

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024633.D
 Acq On : 26 Sep 2022 10:19
 Operator : SY/VA
 Sample : VSTD00548
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

Quant Time: Sep 27 00:49:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	637420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	562607	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	270181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	21999	3.299	ug/L	0.00
7) Chloroethane-d5	2.891	69	19055	4.917	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	75780	4.909	ug/L	0.00
21) 2-Butanone-d5	7.092	46	25334	10.641	ug/L	0.01
24) Chloroform-d	7.653	84	86583	5.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	45097	5.102	ug/L	0.00
32) Benzene-d6	8.275	84	186649	5.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	55671	5.067	ug/L	0.00
41) Toluene-d8	10.323	98	170657	5.310	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	25499	5.211	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	18172	9.667	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40666	5.195	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	49615	5.219	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	17268	4.565	ug/L	97
3) Chloromethane	2.215	50	33629	4.413	ug/L	100
5) Vinyl chloride	2.367	62	25623	3.270	ug/L	97
6) Bromomethane	2.776	94	16899	4.673	ug/L	99
8) Chloroethane	2.922	64	15711	4.756	ug/L	96
9) Trichlorofluoromethane	3.263	101	22472	5.126	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39400	4.712	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	38253	4.565	ug/L	96
13) Acetone	4.135	43	18755	10.690	ug/L	100
14) Carbon disulfide	4.385	76	104668	3.976	ug/L	99
15) Methyl Acetate	4.684	43	18992	4.824	ug/L	92
16) Methylene chloride	4.922	84	70101	5.600	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	47341	5.061	ug/L	91
18) Methyl tert-butyl Ether	5.434	73	73702	4.966	ug/L	98
19) 1,1-Dichloroethane	6.220	63	87549	4.995	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	49822	4.957	ug/L #	94
22) 2-Butanone	7.177	43	31266	11.164	ug/L	94
23) Bromochloromethane	7.513	128	19904	4.872	ug/L	92
25) Chloroform	7.683	83	82440	4.960	ug/L	97
27) 1,2-Dichloroethane	8.403	62	52959	5.063	ug/L	99
29) Cyclohexane	7.958	56	86436	4.930	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	68776	5.052	ug/L	100
31) Carbon tetrachloride	8.073	117	58216	5.050	ug/L	98
33) Benzene	8.323	78	199368	5.063	ug/L	100
34) Trichloroethene	9.091	95	49762	4.986	ug/L	96
35) Methylcyclohexane	9.335	83	94165	5.147	ug/L	99
37) 1,2-Dichloropropane	9.366	63	47482	4.884	ug/L	99
38) Bromodichloromethane	9.646	83	58493	4.892	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	76163	4.954	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	55901	9.715	ug/L	100
42) Toluene	10.384	91	204214	5.022	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	63521	4.820	ug/L	93

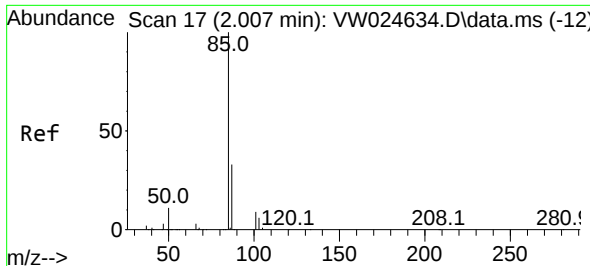
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
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Quant Time: Sep 27 00:49:43 2022
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 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	32965	4.965	ug/L	96
46) Tetrachloroethene	10.859	164	33667	4.965	ug/L	88
48) 2-Hexanone	10.969	43	36648	9.419	ug/L	98
49) Dibromochloromethane	11.128	129	36249	4.848	ug/L	87
50) 1,2-Dibromoethane	11.237	107	31141	4.955	ug/L #	95
51) Chlorobenzene	11.658	112	121285	4.871	ug/L	98
52) Ethylbenzene	11.725	91	226007	5.046	ug/L	96
53) m,p-Xylene	11.835	106	88749	5.074	ug/L	90
54) o-Xylene	12.164	106	83733	5.070	ug/L	97
55) Styrene	12.176	104	138261	4.966	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	38167	4.909	ug/L	97
59) Bromoform	12.347	173	19135	5.010	ug/L	97
60) Isopropylbenzene	12.463	105	223273	5.070	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28598	4.914	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	192733	5.036	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	191276	5.101	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	86675	4.845	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	88945	5.107	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	80134	5.143	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6829	4.962	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	60226	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	50077	5.018	ug/L	98
71) Naphthalene	15.359	128	104063	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	42606	5.017	ug/L	95

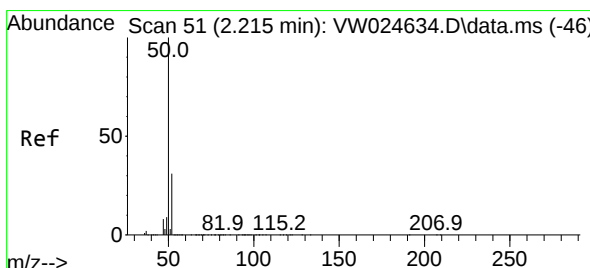
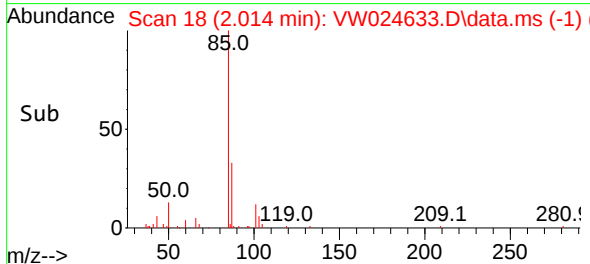
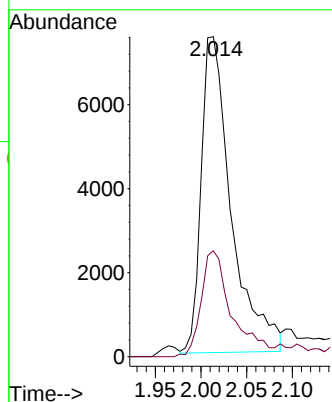
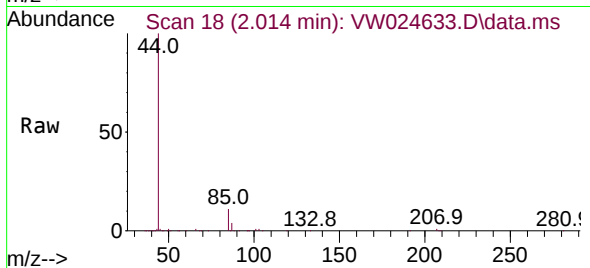
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.565 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

