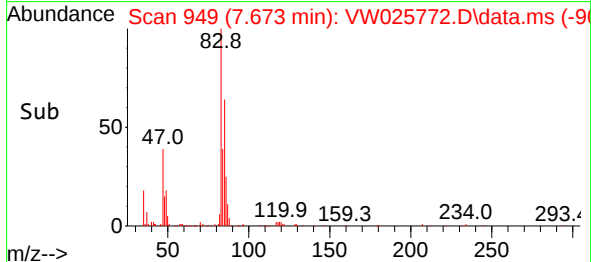
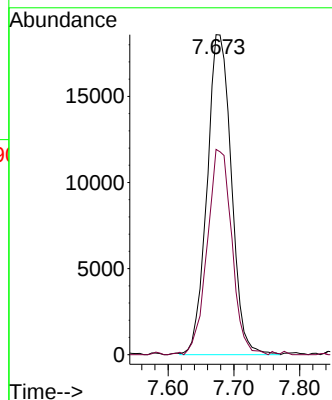
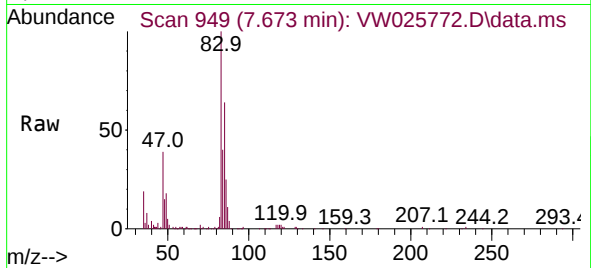




#25
Chloroform
Concen: 2.735 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

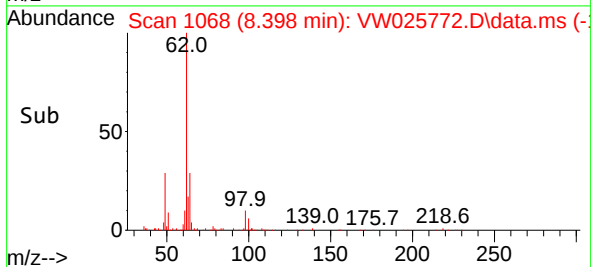
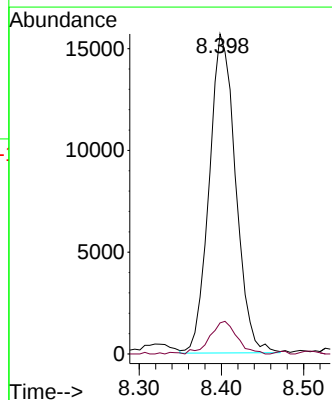
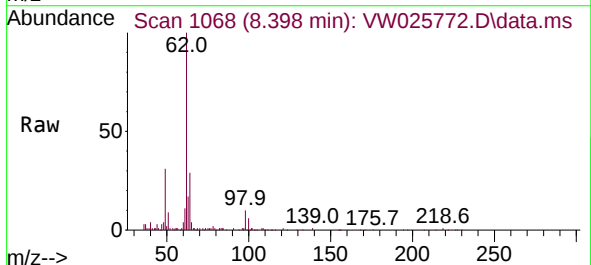
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

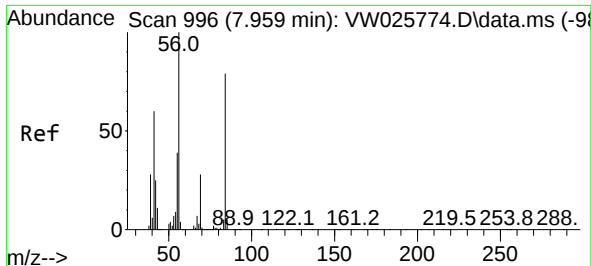
Tgt Ion: 83 Resp: 47795
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 2.817 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 62 Resp: 34965
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8

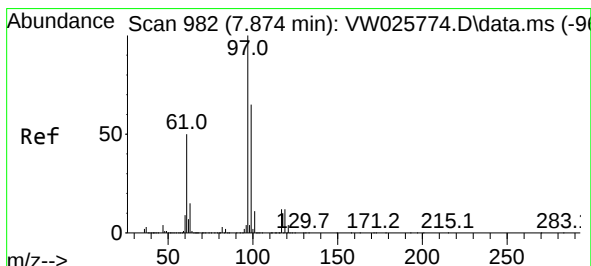
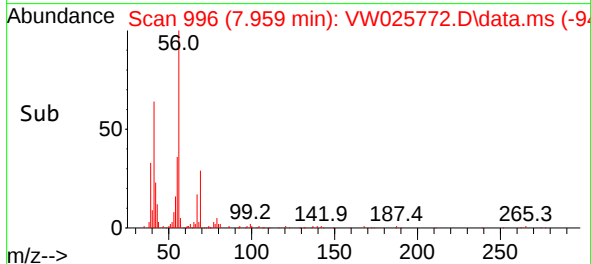
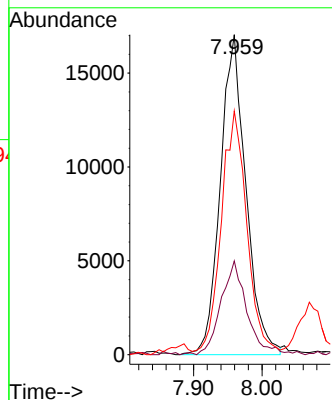
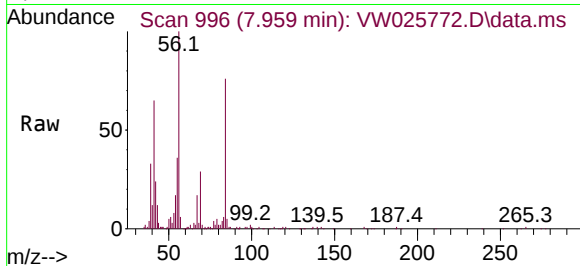




#29
Cyclohexane
Concen: 2.497 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

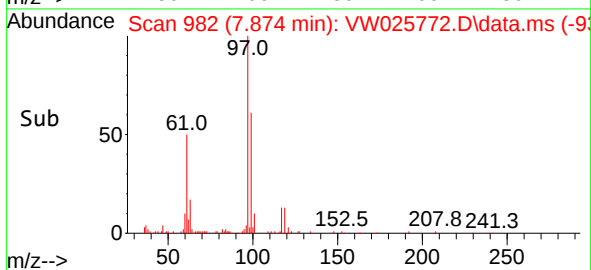
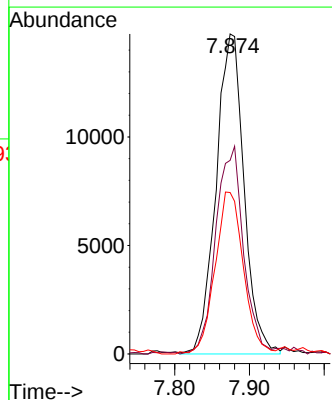
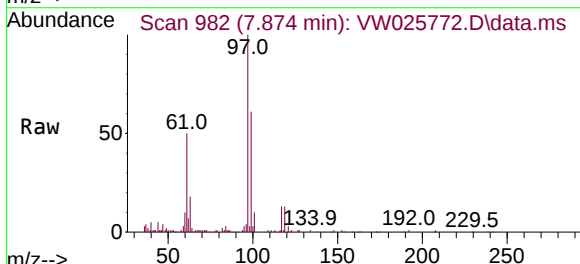
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

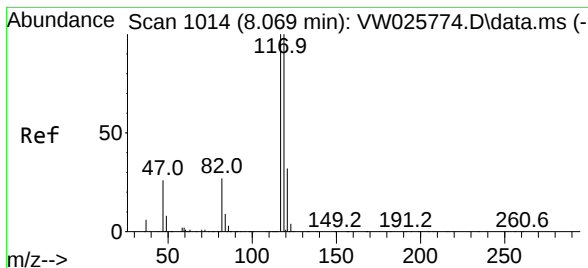
Tgt Ion:	56	Resp:	44135
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.4	35.0
84	75.2	63.3	94.9



#30
1,1,1-Trichloroethane
Concen: 2.755 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion:	97	Resp:	38430
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	50.5	40.4	60.6

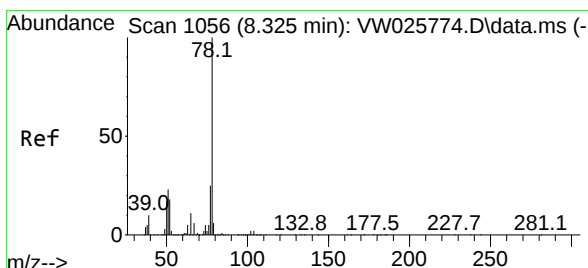
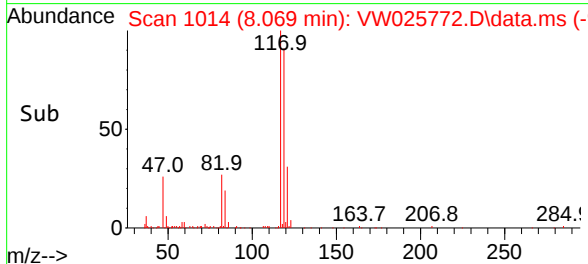
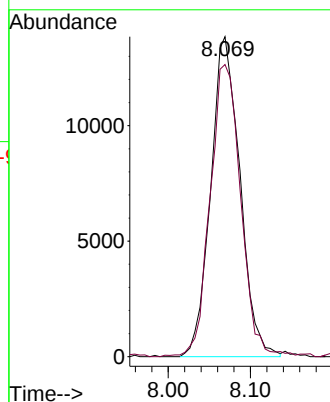
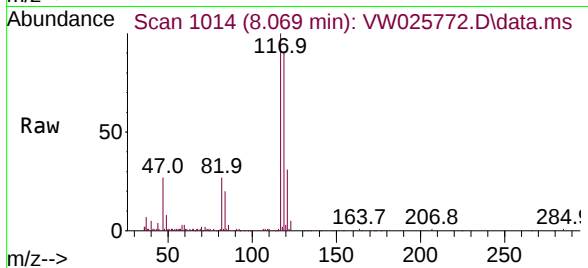




#31
Carbon tetrachloride
Concen: 2.726 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

