

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024060.D
 Acq On : 25 Jul 2022 08:56
 Operator : SY/VA
 Sample : VSTD005457
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005457

Quant Time: Jul 26 00:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	211262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	212978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	20903	4.616	ug/L	0.00
7) Chloroethane-d5	2.873	69	14880	4.863	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	19405	4.867	ug/L	0.00
21) 2-Butanone-d5	7.086	46	7205	8.932	ug/L	0.01
24) Chloroform-d	7.647	84	29811	5.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	16671	4.996	ug/L	0.00
32) Benzene-d6	8.274	84	46801	4.730	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	16056	5.145	ug/L	0.00
41) Toluene-d8	10.323	98	45606	4.609	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	6455	4.665	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	5138	7.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18804	5.222	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19132	5.110	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	6958	4.394	ug/L	96
3) Chloromethane	2.209	50	20655	5.099	ug/L	95
5) Vinyl chloride	2.349	62	34601	5.480	ug/L	97
6) Bromomethane	2.763	94	20672	5.929	ug/L	96
8) Chloroethane	2.910	64	14384	5.179	ug/L	91
9) Trichlorofluoromethane	3.245	101	16673	5.673	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	15064	5.536	ug/L #	75
12) 1,1-Dichloroethene	4.031	96	10982	4.922	ug/L	92
13) Acetone	4.123	43	6509	11.487	ug/L	62
14) Carbon disulfide	4.373	76	33161	4.839	ug/L	97
15) Methyl Acetate	4.678	43	7385	5.361	ug/L	96
16) Methylene chloride	4.915	84	18446	5.734	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	13959	5.113	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	19642	4.854	ug/L #	69
19) 1,1-Dichloroethane	6.214	63	27386	5.311	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	14032	4.681	ug/L	99
22) 2-Butanone	7.183	43	8777	9.575	ug/L	98
23) Bromochloromethane	7.512	128	8262	5.356	ug/L	97
25) Chloroform	7.677	83	31879	5.343	ug/L	97
27) 1,2-Dichloroethane	8.396	62	22733	5.348	ug/L	98
29) Cyclohexane	7.951	56	17369	4.426	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	26523	5.571	ug/L	98
31) Carbon tetrachloride	8.067	117	23588	5.375	ug/L	99
33) Benzene	8.317	78	62660	5.093	ug/L	100
34) Trichloroethene	9.091	95	17122	5.255	ug/L	98
35) Methylcyclohexane	9.329	83	23251	4.696	ug/L	94
37) 1,2-Dichloropropane	9.366	63	16185	5.203	ug/L #	94
38) Bromodichloromethane	9.640	83	23044	5.196	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	20245	4.467	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	20185	9.326	ug/L	97
42) Toluene	10.384	91	68137	4.896	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	20232	4.714	ug/L	94

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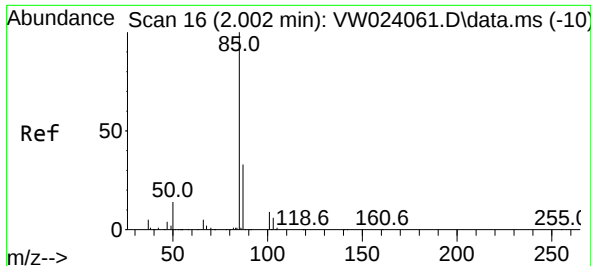
Instrument :
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 ClientSampleId :
 VSTD005457

Quant Time: Jul 26 00:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.786	97	13690	5.038	ug/L	96
46) Tetrachloroethene	10.859	164	12748	4.999	ug/L	94
48) 2-Hexanone	10.963	43	14657	9.344	ug/L	99
49) Dibromochloromethane	11.128	129	15102	4.756	ug/L	99
50) 1,2-Dibromoethane	11.237	107	13239	4.976	ug/L #	94
51) Chlorobenzene	11.652	112	47160	5.035	ug/L	98
52) Ethylbenzene	11.725	91	71714	4.676	ug/L	95
53) m,p-Xylene	11.835	106	26988	4.534	ug/L	87
54) o-Xylene	12.164	106	24680	4.335	ug/L	91
55) Styrene	12.176	104	45982	4.509	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	19278	5.119	ug/L	95
59) Bromoform	12.341	173	8697	4.867	ug/L #	36
60) Isopropylbenzene	12.463	105	69339	4.735	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	13622	5.242	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	51210	4.347	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	52981	4.443	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	35093	5.011	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	39007	5.247	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	32620	4.979	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3018	5.198	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	21500	4.814	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	15369	4.542	ug/L	93
71) Naphthalene	15.365	128	28553	3.943	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	15092	4.741	ug/L	99

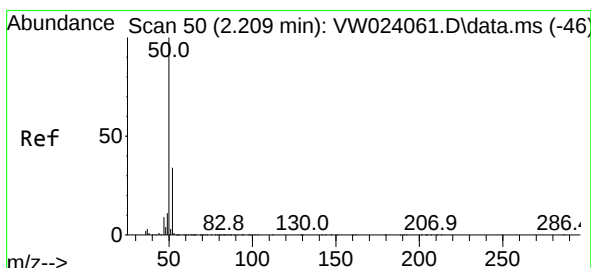
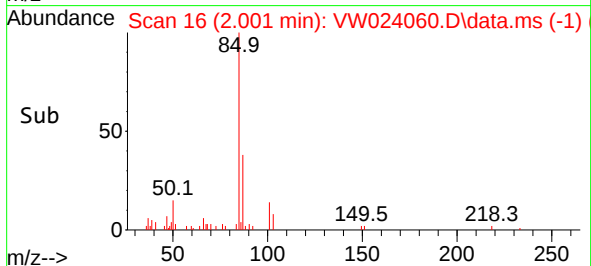
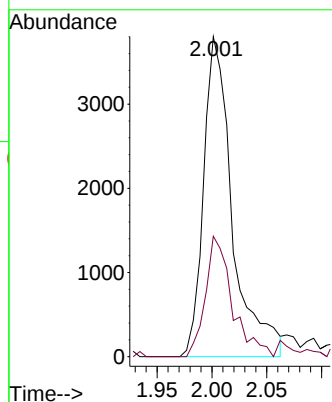
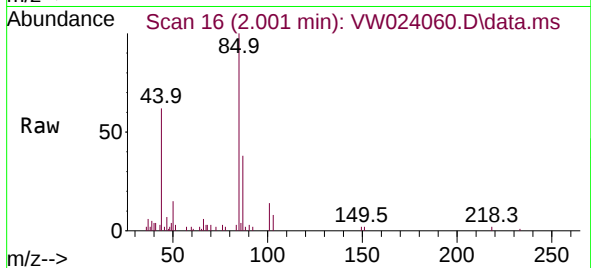
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.394 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

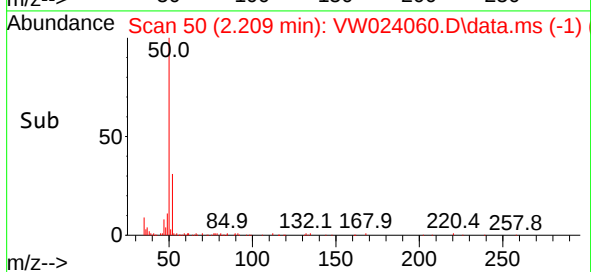
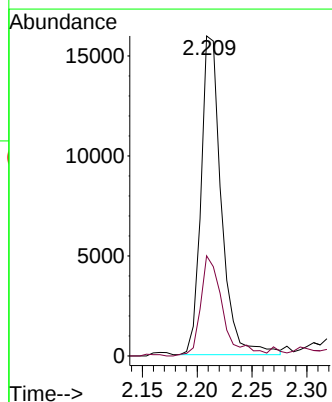
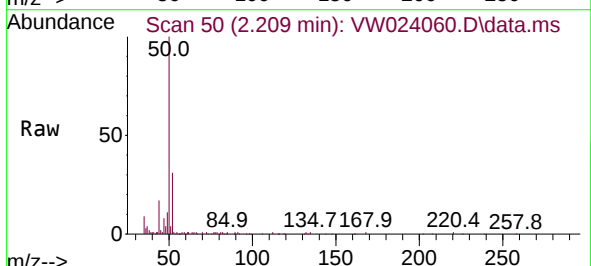
Instrument :
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 VSTD005457

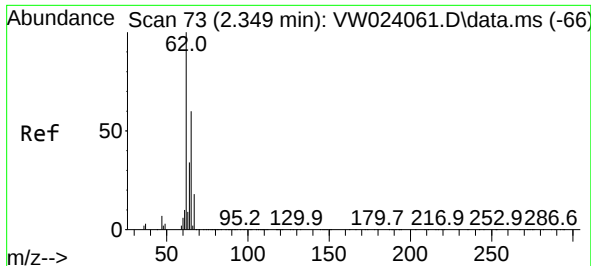
Tgt Ion: 85 Resp: 6958
 Ion Ratio Lower Upper
 85 100
 87 32.4 24.2 36.2



#3
 Chloromethane
 Concen: 5.099 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

Tgt Ion: 50 Resp: 20655
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.9 44.5

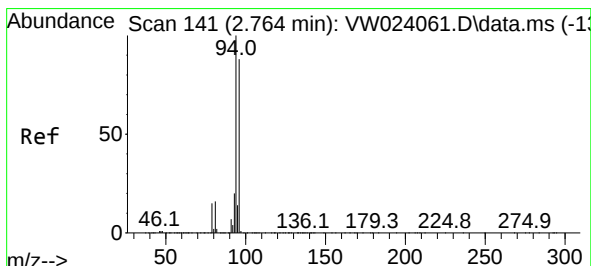
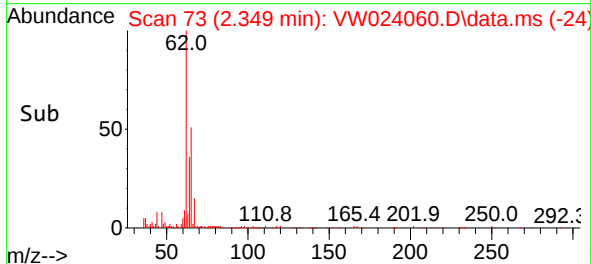
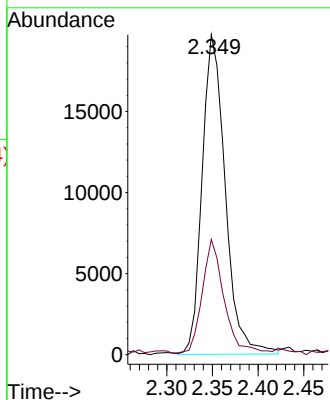
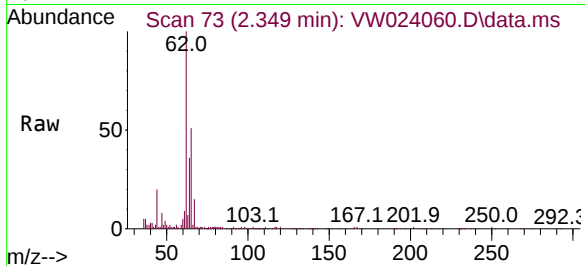




#5
 Vinyl chloride
 Concen: 5.480 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

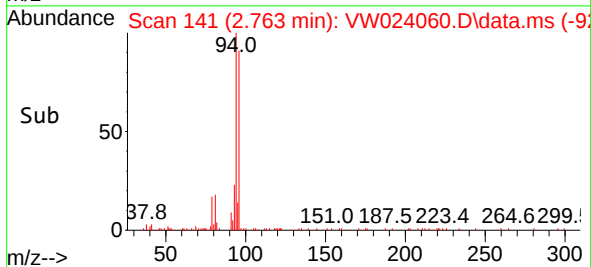
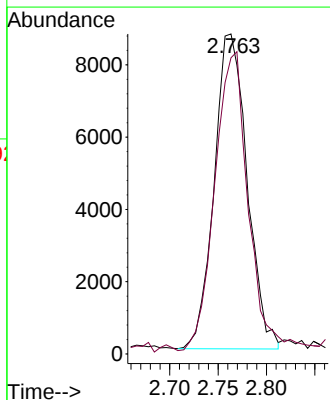
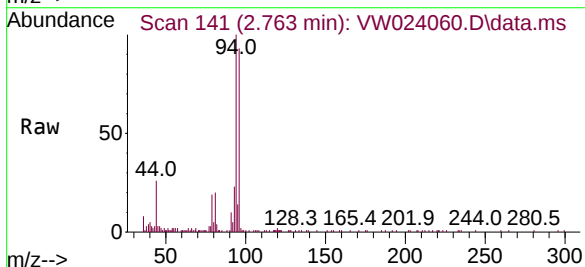
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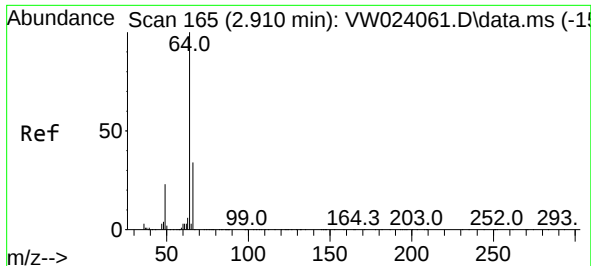
Tgt Ion: 62 Resp: 34601
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.9 44.3



#6
 Bromomethane
 Concen: 5.929 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

Tgt Ion: 94 Resp: 20672
 Ion Ratio Lower Upper
 94 100
 96 92.6 61.9 114.9

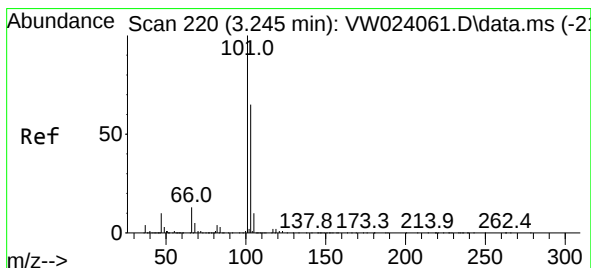
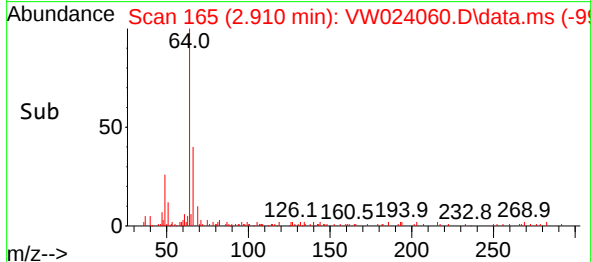
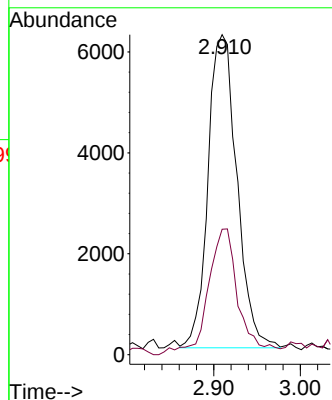
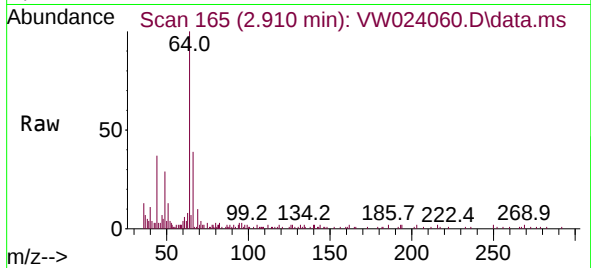




#8
Chloroethane
Concen: 5.179 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

