

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
 Data File : VW023258.D
 Acq On : 23 May 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: May 24 01:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	297302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310762	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147237	24.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
7) Chloroethane-d5	2.873	69	100597	25.350	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	4.013	63	176623	22.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.640%
21) 2-Butanone-d5	7.074	46	68056	58.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.647	84	232774	26.724	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.305	65	131136	27.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	8.269	84	434579	24.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	9.268	67	129639	25.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.323	98	430116	24.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.573	79	61356	26.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.920%
47) 2-Hexanone-d5	10.921	63	57509	59.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.740%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135787	28.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	166069	26.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	60653	37.424	ug/L	95
3) Chloromethane	2.209	50	117302	37.455	ug/L	100
5) Vinyl chloride	2.355	62	172113	27.384	ug/L	98
6) Bromomethane	2.770	94	101321	25.108	ug/L	97
8) Chloroethane	2.910	64	85759	28.289	ug/L	98
9) Trichlorofluoromethane	3.245	101	59080	20.566	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	108672	25.299	ug/L	97
12) 1,1-Dichloroethene	4.038	96	91464	24.020	ug/L	93
13) Acetone	4.117	43	39188	45.133	ug/L	98
14) Carbon disulfide	4.379	76	256205	24.542	ug/L	99
15) Methyl Acetate	4.672	43	51114	29.302	ug/L	97
16) Methylene chloride	4.916	84	112704	25.907	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	106293	24.806	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	188360	28.795	ug/L	99
19) 1,1-Dichloroethane	6.208	63	194182	26.738	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	124422	27.033	ug/L #	92
22) 2-Butanone	7.171	43	64192	52.864	ug/L	99
23) Bromochloromethane	7.507	128	58200	27.001	ug/L	95
25) Chloroform	7.671	83	218923	27.262	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
 Data File : VW023258.D
 Acq On : 23 May 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

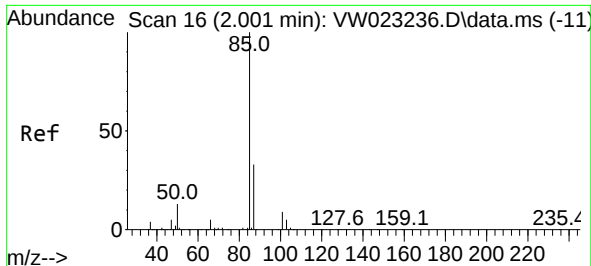
Quant Time: May 24 01:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 24 01:27:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	153278	28.634	ug/L	100
29) Cyclohexane	7.952	56	171169	25.468	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	189185	25.761	ug/L	99
31) Carbon tetrachloride	8.067	117	172193	25.066	ug/L	99
33) Benzene	8.317	78	480410	26.242	ug/L	100
34) Trichloroethene	9.086	95	128715	25.566	ug/L	97
35) Methylcyclohexane	9.329	83	213300	25.789	ug/L	98
37) 1,2-Dichloropropane	9.366	63	116261	26.242	ug/L	100
38) Bromodichloromethane	9.640	83	162627	25.844	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	187141	27.243	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	157755	56.495	ug/L	99
42) Toluene	10.384	91	546602	26.642	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	172346	28.109	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	102643	27.715	ug/L	99
46) Tetrachloroethene	10.860	164	101676	26.873	ug/L	91
48) 2-Hexanone	10.969	43	110931	59.457	ug/L	97
49) Dibromochloromethane	11.128	129	122977	27.589	ug/L	100
50) 1,2-Dibromoethane	11.232	107	100834	27.114	ug/L	95
51) Chlorobenzene	11.658	112	360478	26.651	ug/L	96
52) Ethylbenzene	11.725	91	617743	27.064	ug/L	98
53) m,p-Xylene	11.841	106	246119	27.366	ug/L	93
54) o-Xylene	12.164	106	239044	27.698	ug/L	94
55) Styrene	12.176	104	408980	27.888	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	131341	28.393	ug/L	94
59) Bromoform	12.347	173	66922	26.344	ug/L	98
60) Isopropylbenzene	12.463	105	646342	26.321	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	96119	26.837	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	344950	25.249	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	549398	26.782	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	289134	26.372	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	291738	25.762	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	267137	26.627	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21049	26.891	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	194256	26.692	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	158792	27.124	ug/L	99
71) Naphthalene	15.365	128	372598	29.283	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	141770	27.324	ug/L	95

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

Quant Time: May 24 01:32:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 24 01:27:20 2022
Response via : Initial Calibration

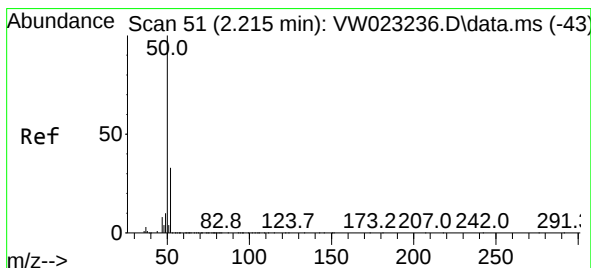
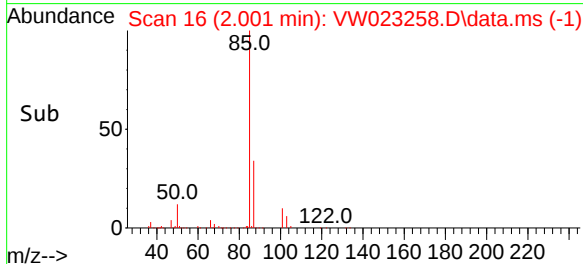
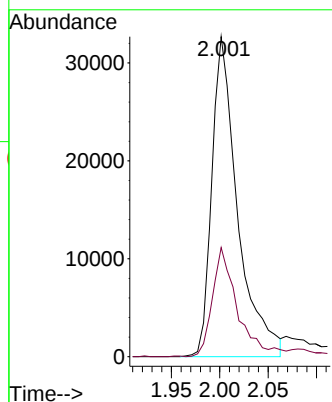
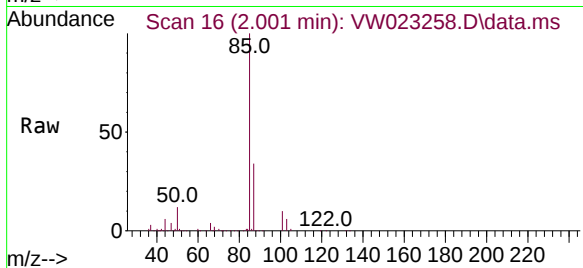




#2
 Dichlorodifluoromethane
 Concen: 37.424 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

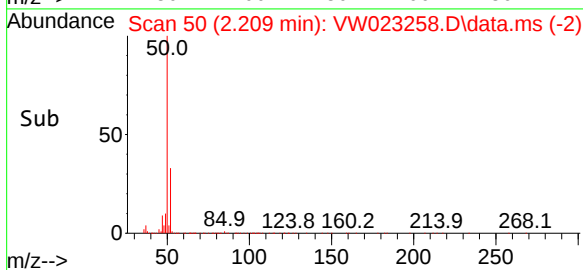
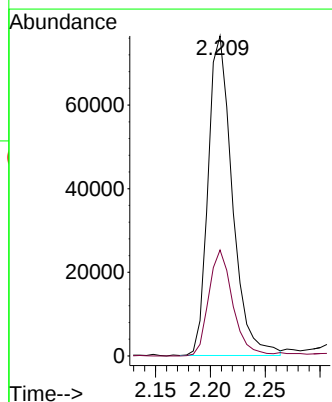
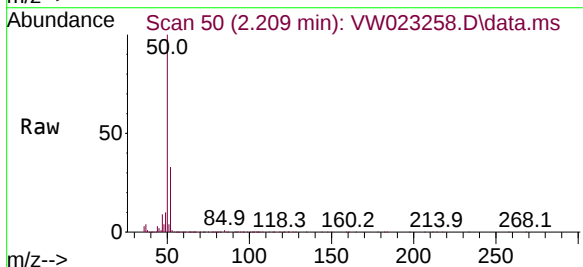
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

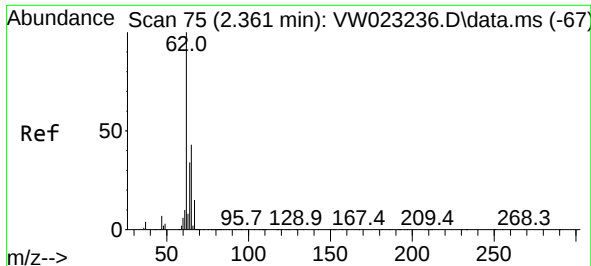
Tgt Ion: 85 Resp: 60653
 Ion Ratio Lower Upper
 85 100
 87 32.0 27.8 41.8



#3
 Chloromethane
 Concen: 37.455 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

Tgt Ion: 50 Resp: 117302
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

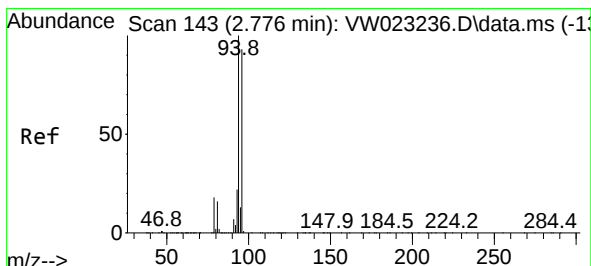
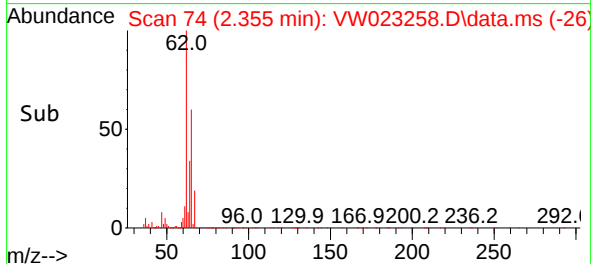
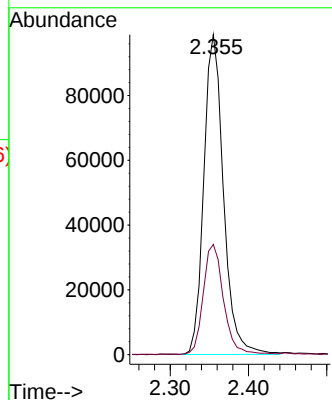
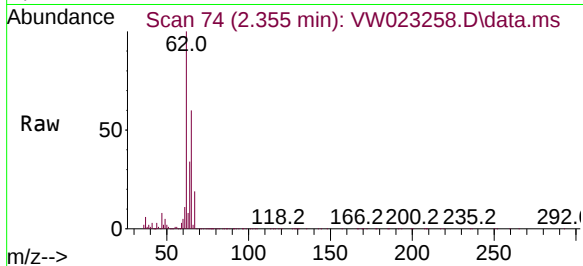




#5
 Vinyl chloride
 Concen: 27.384 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

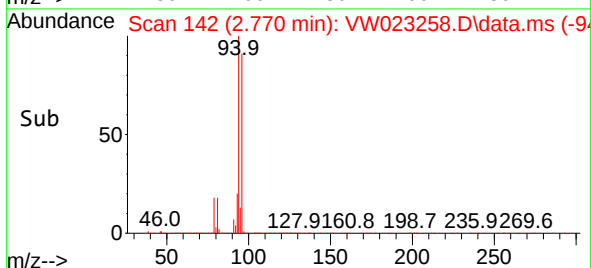
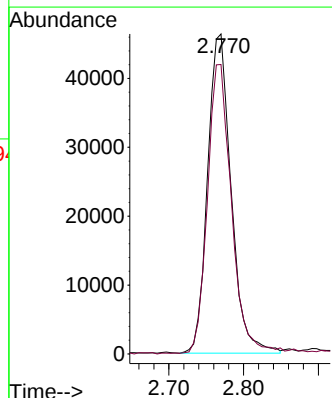
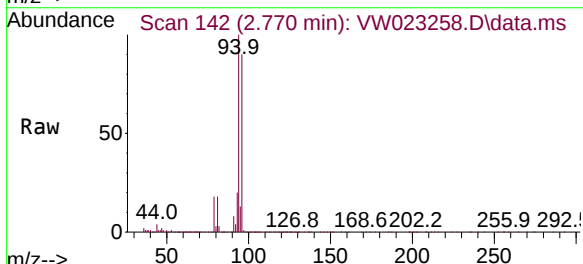
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

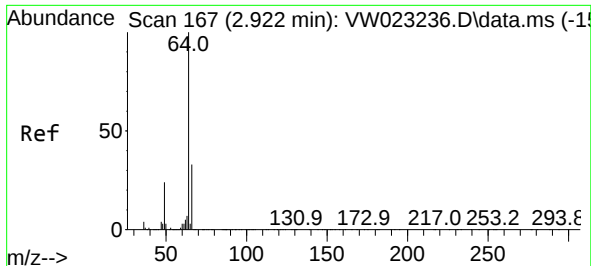
Tgt Ion: 62 Resp: 172113
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 25.108 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

Tgt Ion: 94 Resp: 101321
 Ion Ratio Lower Upper
 94 100
 96 90.5 61.7 114.5

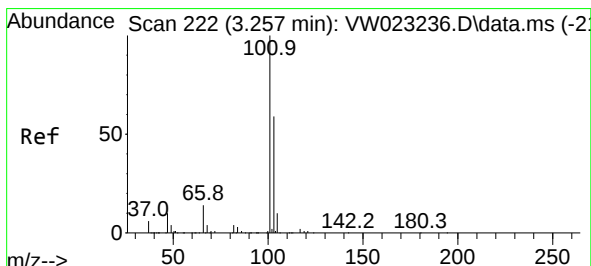
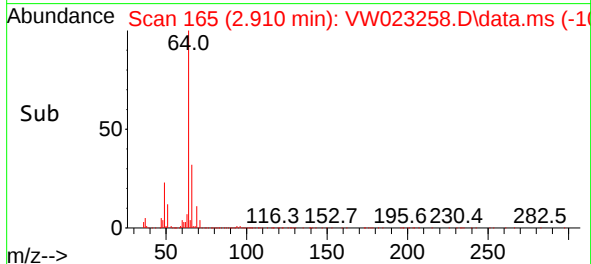
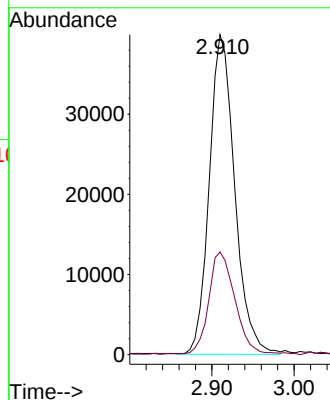
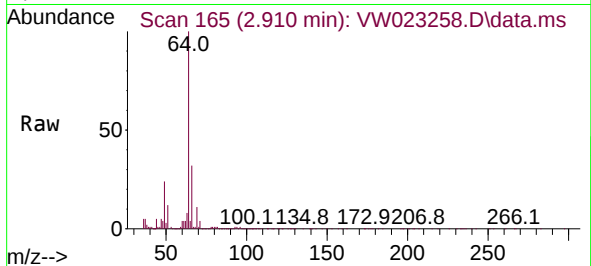




#8
Chloroethane
Concen: 28.289 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.012 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