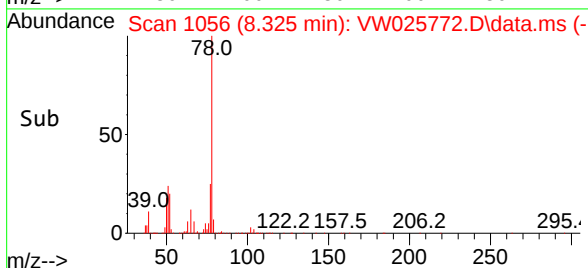
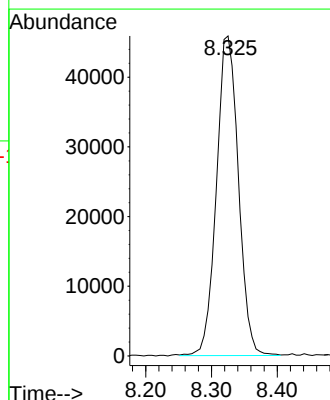
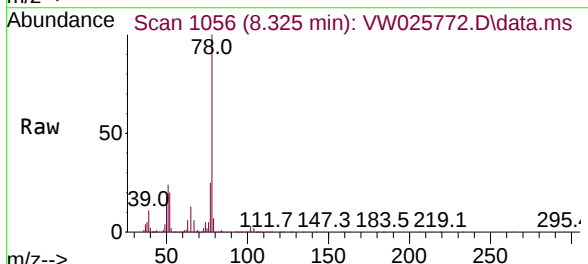
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

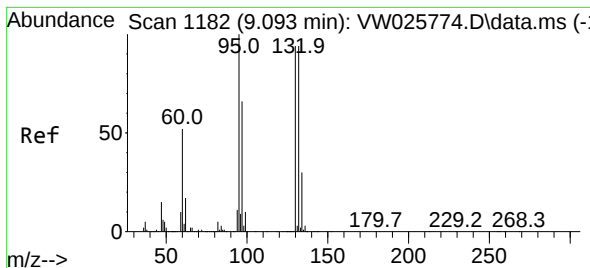
Tgt Ion:117 Resp: 34225
Ion Ratio Lower Upper
117 100
119 94.7 76.9 115.3



#33
Benzene
Concen: 2.706 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 78 Resp: 106763





#34

Trichloroethene

Concen: 2.723 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

Tgt Ion: 95 Resp: 27574

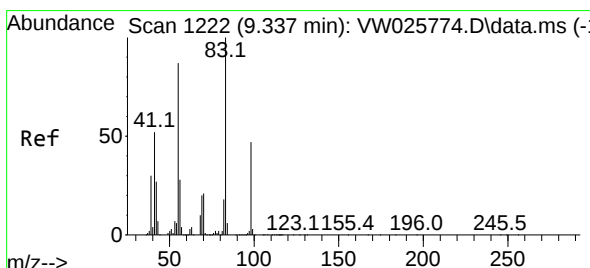
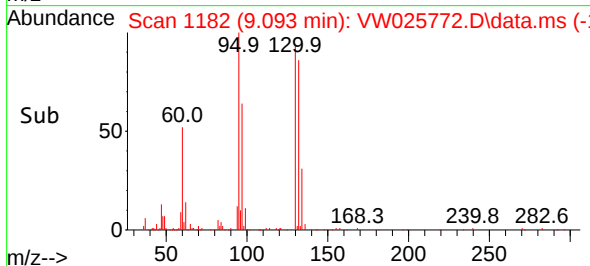
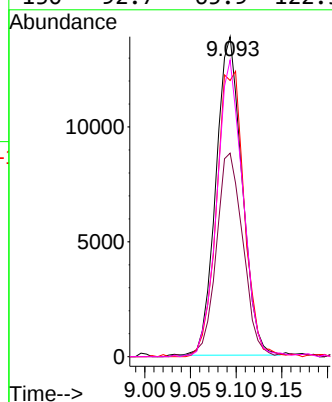
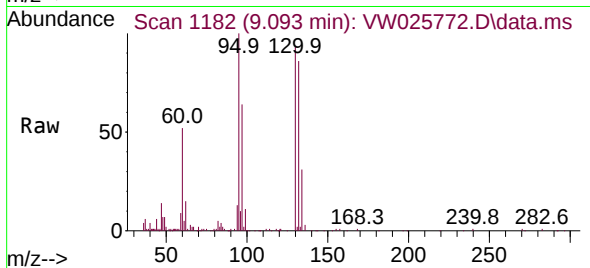
Ion Ratio Lower Upper

95 100

97 63.6 45.9 85.3

132 86.3 66.0 122.6

130 92.7 65.9 122.3



#35

Methylcyclohexane

Concen: 2.544 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

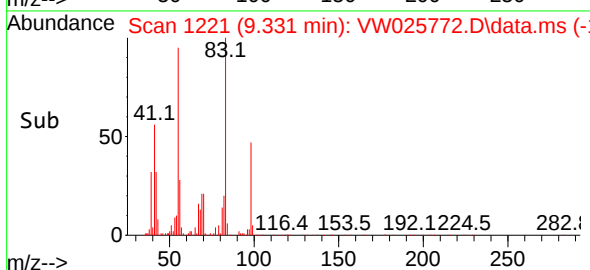
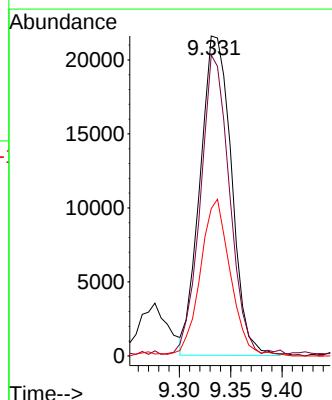
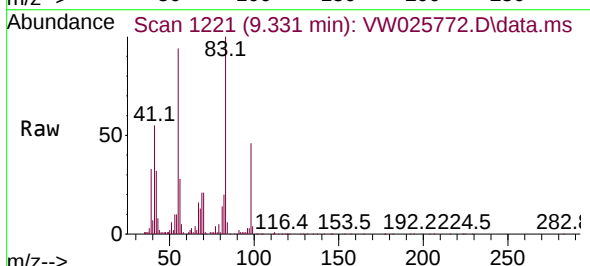
Tgt Ion: 83 Resp: 45826

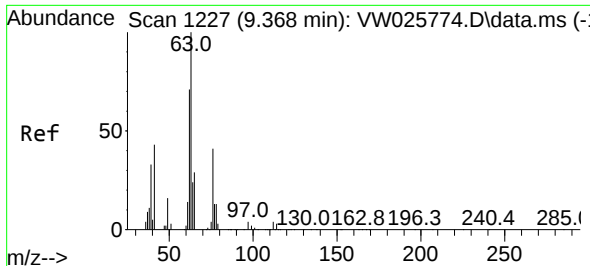
Ion Ratio Lower Upper

83 100

55 86.4 69.0 103.4

98 45.6 37.1 55.7





#37

1,2-Dichloropropane

Concen: 2.732 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

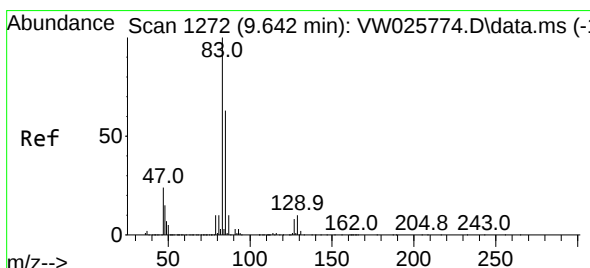
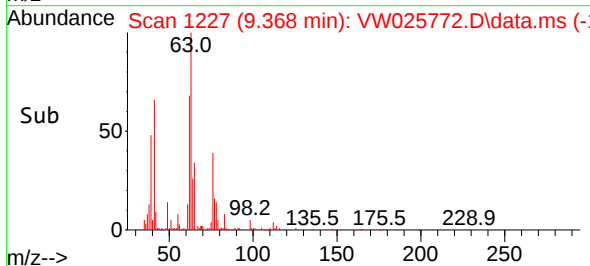
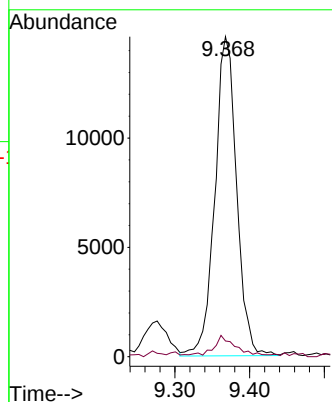
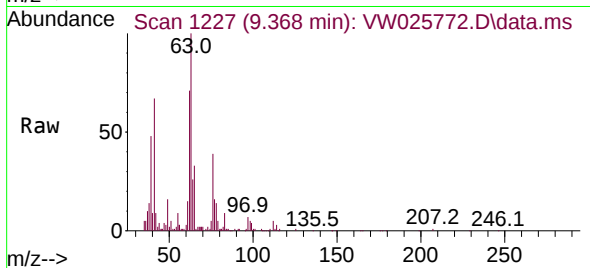
VSTD2.5451

Tgt Ion: 63 Resp: 29533

Ion Ratio Lower Upper

63 100

112 6.1 3.3 4.9#



#38

Bromodichloromethane

Concen: 2.701 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

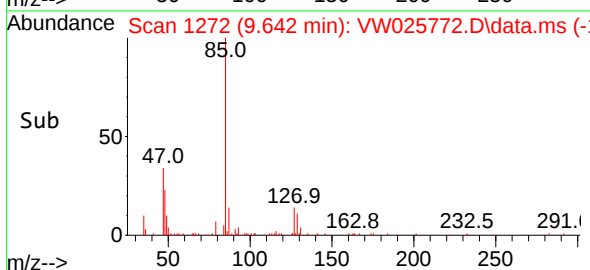
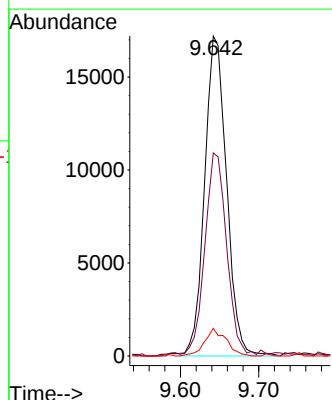
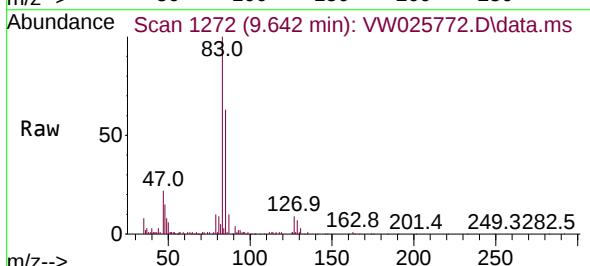
Tgt Ion: 83 Resp: 33504