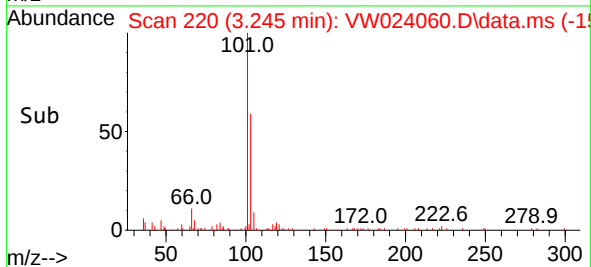
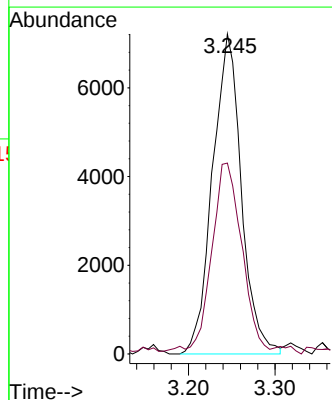
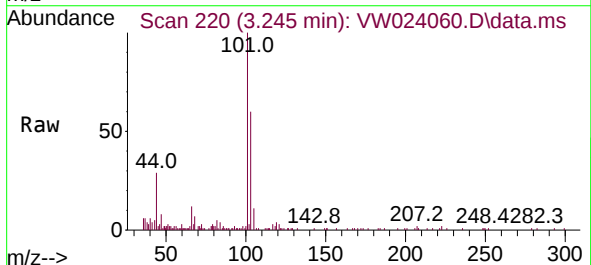
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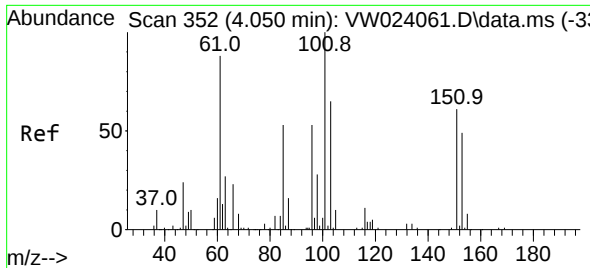
Tgt Ion: 64 Resp: 14384
Ion Ratio Lower Upper
64 100
66 39.2 23.9 44.3



#9
Trichlorofluoromethane
Concen: 5.673 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 101 Resp: 16673
Ion Ratio Lower Upper
101 100
103 62.3 52.4 78.6

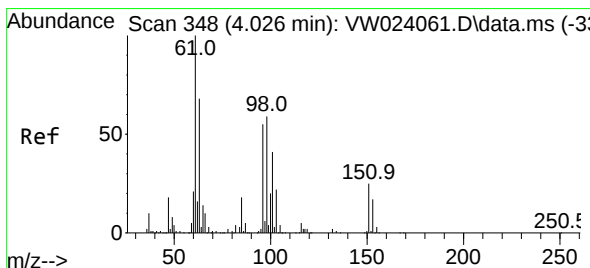
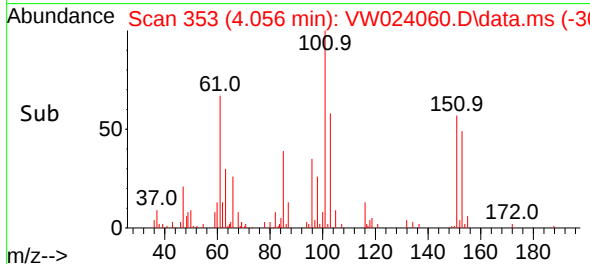
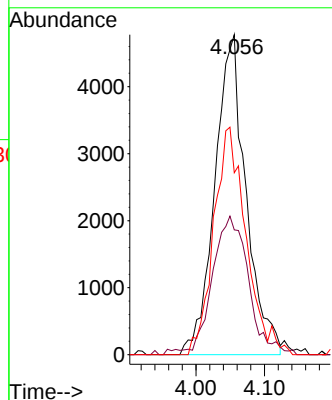
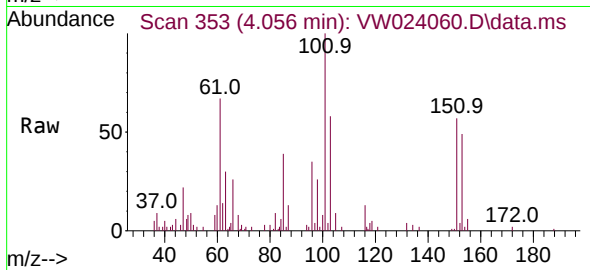




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.536 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

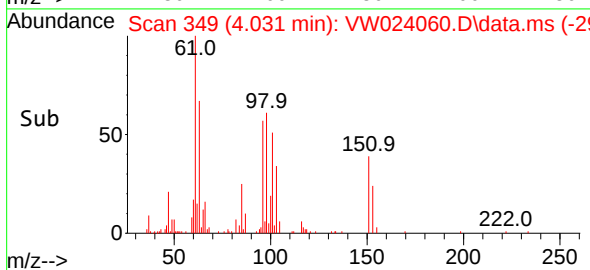
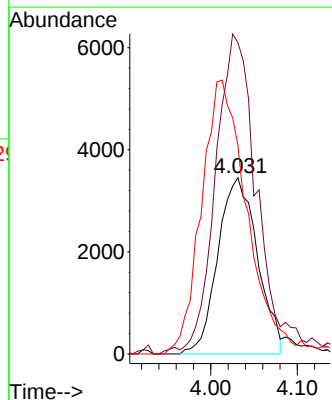
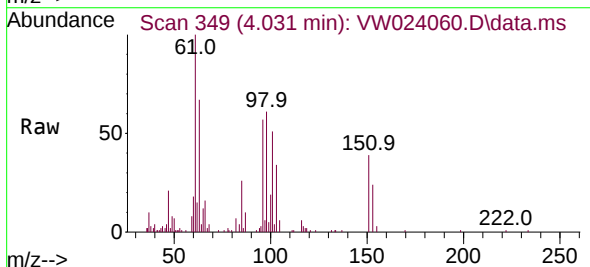
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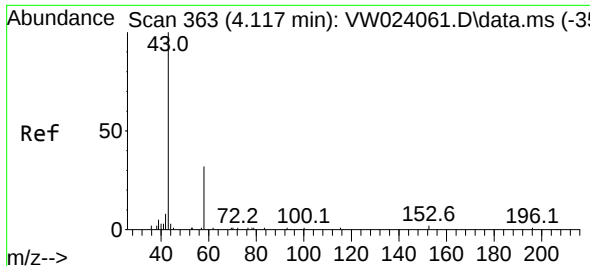
Tgt Ion:101 Resp: 15064
 Ion Ratio Lower Upper
 101 100
 85 48.3 39.8 59.8
 151 71.4 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 4.922 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024060.D
 Acq: 25 Jul 2022 08:56

Tgt Ion: 96 Resp: 10982
 Ion Ratio Lower Upper
 96 100
 61 176.7 128.4 238.4
 63 118.4 93.1 172.9

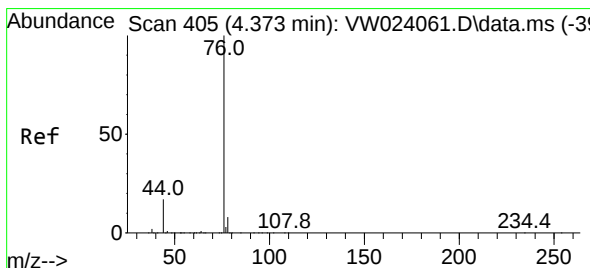
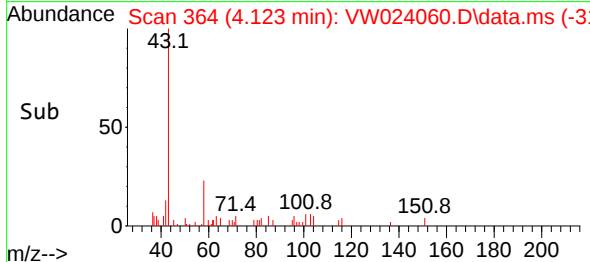
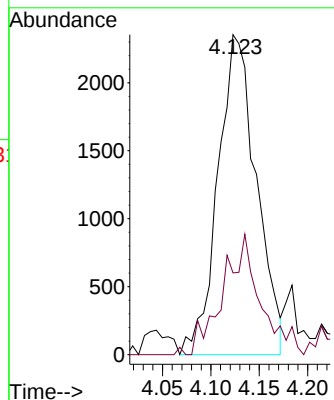
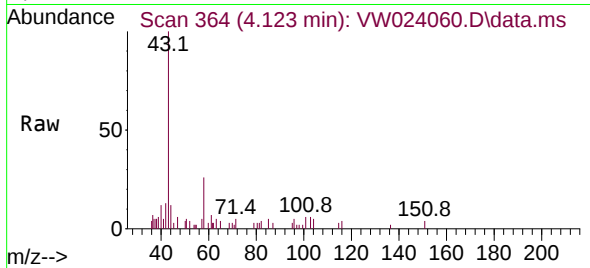




#13
Acetone
Concen: 11.487 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

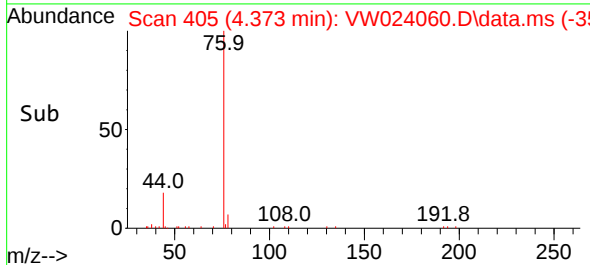
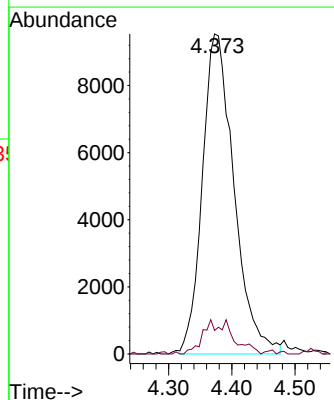
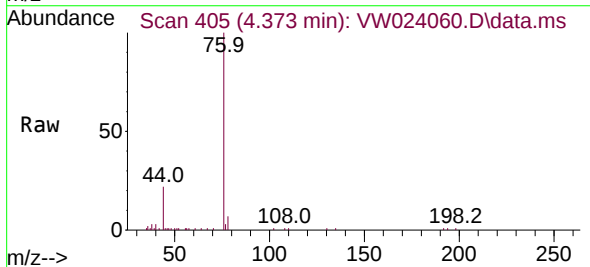
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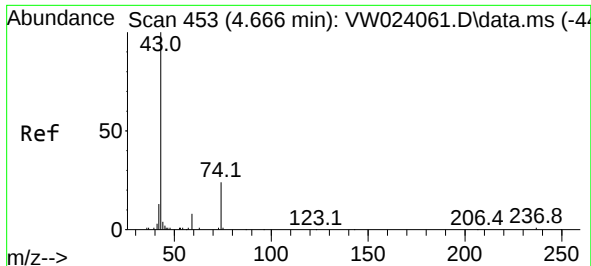
Tgt Ion: 43 Resp: 6509
Ion Ratio Lower Upper
43 100
58 9.3 0.0 60.0



#14
Carbon disulfide
Concen: 4.839 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 76 Resp: 33161
Ion Ratio Lower Upper
76 100
78 7.4 6.6 10.0

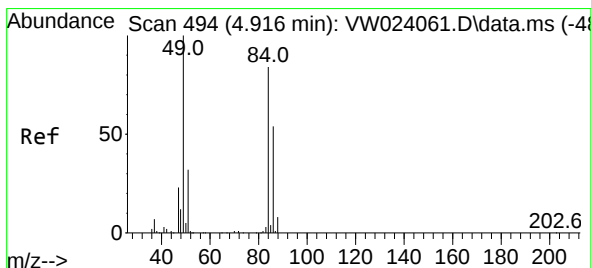
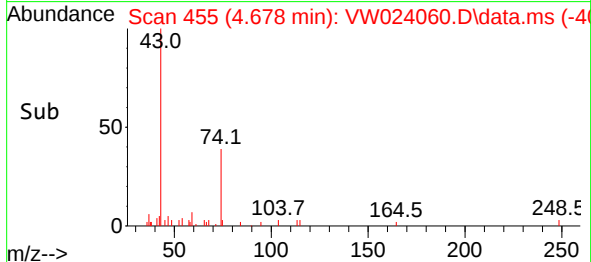
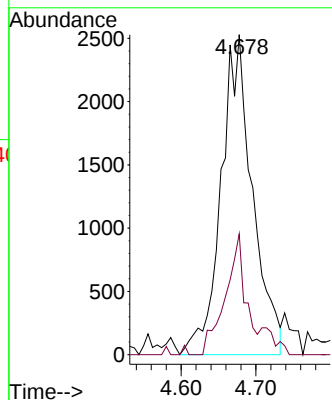
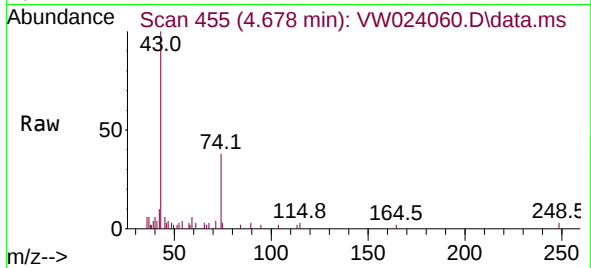




#15
Methyl Acetate
Concen: 5.361 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

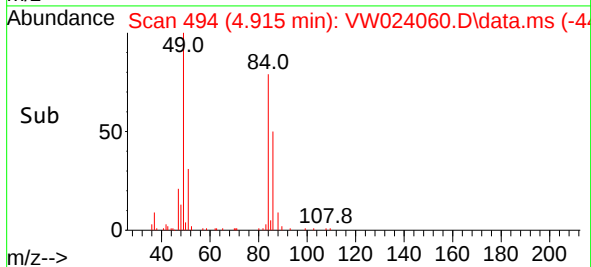
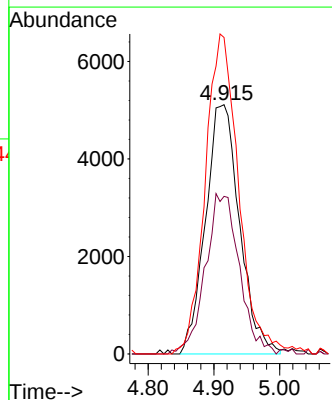
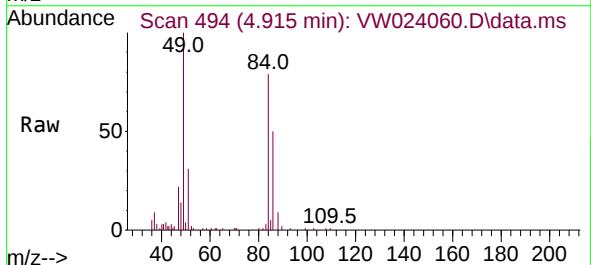
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ClientSampleId :
VSTD005457

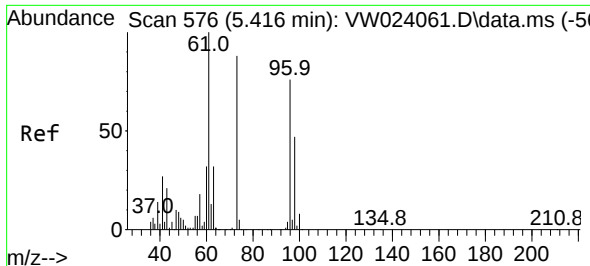
Tgt Ion: 43 Resp: 7385
Ion Ratio Lower Upper
43 100
74 24.3 21.1 31.7



#16
Methylene chloride
Concen: 5.734 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 84 Resp: 18446
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 126.9 83.7 155.4