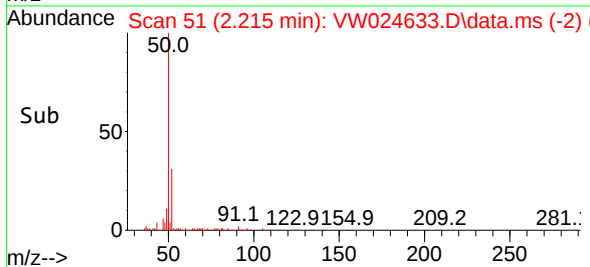
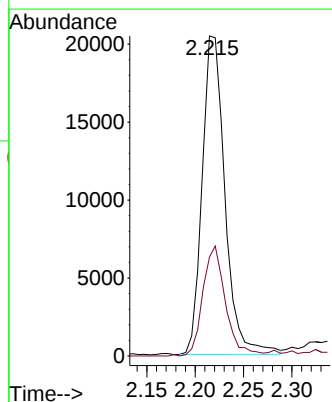
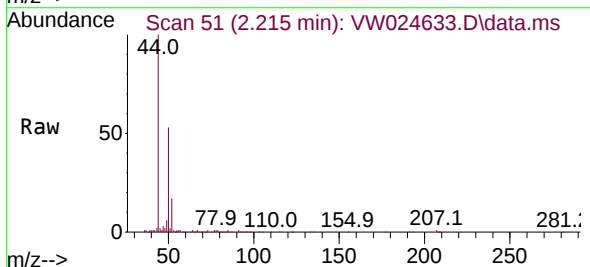
Instrument :
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 ClientSampleId :
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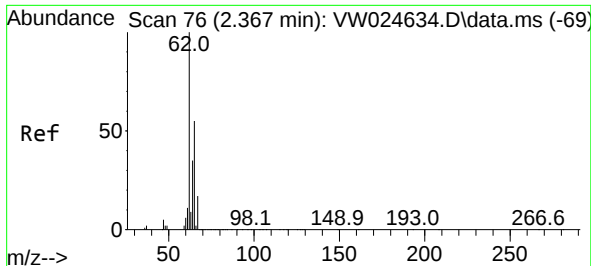
Tgt Ion: 85 Resp: 17268
 Ion Ratio Lower Upper
 85 100
 87 34.1 28.8 43.2



#3
 Chloromethane
 Concen: 4.413 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

Tgt Ion: 50 Resp: 33629
 Ion Ratio Lower Upper
 50 100
 52 30.9 21.7 40.3

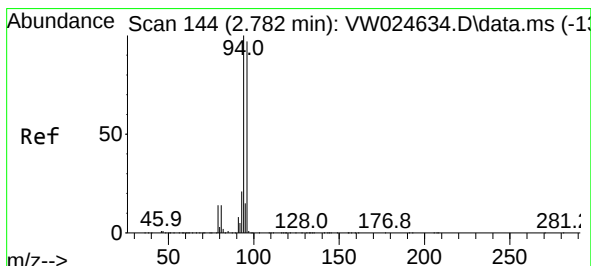
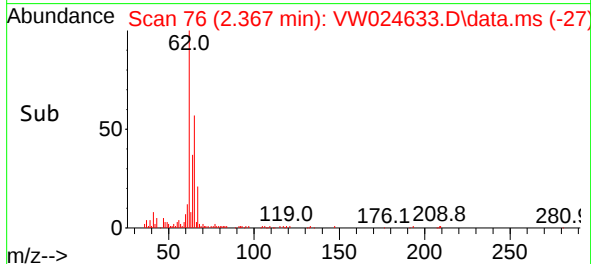
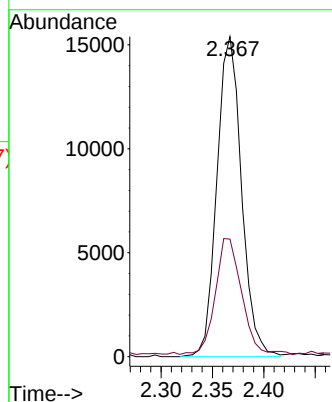
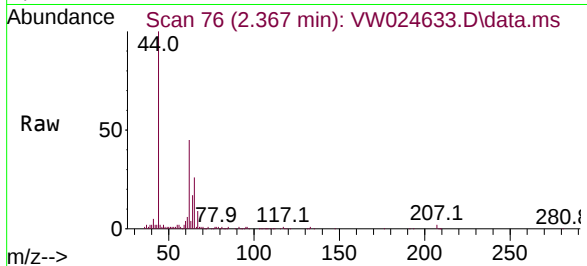




#5
 Vinyl chloride
 Concen: 3.270 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

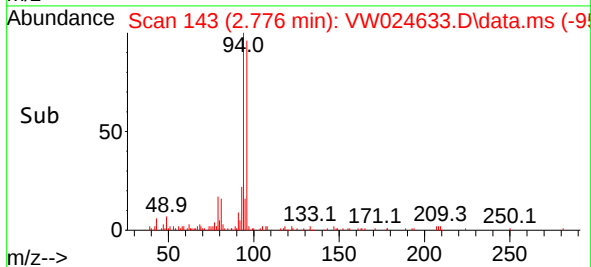
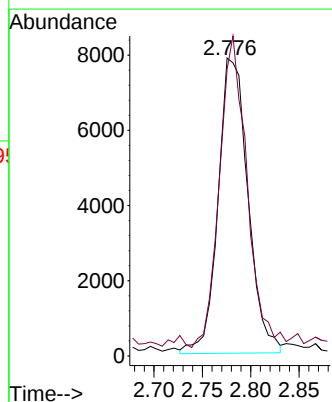
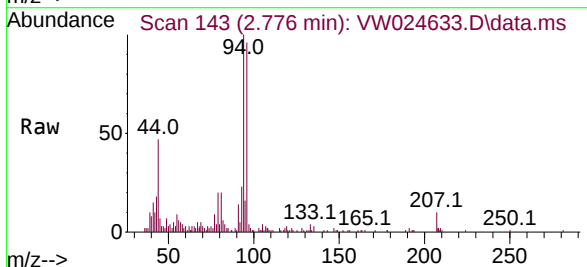
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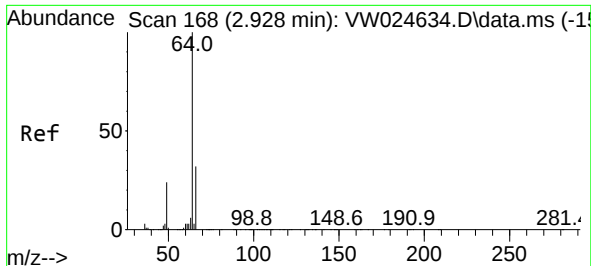
Tgt Ion: 62 Resp: 25623
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.4 45.2



#6
 Bromomethane
 Concen: 4.673 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

Tgt Ion: 94 Resp: 16899
 Ion Ratio Lower Upper
 94 100
 96 96.2 68.0 126.2

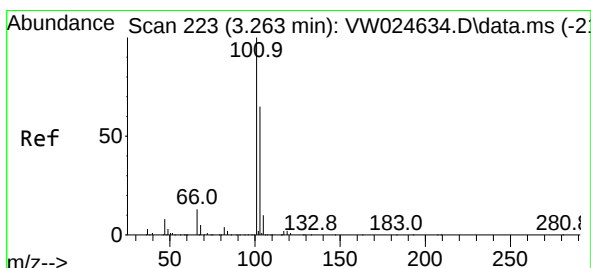
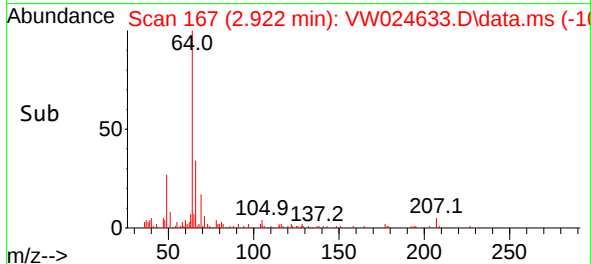
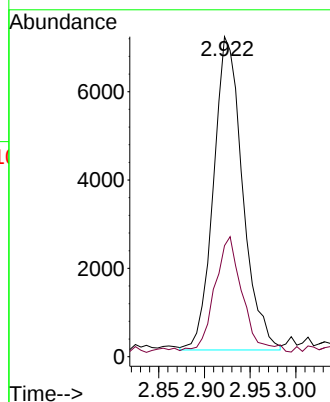
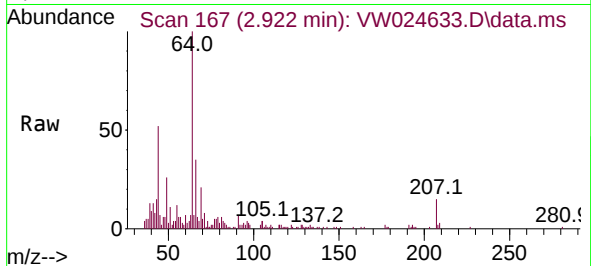