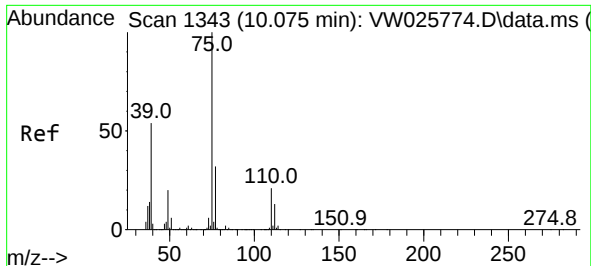
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 2.517 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

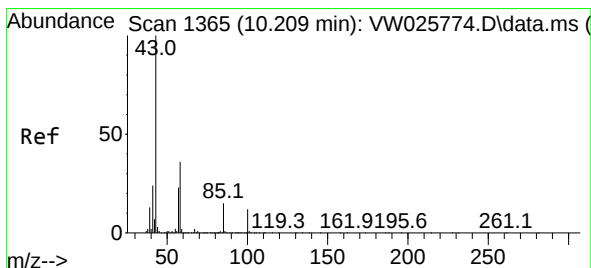
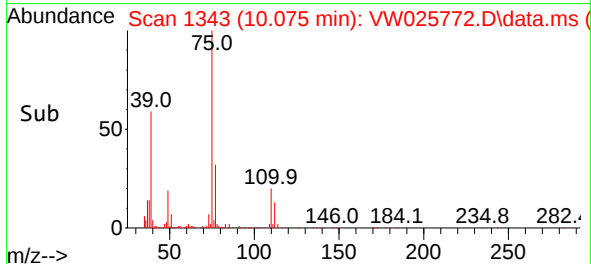
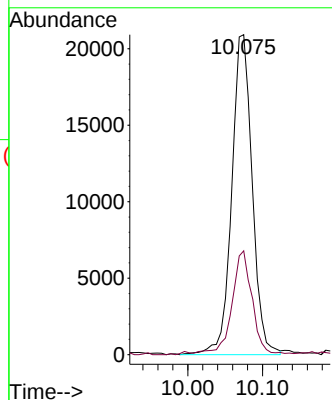
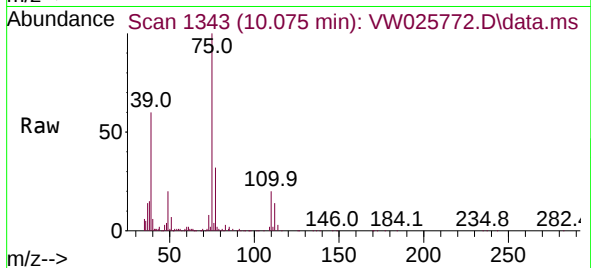
VSTD2.5451

Tgt Ion: 75 Resp: 39902

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 5.208 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

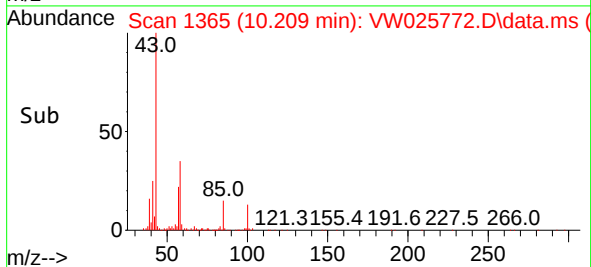
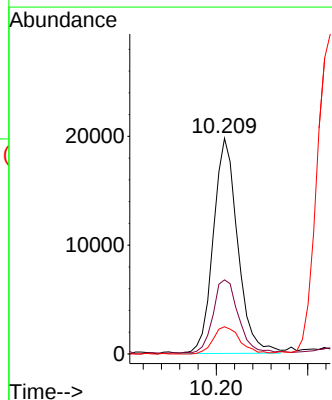
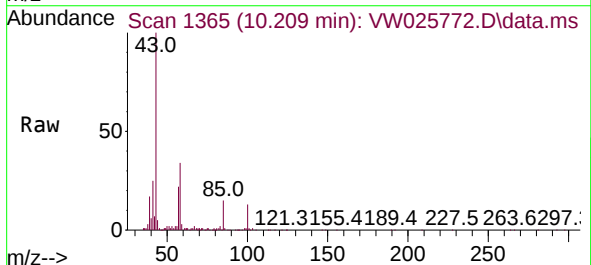
Tgt Ion: 43 Resp: 36647

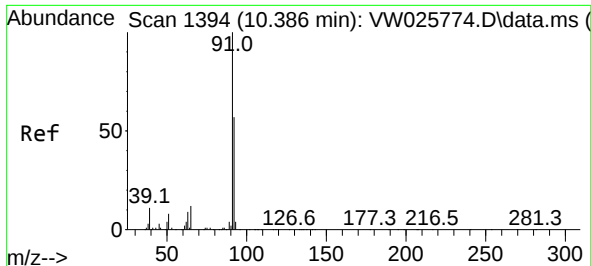
Ion Ratio Lower Upper

43 100

58 34.9 29.4 44.0

100 13.9 10.1 15.1

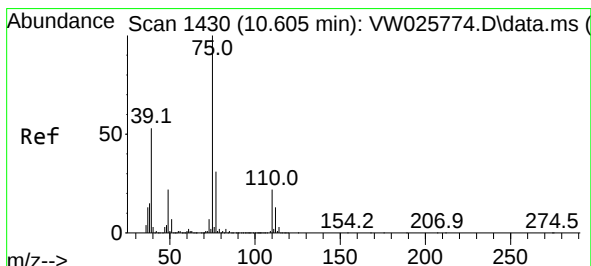
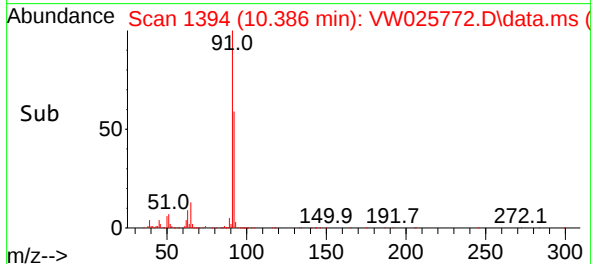
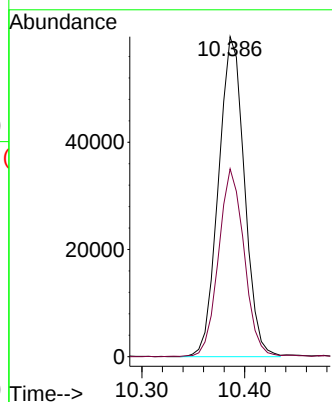
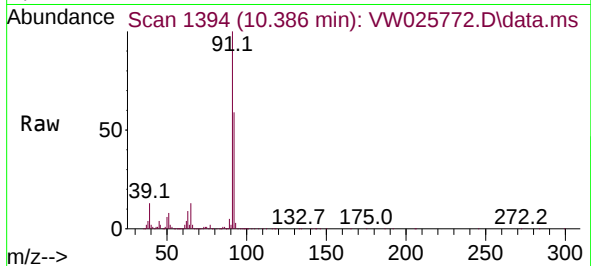




#42
Toluene
Concen: 2.595 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

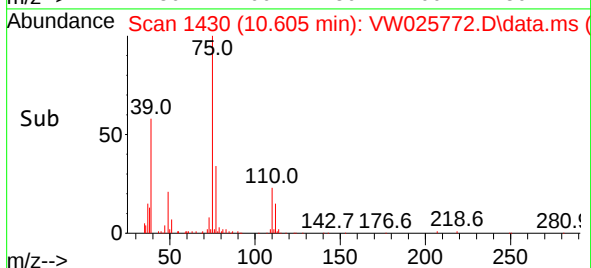
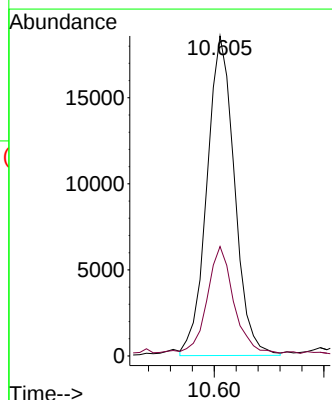
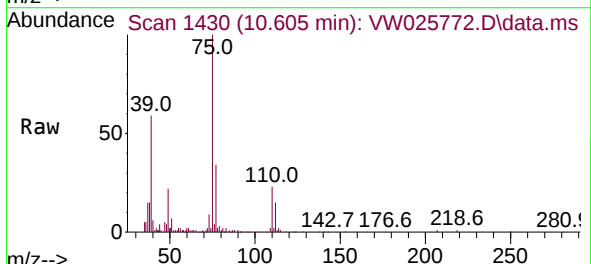
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

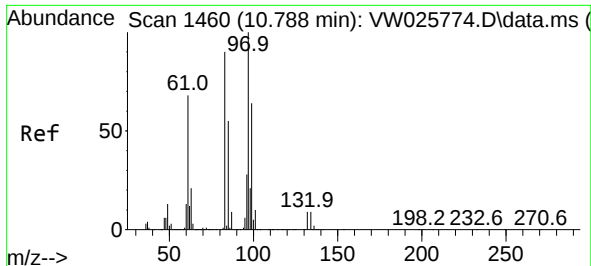
Tgt Ion: 91 Resp: 104653
Ion Ratio Lower Upper
91 100
92 58.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 2.471 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 75 Resp: 32463
Ion Ratio Lower Upper
75 100
77 34.2 21.8 40.4