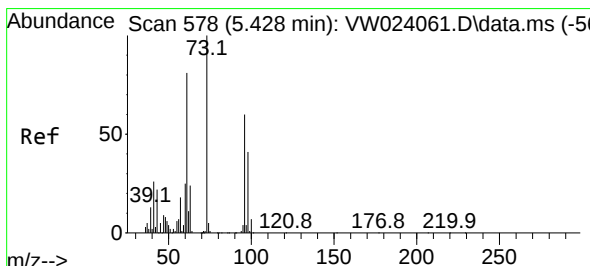
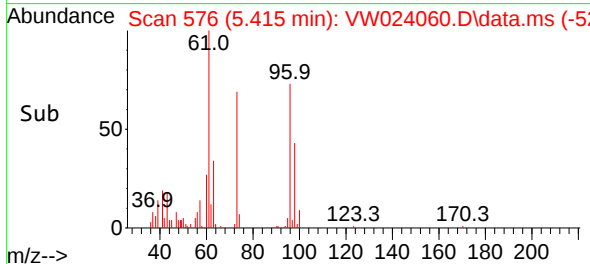
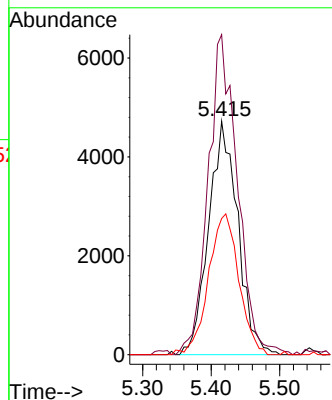
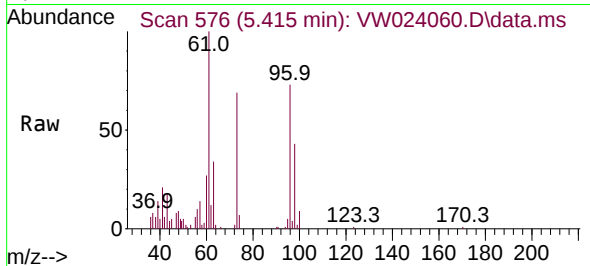




#17
trans-1,2-Dichloroethene
Concen: 5.113 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

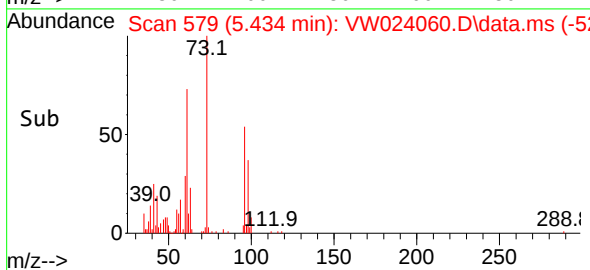
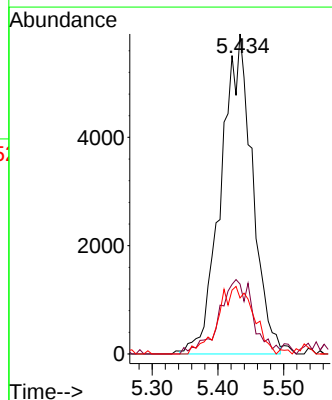
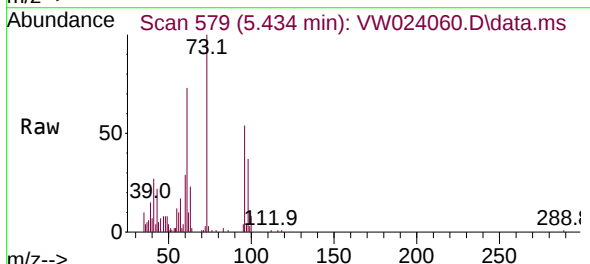
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

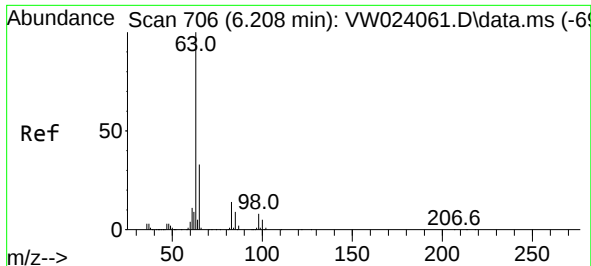
Tgt Ion: 96 Resp: 13959
Ion Ratio Lower Upper
96 100
61 137.0 92.7 172.1
98 58.3 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 4.854 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 73 Resp: 19642
Ion Ratio Lower Upper
73 100
43 11.7 17.3 25.9#
57 1.7 16.6 25.0#





#19

1,1-Dichloroethane

Concen: 5.311 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

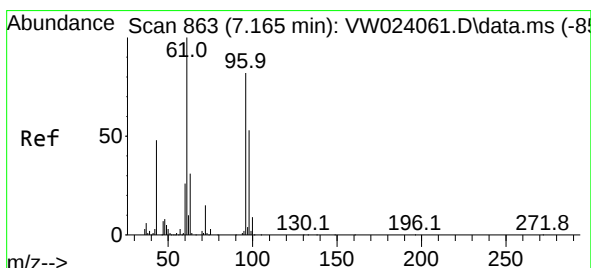
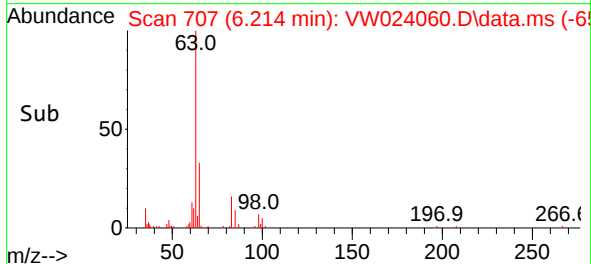
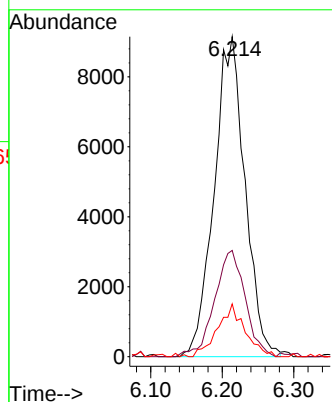
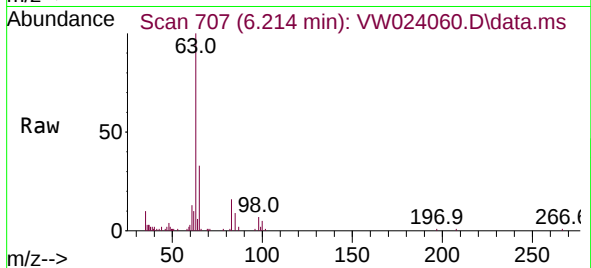
Tgt Ion: 63 Resp: 27386

Ion Ratio Lower Upper

63 100

65 33.2 23.4 43.4

83 16.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.681 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

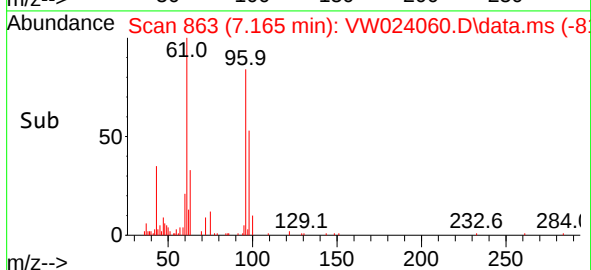
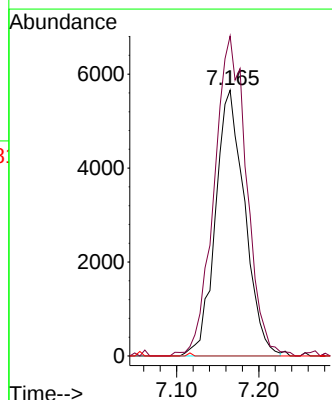
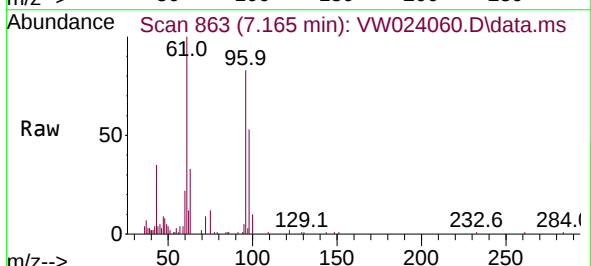
Tgt Ion: 96 Resp: 14032

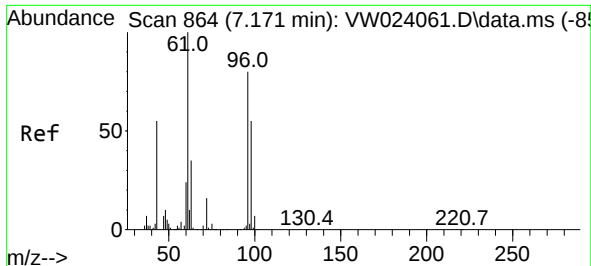
Ion Ratio Lower Upper

96 100

61 120.4 85.3 158.3

68 0.0 0.0 0.0

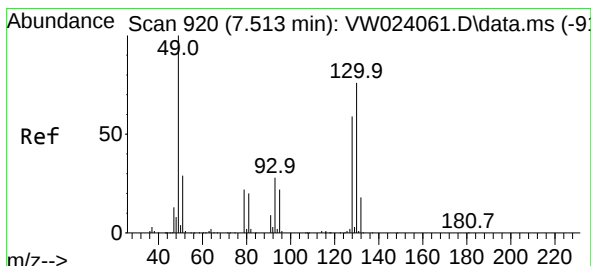
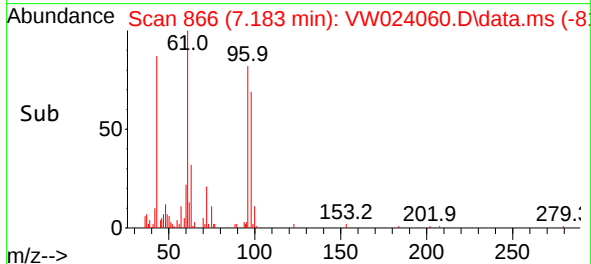
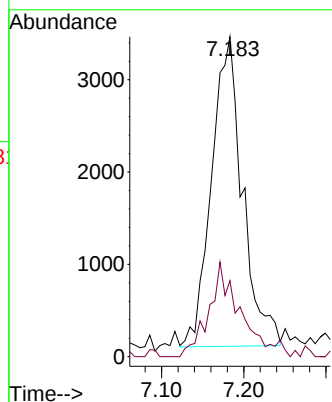
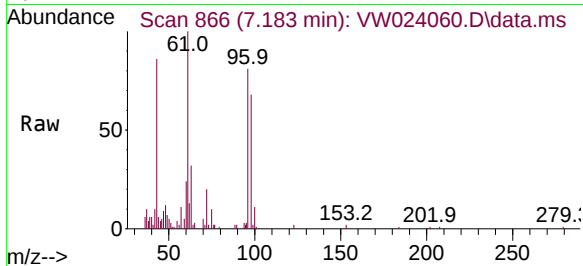




#22
2-Butanone
Concen: 9.575 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

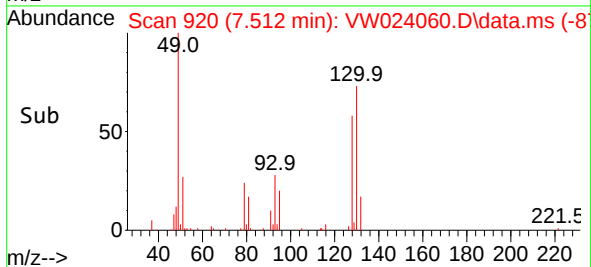
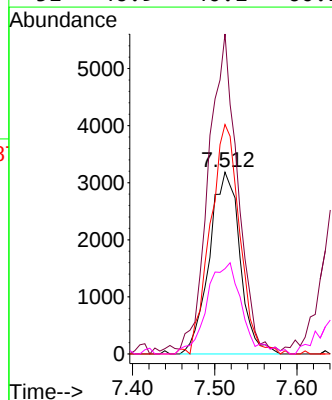
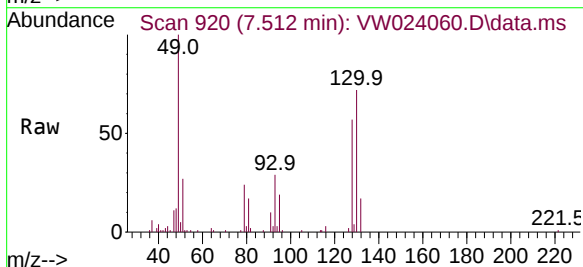
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

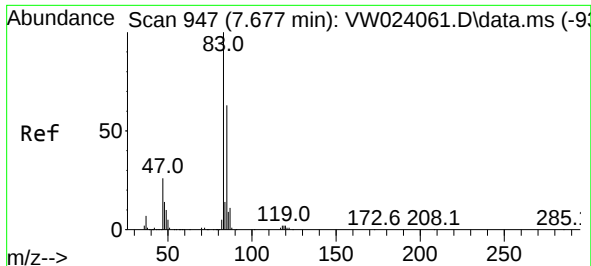
Tgt Ion: 43 Resp: 8777
Ion Ratio Lower Upper
43 100
72 29.1 15.0 45.0



#23
Bromochloromethane
Concen: 5.356 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 128 Resp: 8262
Ion Ratio Lower Upper
128 100
49 176.1 119.8 222.4
130 126.3 90.7 168.5
51 46.9 40.1 60.1

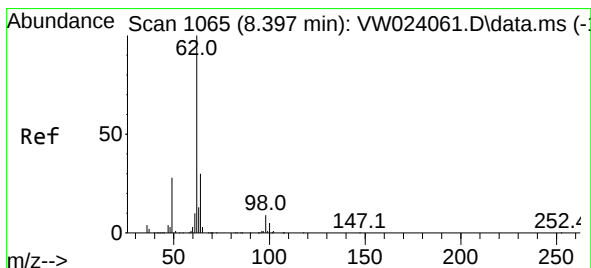
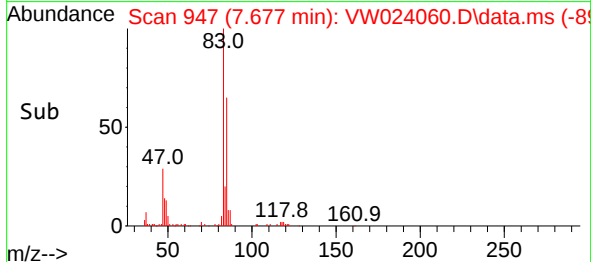
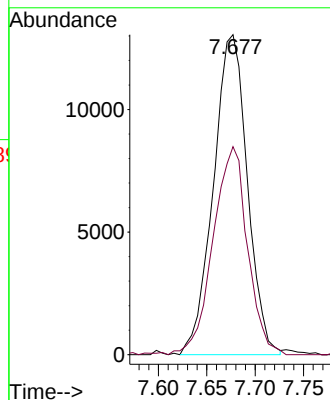
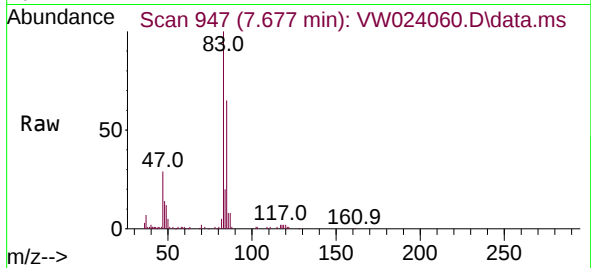




#25
Chloroform
Concen: 5.343 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

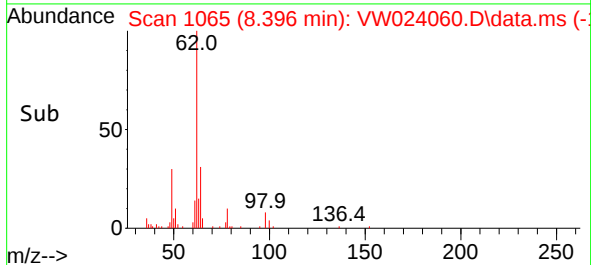
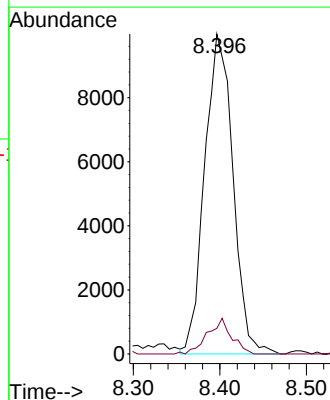
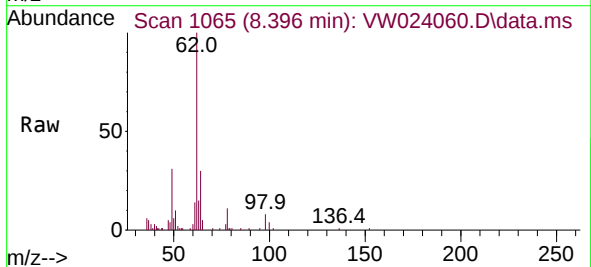
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