#8
Chloroethane
Concen: 4.756 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

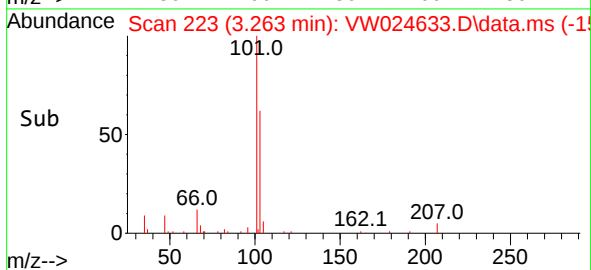
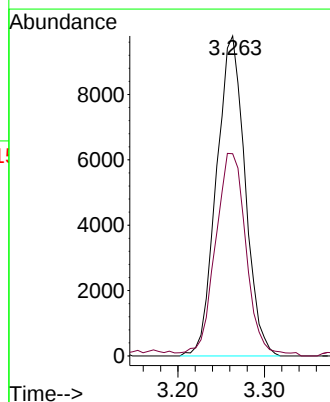
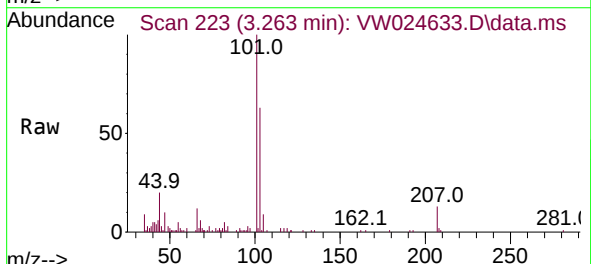
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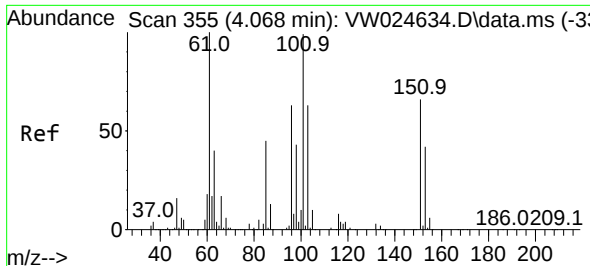
Tgt Ion: 64 Resp: 15711
Ion Ratio Lower Upper
64 100
66 34.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.126 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 101 Resp: 22472
Ion Ratio Lower Upper
101 100
103 68.0 53.4 80.2

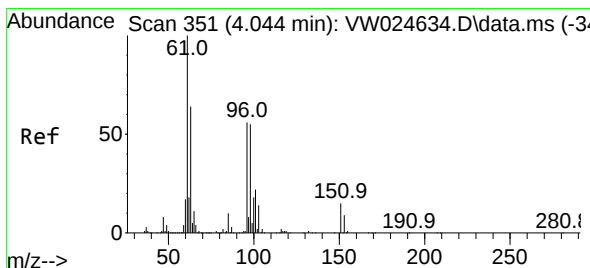
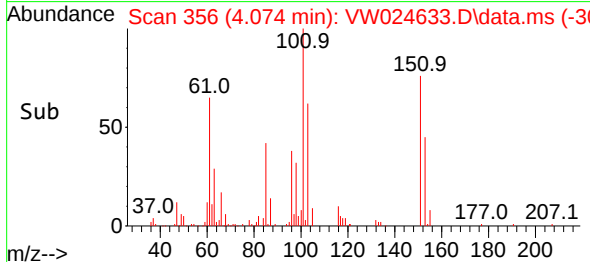
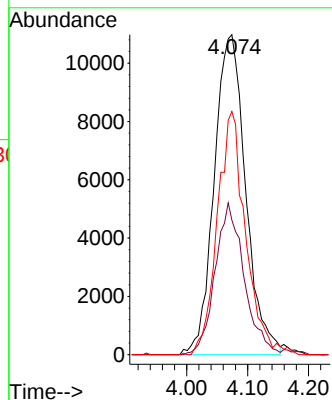
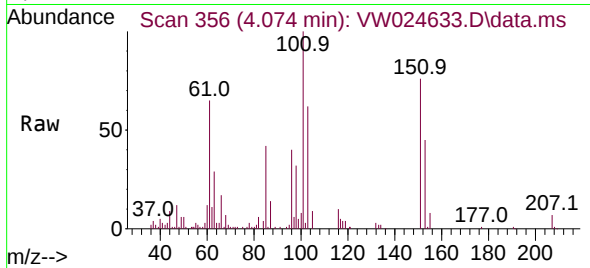




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.712 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

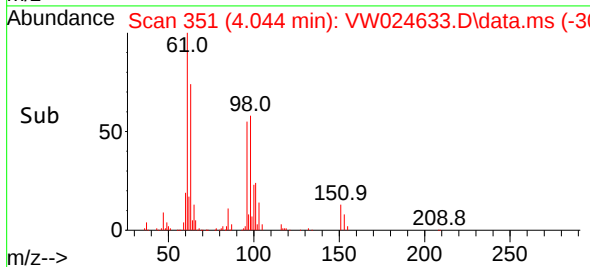
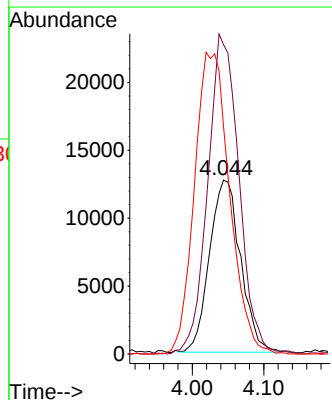
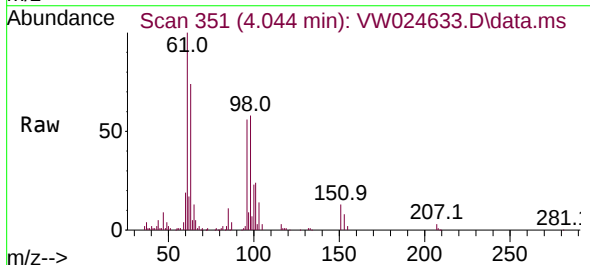
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 ClientSampleId :
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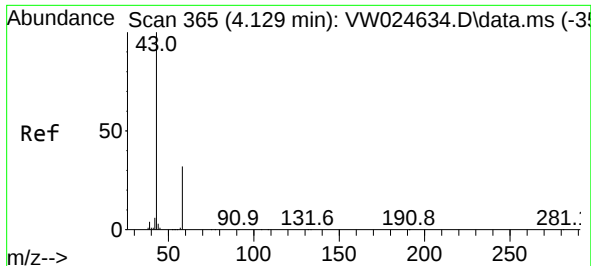
Tgt Ion: 101 Resp: 39400
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 67.3 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 4.565 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

Tgt Ion: 96 Resp: 38253
 Ion Ratio Lower Upper
 96 100
 61 177.9 124.5 231.1
 63 130.8 84.1 156.1