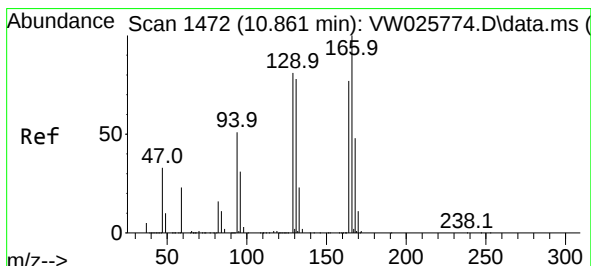
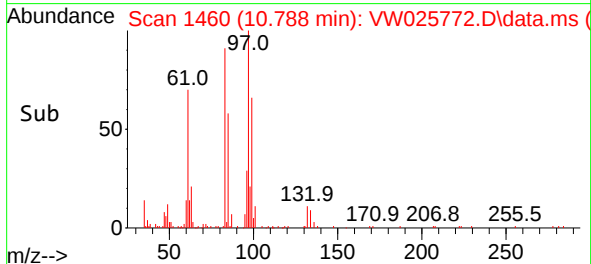
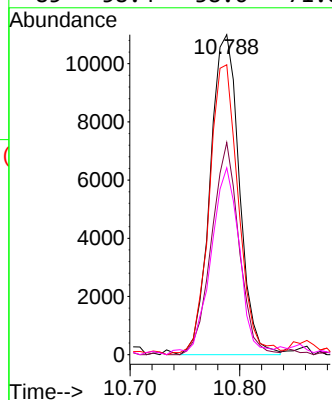
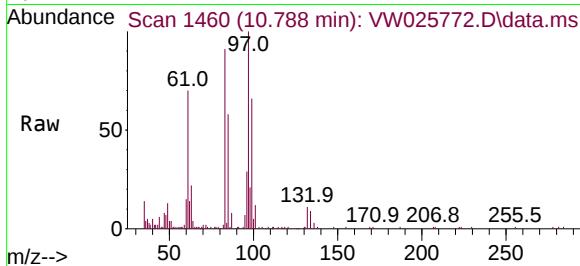




#45
1,1,2-Trichloroethane
Concen: 2.807 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

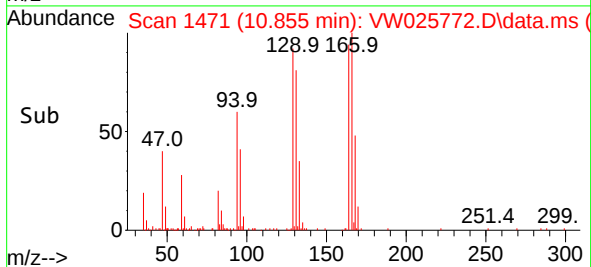
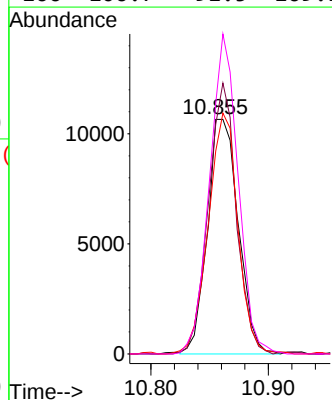
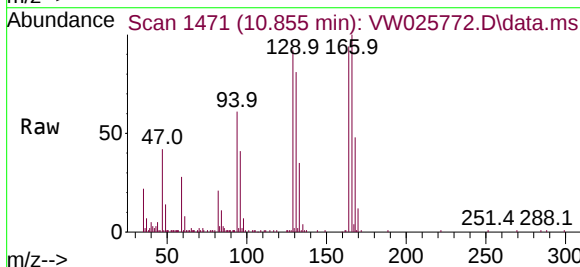
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

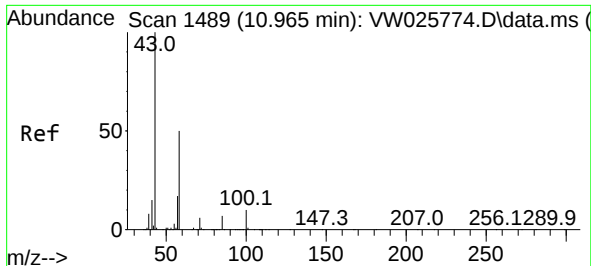
Tgt Ion:	97	Resp:	20303
Ion	Ratio	Lower	Upper
97	100		
99	66.3	44.5	82.7
83	90.6	63.0	117.0
85	58.4	38.6	71.8



#46
Tetrachloroethene
Concen: 2.737 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion:	164	Resp:	19498
Ion	Ratio	Lower	Upper
164	100		
129	100.2	74.3	138.1
131	86.5	71.3	132.3
166	106.7	91.5	169.9

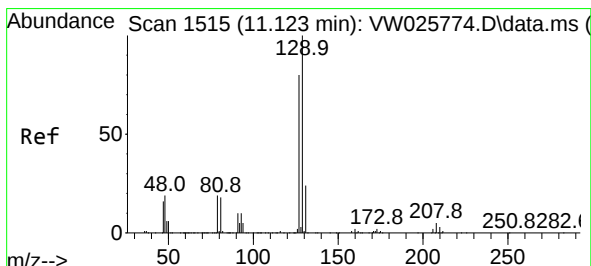
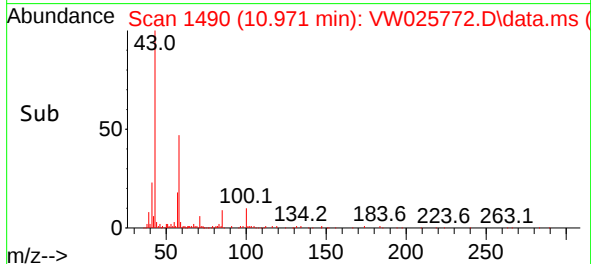
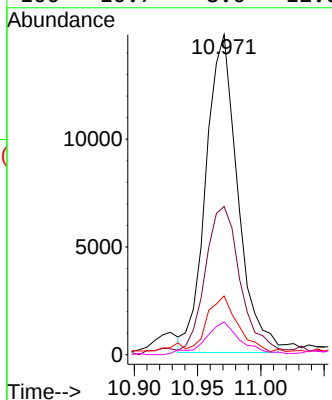
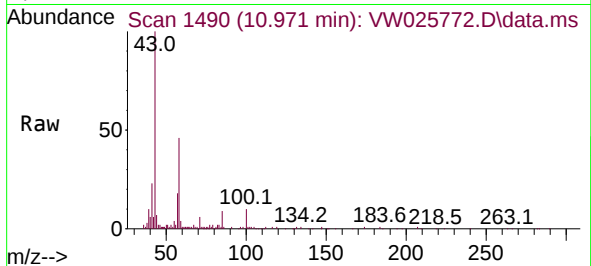




#48
2-Hexanone
Concen: 5.045 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

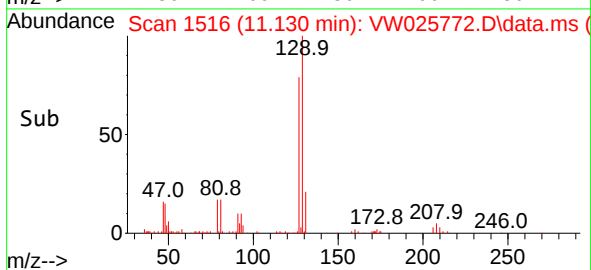
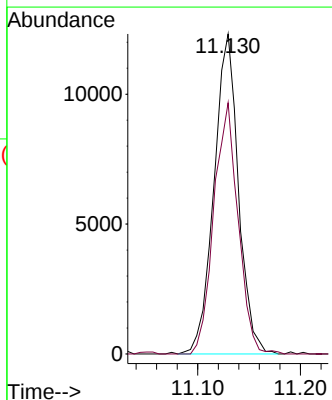
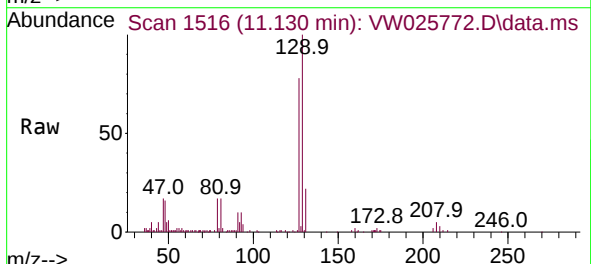
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

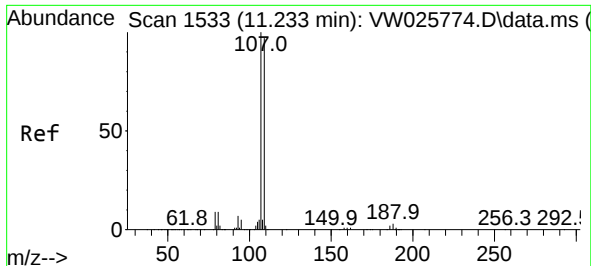
Tgt Ion: 43	Resp: 25863		
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.8	61.2
57	18.7	13.6	20.4
100	10.7	8.0	12.0



#49
Dibromochloromethane
Concen: 2.718 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion:129	Resp:	20352	
Ion	Ratio	Lower	Upper
129	100		
127	78.5	56.1	104.3





#50

1,2-Dibromoethane

Concen: 2.718 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

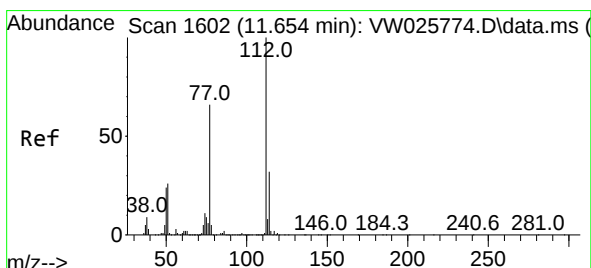
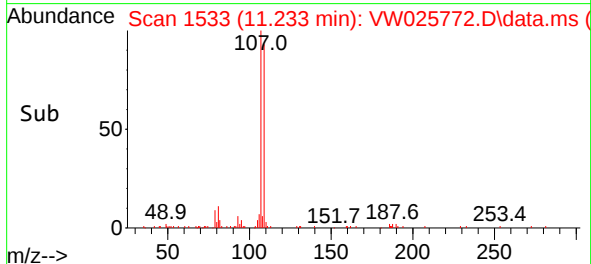
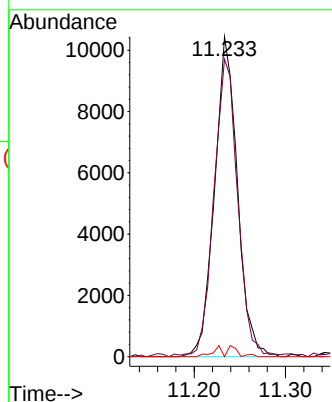
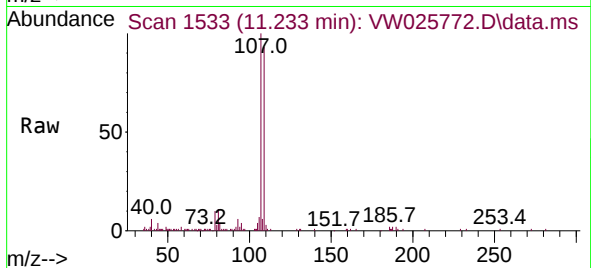
Tgt Ion:107 Resp: 18119