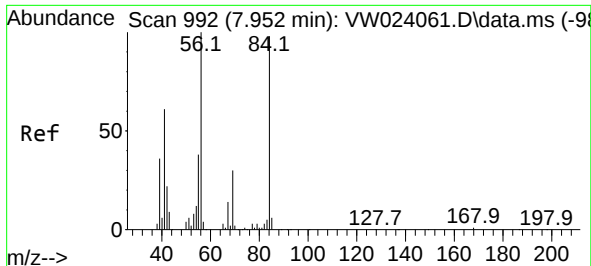
Tgt Ion: 83 Resp: 31879
Ion Ratio Lower Upper
83 100
85 65.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.348 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 62 Resp: 22733
Ion Ratio Lower Upper
62 100
98 8.0 7.1 10.7





#29

Cyclohexane

Concen: 4.426 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

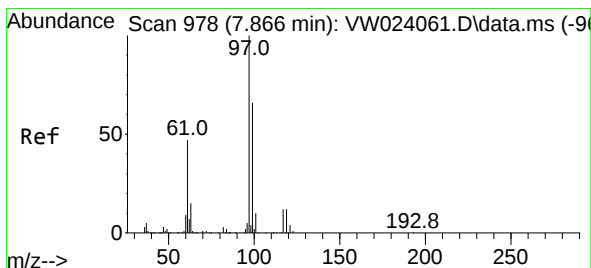
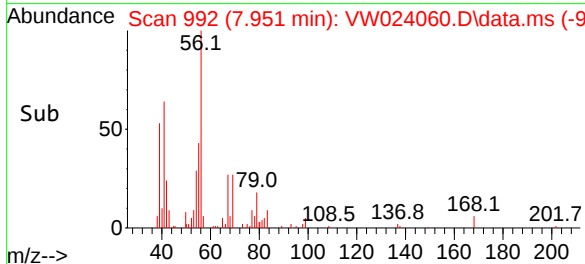
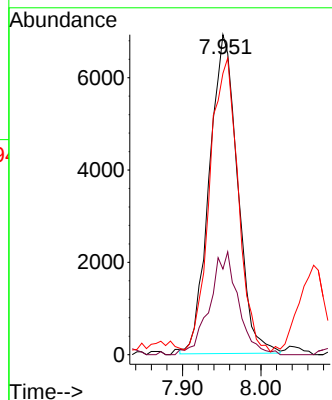
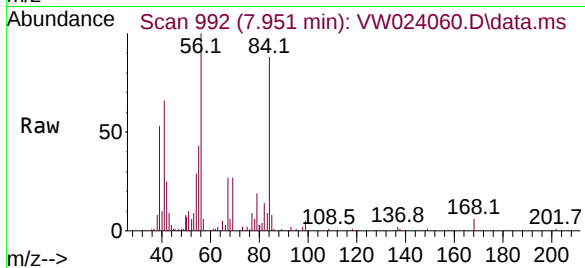
Tgt Ion: 56 Resp: 17369

Ion Ratio Lower Upper

56 100

69 32.3 24.1 36.1

84 94.2 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 5.571 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

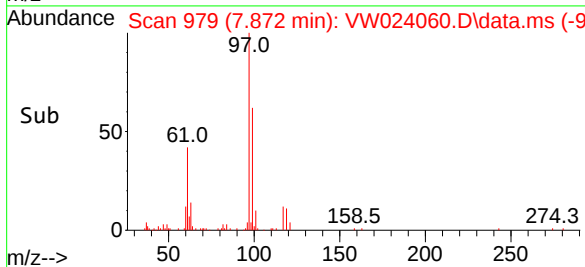
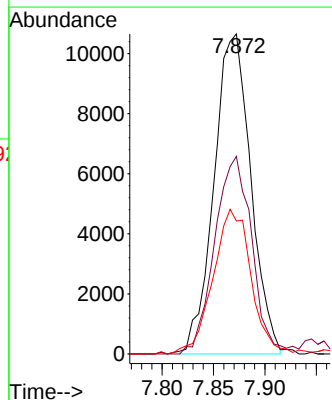
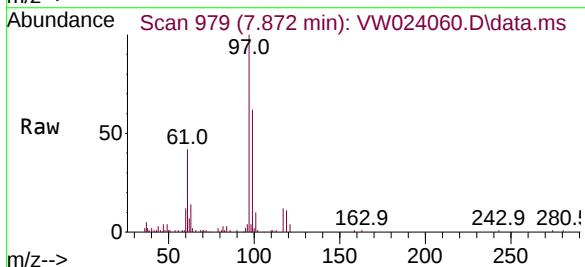
Tgt Ion: 97 Resp: 26523

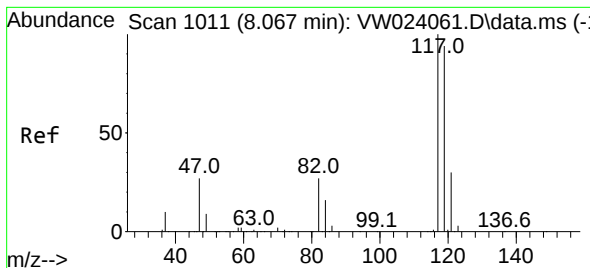
Ion Ratio Lower Upper

97 100

99 62.5 51.7 77.5

61 46.5 37.8 56.6





#31

Carbon tetrachloride

Concen: 5.375 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

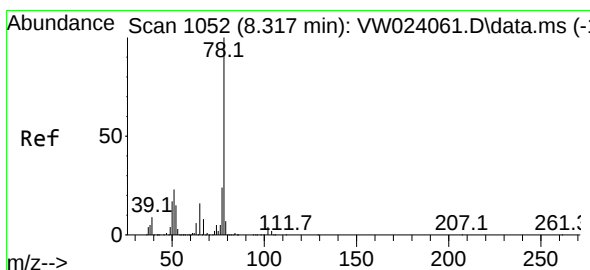
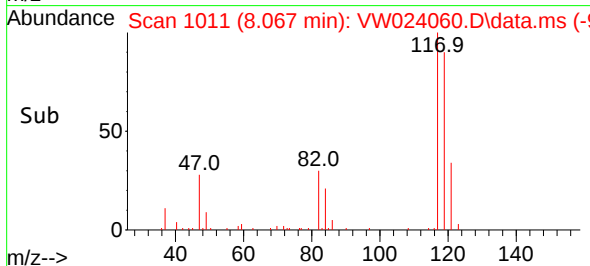
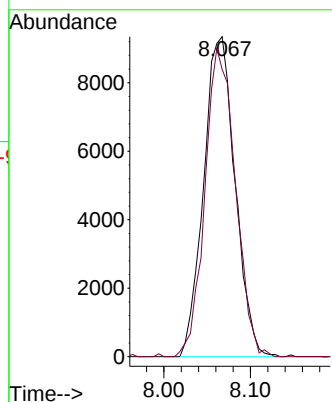
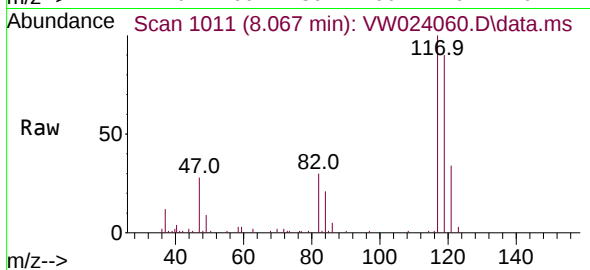
VSTD005457

Tgt Ion:117 Resp: 23588

Ion Ratio Lower Upper

117 100

119 92.9 75.0 112.4



#33

Benzene

Concen: 5.093 ug/L

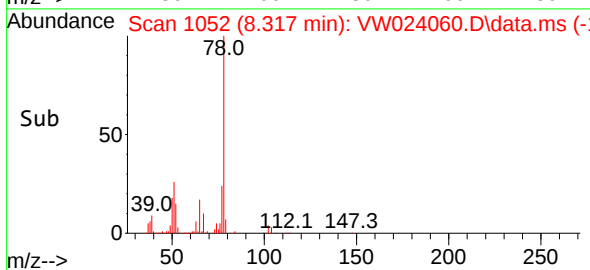
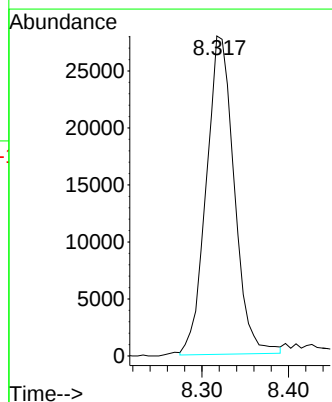
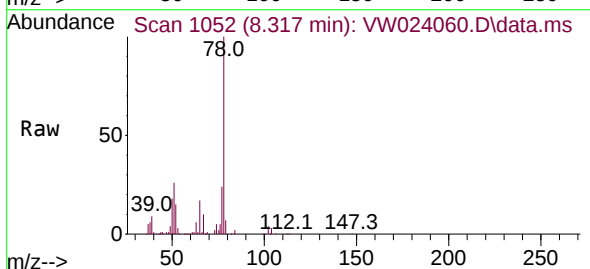
RT: 8.317 min Scan# 1052

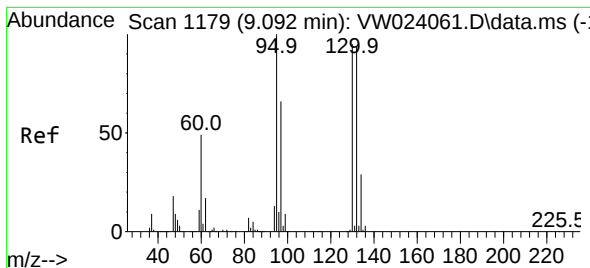
Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Tgt Ion: 78 Resp: 62660





#34

Trichloroethene

Concen: 5.255 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

Tgt Ion: 95 Resp: 17122

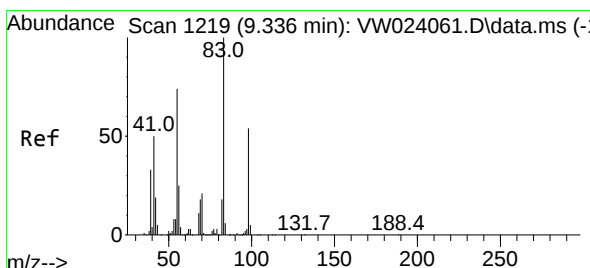
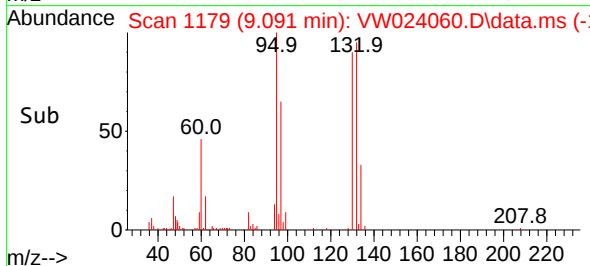
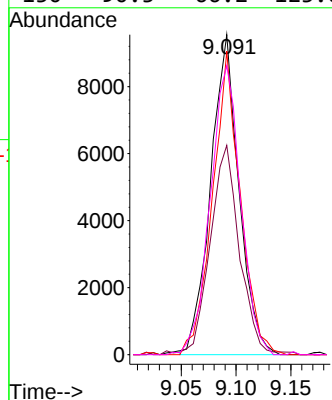
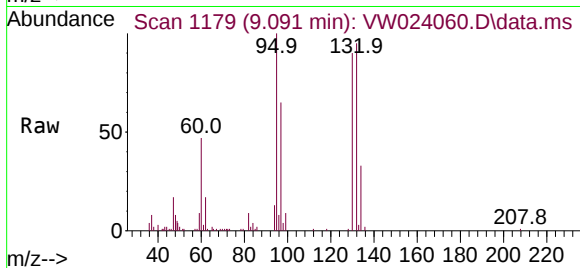
Ion Ratio Lower Upper

95 100

97 65.4 46.5 86.3

132 94.8 65.8 122.2

130 90.3 66.2 123.0



#35

Methylcyclohexane

Concen: 4.696 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

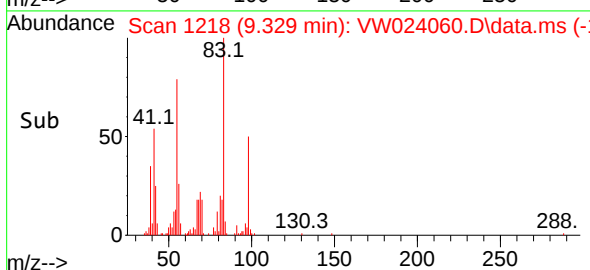
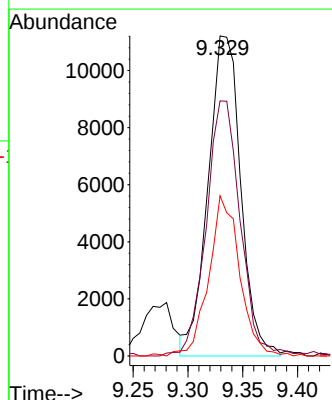
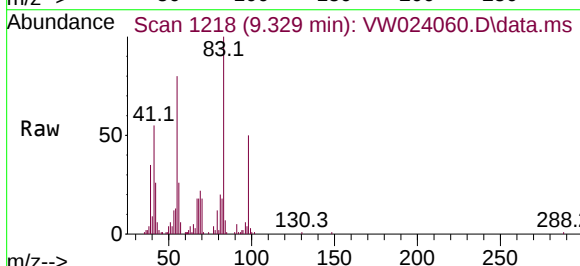
Tgt Ion: 83 Resp: 23251

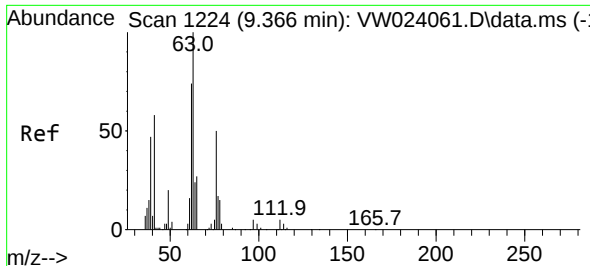
Ion Ratio Lower Upper

83 100

55 78.7 57.3 85.9

98 46.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 5.203 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

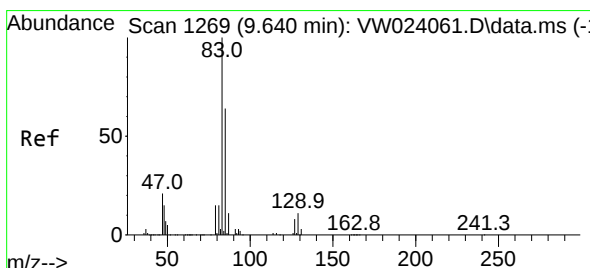
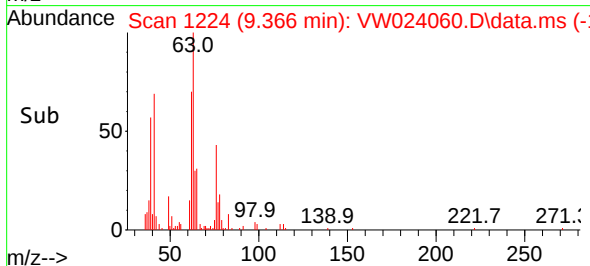
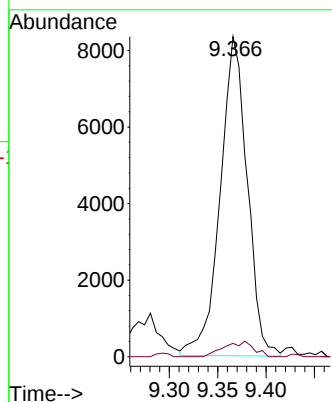
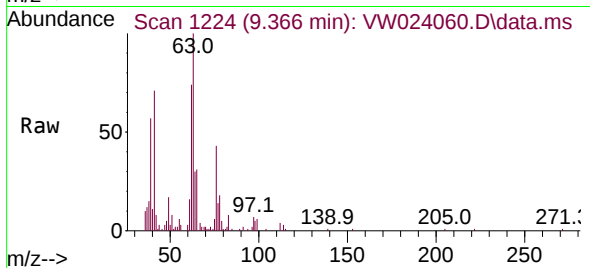
VSTD005457