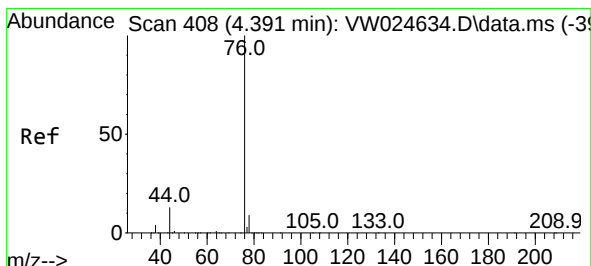
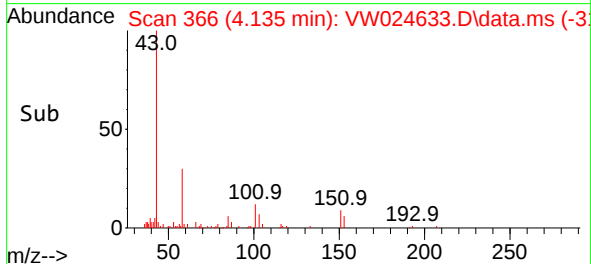
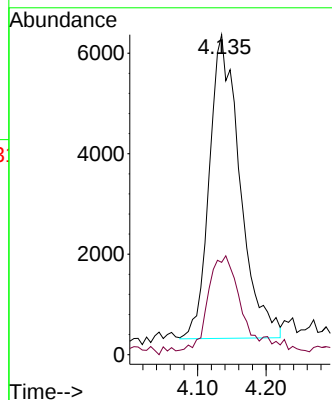
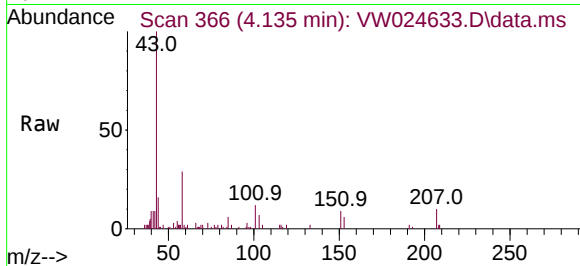




#13
Acetone
Concen: 10.690 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW024633.D
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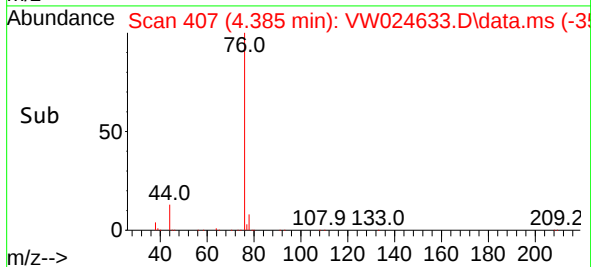
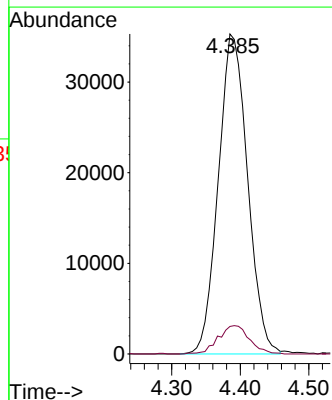
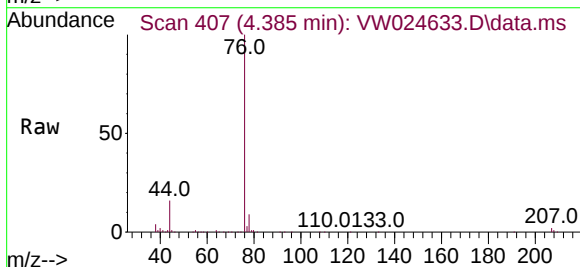
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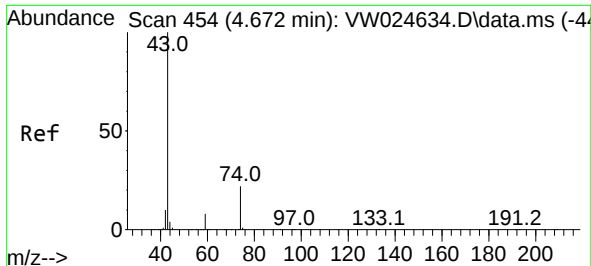
Tgt Ion: 43 Resp: 18755
Ion Ratio Lower Upper
43 100
58 33.6 0.0 67.6



#14
Carbon disulfide
Concen: 3.976 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 76 Resp: 104668
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

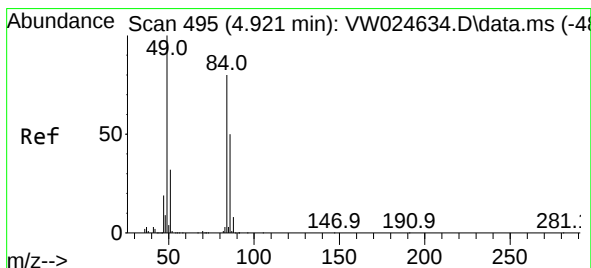
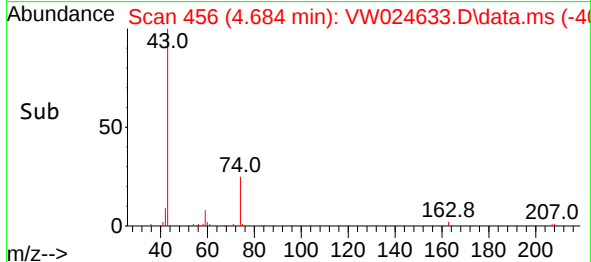
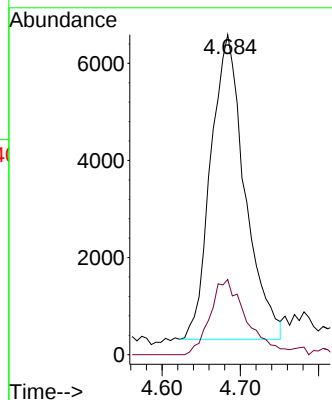
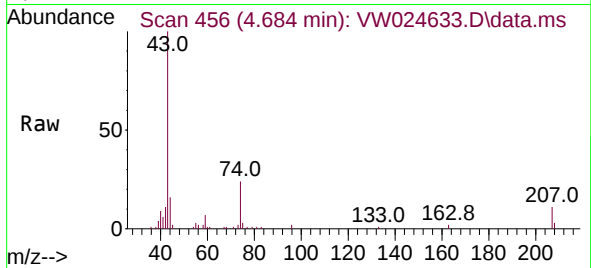




#15
Methyl Acetate
Concen: 4.824 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

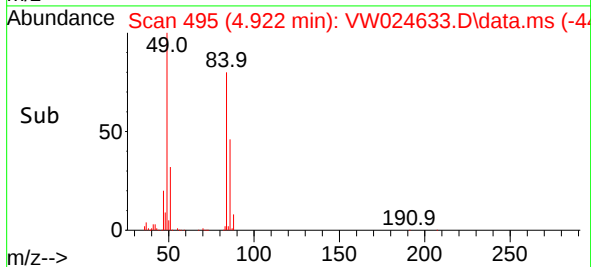
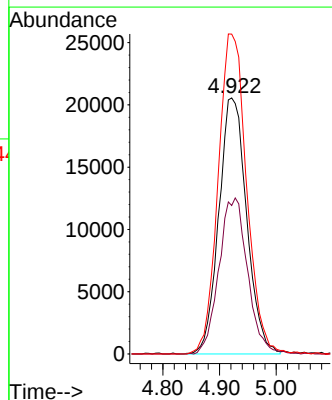
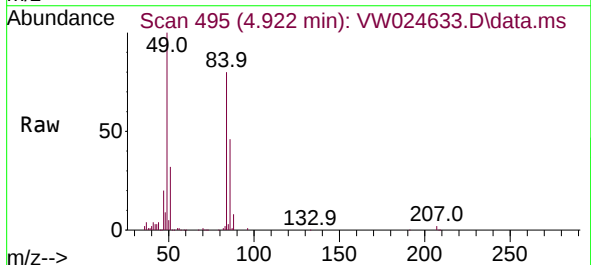
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ClientSampleId :
VSTD005448