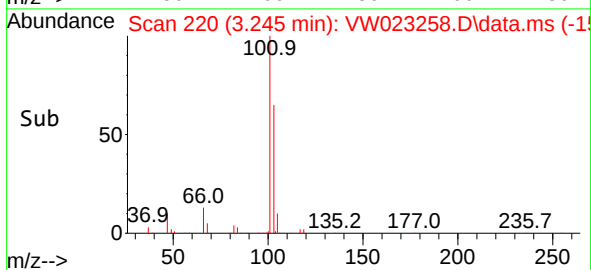
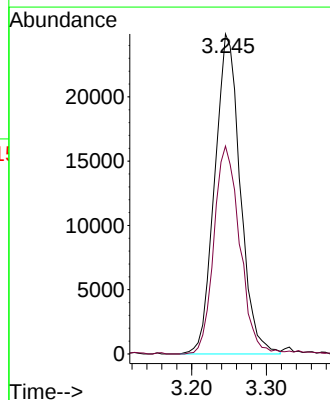
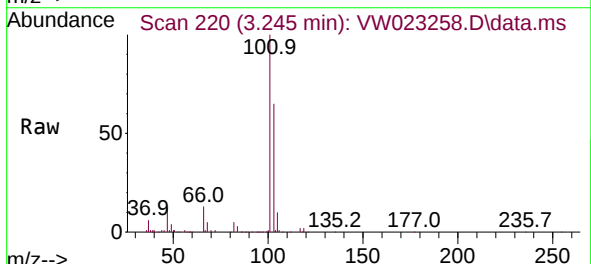
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

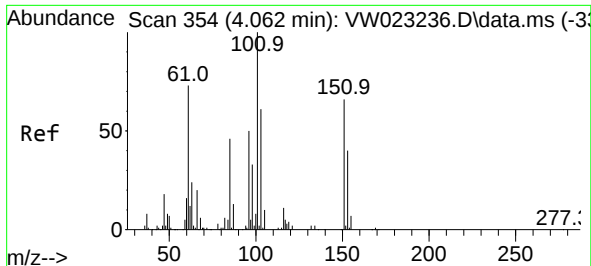
Tgt Ion: 64 Resp: 85759
Ion Ratio Lower Upper
64 100
66 32.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.566 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.012 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 101 Resp: 59080
Ion Ratio Lower Upper
101 100
103 65.3 53.9 80.9

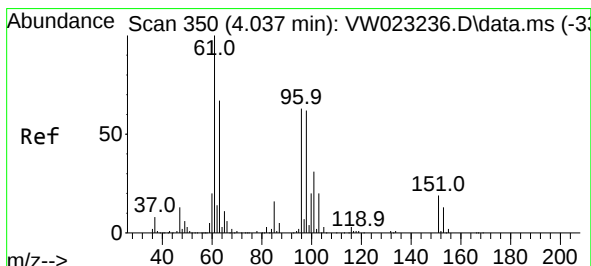
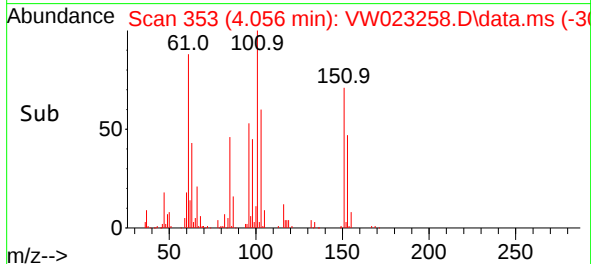
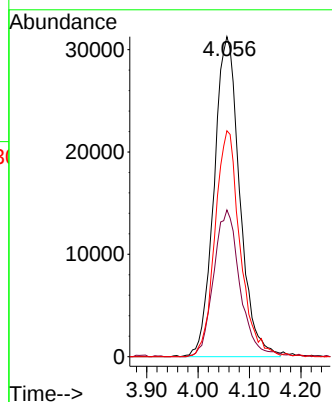
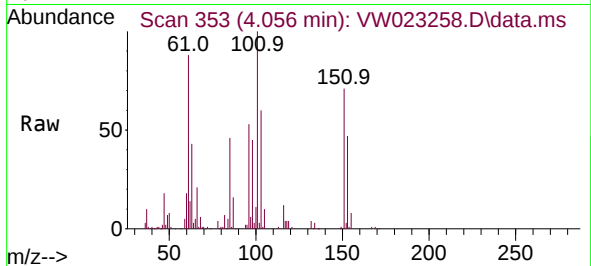




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.299 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

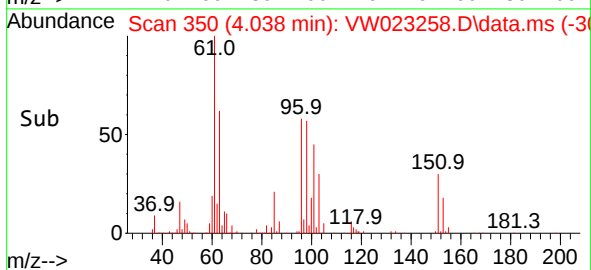
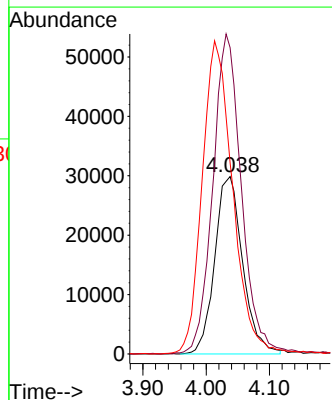
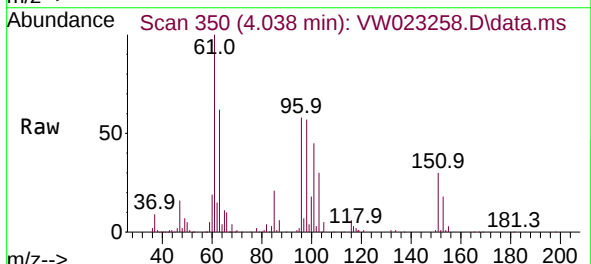
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

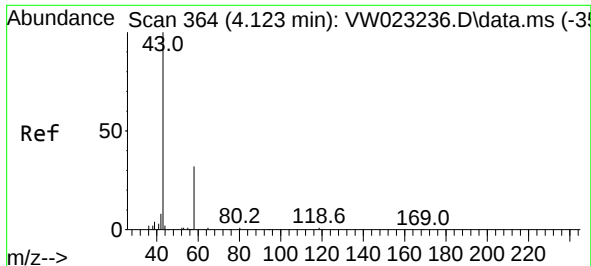
Tgt Ion:101 Resp: 108672
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.3 51.5
 151 68.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.020 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023258.D
 Acq: 23 May 2022 19:47

Tgt Ion: 96 Resp: 91464
 Ion Ratio Lower Upper
 96 100
 61 172.6 125.7 233.5
 63 107.7 83.4 155.0

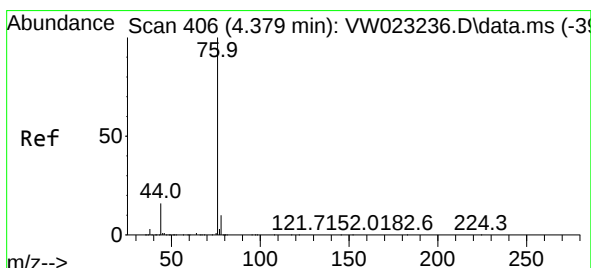
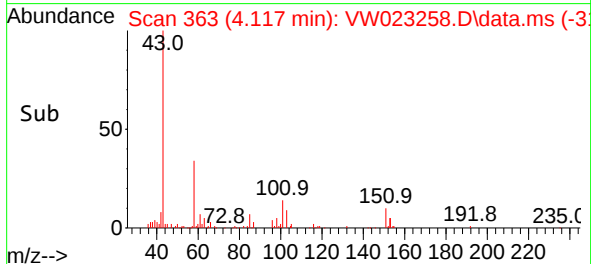
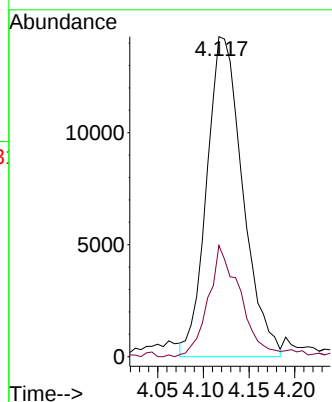
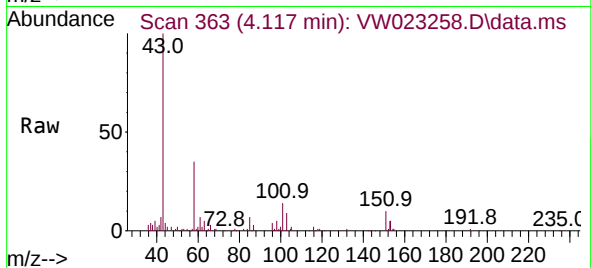




#13
Acetone
Concen: 45.133 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

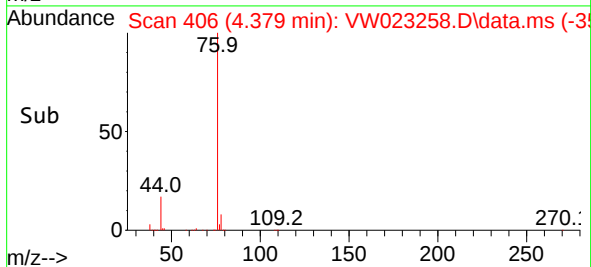
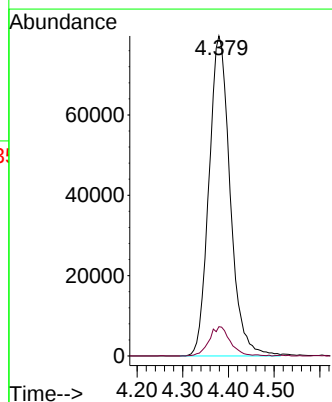
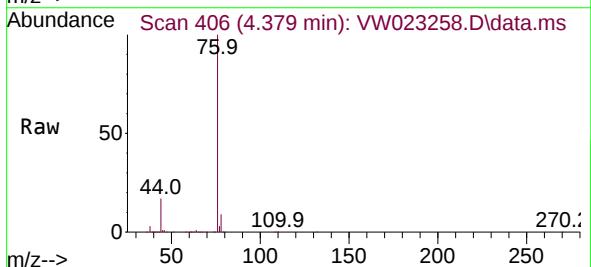
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

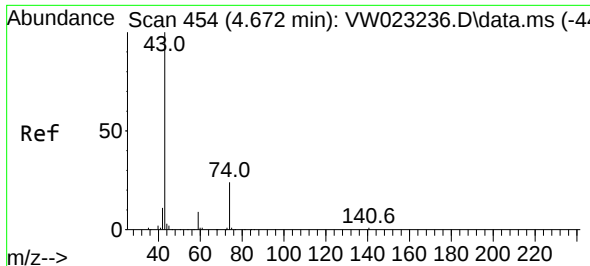
Tgt Ion: 43 Resp: 39188
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.0



#14
Carbon disulfide
Concen: 24.542 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 76 Resp: 256205
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

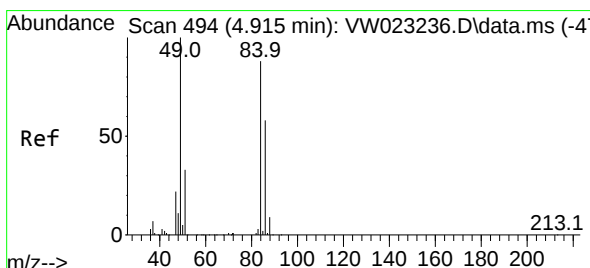
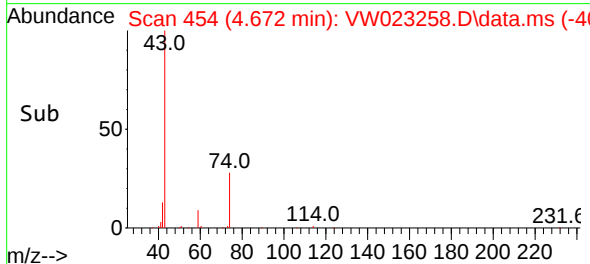
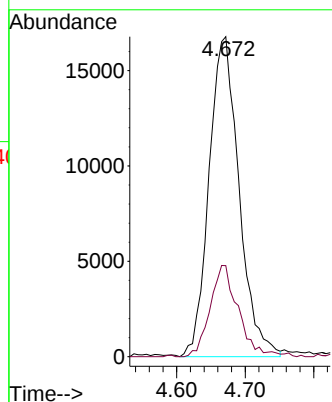
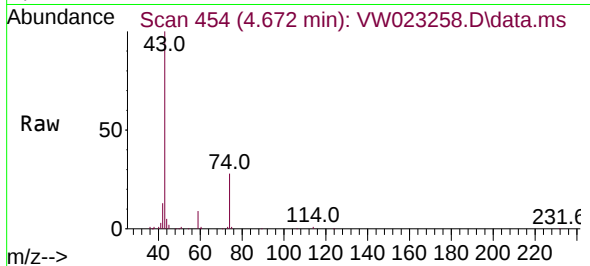




#15
Methyl Acetate
Concen: 29.302 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

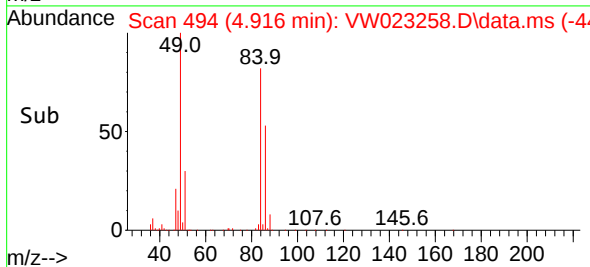
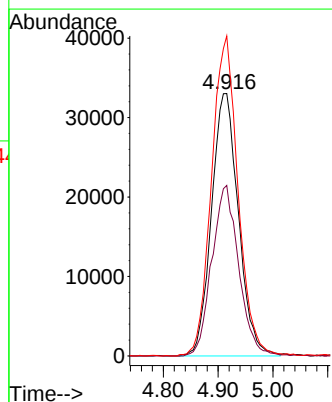
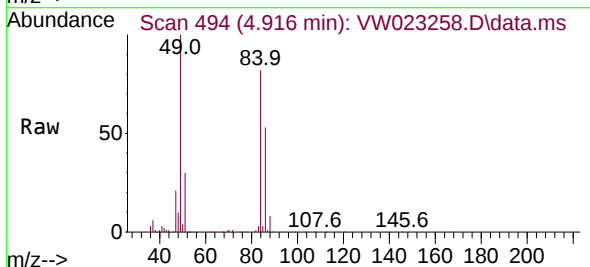
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

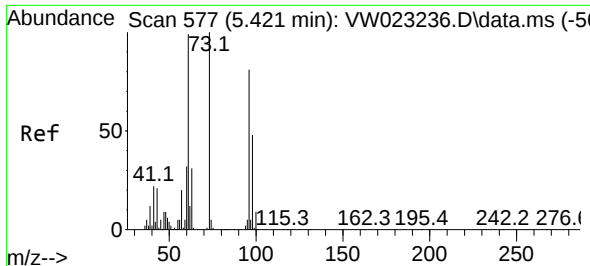
Tgt Ion: 43 Resp: 51114
Ion Ratio Lower Upper
43 100
74 26.0 21.9 32.9



#16
Methylene chloride
Concen: 25.907 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 84 Resp: 112704
Ion Ratio Lower Upper
84 100
86 65.0 45.4 84.4
49 121.9 82.5 153.1