Tgt Ion: 63 Resp: 16185

Ion Ratio Lower Upper

63 100

112 3.1 3.9 5.9#



#38

Bromodichloromethane

Concen: 5.196 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

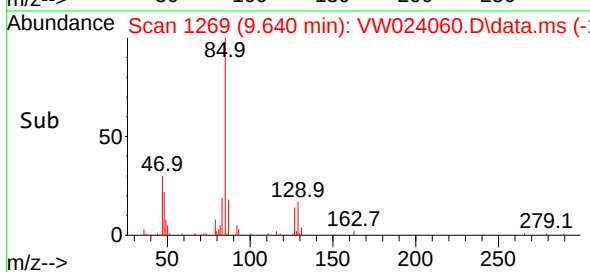
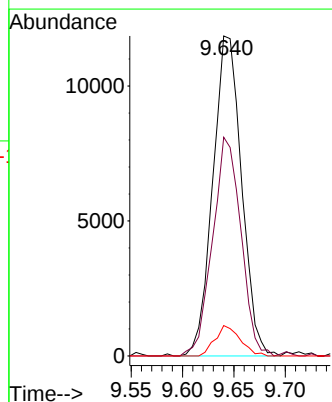
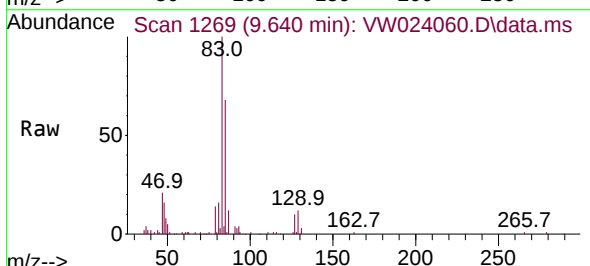
Tgt Ion: 83 Resp: 23044

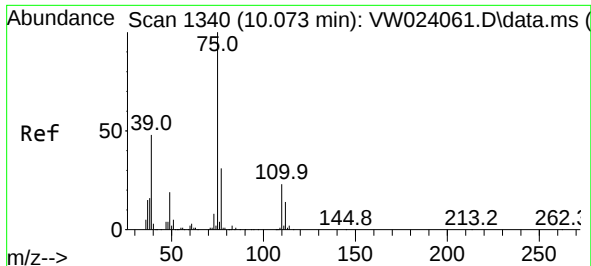
Ion Ratio Lower Upper

83 100

85 68.4 45.1 83.7

127 9.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.467 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

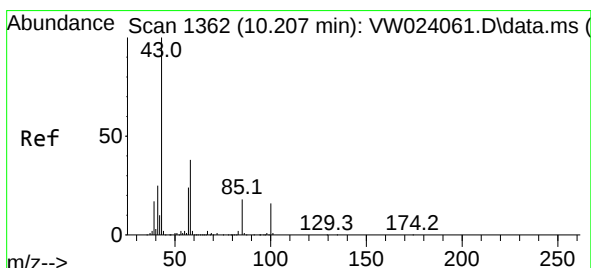
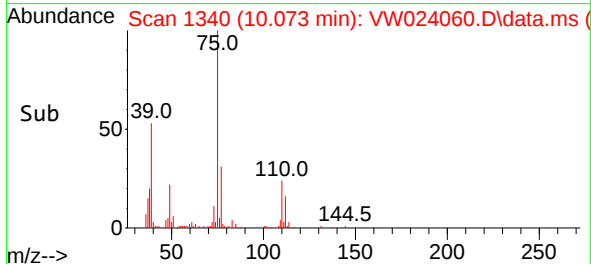
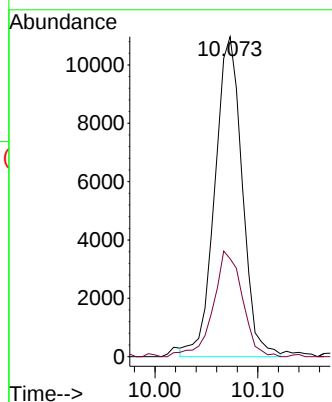
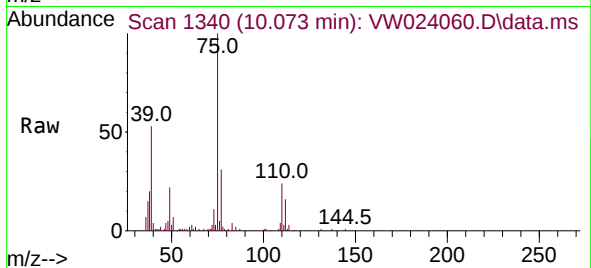
VSTD005457

Tgt Ion: 75 Resp: 20245

Ion Ratio Lower Upper

75 100

77 30.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 9.326 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

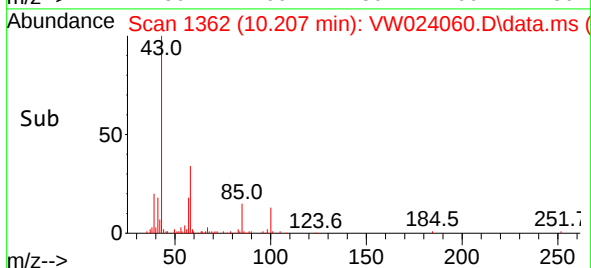
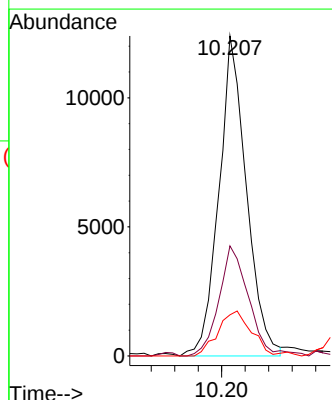
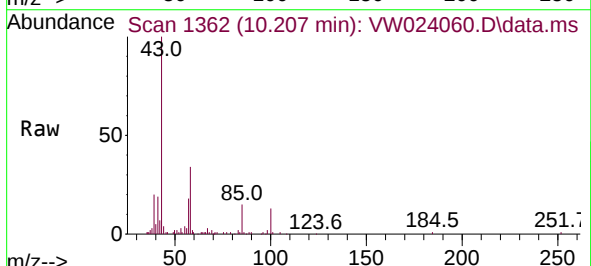
Tgt Ion: 43 Resp: 20185

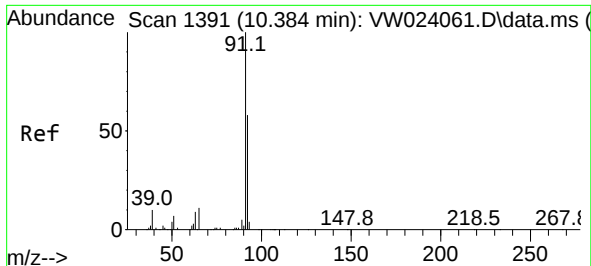
Ion Ratio Lower Upper

43 100

58 36.0 30.8 46.2

100 16.9 13.0 19.6

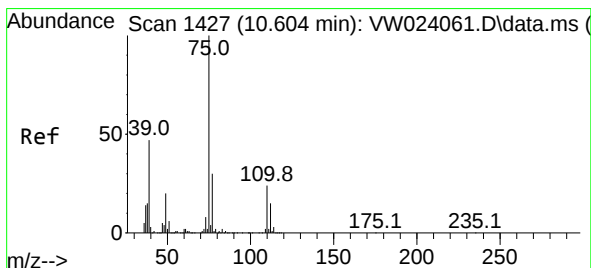
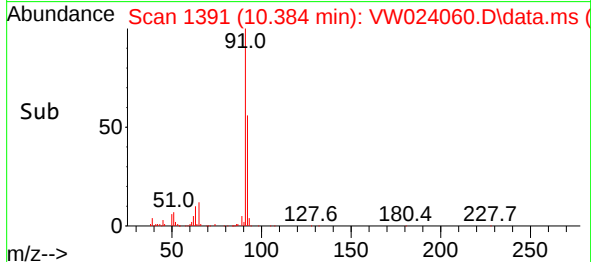
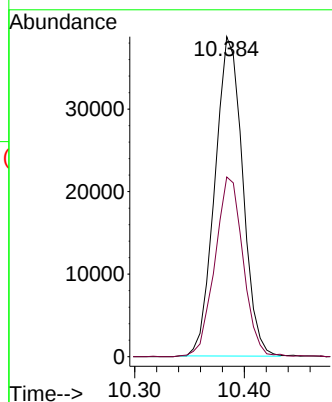
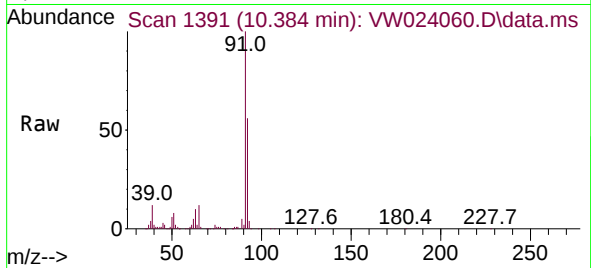




#42
Toluene
Concen: 4.896 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

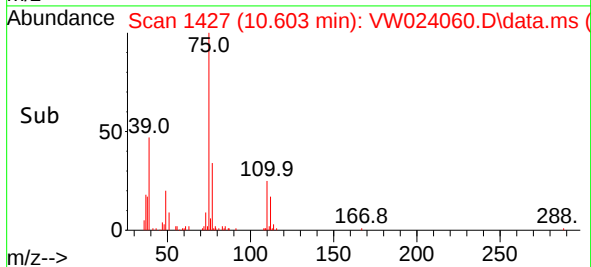
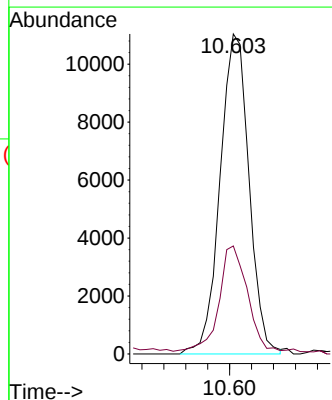
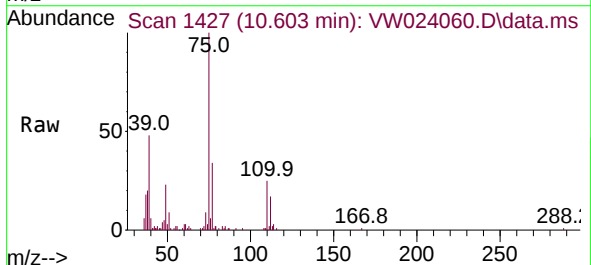
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

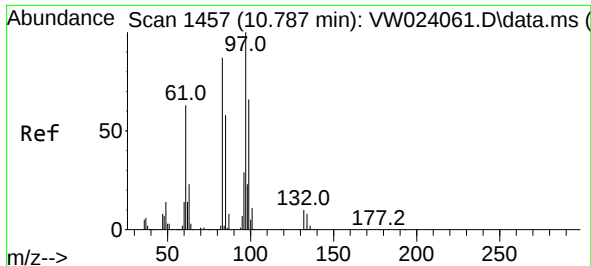
Tgt Ion: 91 Resp: 68137
Ion Ratio Lower Upper
91 100
92 56.1 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 4.714 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion: 75 Resp: 20232
Ion Ratio Lower Upper
75 100
77 33.8 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.038 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

Tgt Ion: 97 Resp: 13690

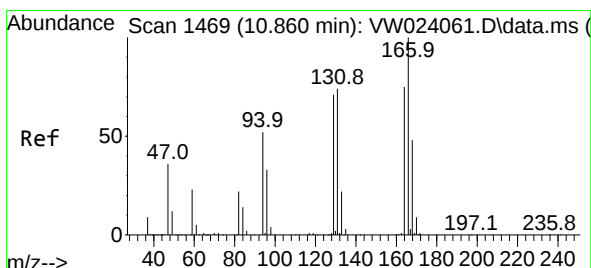
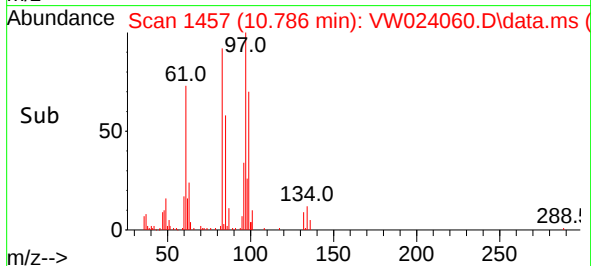
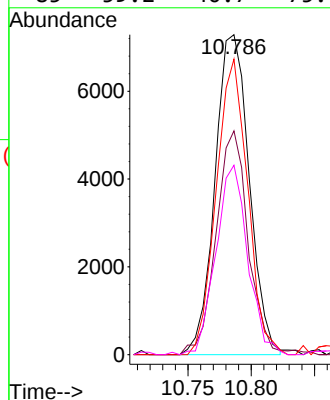
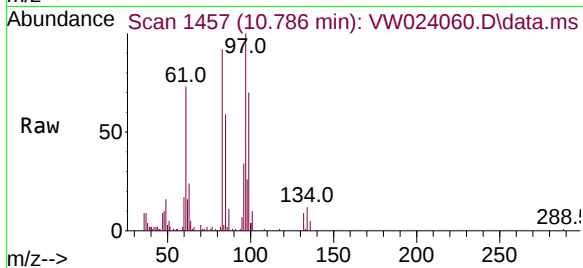
Ion Ratio Lower Upper

97 100

99 69.9 46.2 85.8

83 92.4 61.2 113.6

85 59.2 40.7 75.7



#46

Tetrachloroethene

Concen: 4.999 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Tgt Ion:164 Resp: 12748

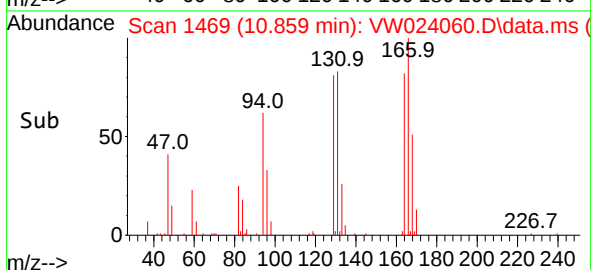
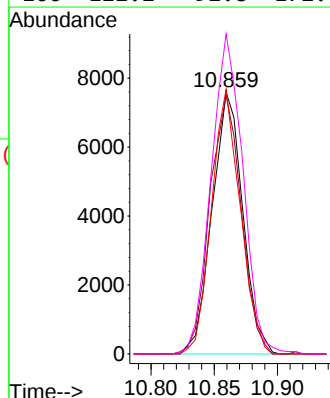
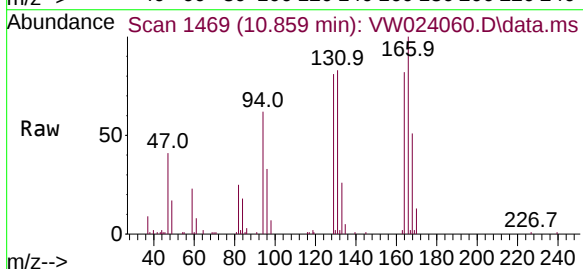
Ion Ratio Lower Upper