Ion Ratio Lower Upper

107 100

109 93.0 67.5 125.4

188 0.0 2.6 4.0#



#51

Chlorobenzene

Concen: 2.728 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

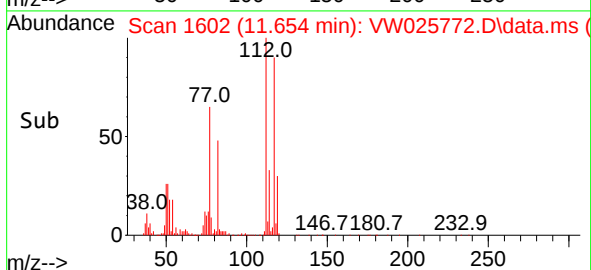
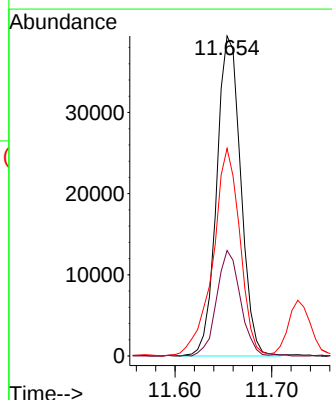
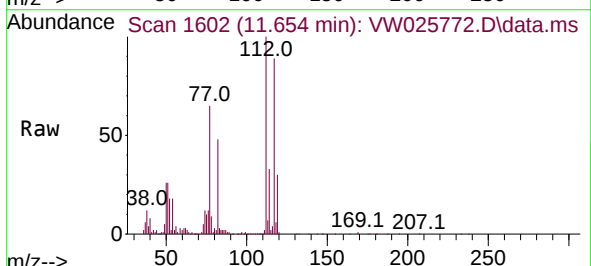
Tgt Ion:112 Resp: 68136

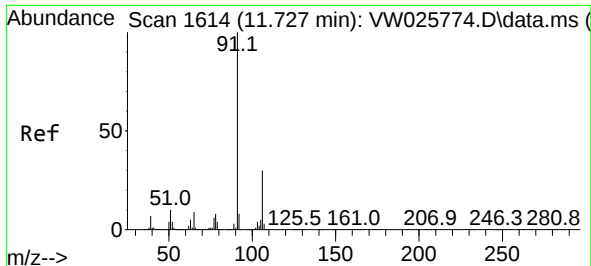
Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.3

77 64.9 53.0 79.6

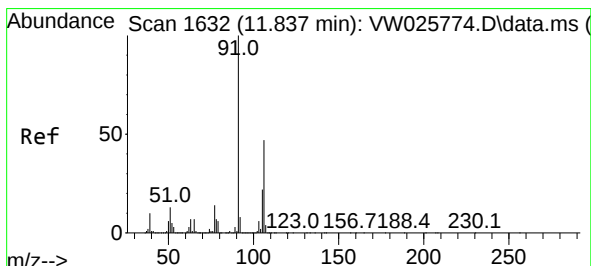
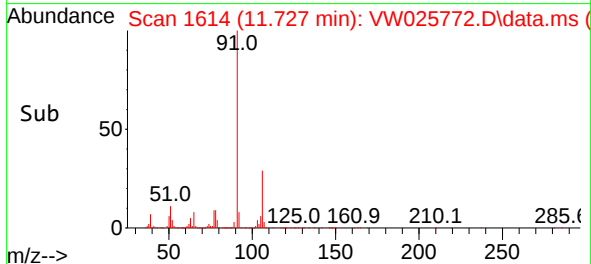
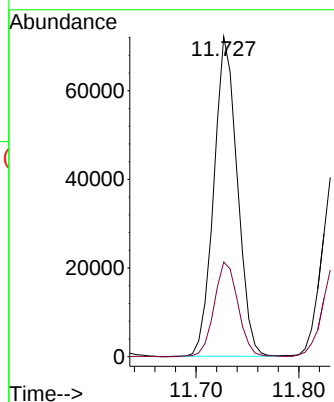
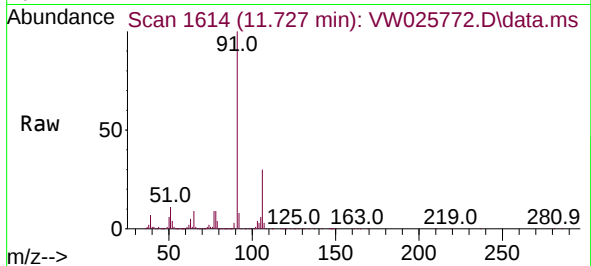




#52
Ethylbenzene
Concen: 2.519 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

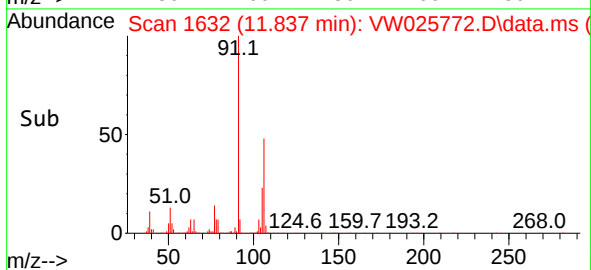
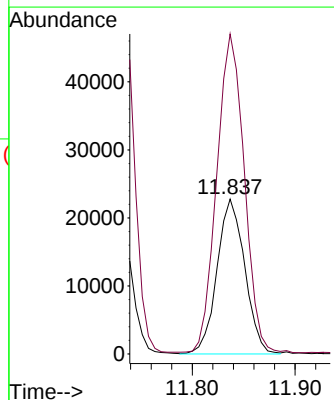
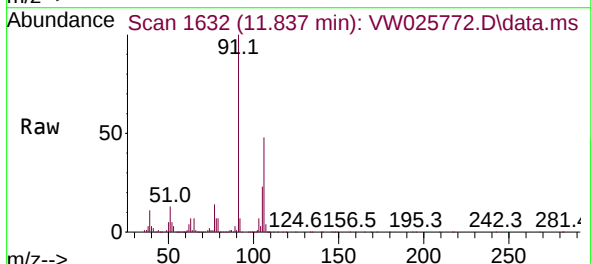
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

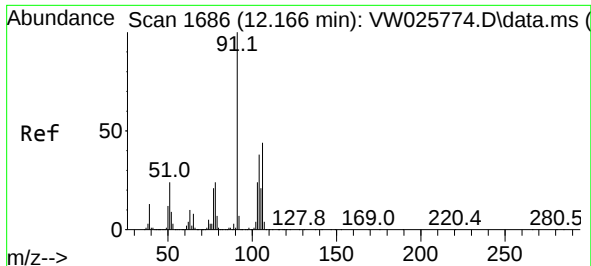
Tgt Ion: 91 Resp: 114260
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 2.556 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 106 Resp: 42666
Ion Ratio Lower Upper
106 100
91 206.5 150.1 278.9

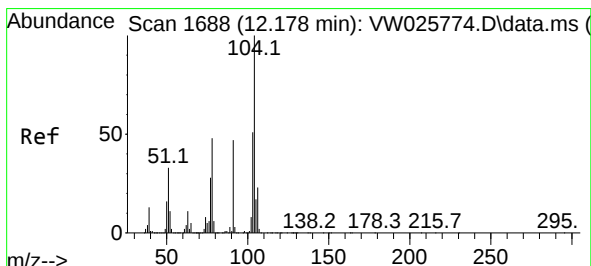
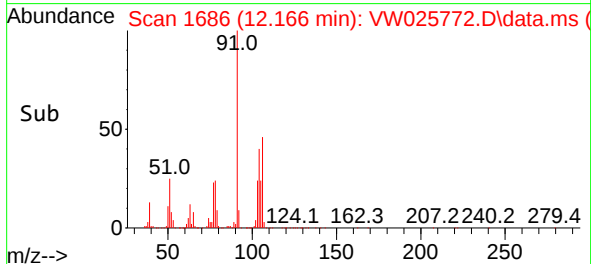
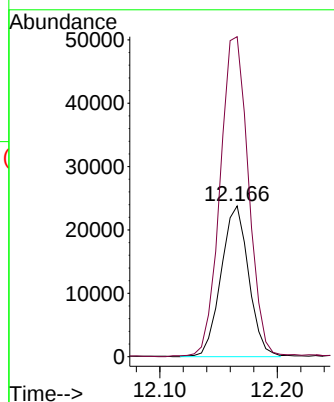
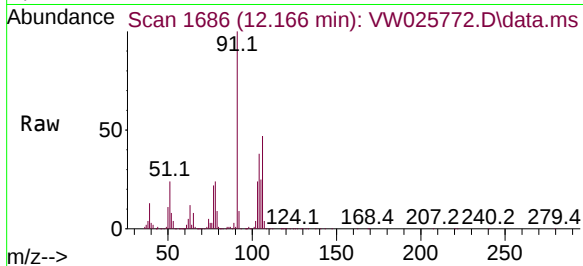