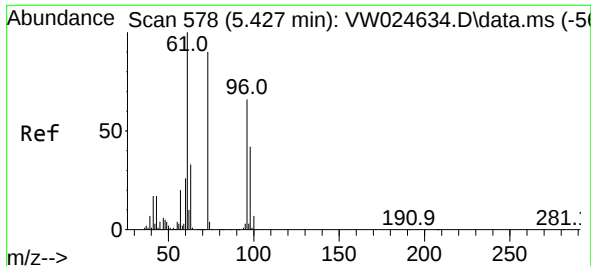
Tgt Ion: 43 Resp: 18992
Ion Ratio Lower Upper
43 100
74 26.3 18.1 27.1



#16
Methylene chloride
Concen: 5.600 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 84 Resp: 70101
Ion Ratio Lower Upper
84 100
86 58.0 44.0 81.8
49 124.9 87.4 162.2

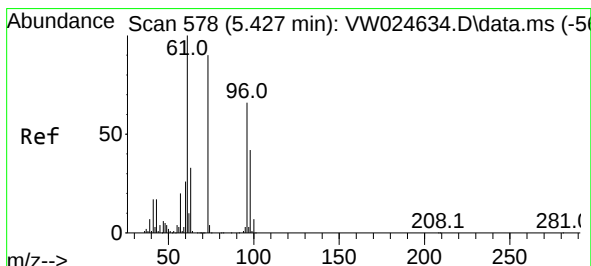
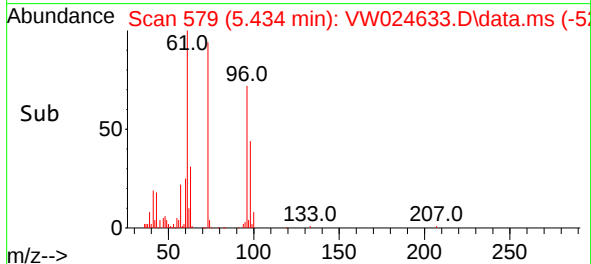
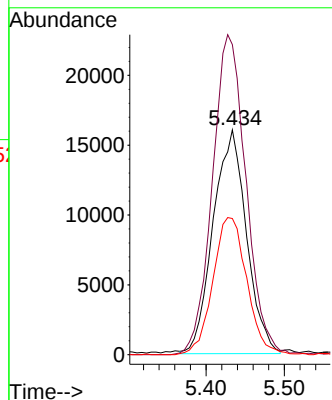
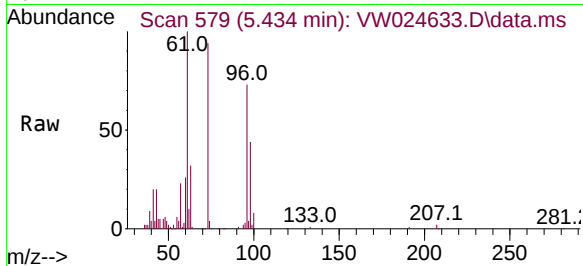




#17
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

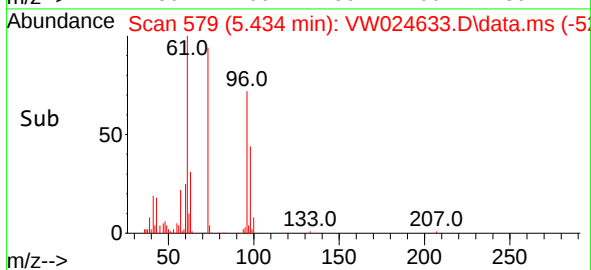
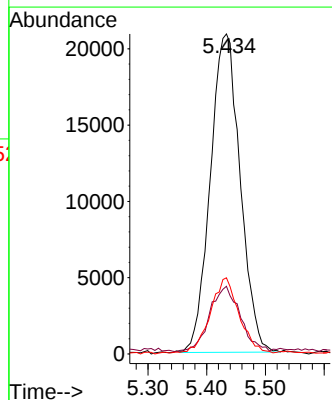
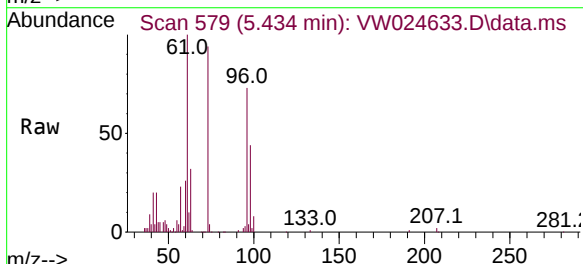
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

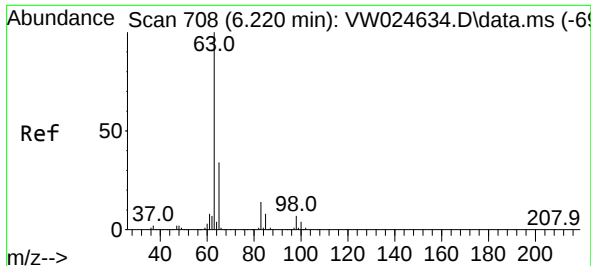
Tgt Ion: 96 Resp: 47341
Ion Ratio Lower Upper
96 100
61 137.9 106.3 197.5
98 60.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 4.966 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 73 Resp: 73702
Ion Ratio Lower Upper
73 100
43 21.1 15.6 23.4
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 4.995 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

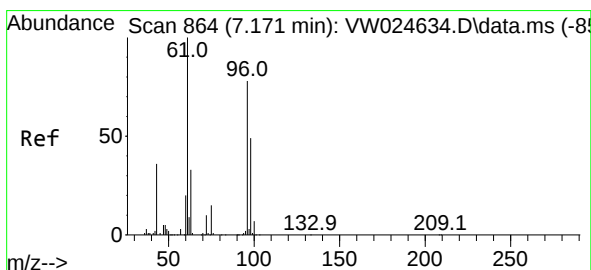
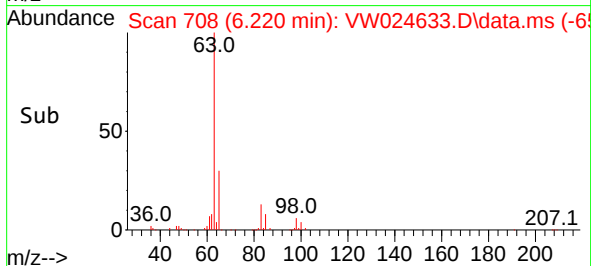
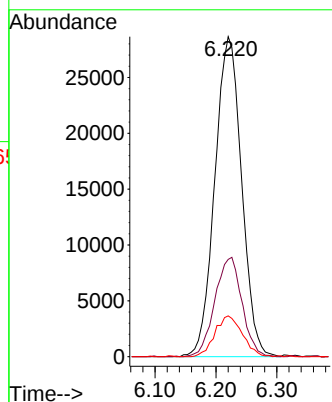
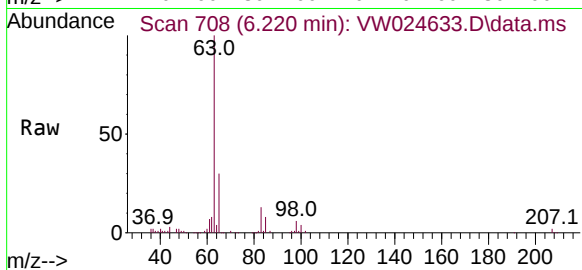
Tgt Ion: 63 Resp: 87549

Ion Ratio Lower Upper

63 100

65 30.4 23.7 43.9

83 12.7 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 4.957 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