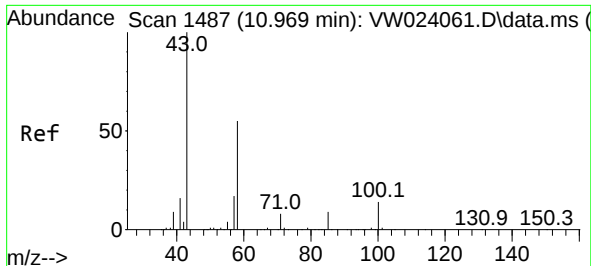
164 100

129 98.7 65.7 122.1

131 101.1 69.2 128.4

166 122.2 92.8 172.4





#48

2-Hexanone

Concen: 9.344 ug/L

RT: 10.963 min Scan# 1487

Delta R.T. -0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

Tgt Ion: 43 Resp: 14657

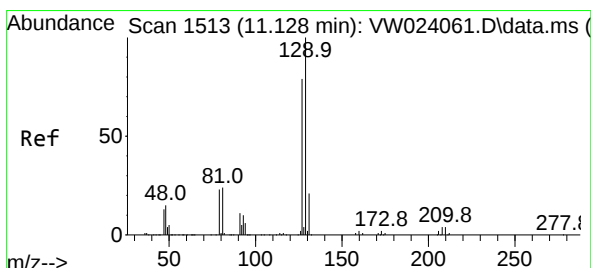
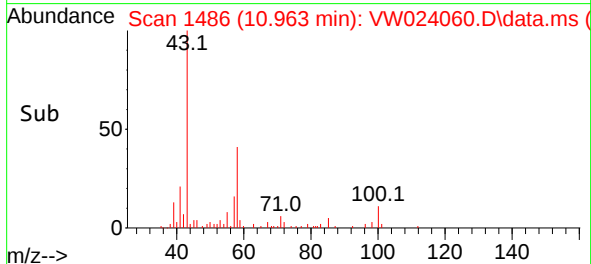
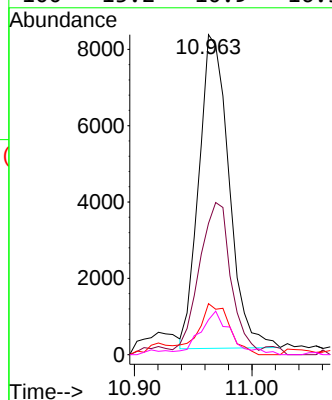
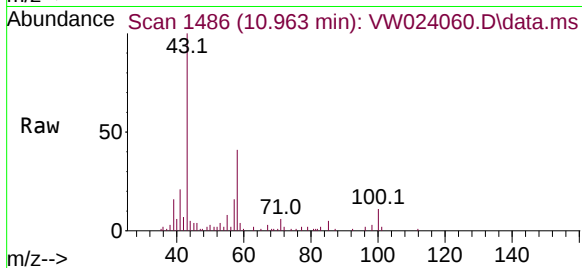
Ion Ratio Lower Upper

43 100

58 51.3 41.0 61.6

57 17.0 14.5 21.7

100 13.2 10.9 16.3



#49

Dibromochloromethane

Concen: 4.756 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024060.D

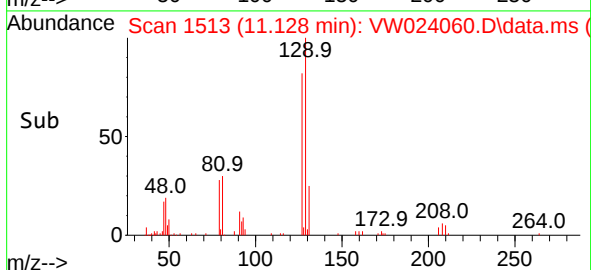
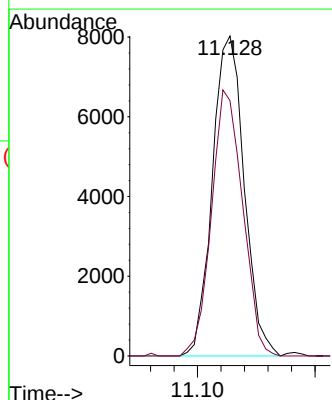
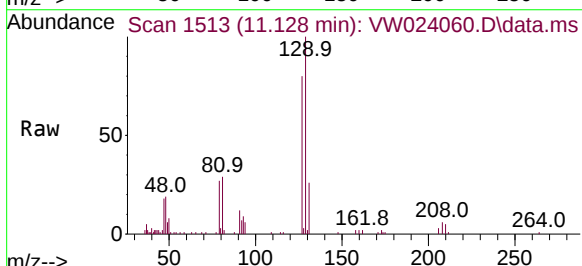
Acq: 25 Jul 2022 08:56

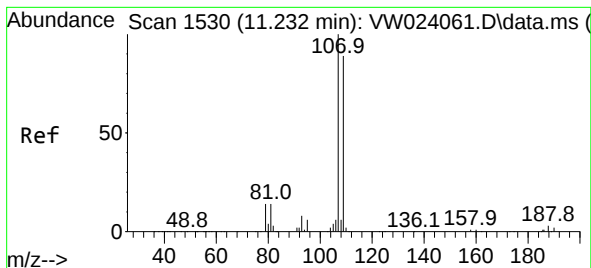
Tgt Ion: 129 Resp: 15102

Ion Ratio Lower Upper

129 100

127 79.8 55.0 102.2

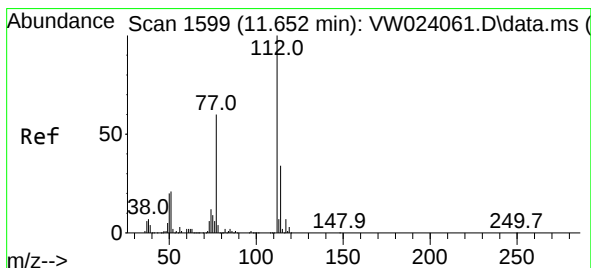
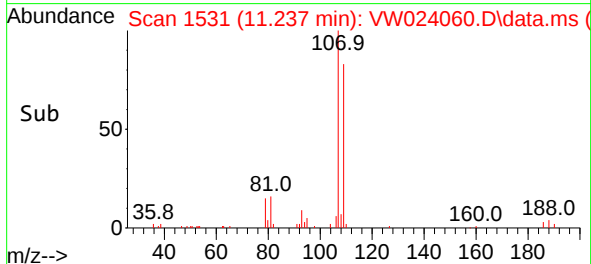
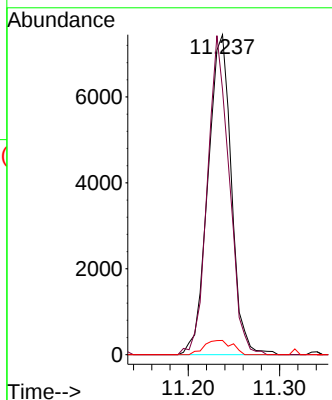
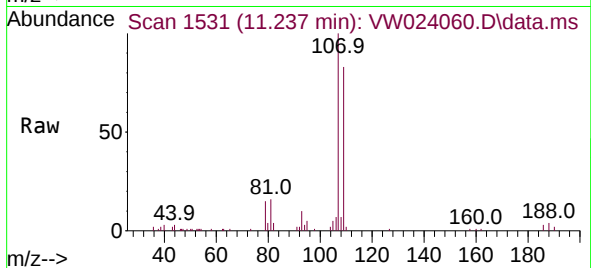




#50
1,2-Dibromoethane
Concen: 4.976 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

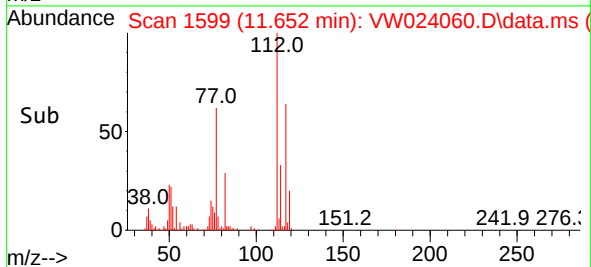
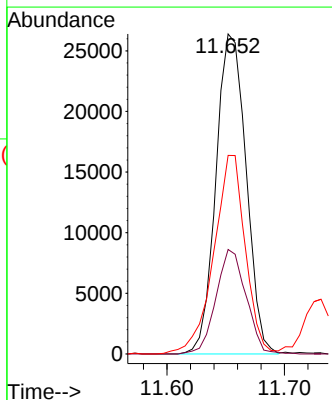
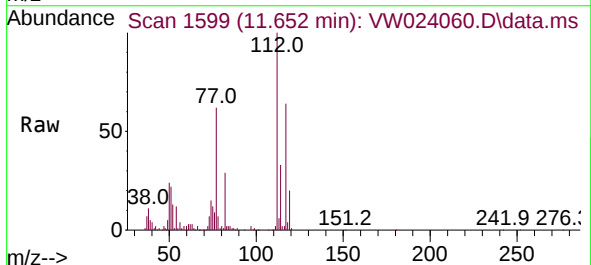
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

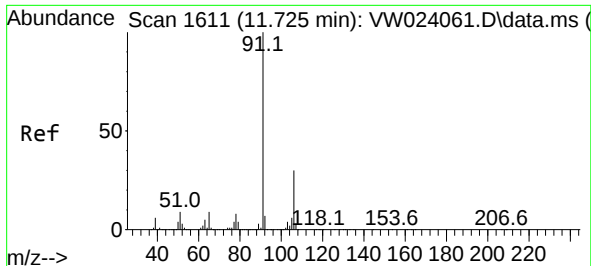
Tgt Ion:107 Resp: 13239
Ion Ratio Lower Upper
107 100
109 82.8 62.2 115.6
188 4.4 2.2 3.2#



#51
Chlorobenzene
Concen: 5.035 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion:112 Resp: 47160
Ion Ratio Lower Upper
112 100
114 32.6 23.7 43.9
77 62.0 48.2 72.2

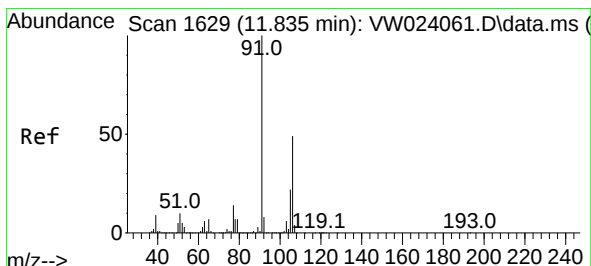
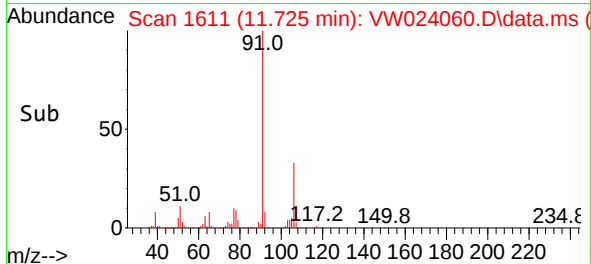
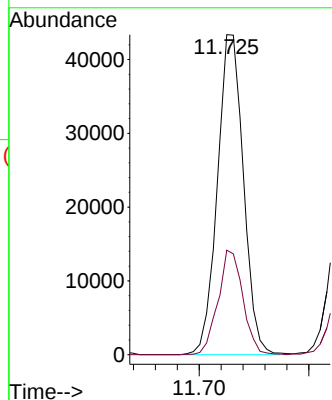
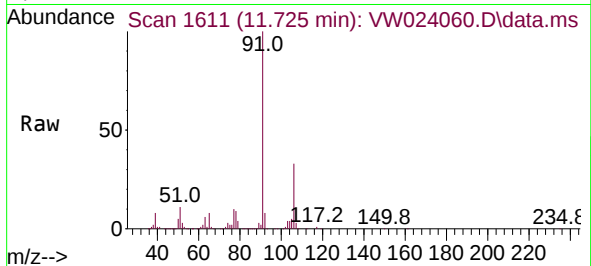




#52
Ethylbenzene
Concen: 4.676 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

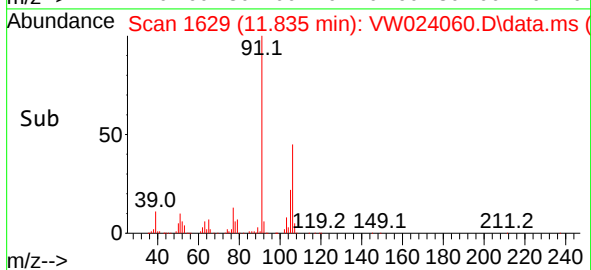
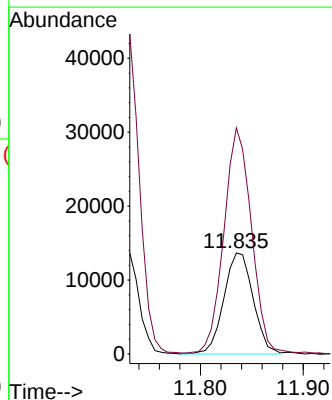
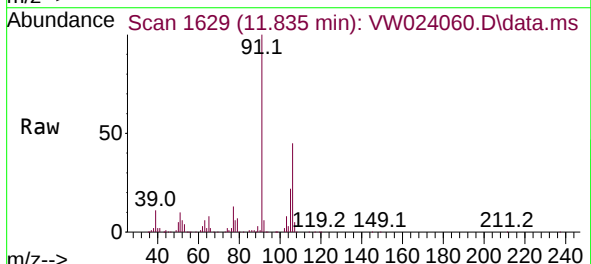
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

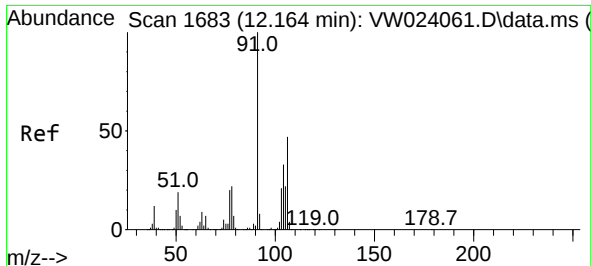
Tgt Ion: 91 Resp: 71714
Ion Ratio Lower Upper
91 100
106 32.7 21.0 39.0



#53
m,p-Xylene
Concen: 4.534 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion:106 Resp: 26988
Ion Ratio Lower Upper
106 100
91 223.9 142.9 265.3

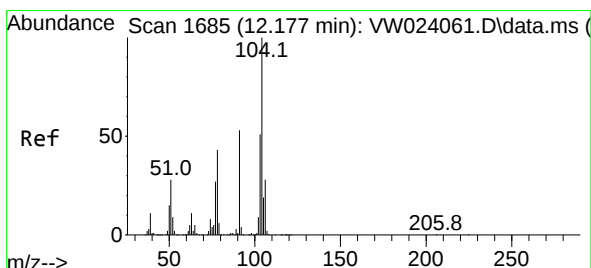
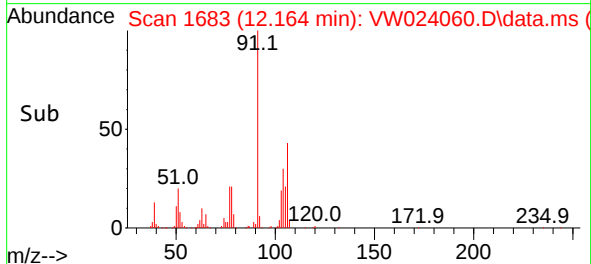
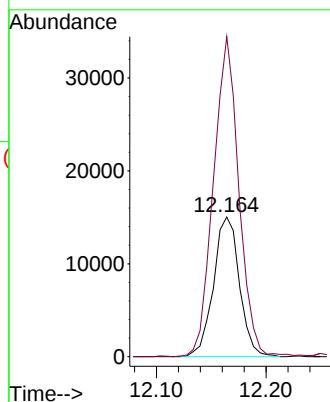
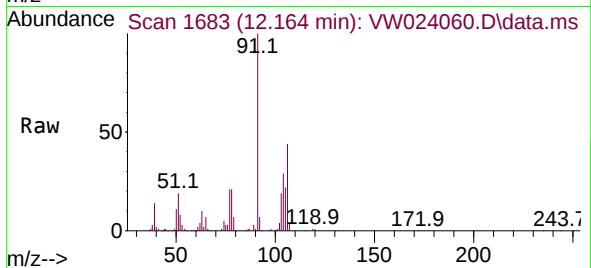