#54
o-Xylene
Concen: 2.463 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

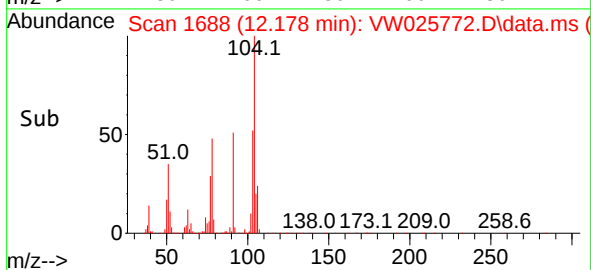
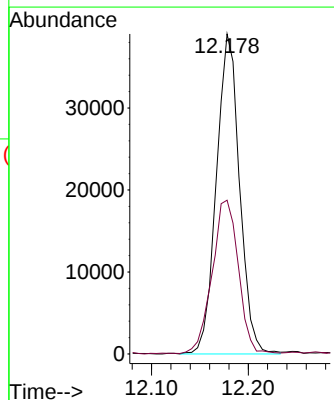
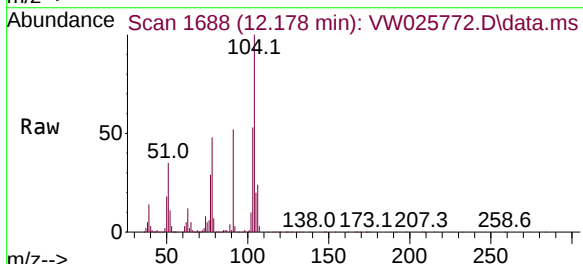
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

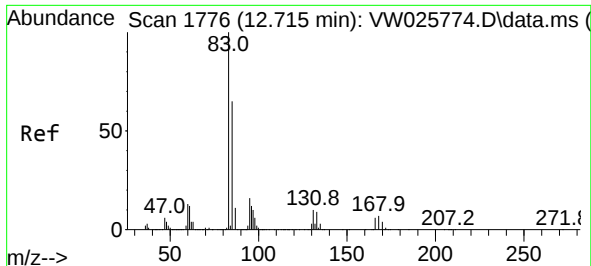
Tgt Ion:106 Resp: 38756
Ion Ratio Lower Upper
106 100
91 212.2 157.8 293.1



#55
Styrene
Concen: 2.411 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion:104 Resp: 64935
Ion Ratio Lower Upper
104 100
78 48.0 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.821 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

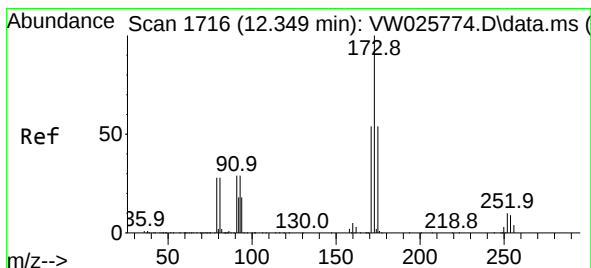
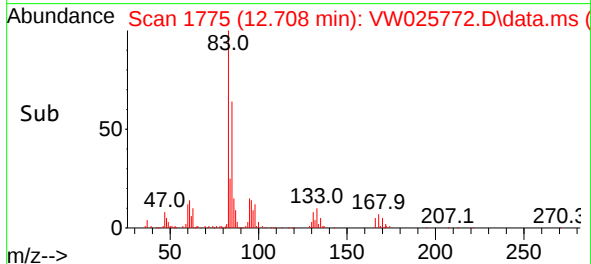
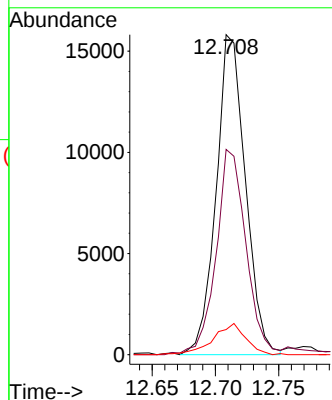
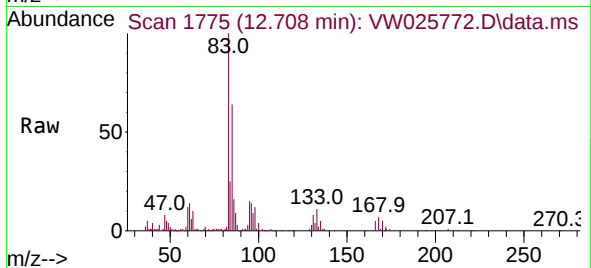
Tgt Ion: 83 Resp: 25460

Ion Ratio Lower Upper

83 100

85 64.1 45.6 84.8

131 7.9 8.1 12.1#



#59

Bromoform

Concen: 2.577 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

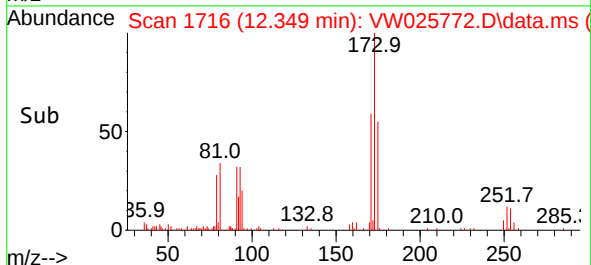
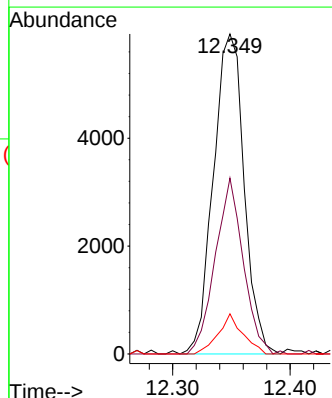
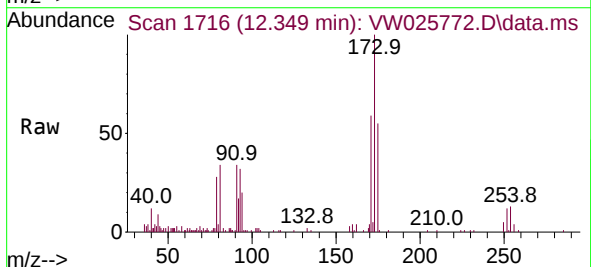
Tgt Ion: 173 Resp: 10764

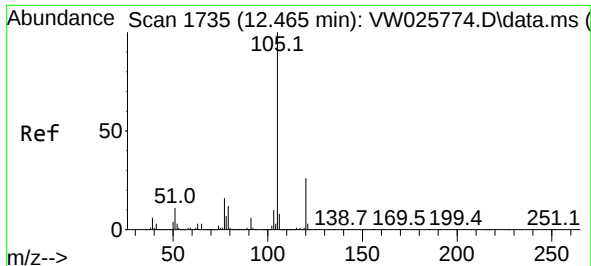
Ion Ratio Lower Upper

173 100

175 50.0 38.6 57.8

254 10.0 7.6 11.4

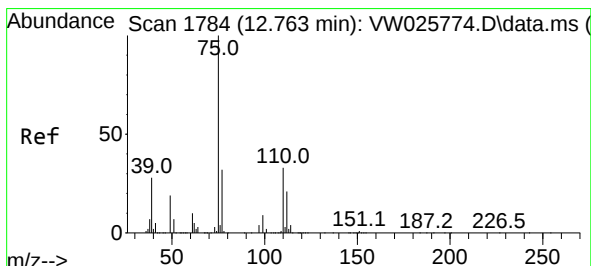
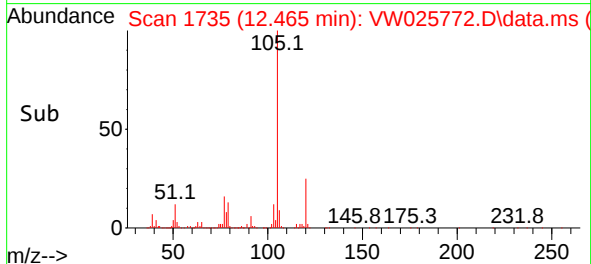
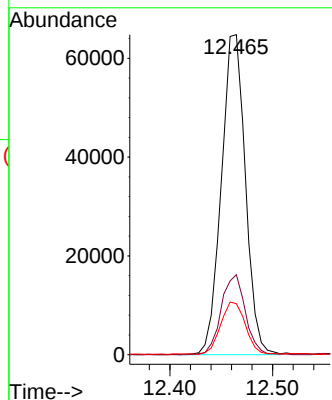
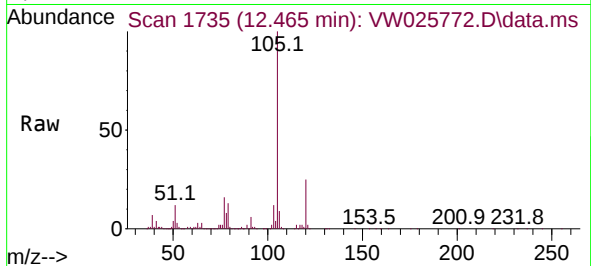




#60
Isopropylbenzene
Concen: 2.458 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

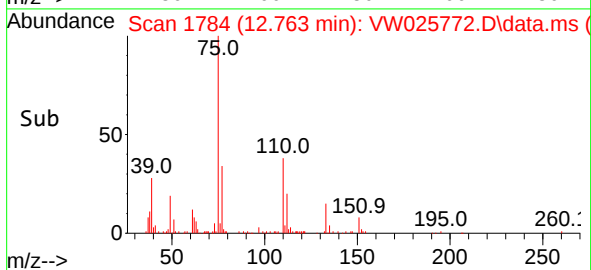
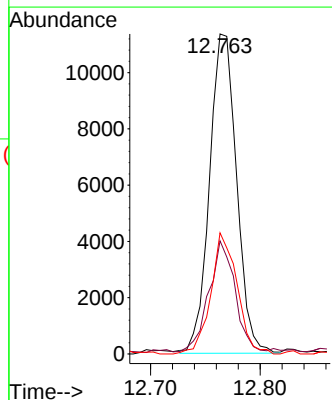
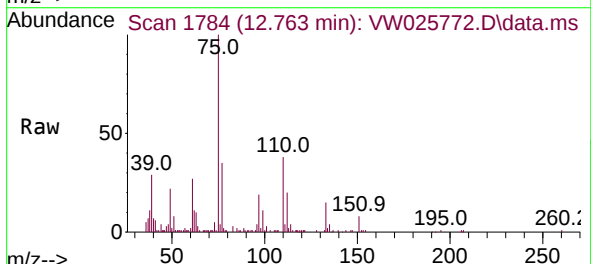
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

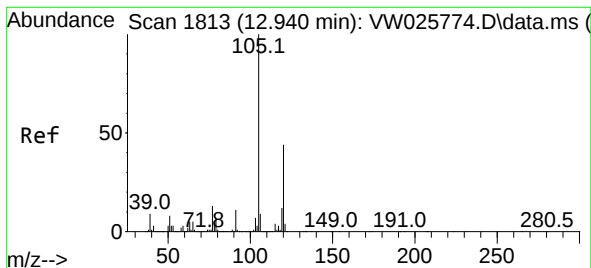
Tgt Ion:105 Resp: 105329
Ion Ratio Lower Upper
105 100
120 25.0 21.1 31.7
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 2.931 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion: 75 Resp: 19533
Ion Ratio Lower Upper
75 100
77 35.3 25.2 37.8
110 36.7 27.6 41.4