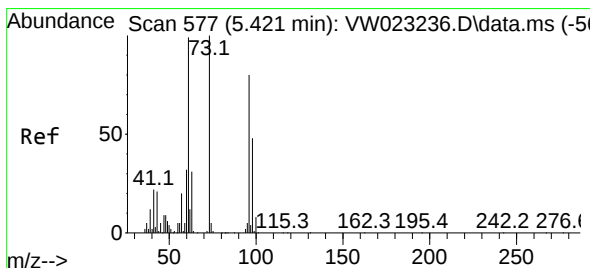
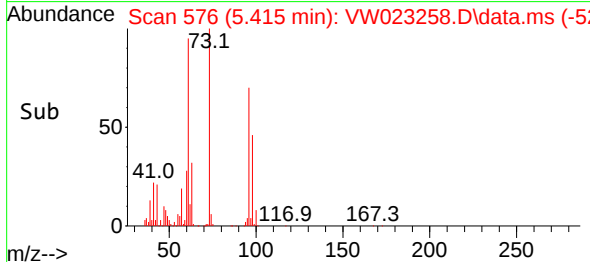
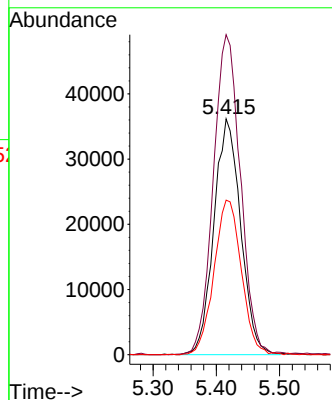
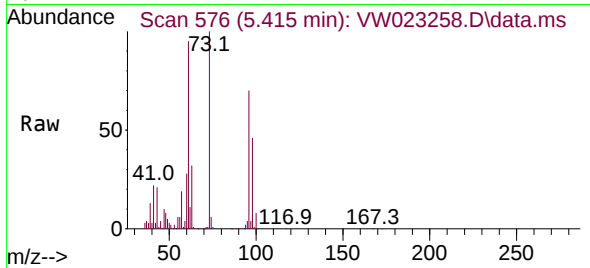




#17
trans-1,2-Dichloroethene
Concen: 24.806 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

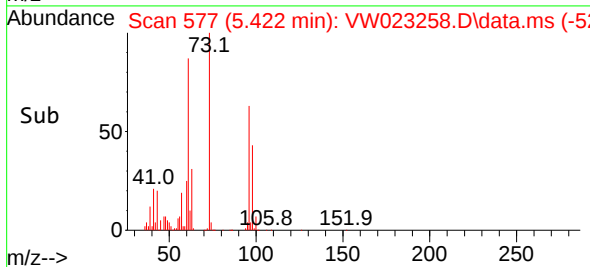
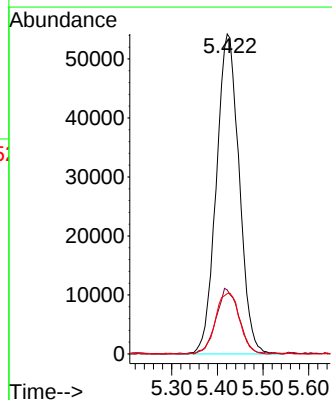
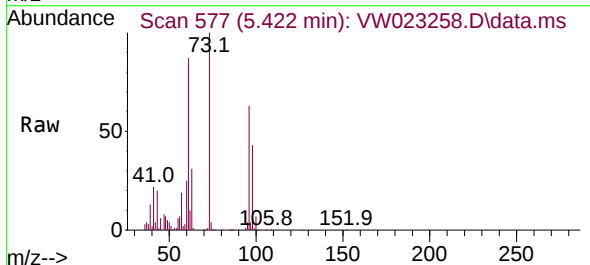
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

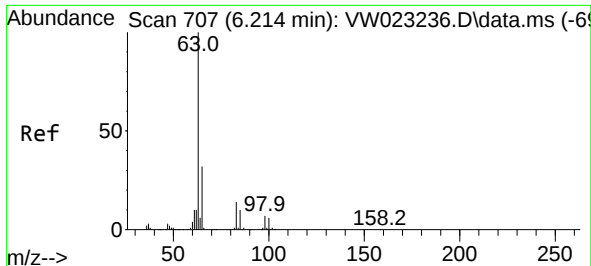
Tgt Ion: 96 Resp: 106293
Ion Ratio Lower Upper
96 100
61 135.7 92.2 171.2
98 65.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 28.795 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 73 Resp: 188360
Ion Ratio Lower Upper
73 100
43 20.6 15.9 23.9
57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.738 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

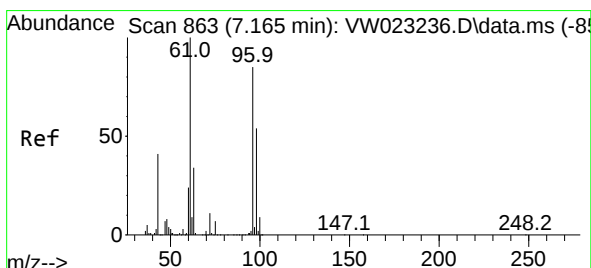
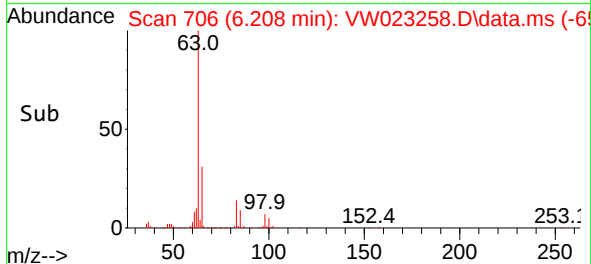
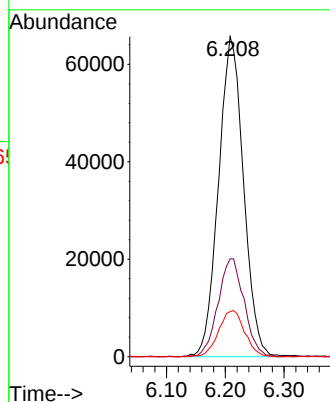
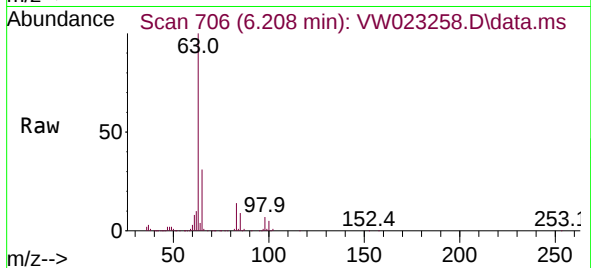
Tgt Ion: 63 Resp: 194182

Ion Ratio Lower Upper

63 100

65 30.6 23.3 43.3

83 14.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 27.033 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

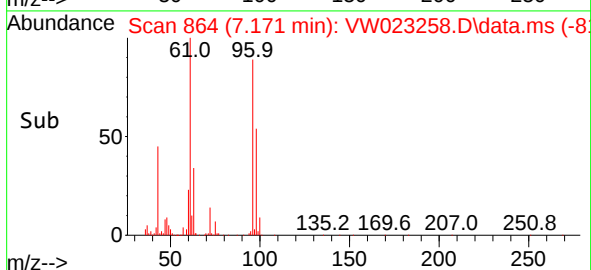
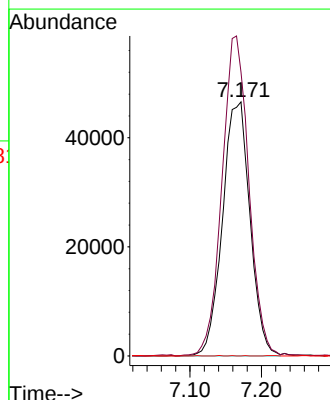
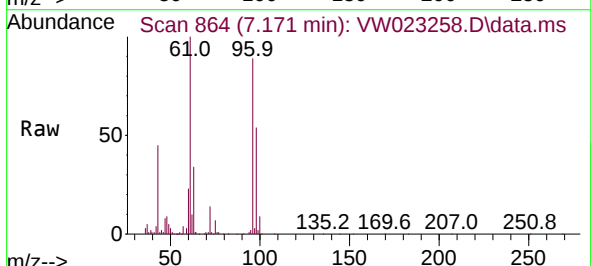
Tgt Ion: 96 Resp: 124422

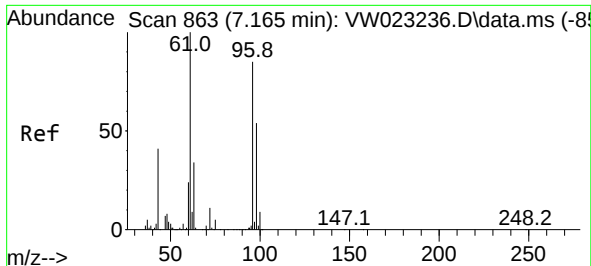
Ion Ratio Lower Upper

96 100

61 111.8 84.2 156.4

68 0.2 0.1 0.1#

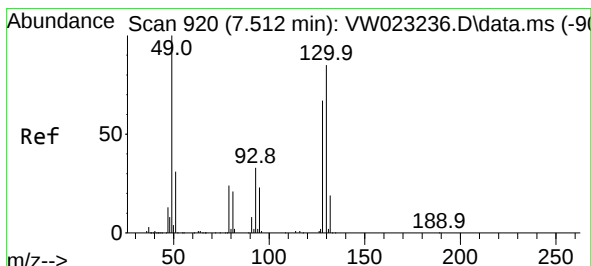
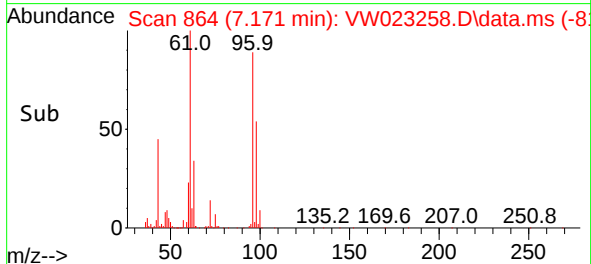
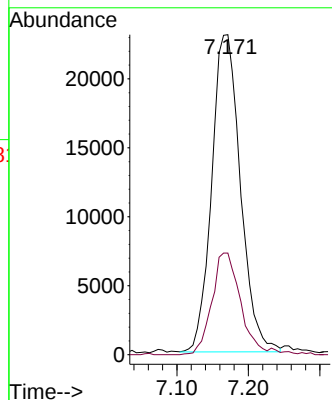
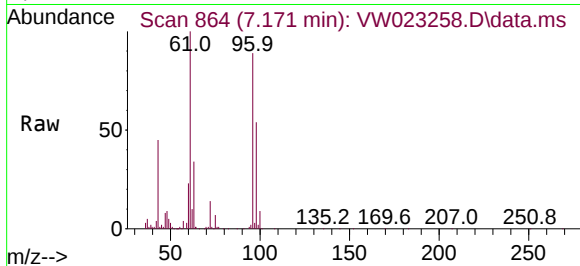




#22
2-Butanone
Concen: 52.864 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

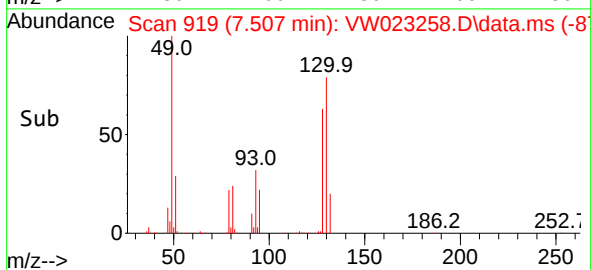
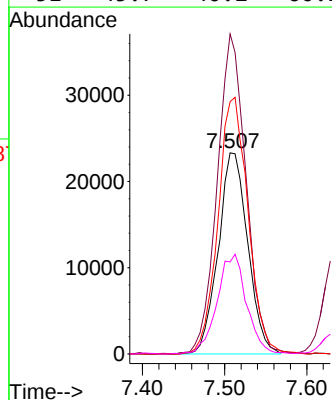
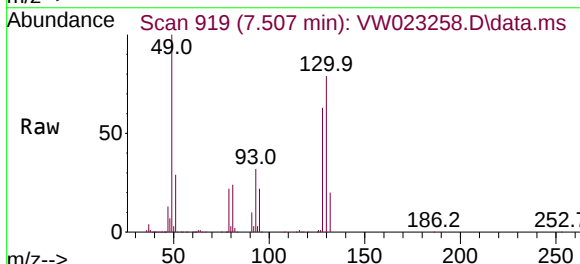
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

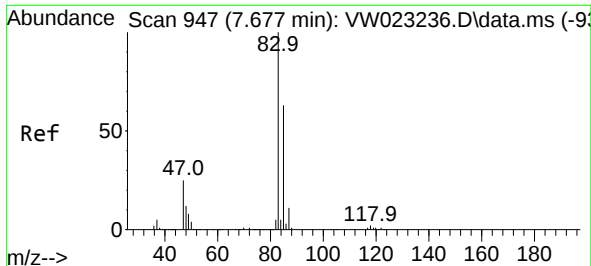
Tgt Ion: 43 Resp: 64192
Ion Ratio Lower Upper
43 100
72 30.9 15.1 45.3



#23
Bromochloromethane
Concen: 27.001 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 128 Resp: 58200
Ion Ratio Lower Upper
128 100
49 159.1 110.0 204.4
130 125.4 94.8 176.0
51 45.7 40.2 60.2

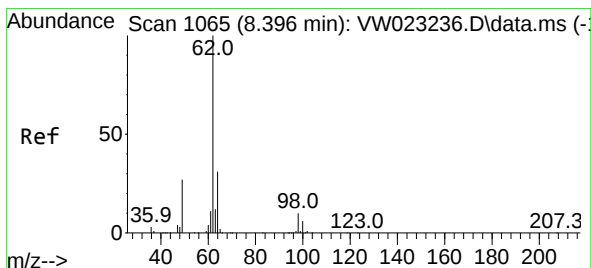
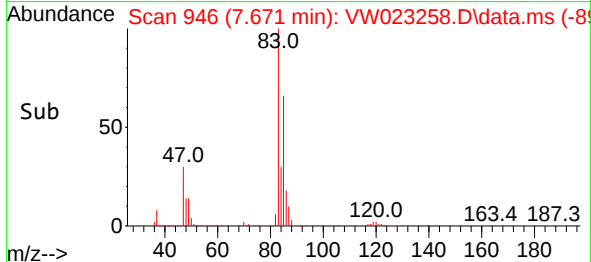
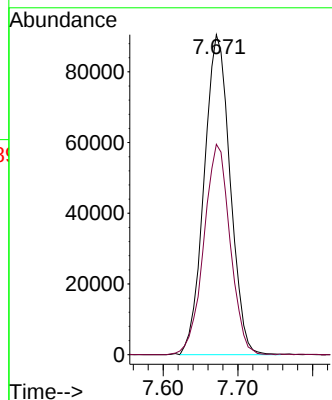
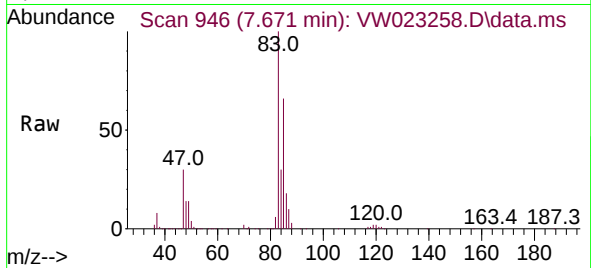




#25
Chloroform
Concen: 27.262 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

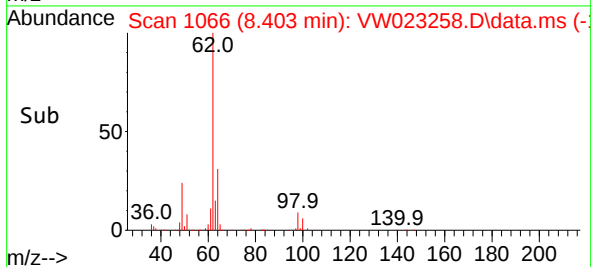
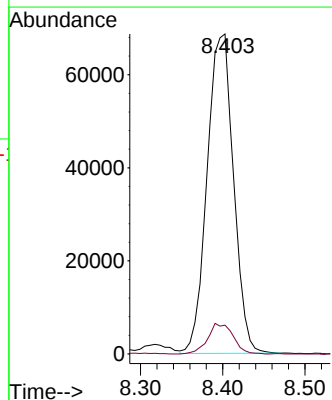
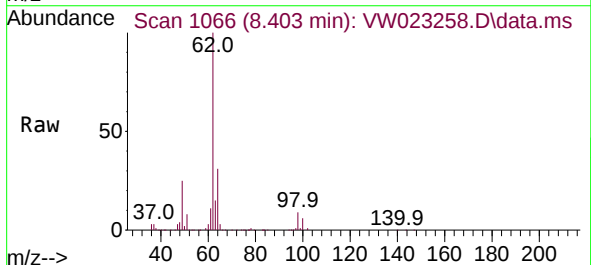
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