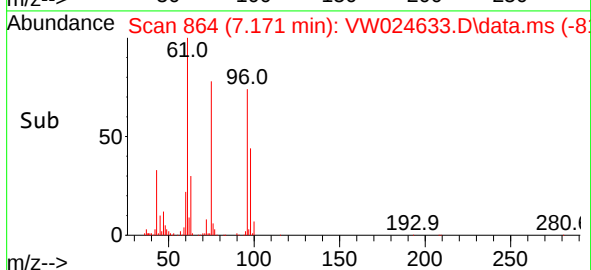
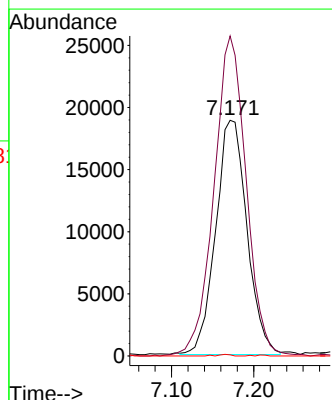
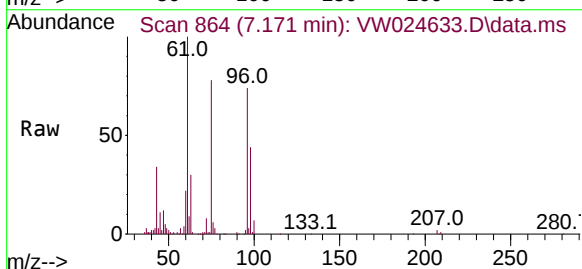
Tgt Ion: 96 Resp: 49822

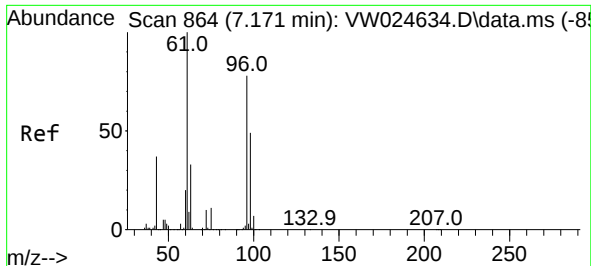
Ion Ratio Lower Upper

96 100

61 135.8 90.2 167.4

68 0.5 0.0 0.0#

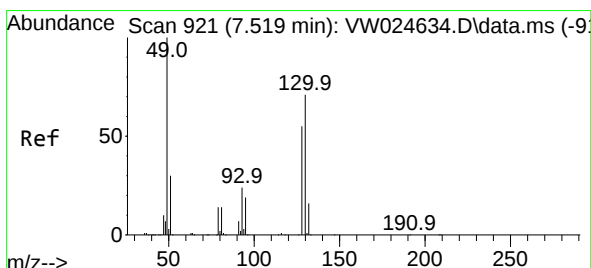
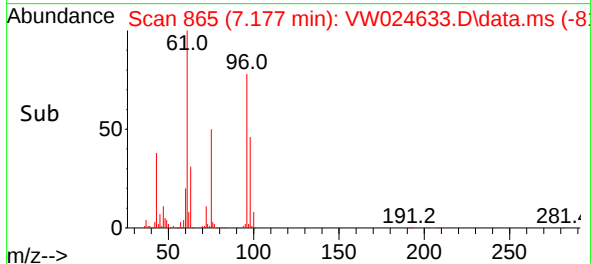
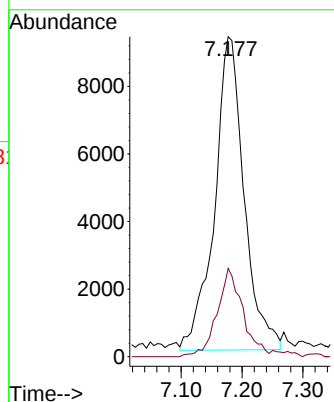
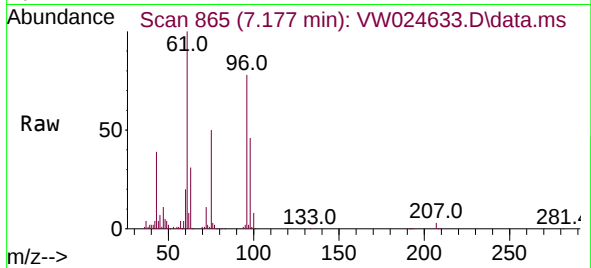




#22
2-Butanone
Concen: 11.164 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

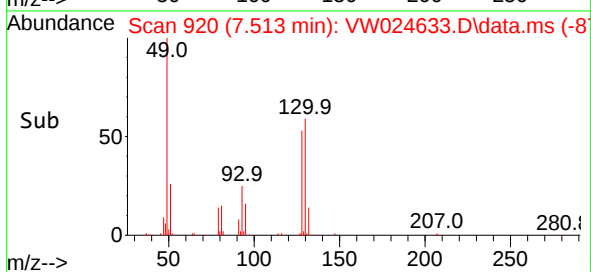
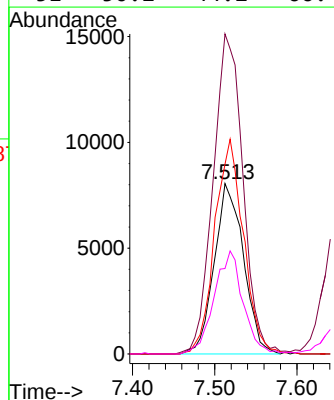
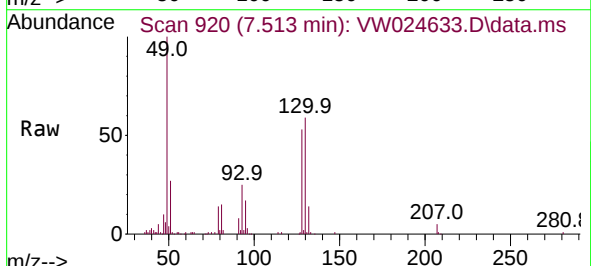
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

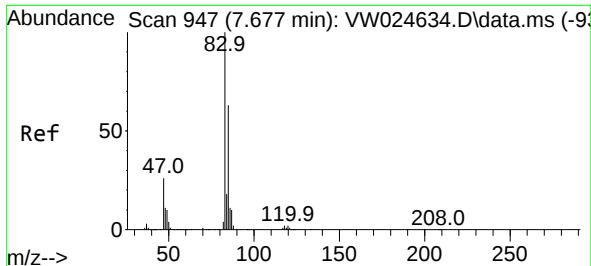
Tgt Ion: 43 Resp: 31266
Ion Ratio Lower Upper
43 100
72 24.4 13.8 41.3



#23
Bromochloromethane
Concen: 4.872 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 128 Resp: 19904
Ion Ratio Lower Upper
128 100
49 187.8 127.3 236.3
130 111.3 90.2 167.4
51 50.2 44.2 66.4

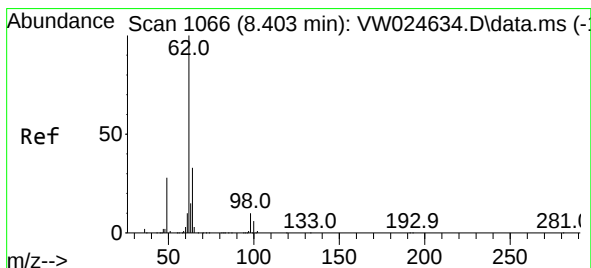
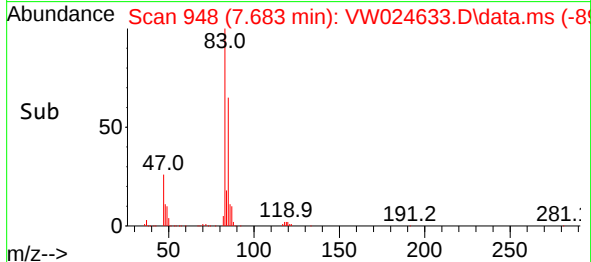
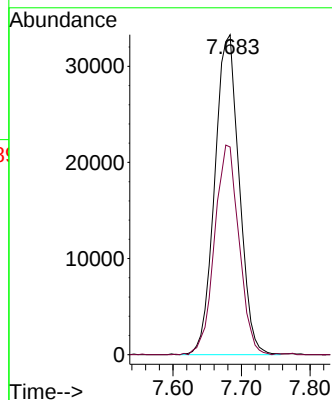
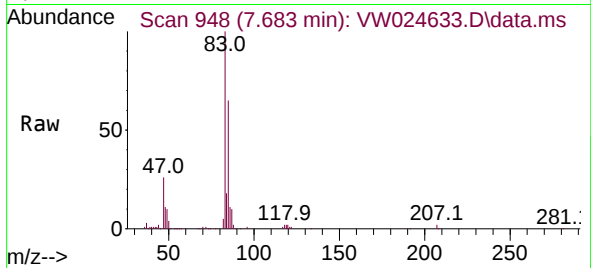