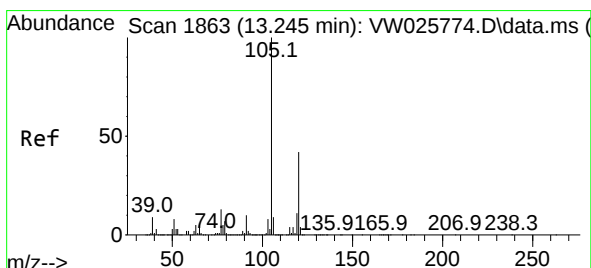
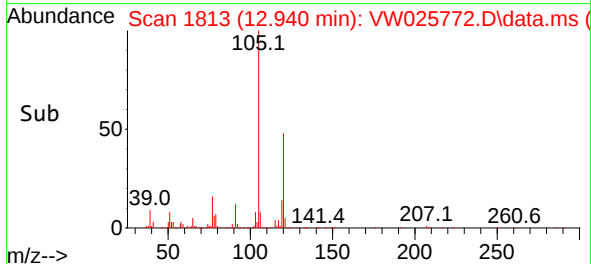
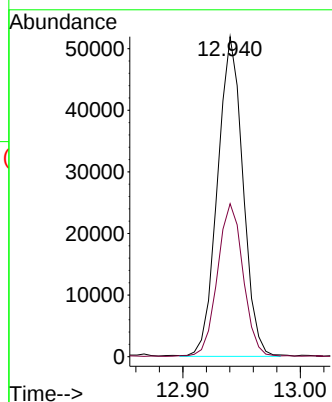
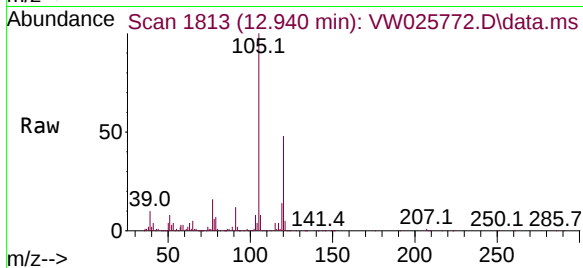




#62
1,3,5-Trimethylbenzene
Concen: 2.299 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

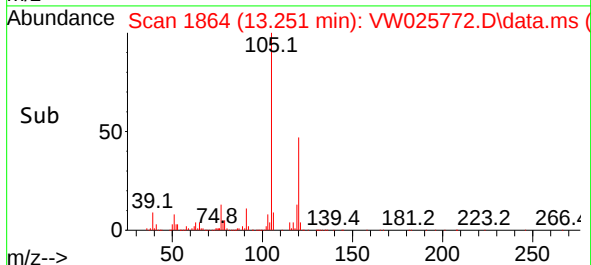
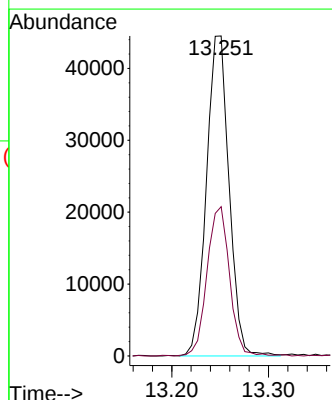
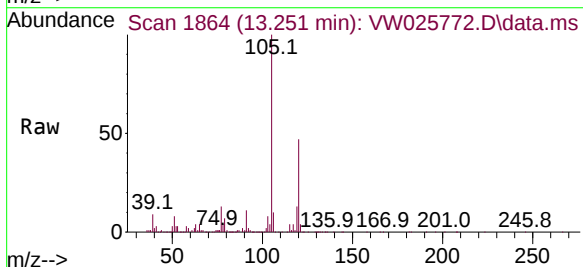
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5451

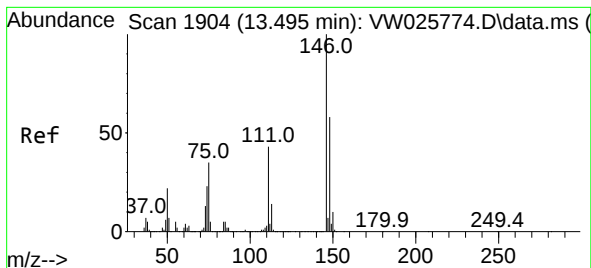
Tgt Ion:105 Resp: 78043
Ion Ratio Lower Upper
105 100
120 48.5 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 2.314 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025772.D
Acq: 01 May 2023 11:39

Tgt Ion:105 Resp: 72500
Ion Ratio Lower Upper
105 100
120 46.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 2.735 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

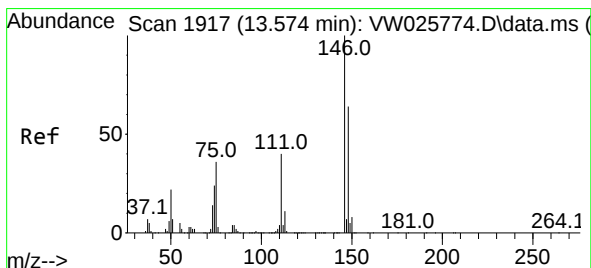
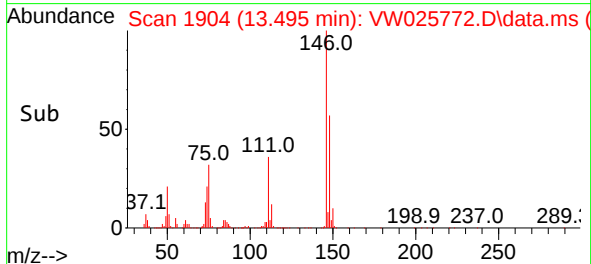
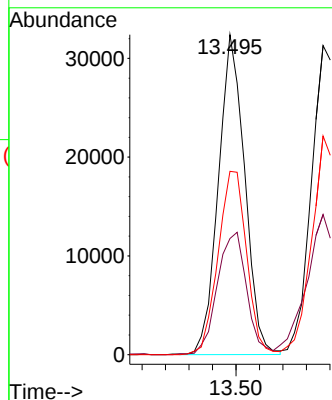
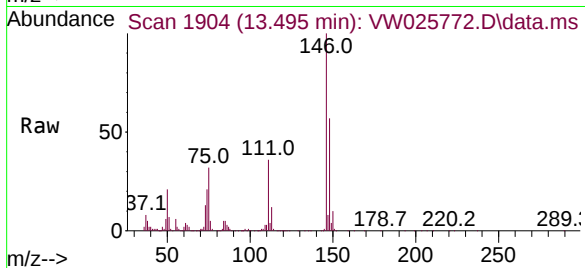
Tgt Ion:146 Resp: 50456

Ion Ratio Lower Upper

146 100

111 36.3 30.4 56.4

148 57.3 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 2.760 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

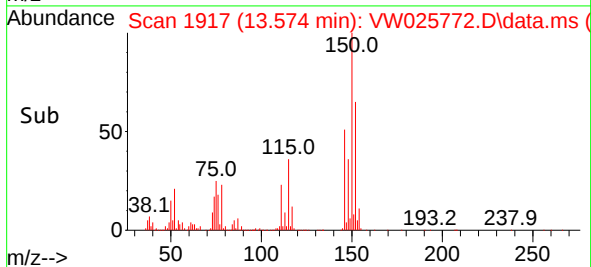
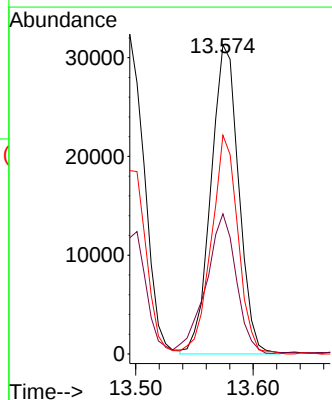
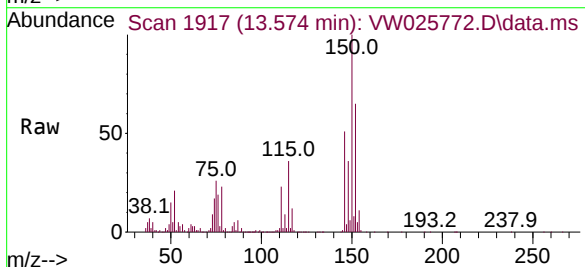
Tgt Ion:146 Resp: 51448

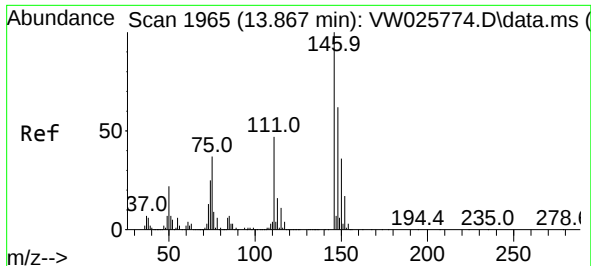
Ion Ratio Lower Upper

146 100

111 45.3 27.9 51.9

148 70.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 2.722 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