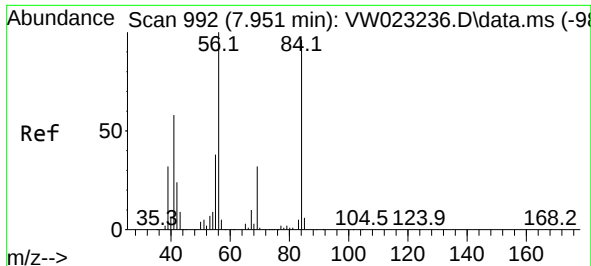
Tgt Ion: 83 Resp: 218923
Ion Ratio Lower Upper
83 100
85 65.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 28.634 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

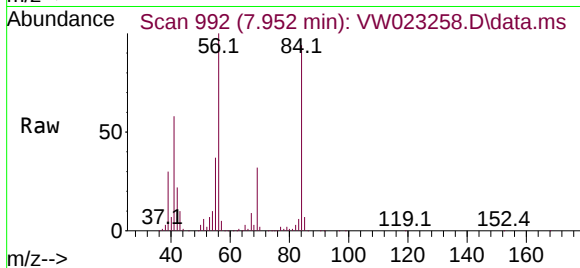
Tgt Ion: 62 Resp: 153278
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8



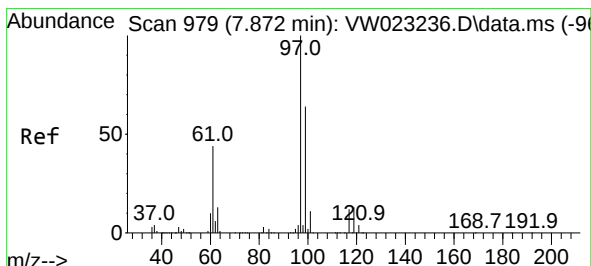
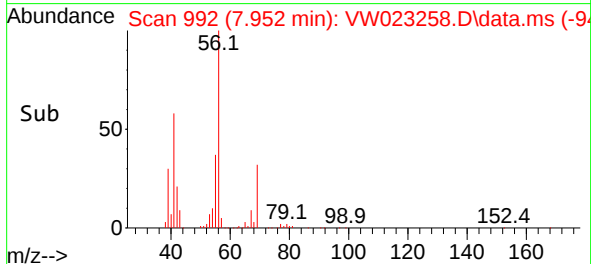
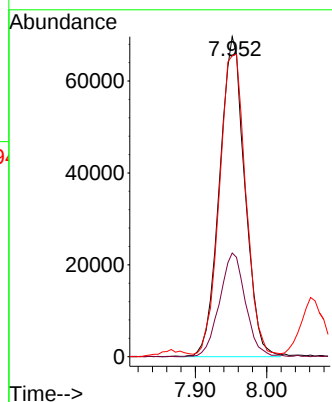


#29
Cyclohexane
Concen: 25.468 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

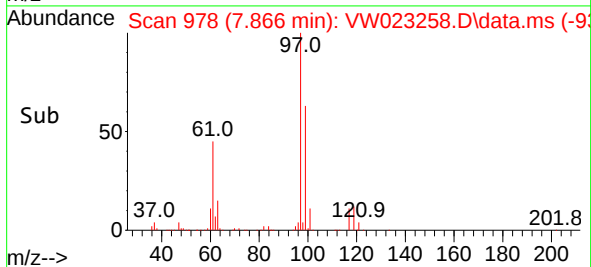
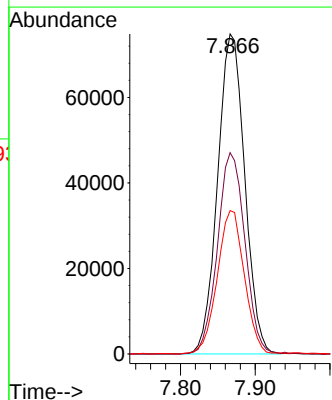
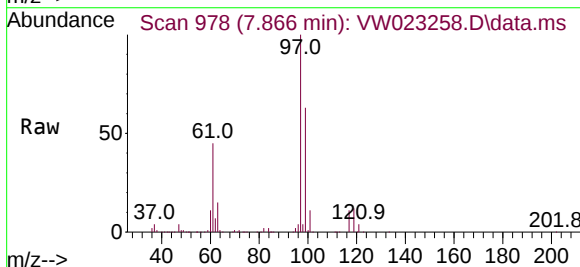


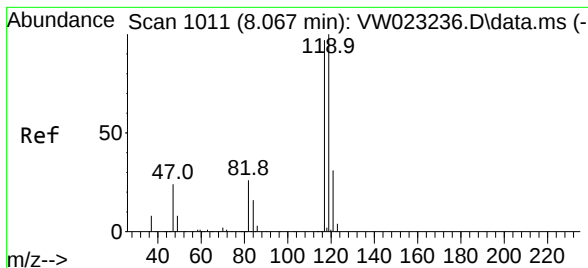
Tgt Ion: 56 Resp: 171169
Ion Ratio Lower Upper
56 100
69 32.9 25.6 38.4
84 99.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 25.761 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 97 Resp: 189185
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 44.7 34.8 52.2





#31

Carbon tetrachloride

Concen: 25.066 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

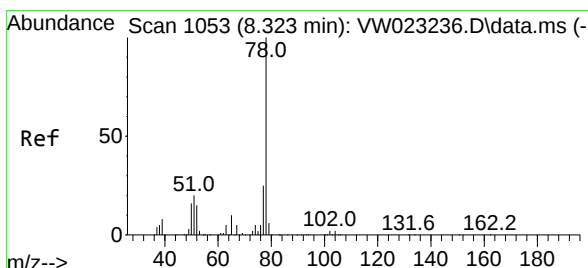
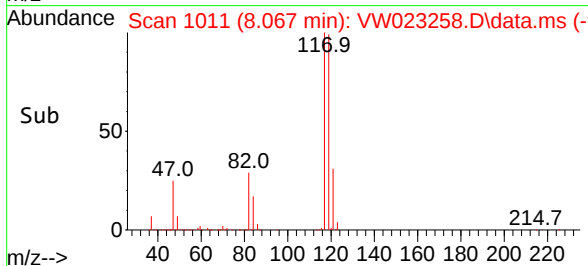
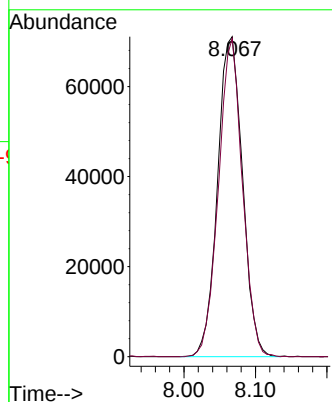
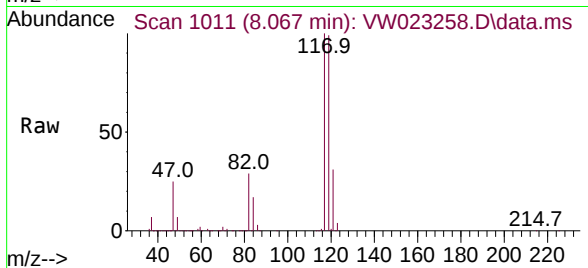
VSTD025547

Tgt Ion:117 Resp: 172193

Ion Ratio Lower Upper

117 100

119 95.2 76.6 115.0



#33

Benzene

Concen: 26.242 ug/L

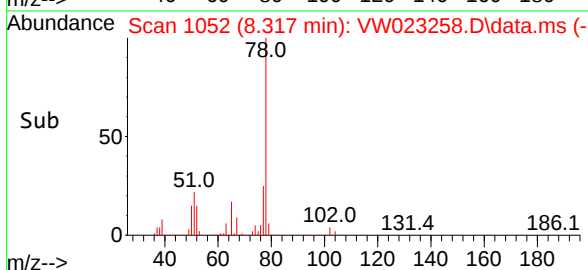
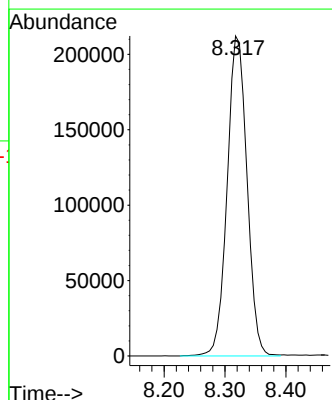
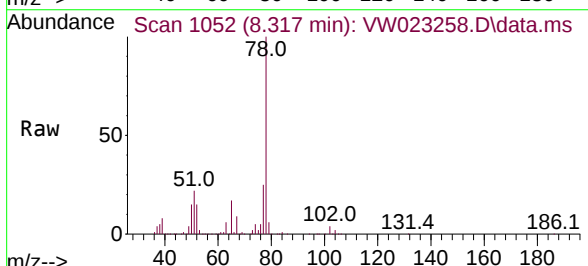
RT: 8.317 min Scan# 1052

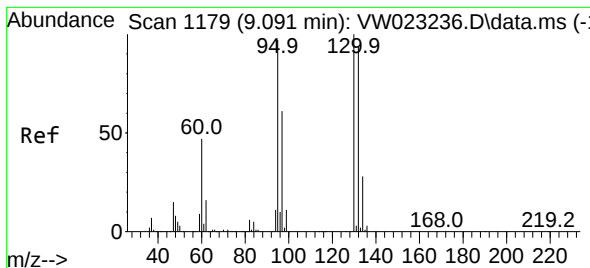
Delta R.T. -0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Tgt Ion: 78 Resp: 480410





#34

Trichloroethene

Concen: 25.566 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 95 Resp: 128715

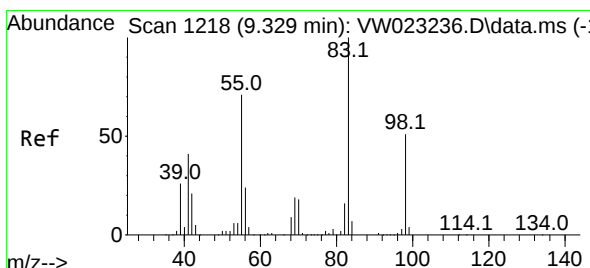
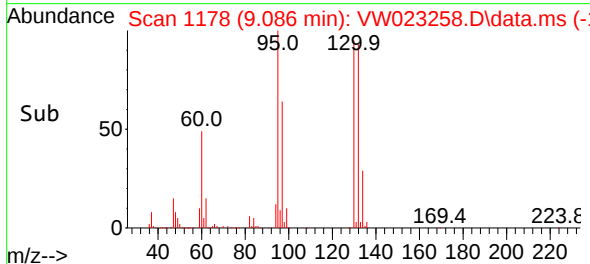
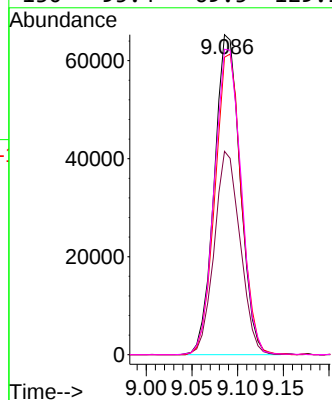
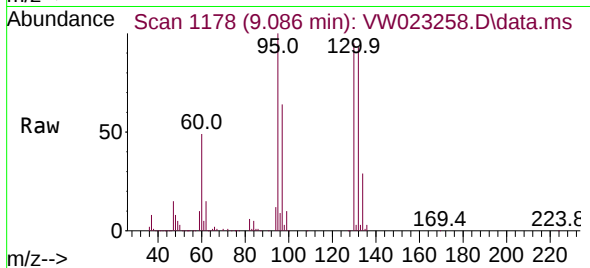
Ion Ratio Lower Upper

95 100

97 63.5 46.1 85.7

132 92.9 66.9 124.3

130 95.4 69.5 129.1



#35

Methylcyclohexane

Concen: 25.789 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

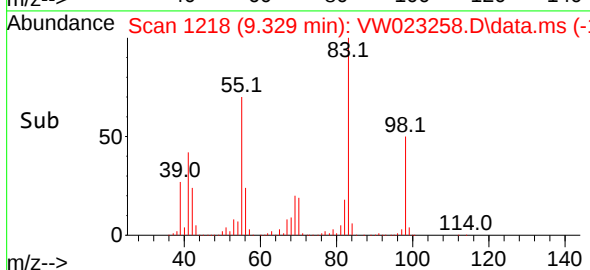
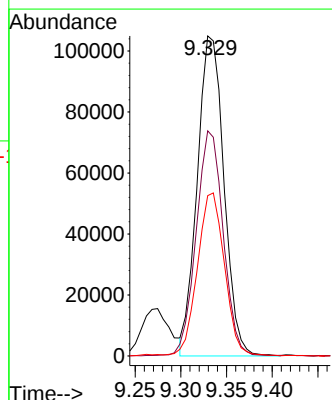
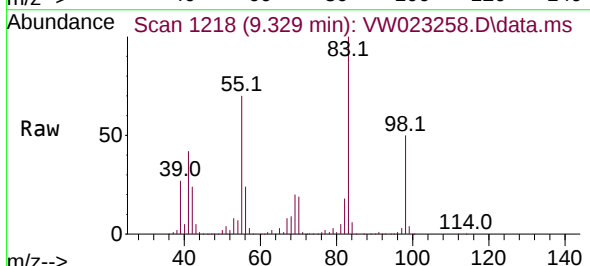
Tgt Ion: 83 Resp: 213300

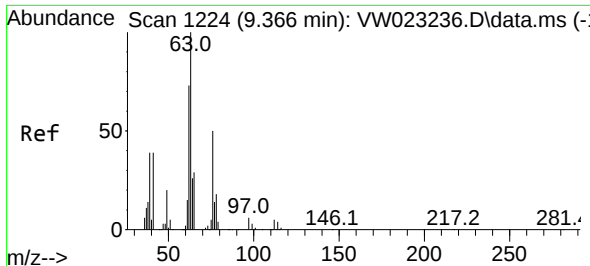
Ion Ratio Lower Upper

83 100

55 71.2 55.1 82.7

98 51.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.242 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

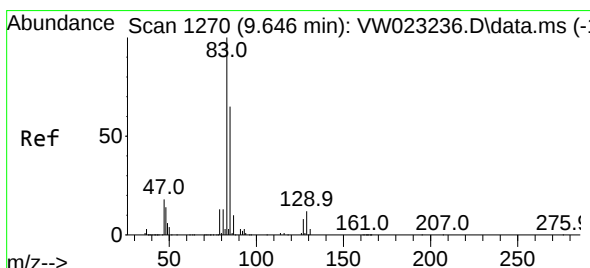
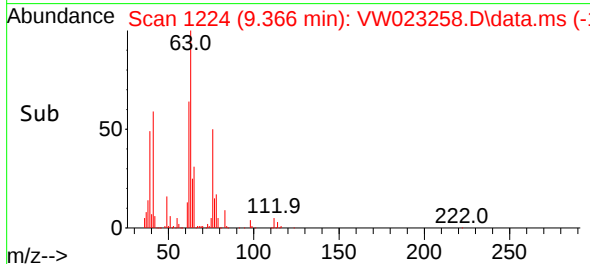
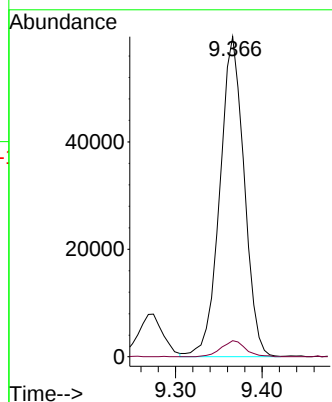
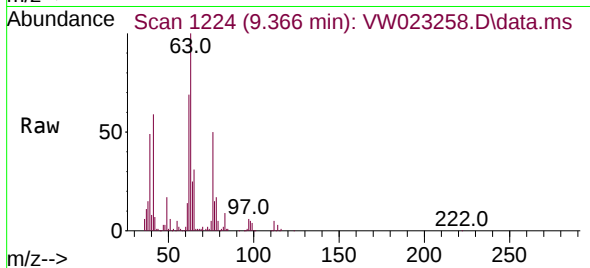
VSTD025547