#54
o-Xylene
Concen: 4.335 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

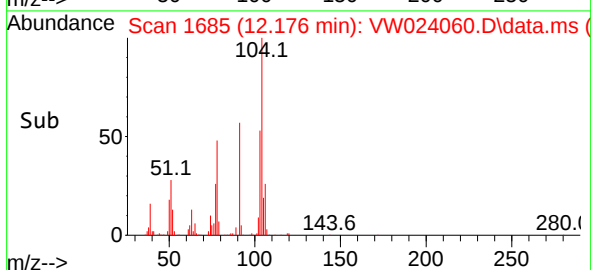
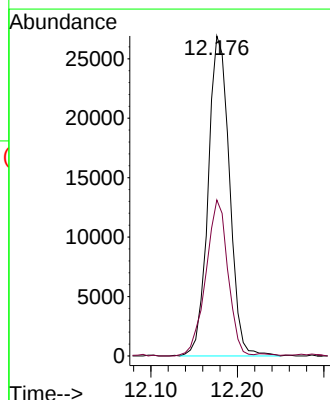
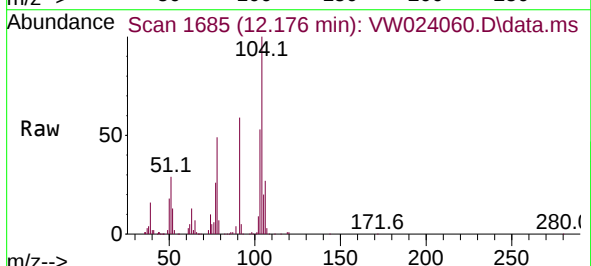
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

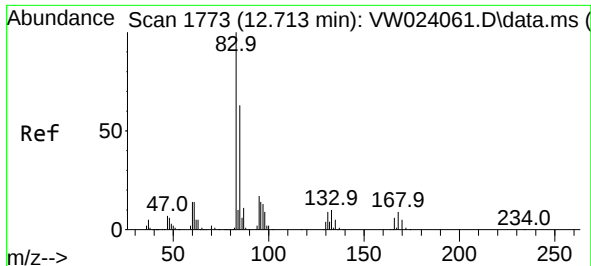
Tgt Ion:106 Resp: 24680
Ion Ratio Lower Upper
106 100
91 229.1 150.6 279.6



#55
Styrene
Concen: 4.509 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion:104 Resp: 45982
Ion Ratio Lower Upper
104 100
78 48.8 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.119 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

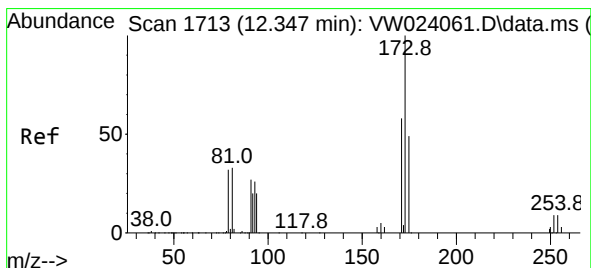
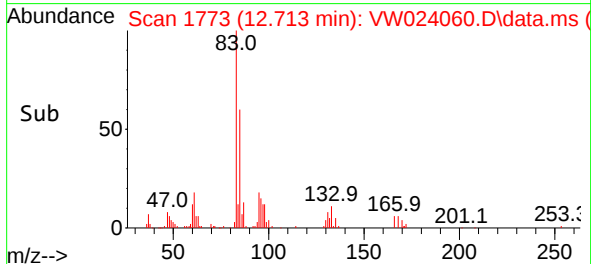
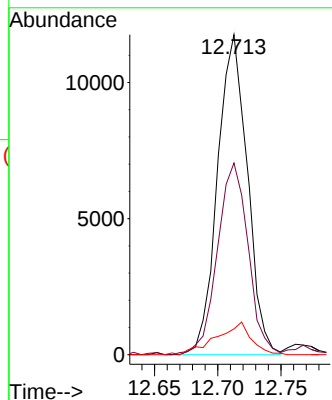
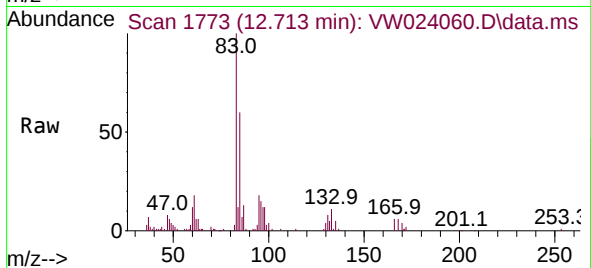
Tgt Ion: 83 Resp: 19278

Ion Ratio Lower Upper

83 100

85 59.9 44.4 82.5

131 8.0 7.5 11.3



#59

Bromoform

Concen: 4.867 ug/L

RT: 12.341 min Scan# 1712

Delta R.T. -0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

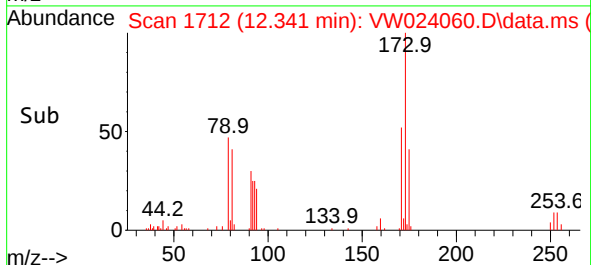
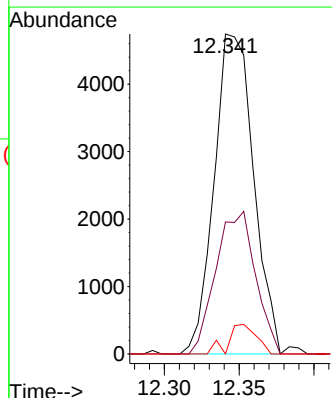
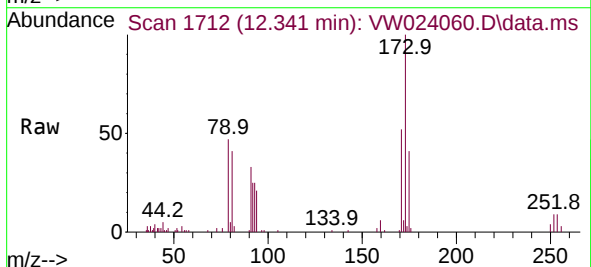
Tgt Ion:173 Resp: 8697

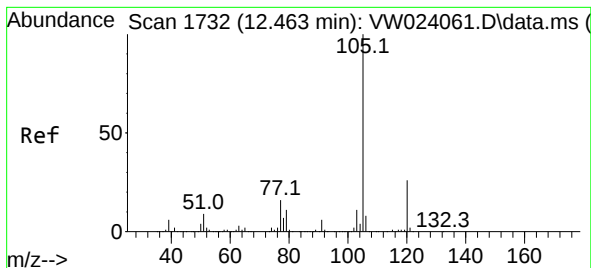
Ion Ratio Lower Upper

173 100

175 0.0 38.4 57.6#

254 0.9 7.0 10.4#





#60

Isopropylbenzene

Concen: 4.735 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

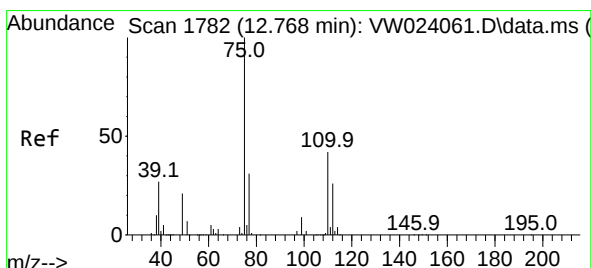
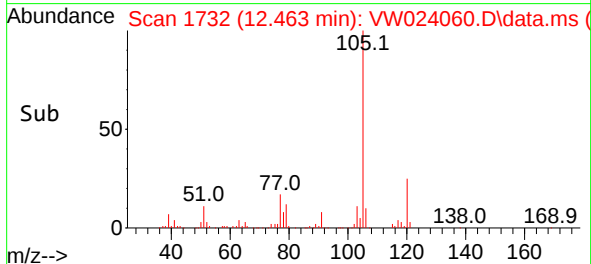
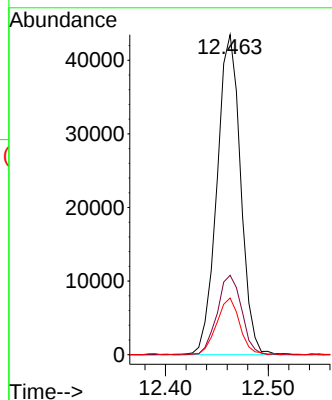
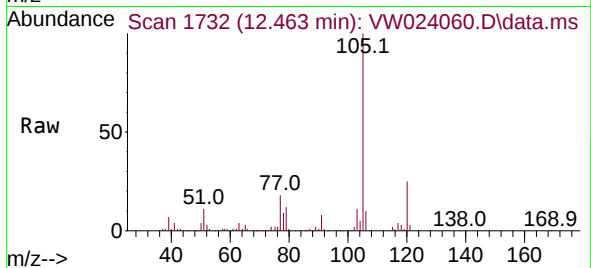
Tgt Ion:105 Resp: 69339

Ion Ratio Lower Upper

105 100

120 25.6 21.1 31.7

77 17.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.242 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

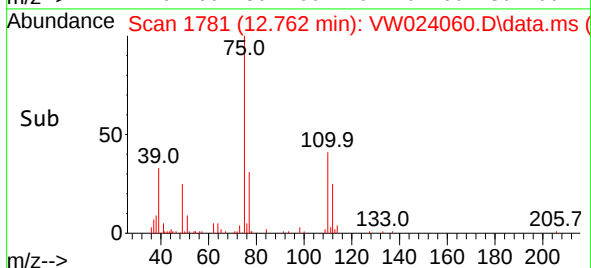
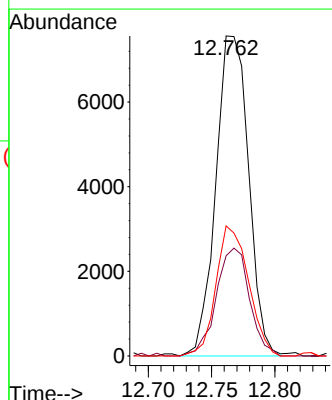
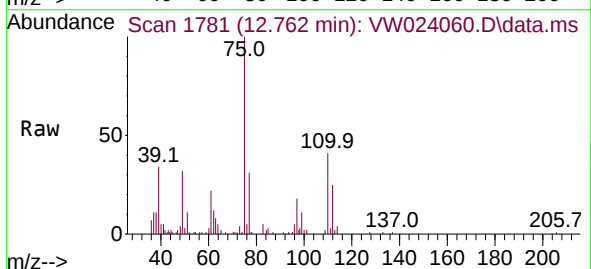
Tgt Ion: 75 Resp: 13622

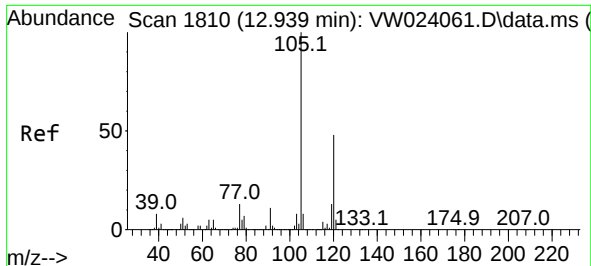
Ion Ratio Lower Upper

75 100

77 34.2 26.1 39.1

110 40.4 33.0 49.4

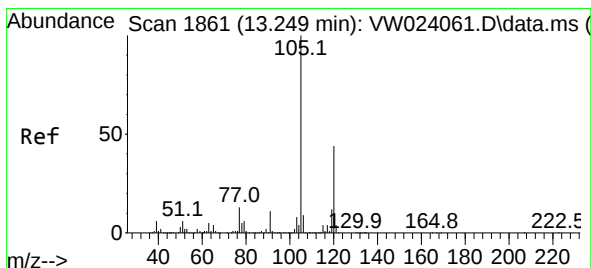
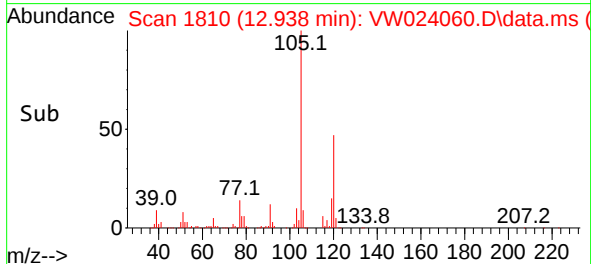
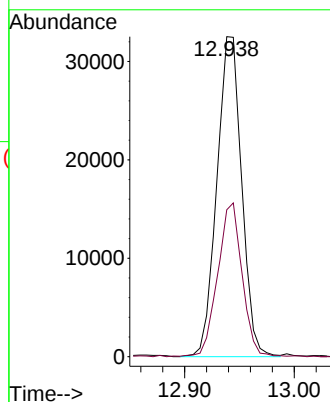
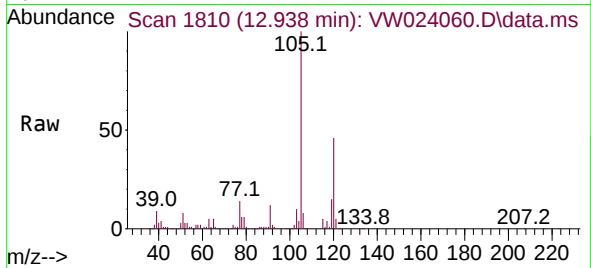




#62
1,3,5-Trimethylbenzene
Concen: 4.347 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

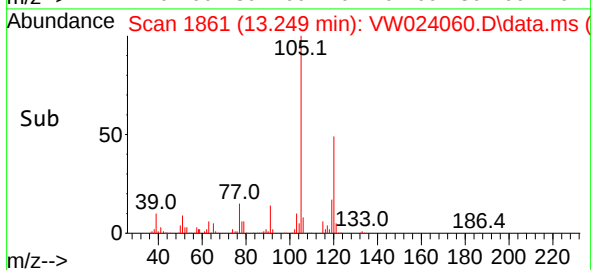
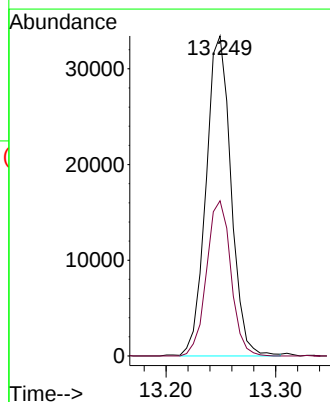
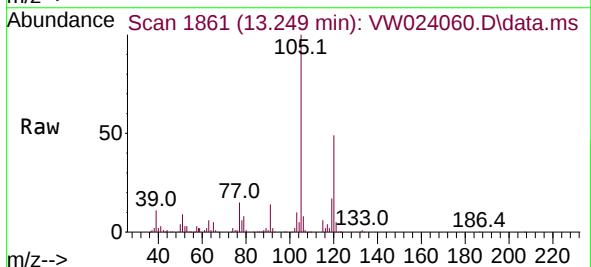
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

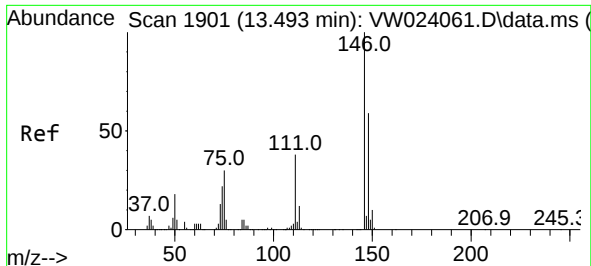
Tgt Ion:105 Resp: 51210
Ion Ratio Lower Upper
105 100
120 47.2 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.443 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion:105 Resp: 52981
Ion Ratio Lower Upper
105 100
120 47.2 36.1 54.1