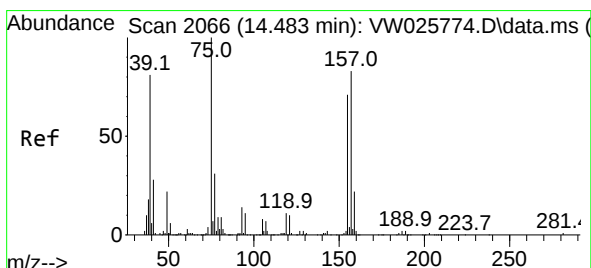
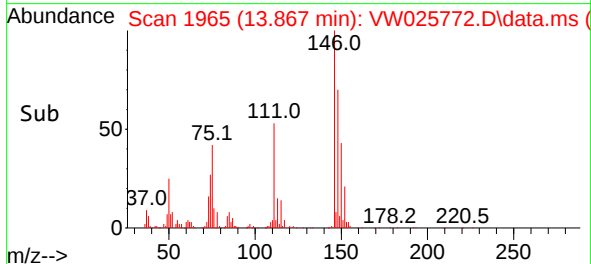
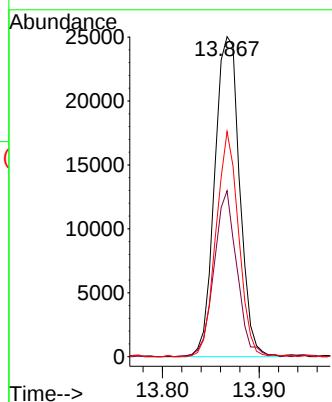
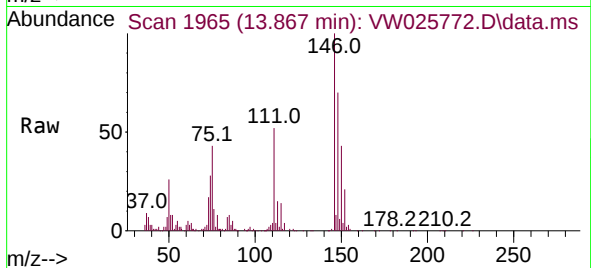
Tgt Ion:146 Resp: 44786

Ion Ratio Lower Upper

146 100

111 51.9 37.7 56.5

148 70.3 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.172 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

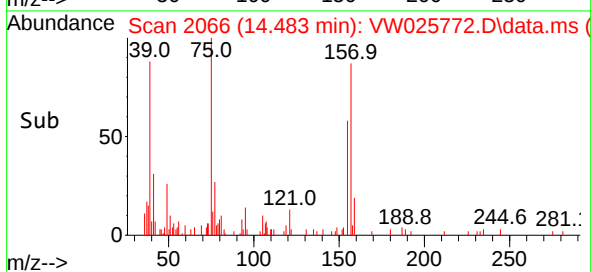
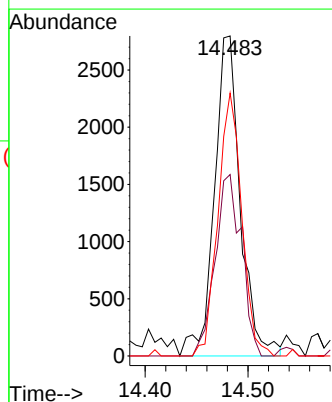
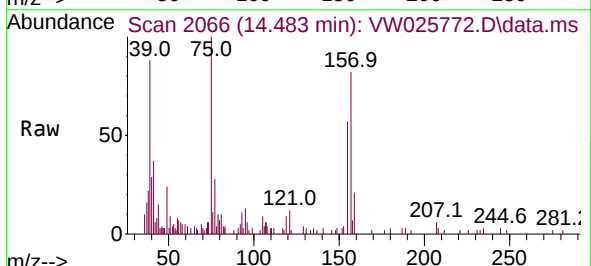
Tgt Ion: 75 Resp: 4901

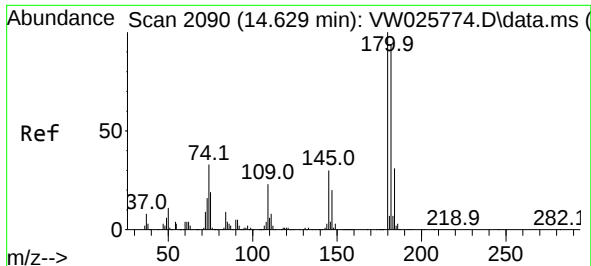
Ion Ratio Lower Upper

75 100

155 56.7 56.3 84.5

157 82.2 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 2.748 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

Tgt Ion:180 Resp: 33649

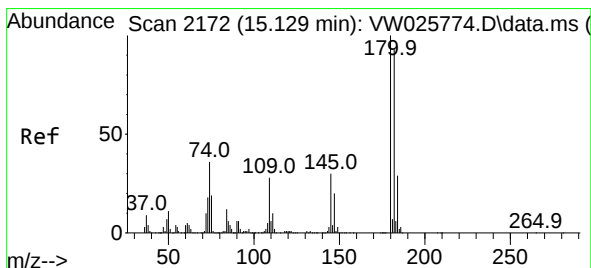
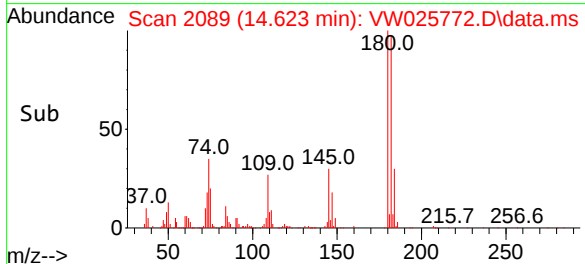
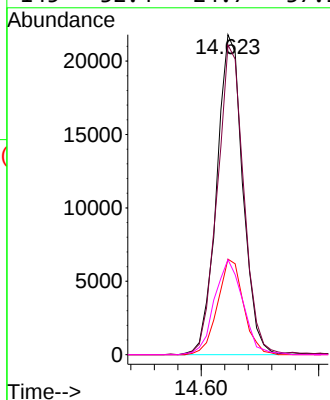
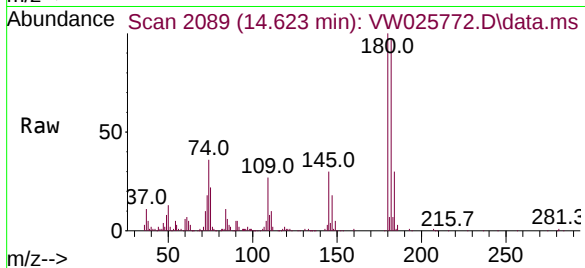
Ion Ratio Lower Upper

180 100

182 97.7 77.4 116.0

184 29.6 24.7 37.1

145 32.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 2.674 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

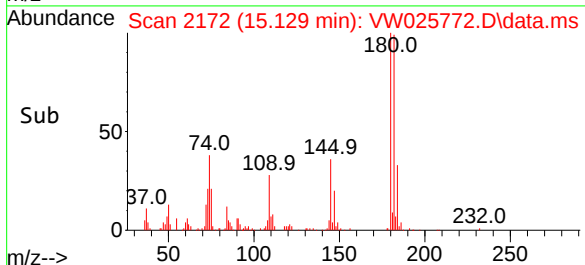
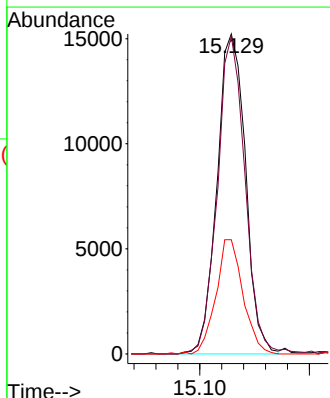
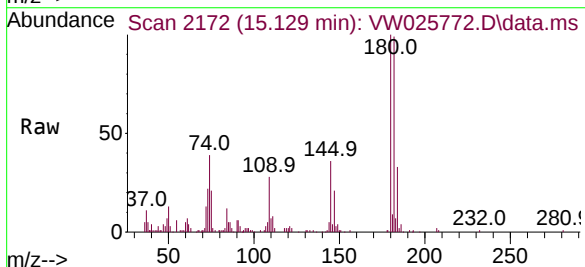
Tgt Ion:180 Resp: 27434

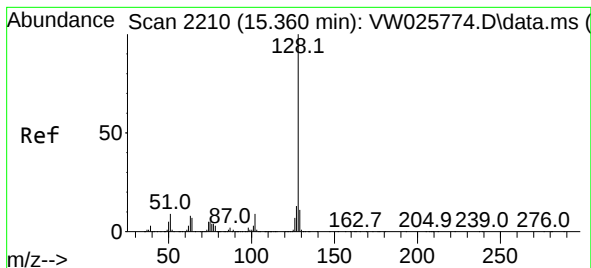
Ion Ratio Lower Upper

180 100

182 96.5 74.3 111.5

145 34.0 25.4 38.0





#71

Naphthalene

Concen: 2.464 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5451

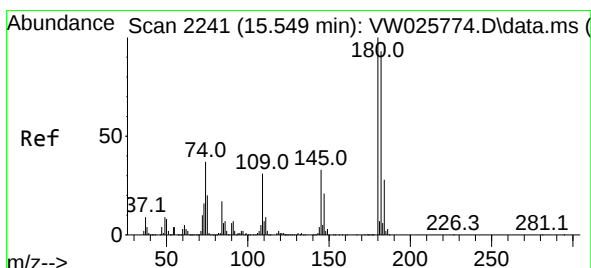
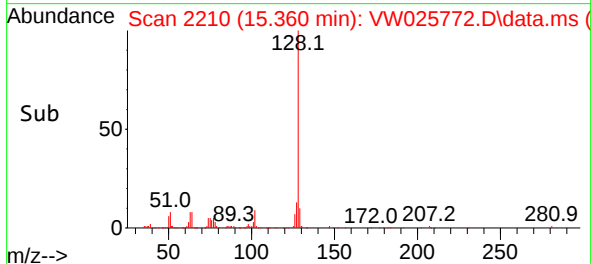
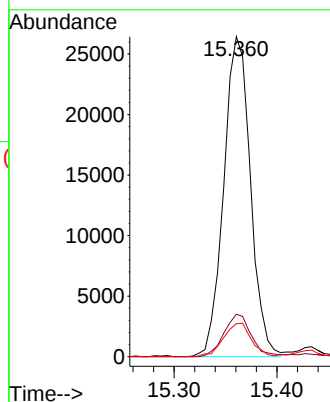
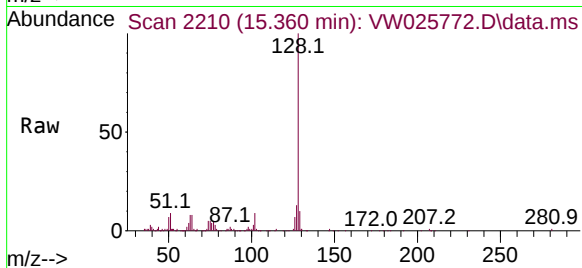
Tgt Ion:128 Resp: 47708

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.760 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025772.D

Acq: 01 May 2023 11:39

Tgt Ion:180 Resp: 25128

Ion Ratio Lower Upper

180 100

182 99.5 76.1 114.1

145 36.0 28.0 42.0