Tgt Ion: 63 Resp: 116261

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 25.844 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

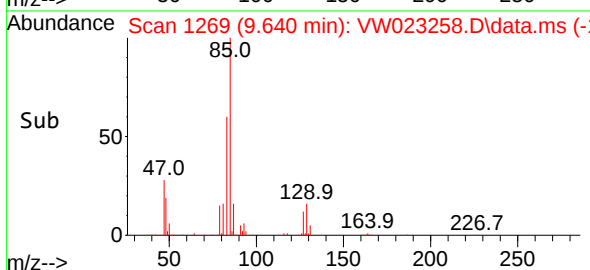
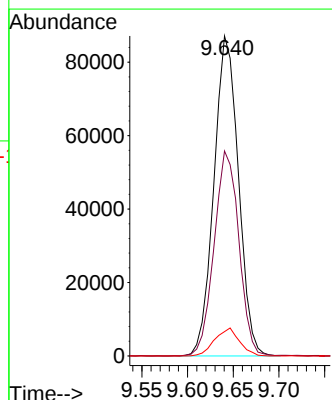
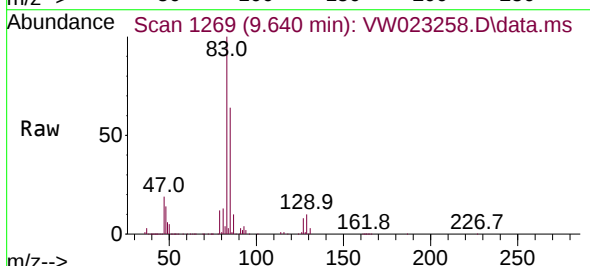
Tgt Ion: 83 Resp: 162627

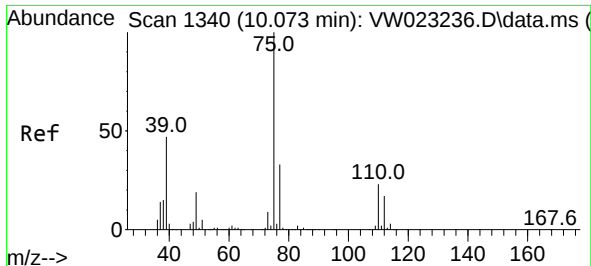
Ion Ratio Lower Upper

83 100

85 64.0 43.5 80.7

127 7.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 27.243 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

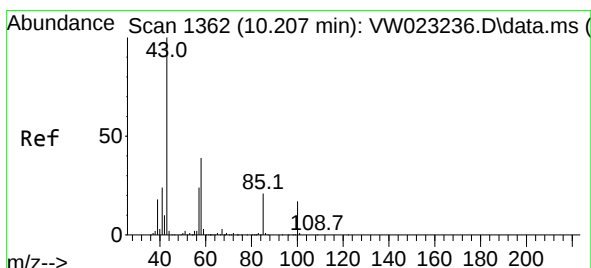
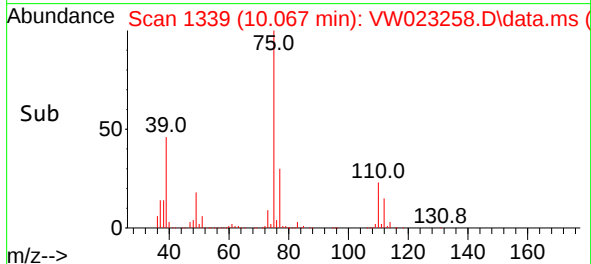
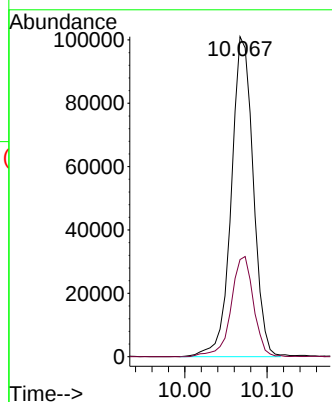
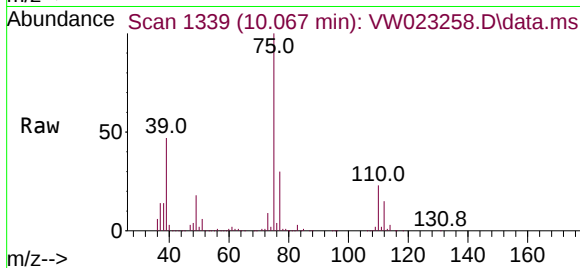
VSTD025547

Tgt Ion: 75 Resp: 187141

Ion Ratio Lower Upper

75 100

77 30.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.495 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

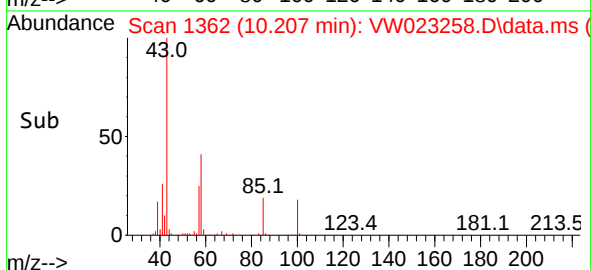
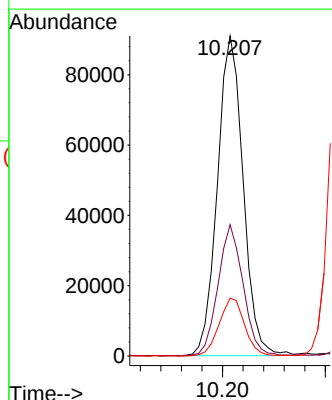
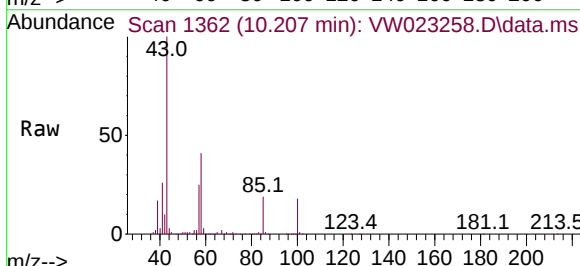
Tgt Ion: 43 Resp: 157755

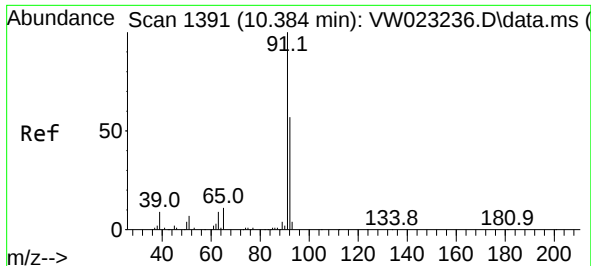
Ion Ratio Lower Upper

43 100

58 40.0 31.4 47.2

100 17.9 14.2 21.4

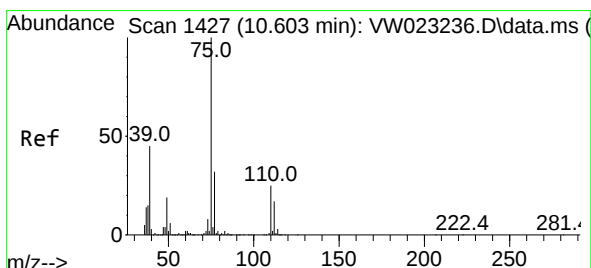
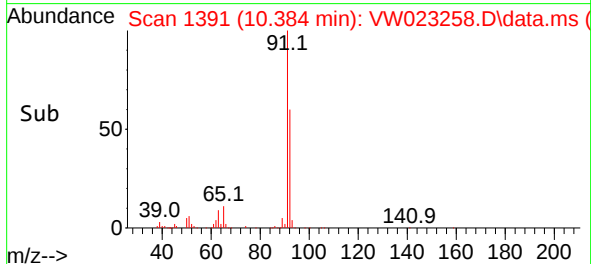
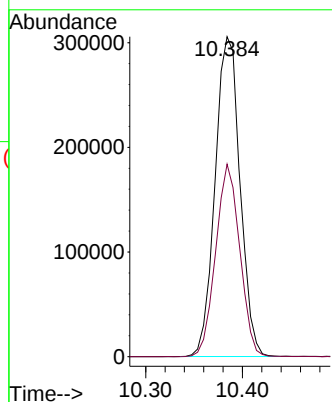
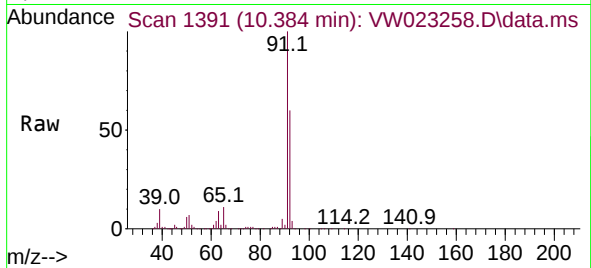




#42
Toluene
Concen: 26.642 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

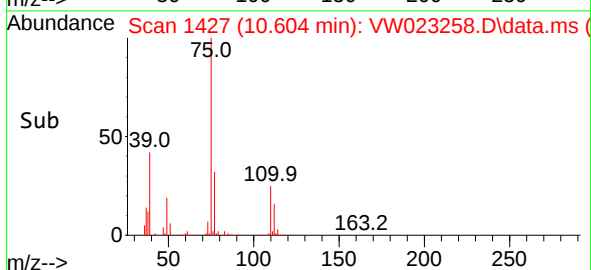
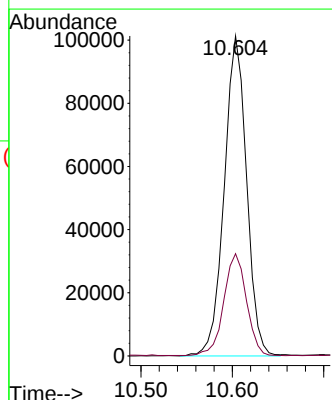
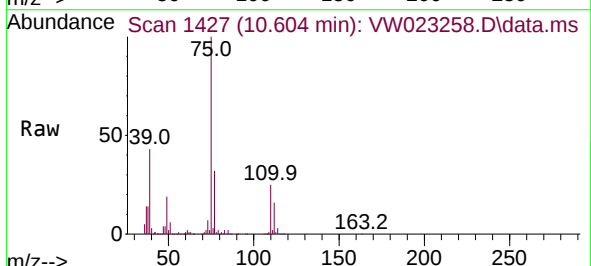
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

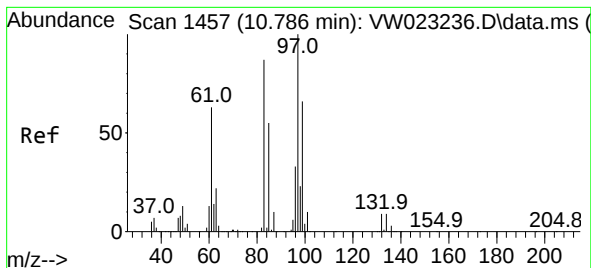
Tgt Ion: 91 Resp: 546602
Ion Ratio Lower Upper
91 100
92 60.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 28.109 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 75 Resp: 172346
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.715 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 97 Resp: 102643

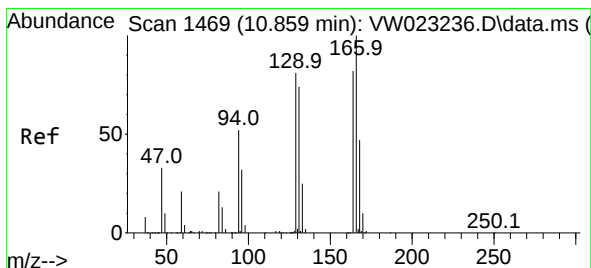
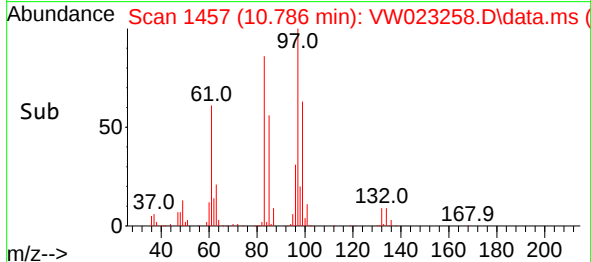
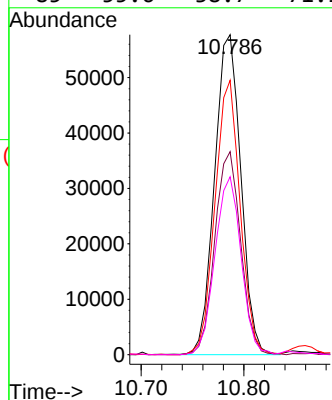
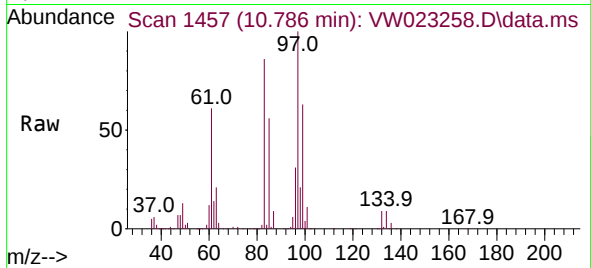
Ion Ratio Lower Upper

97 100

99 63.4 44.7 82.9

83 85.7 58.4 108.4

85 55.6 38.7 71.9



#46

Tetrachloroethene

Concen: 26.873 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Tgt Ion:164 Resp: 101676

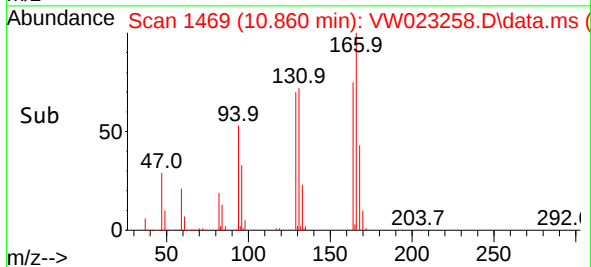
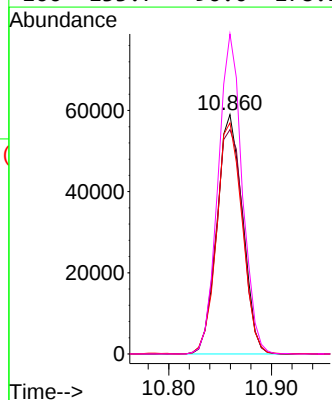
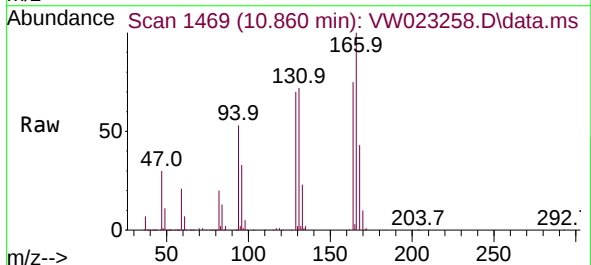
Ion Ratio Lower Upper