#25
Chloroform
Concen: 4.960 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

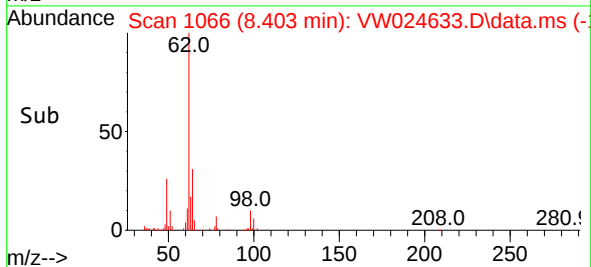
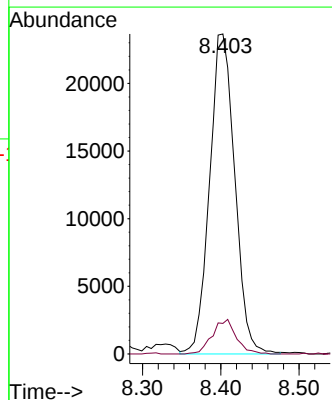
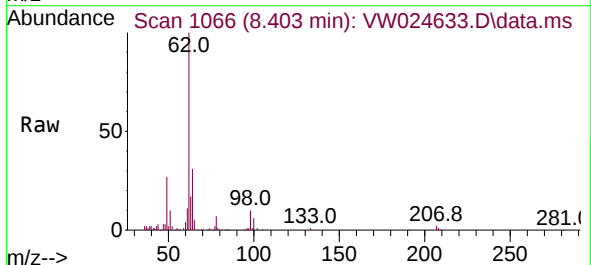
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

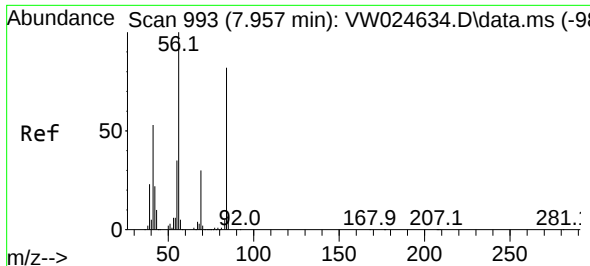
Tgt Ion: 83 Resp: 82440
Ion Ratio Lower Upper
83 100
85 64.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 5.063 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 62 Resp: 52959
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8

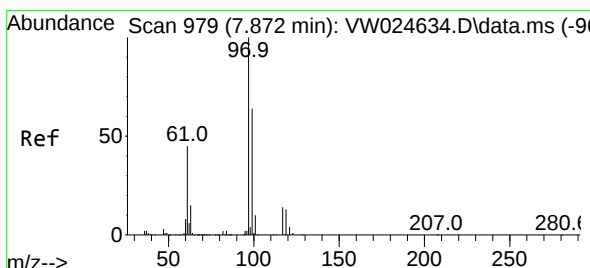
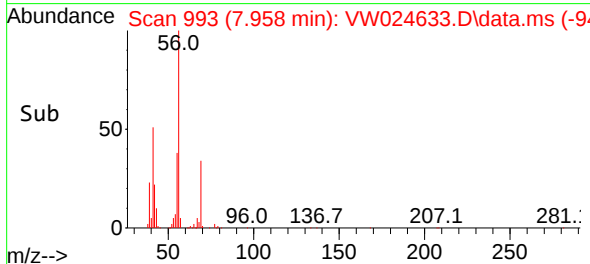
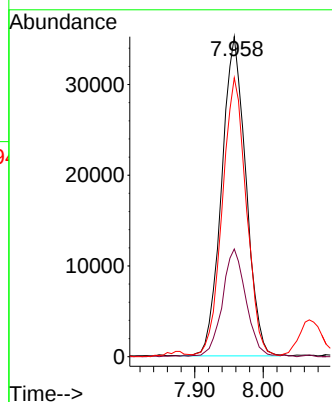
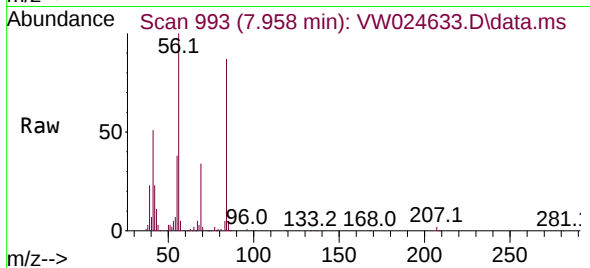




#29
Cyclohexane
Concen: 4.930 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

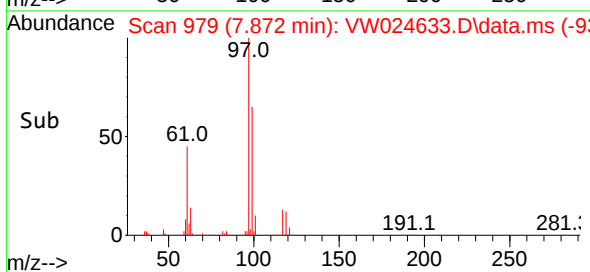
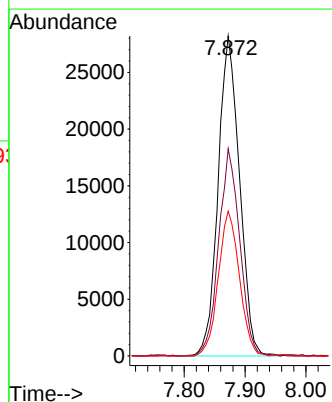
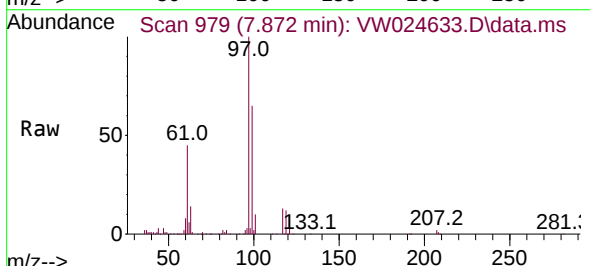
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

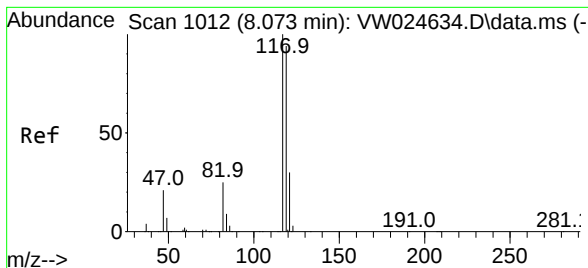
Tgt Ion: 56 Resp: 86436
Ion Ratio Lower Upper
56 100
69 32.9 25.0 37.4
84 87.0 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 5.052 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 97 Resp: 68776
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 44.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 5.050 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