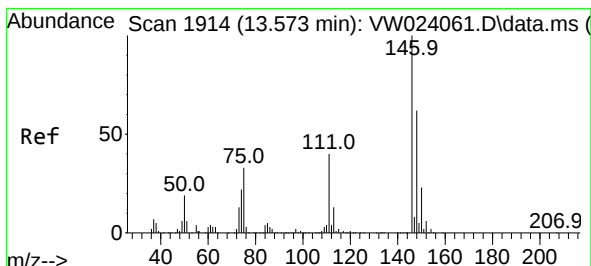
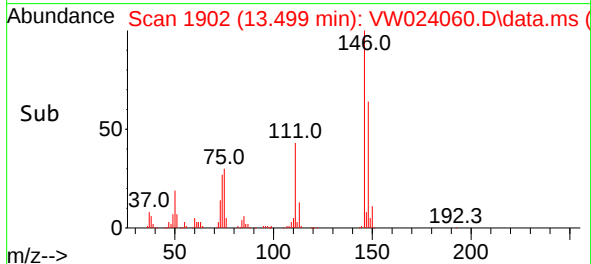
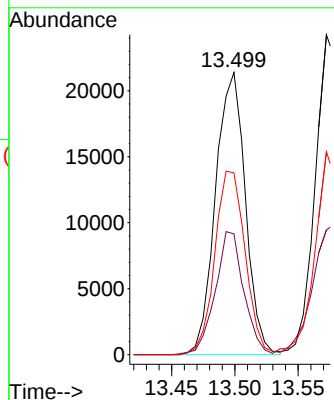
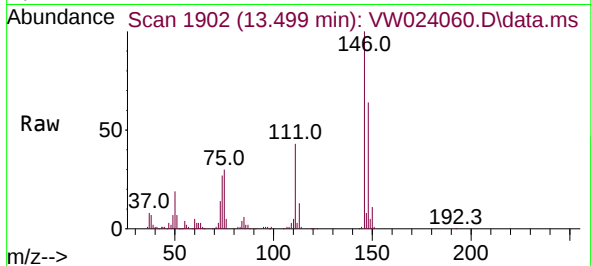




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

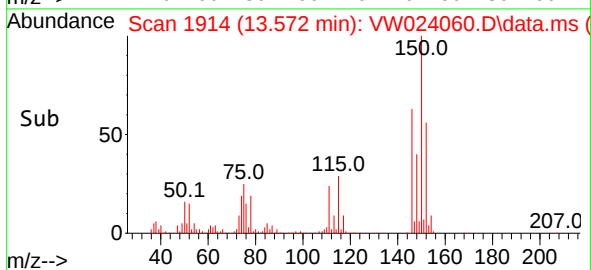
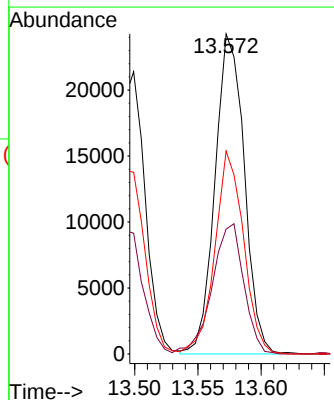
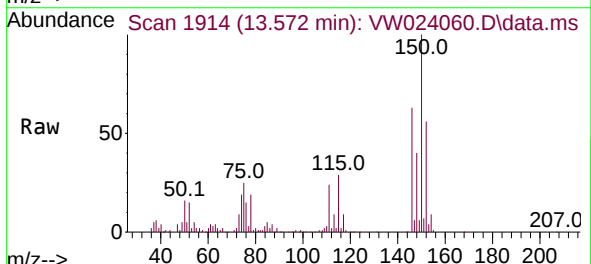
Instrument :
MSVOA_W
ClientSampleId :
VSTD005457

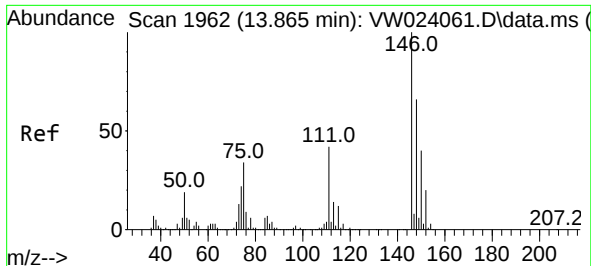
Tgt Ion:146 Resp: 35093
Ion Ratio Lower Upper
146 100
111 42.8 26.4 49.0
148 64.4 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 5.247 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024060.D
Acq: 25 Jul 2022 08:56

Tgt Ion:146 Resp: 39007
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.9
148 63.4 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 4.979 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

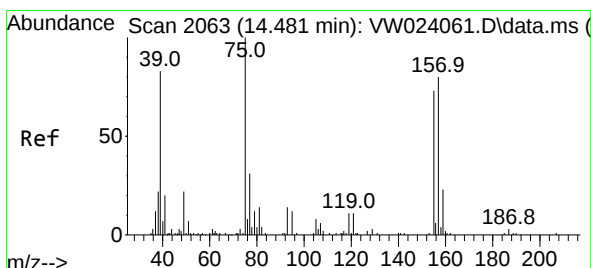
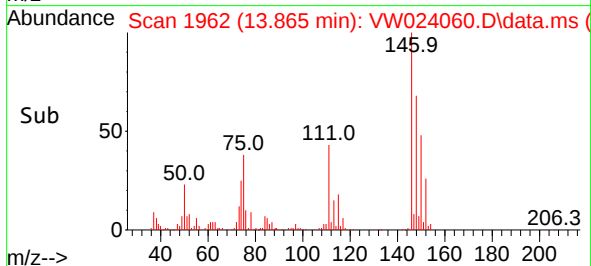
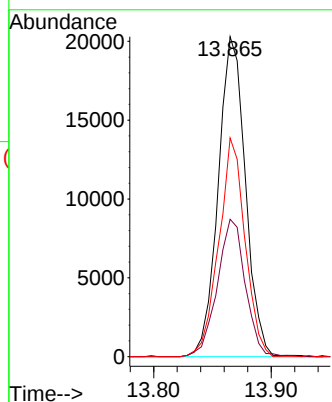
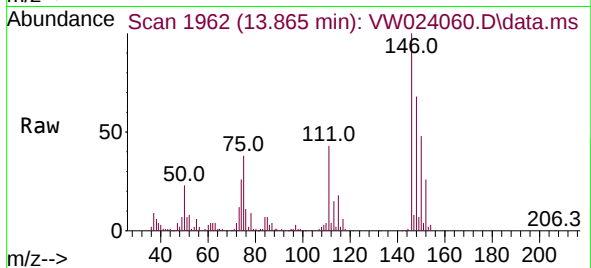
Tgt Ion:146 Resp: 32620

Ion Ratio Lower Upper

146 100

111 42.9 33.9 50.9

148 68.3 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.198 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

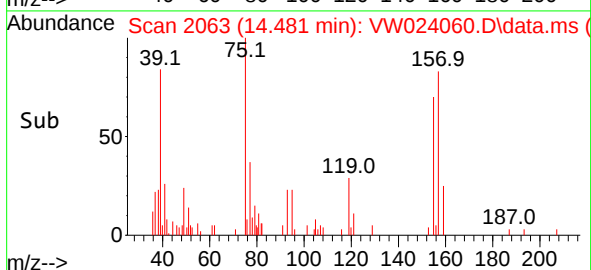
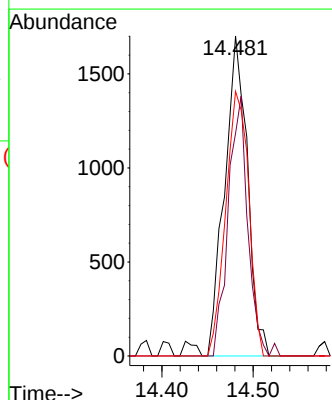
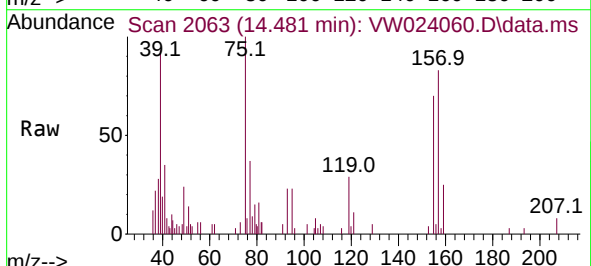
Tgt Ion: 75 Resp: 3018

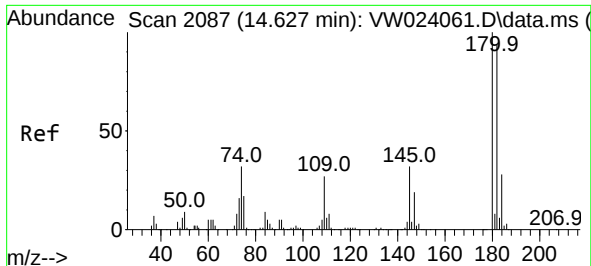
Ion Ratio Lower Upper

75 100

155 69.6 58.6 88.0

157 82.7 64.0 96.0





#69

1,3,5-Trichlorobenzene

Concen: 4.814 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

Tgt Ion:180 Resp: 21500

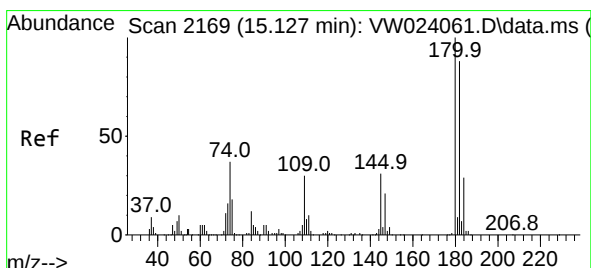
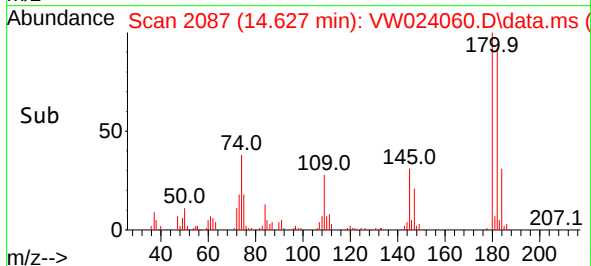
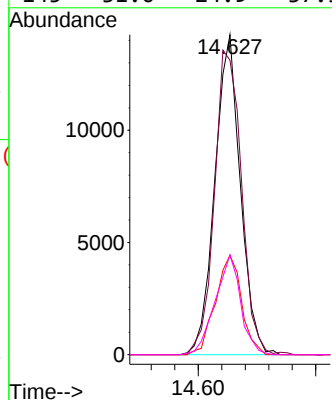
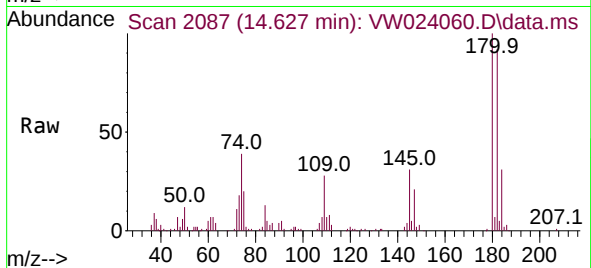
Ion Ratio Lower Upper

180 100

182 100.3 73.9 110.9

184 31.8 23.5 35.3

145 31.0 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 4.542 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

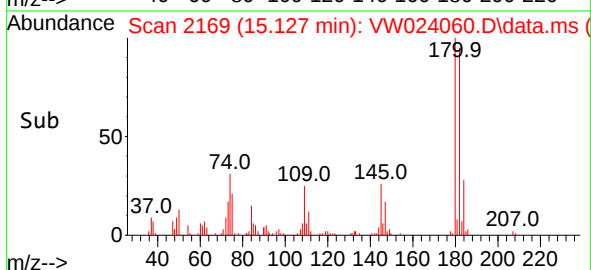
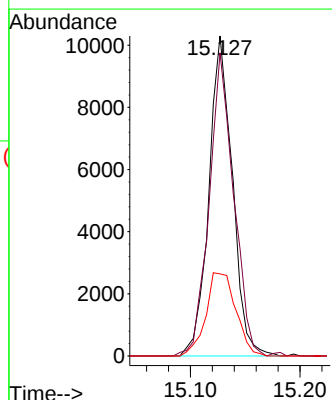
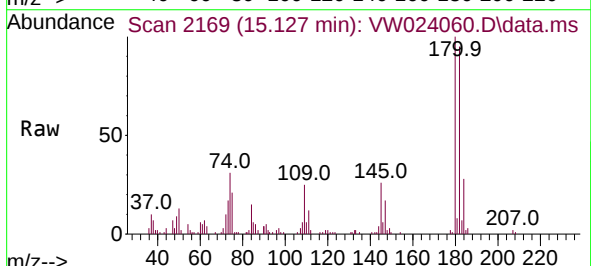
Tgt Ion:180 Resp: 15369

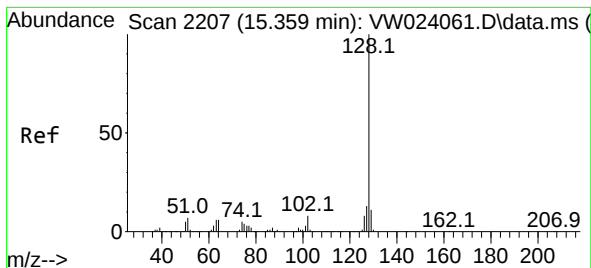
Ion Ratio Lower Upper

180 100

182 98.3 72.0 108.0

145 33.1 24.9 37.3





#71

Naphthalene

Concen: 3.943 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD005457

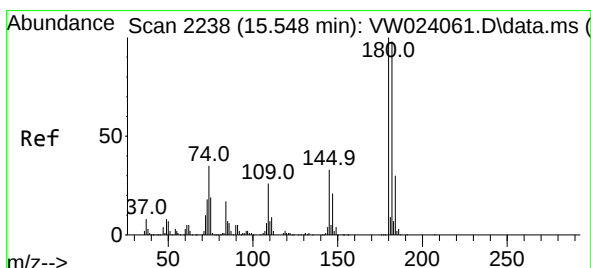
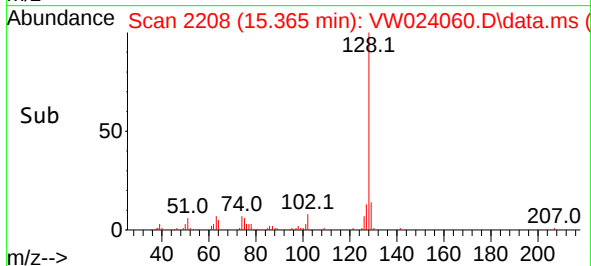
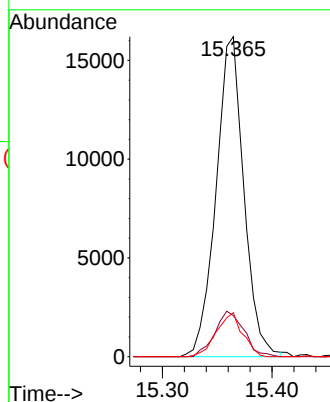
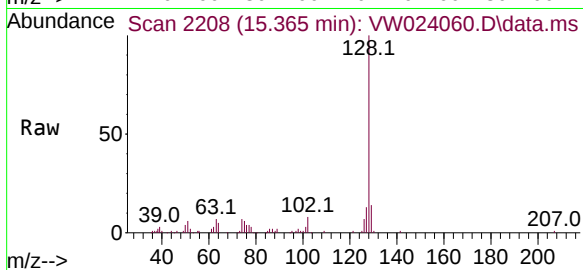
Tgt Ion:128 Resp: 28553

Ion Ratio Lower Upper

128 100

127 14.8 11.0 16.4

129 13.0 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 4.741 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024060.D

Acq: 25 Jul 2022 08:56

Tgt Ion:180 Resp: 15092

Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.8

145 34.3 27.6 41.4