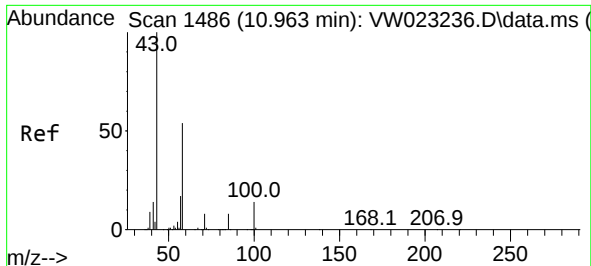
164 100

129 93.7 76.9 142.7

131 96.5 75.1 139.5

166 133.7 96.0 178.2

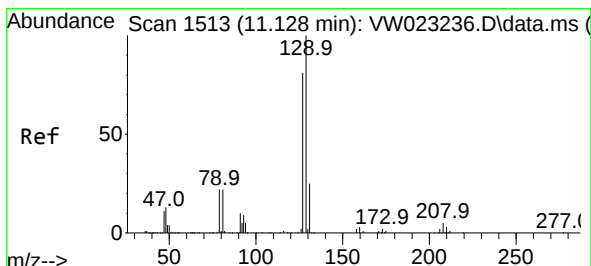
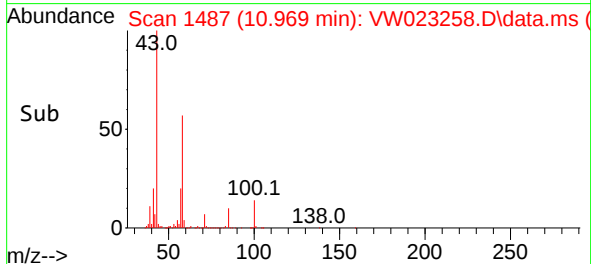
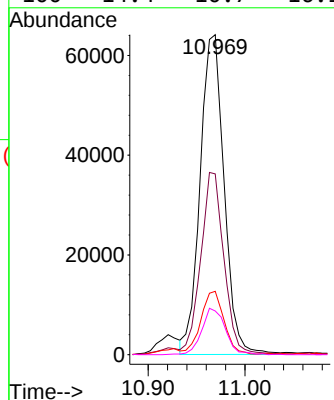
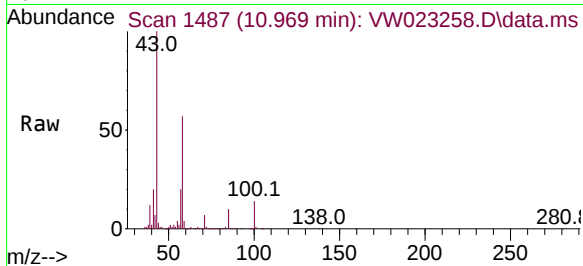




#48
2-Hexanone
Concen: 59.457 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

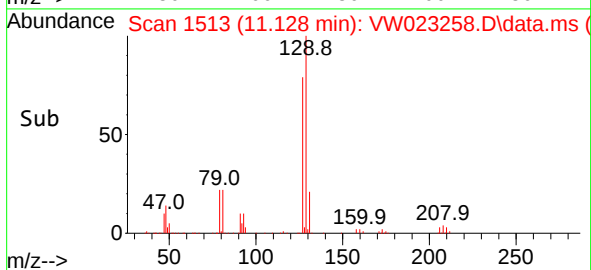
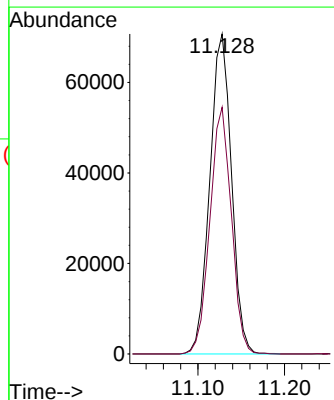
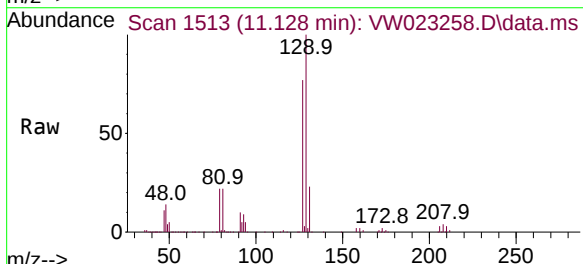
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

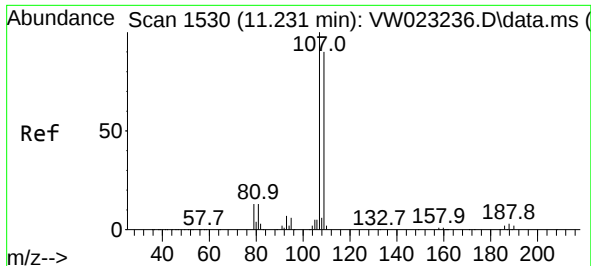
Tgt Ion: 43 Resp: 110931
Ion Ratio Lower Upper
43 100
58 55.4 45.9 68.9
57 19.2 16.2 24.2
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 27.589 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 129 Resp: 122977
Ion Ratio Lower Upper
129 100
127 77.1 53.8 100.0

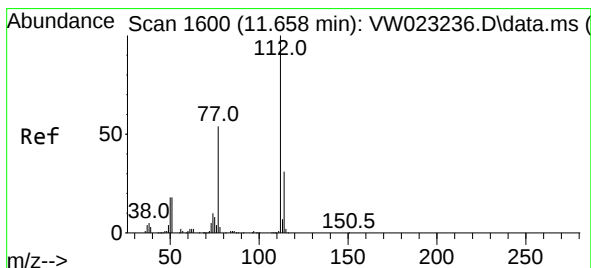
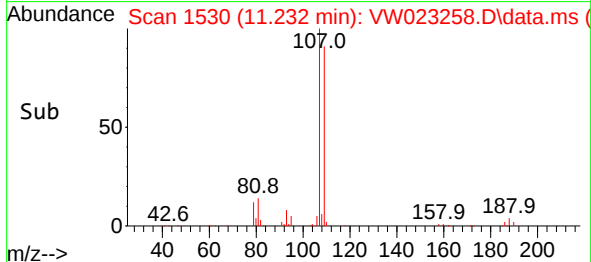
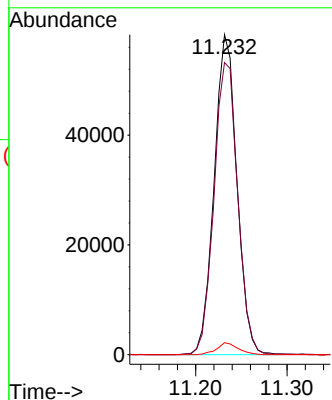
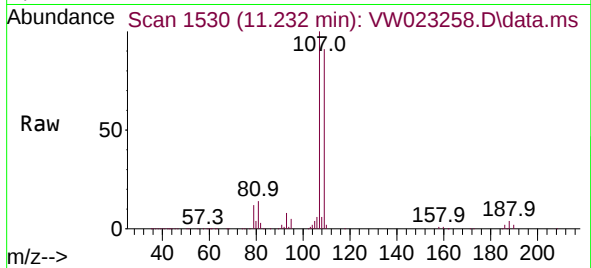




#50
1,2-Dibromoethane
Concen: 27.114 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

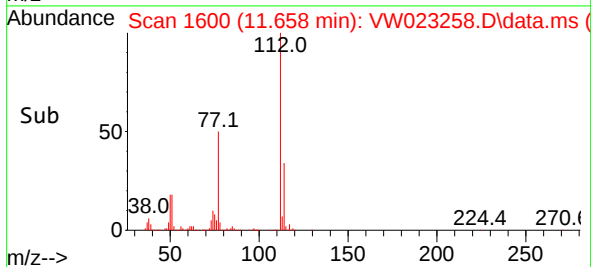
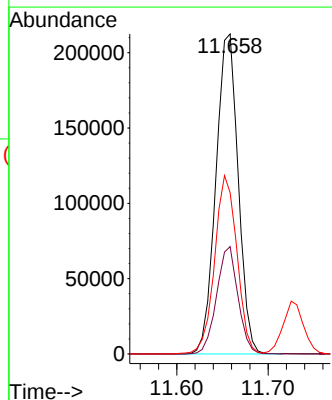
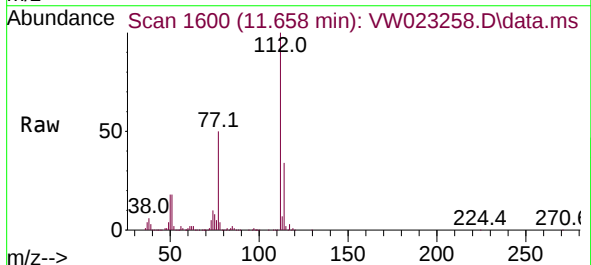
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

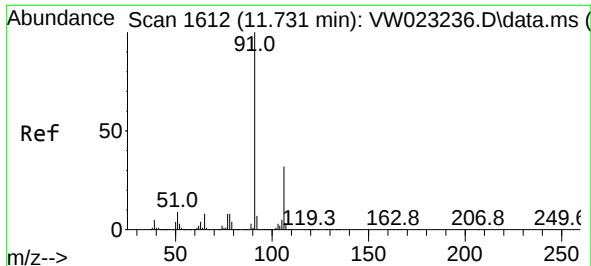
Tgt Ion:107 Resp: 100834
Ion Ratio Lower Upper
107 100
109 91.3 67.5 125.4
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 26.651 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion:112 Resp: 360478
Ion Ratio Lower Upper
112 100
114 33.6 22.0 41.0
77 50.4 42.6 63.8

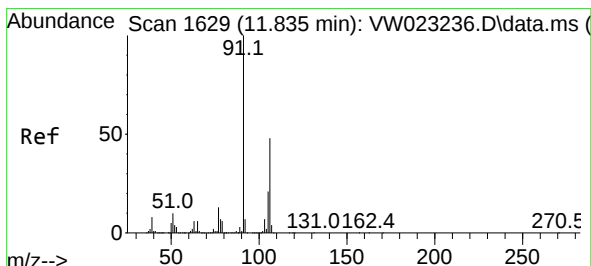
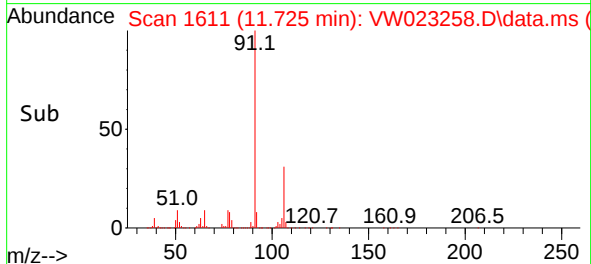
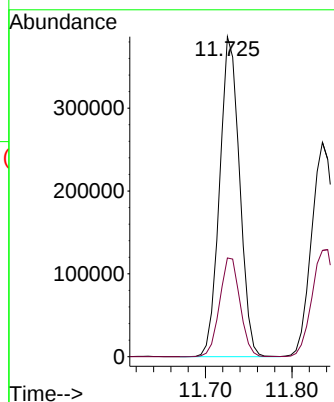
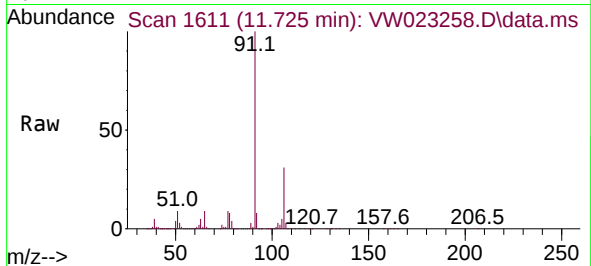




#52
Ethylbenzene
Concen: 27.064 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

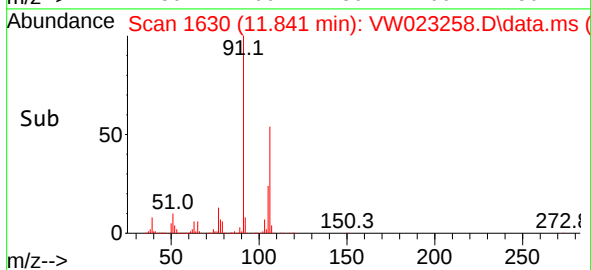
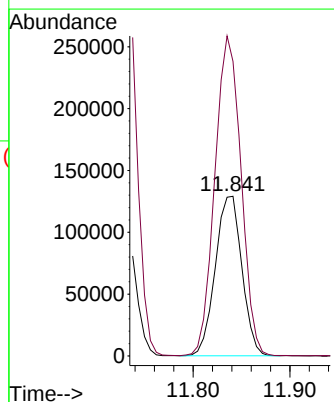
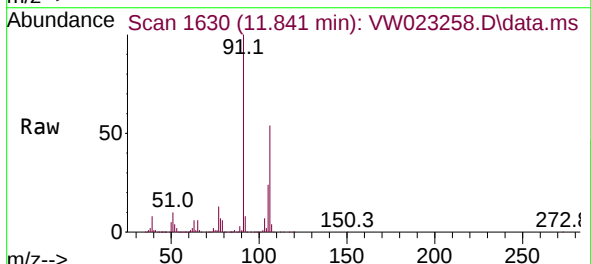
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

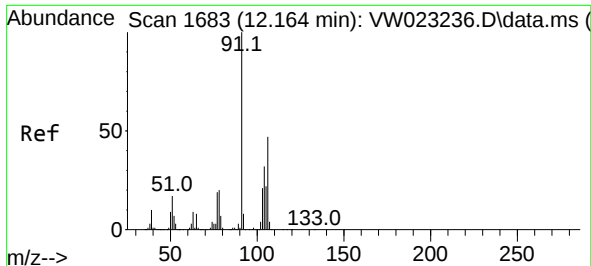
Tgt Ion: 91 Resp: 617743
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 27.366 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 106 Resp: 246119
Ion Ratio Lower Upper
106 100
91 184.4 136.8 254.0

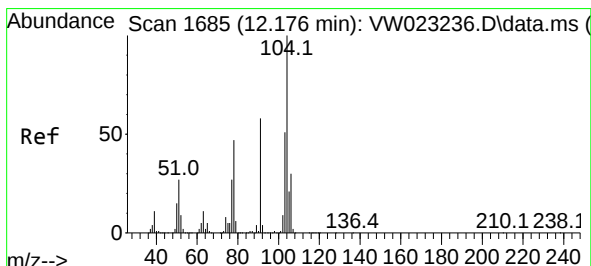
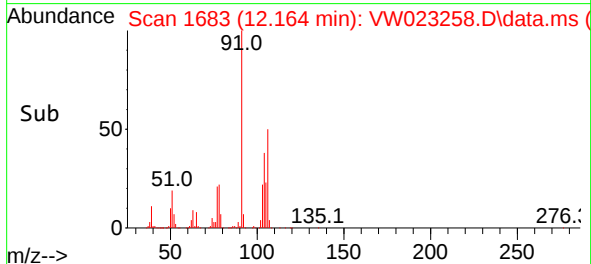
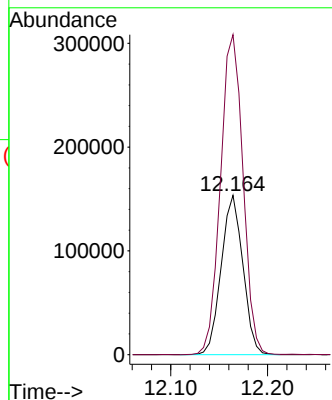
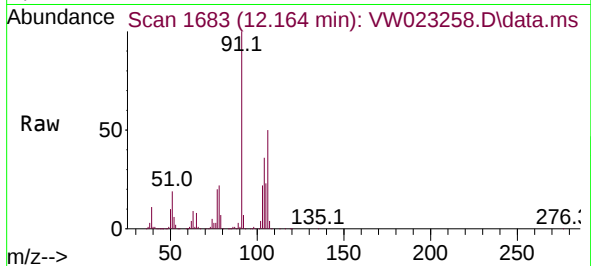




#54
o-Xylene
Concen: 27.698 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

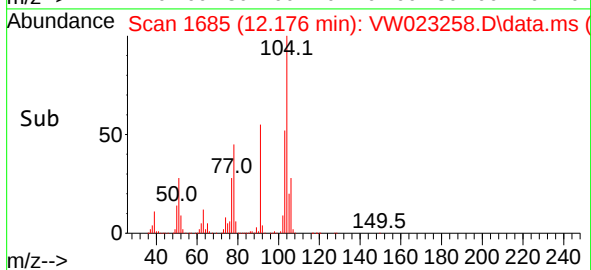
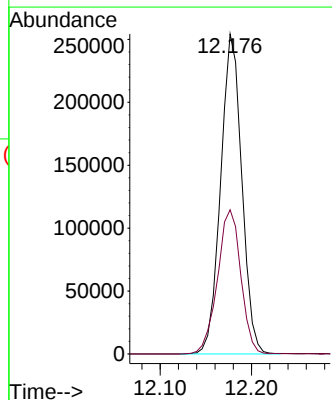
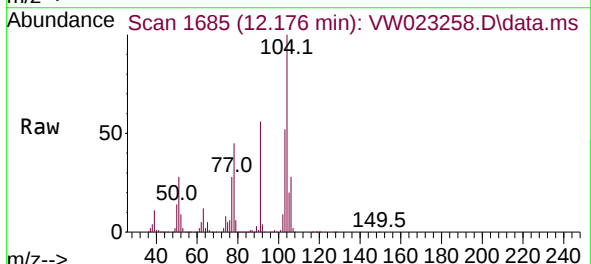
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

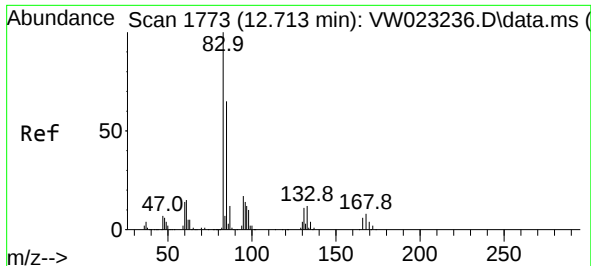
Tgt Ion:106 Resp: 239044
Ion Ratio Lower Upper
106 100
91 200.8 147.2 273.4



#55
Styrene
Concen: 27.888 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion:104 Resp: 408980
Ion Ratio Lower Upper
104 100
78 45.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.393 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

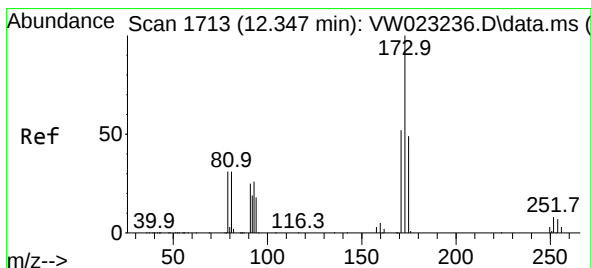
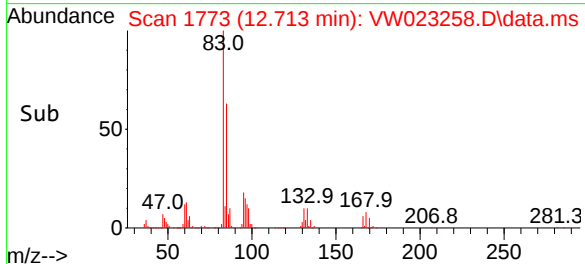
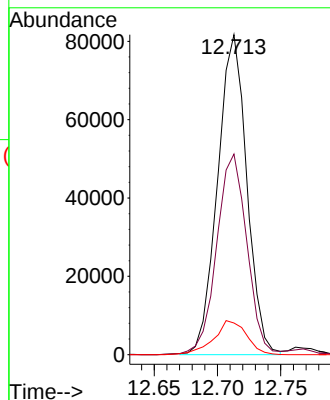
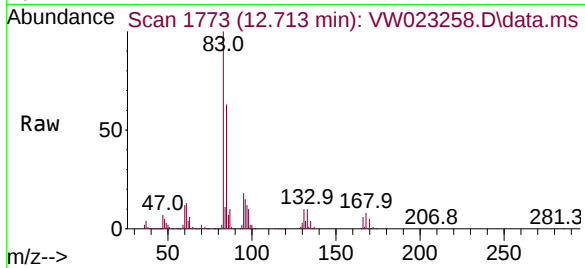
Tgt Ion: 83 Resp: 131341

Ion Ratio Lower Upper

83 100

85 62.7 47.5 88.1

131 9.9 8.7 13.1



#59

Bromoform

Concen: 26.344 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

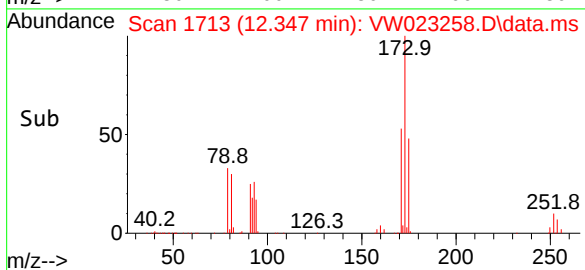
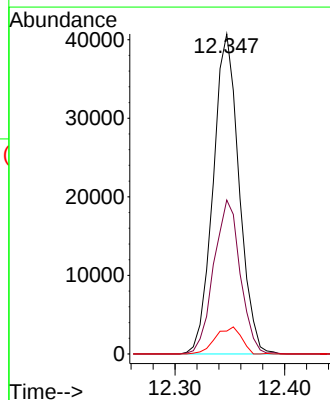
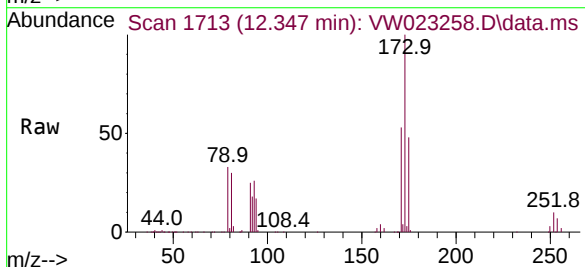
Tgt Ion:173 Resp: 66922

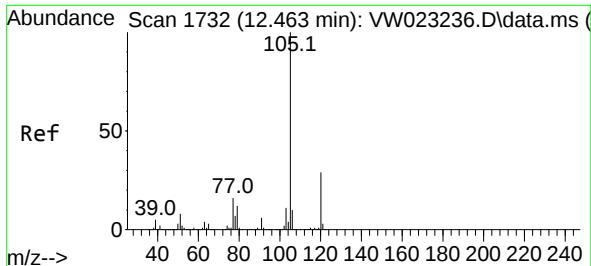
Ion Ratio Lower Upper

173 100

175 49.0 38.1 57.1

254 8.5 6.5 9.7

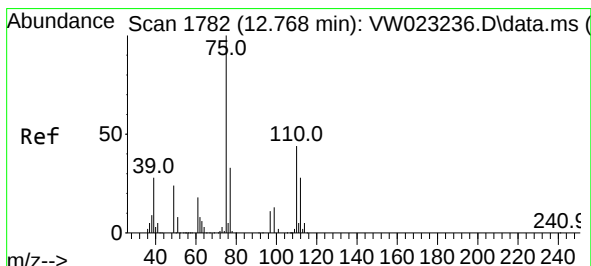
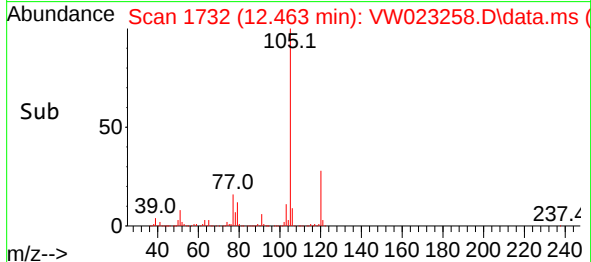
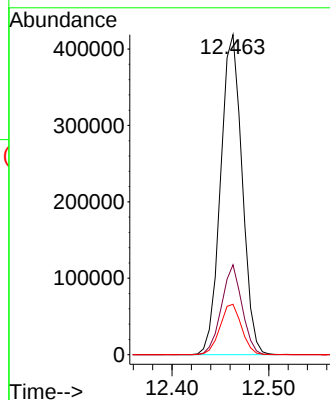
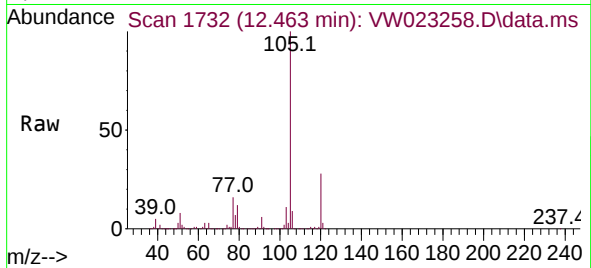




#60
Isopropylbenzene
Concen: 26.321 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

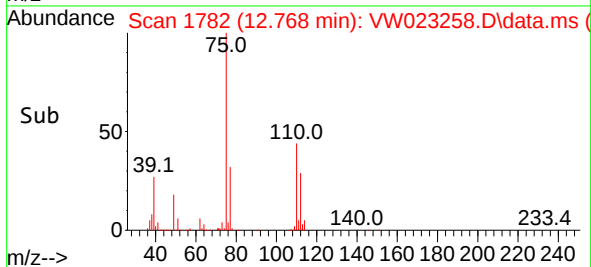
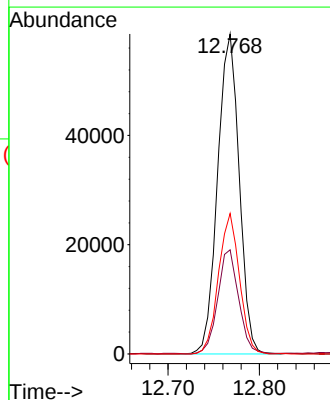
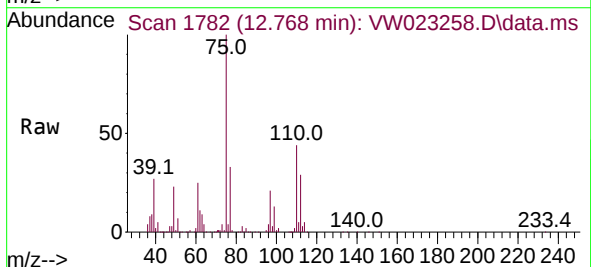
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

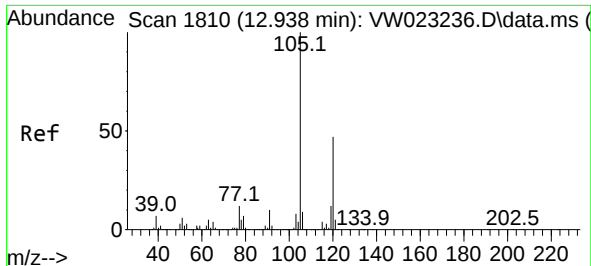
Tgt Ion:105 Resp: 646342
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.837 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion: 75 Resp: 96119
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.2
110 42.6 34.1 51.1

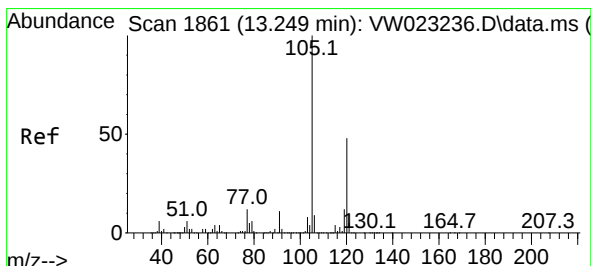
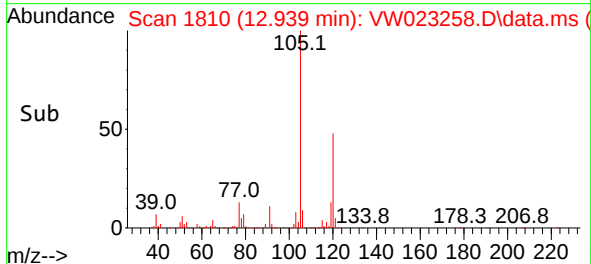
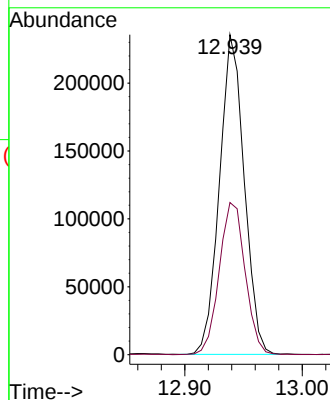
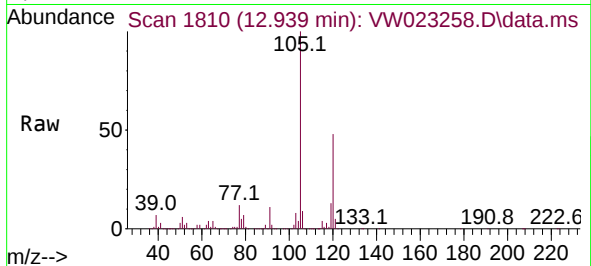




#62
1,3,5-Trimethylbenzene
Concen: 25.249 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

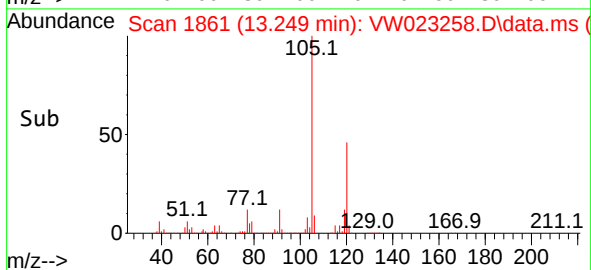
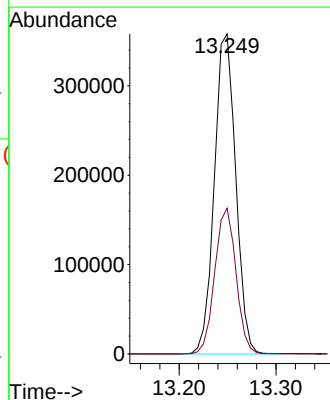
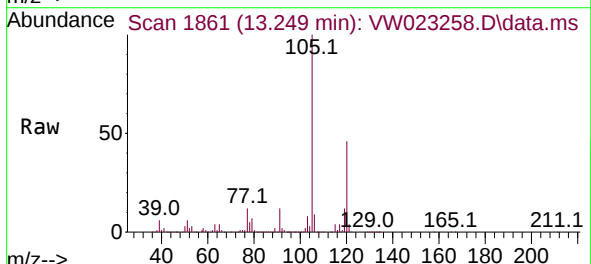
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

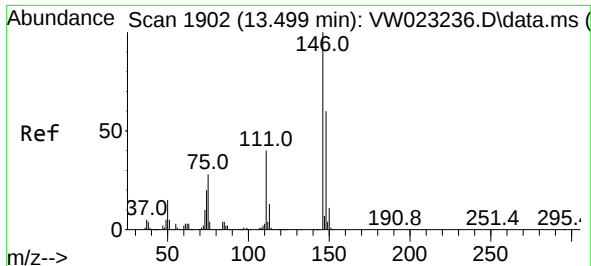
Tgt Ion:105 Resp: 344950
Ion Ratio Lower Upper
105 100
120 49.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.782 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion:105 Resp: 549398
Ion Ratio Lower Upper
105 100
120 45.2 37.4 56.2

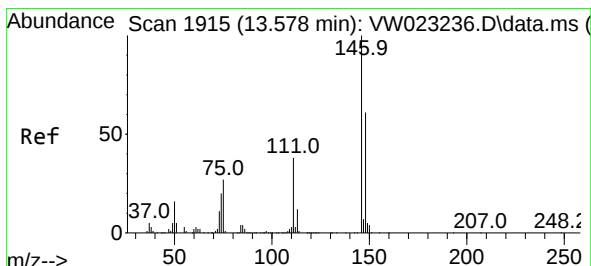
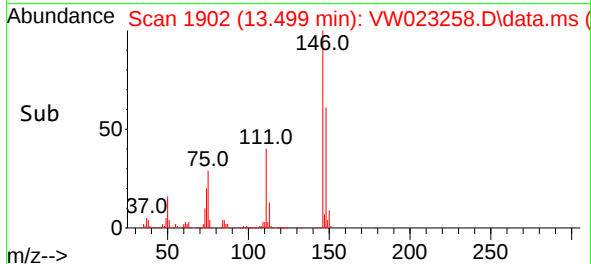
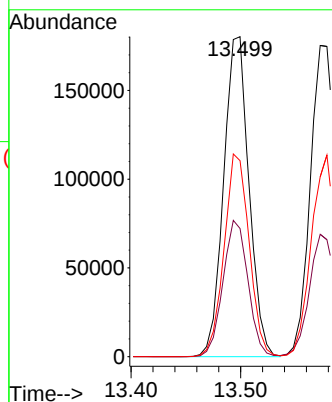
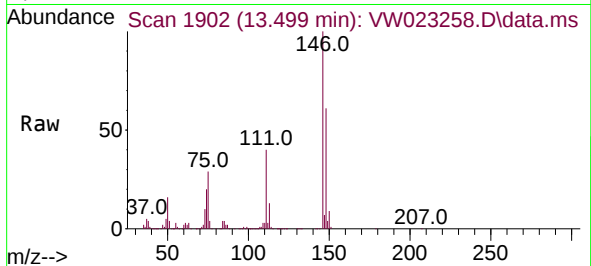




#64
1,3-Dichlorobenzene
Concen: 26.372 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

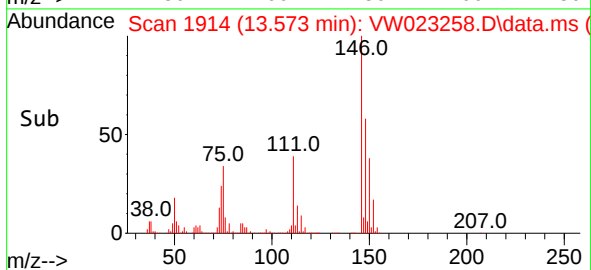
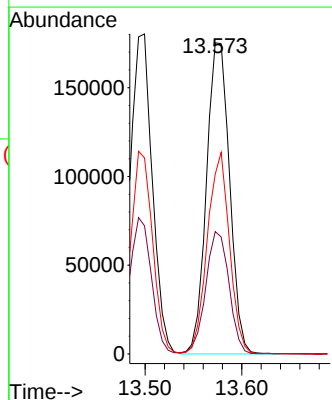
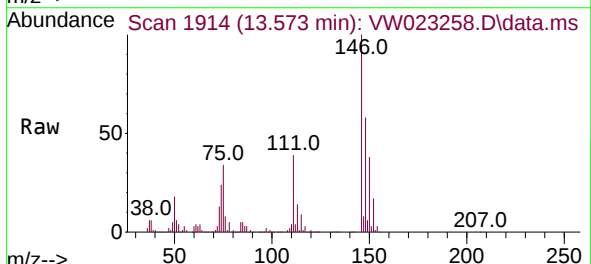
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

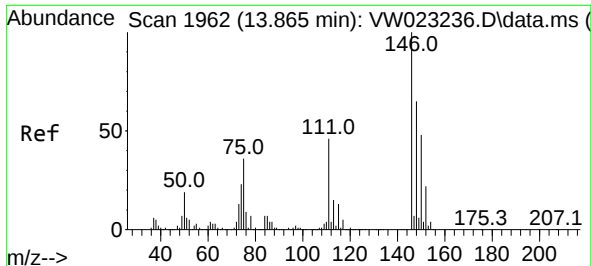
Tgt Ion:146 Resp: 289134
Ion Ratio Lower Upper
146 100
111 40.1 29.5 54.9
148 61.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.762 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion:146 Resp: 291738
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.4
148 57.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.627 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

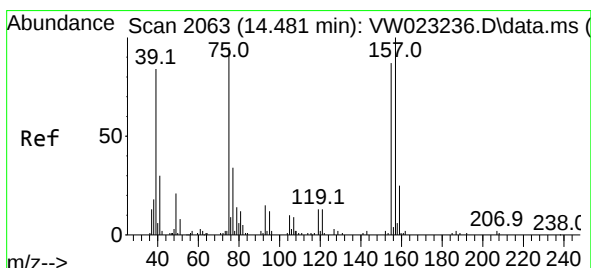
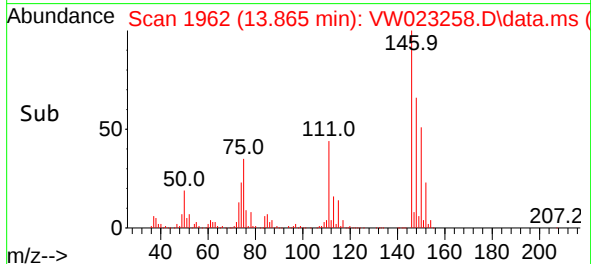
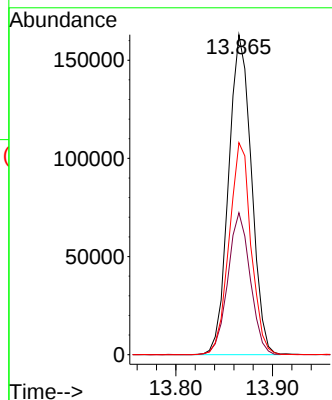
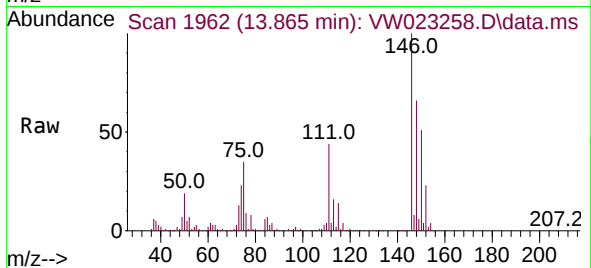
Tgt Ion:146 Resp: 267137

Ion Ratio Lower Upper

146 100

111 44.4 35.7 53.5

148 66.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.891 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

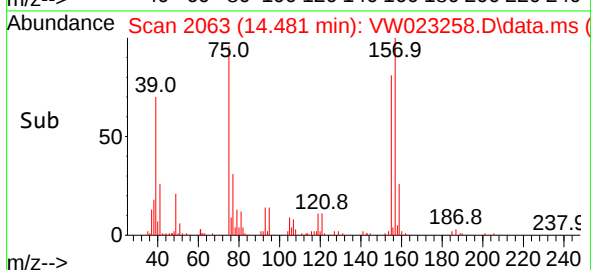
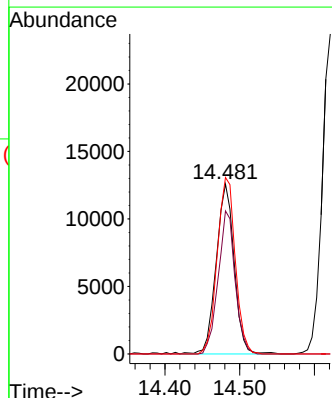
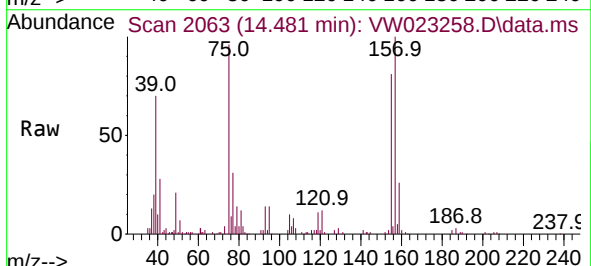
Tgt Ion: 75 Resp: 21049

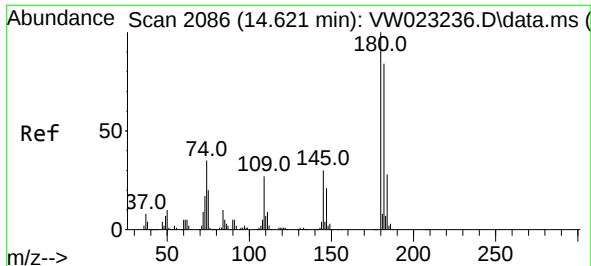
Ion Ratio Lower Upper

75 100

155 84.2 59.3 88.9

157 103.8 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 26.692 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion:180 Resp: 194256

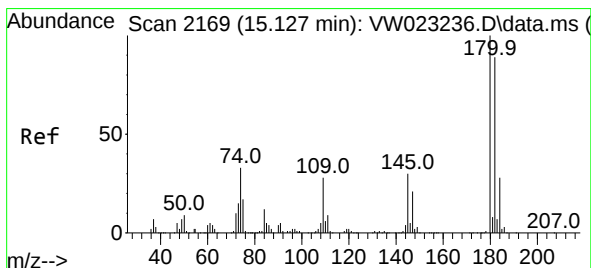
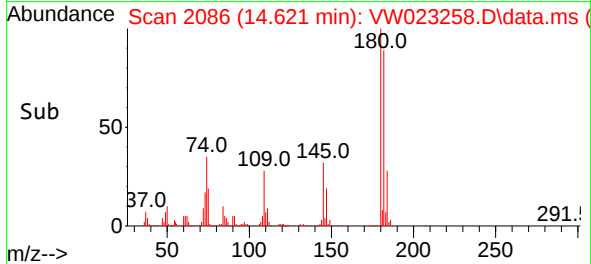
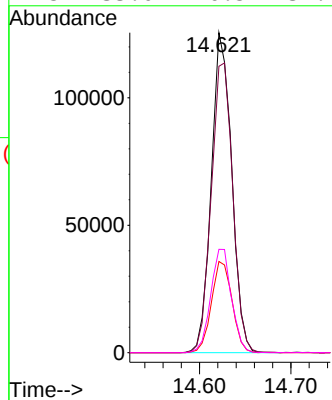
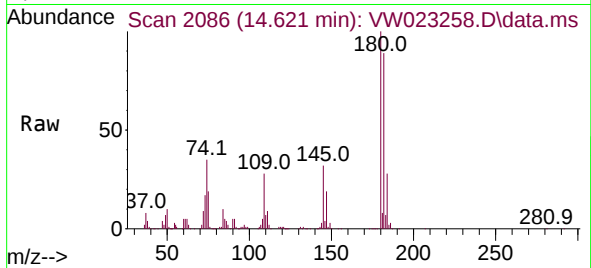
Ion Ratio Lower Upper

180 100

182 95.4 74.8 112.2

184 28.9 23.4 35.2

145 33.0 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 27.124 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023258.D

Acq: 23 May 2022 19:47

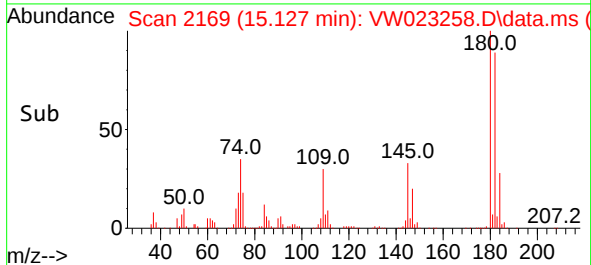
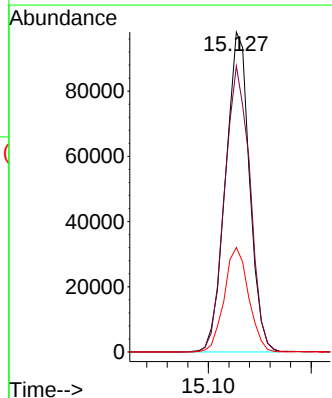
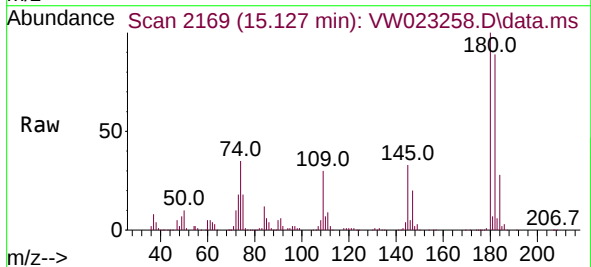
Tgt Ion:180 Resp: 158792

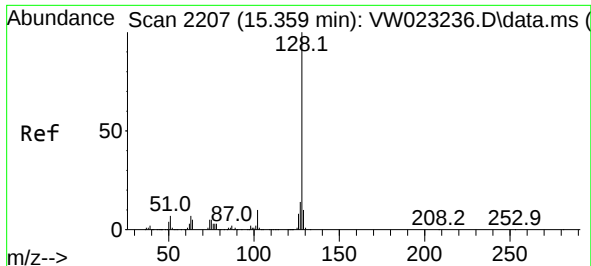
Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

145 33.2 26.6 39.8

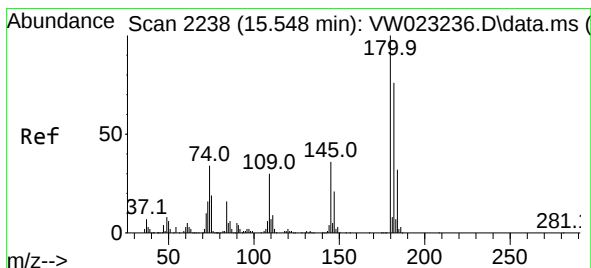
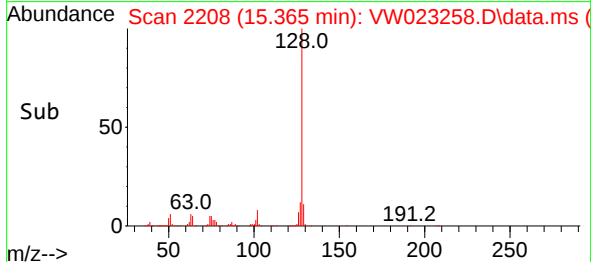
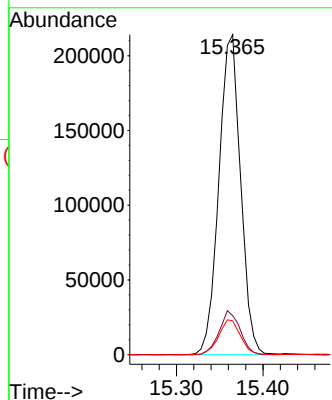
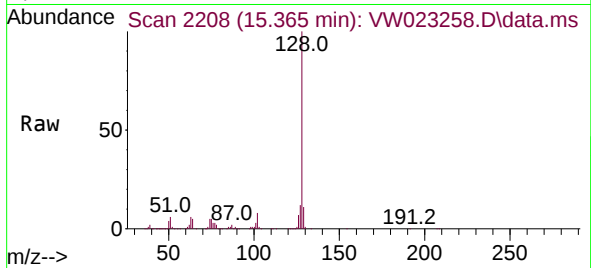




#71
Naphthalene
Concen: 29.283 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion:128 Resp: 372598
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 27.324 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023258.D
Acq: 23 May 2022 19:47

Tgt Ion:180 Resp: 141770
Ion Ratio Lower Upper
180 100
182 97.0 73.5 110.3
145 36.6 27.9 41.9