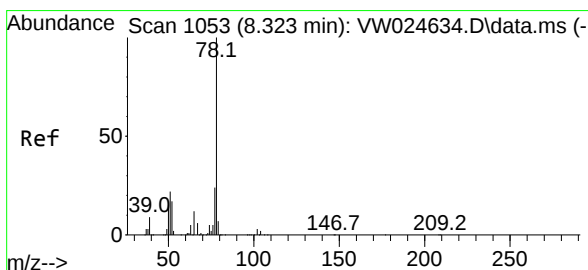
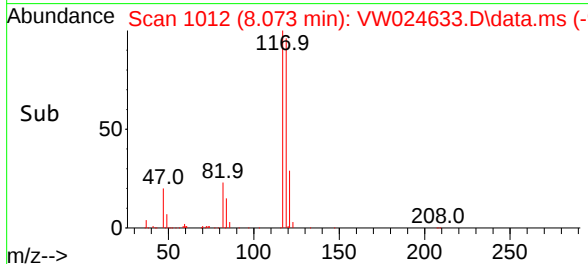
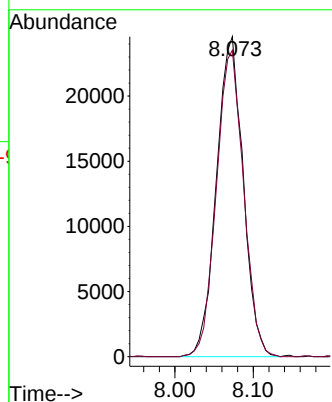
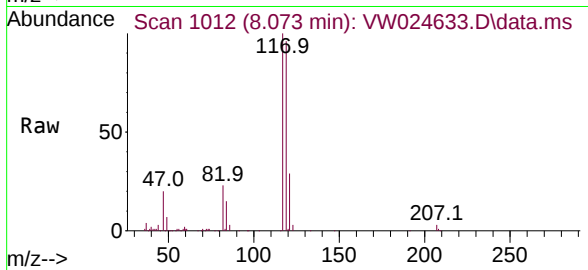
VSTD005448

Tgt Ion:117 Resp: 58216

Ion Ratio Lower Upper

117 100

119 97.2 76.2 114.2



#33

Benzene

Concen: 5.063 ug/L

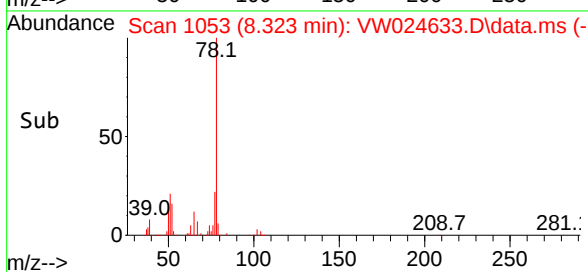
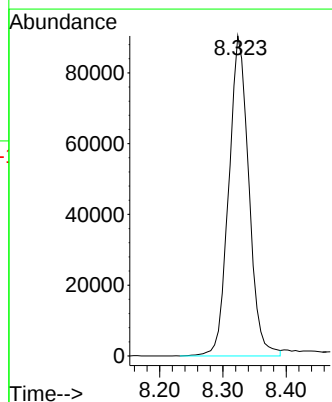
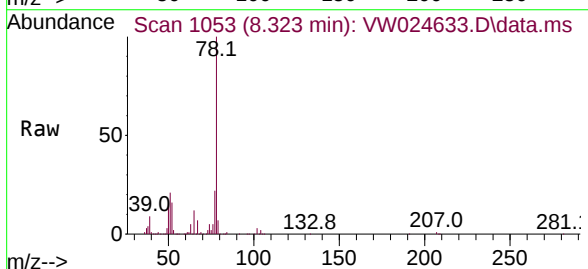
RT: 8.323 min Scan# 1053

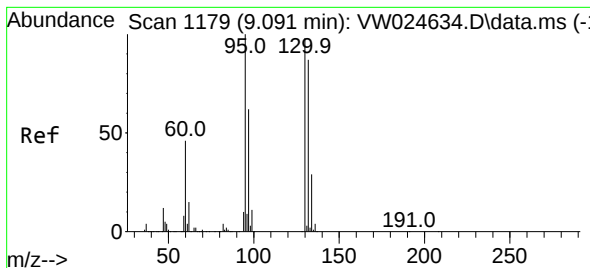
Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Tgt Ion: 78 Resp: 199368





#34

Trichloroethene

Concen: 4.986 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

Tgt Ion: 95 Resp: 49762

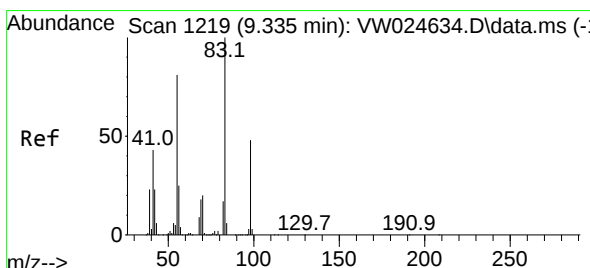
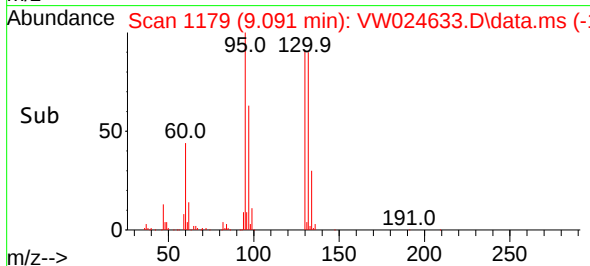
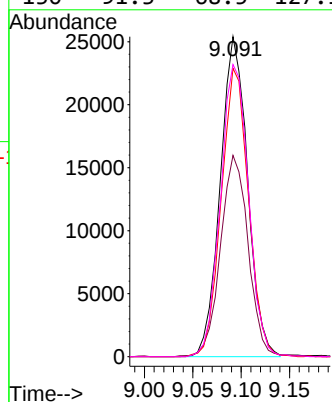
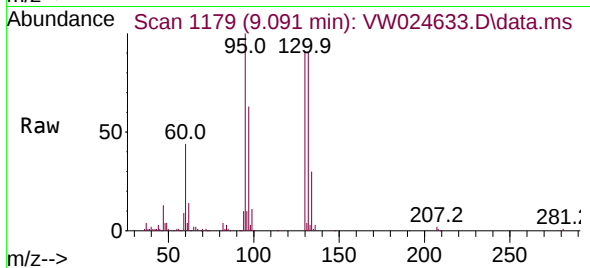
Ion Ratio Lower Upper

95 100

97 62.9 43.5 80.9

132 90.1 61.2 113.8

130 91.3 68.5 127.1



#35

Methylcyclohexane

Concen: 5.147 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

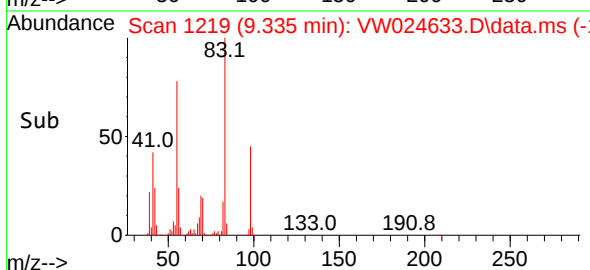
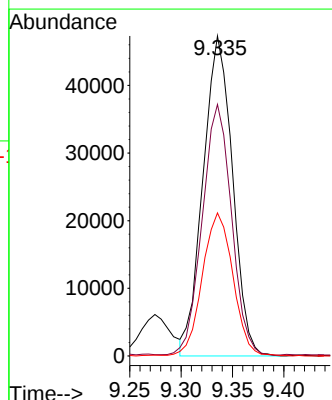
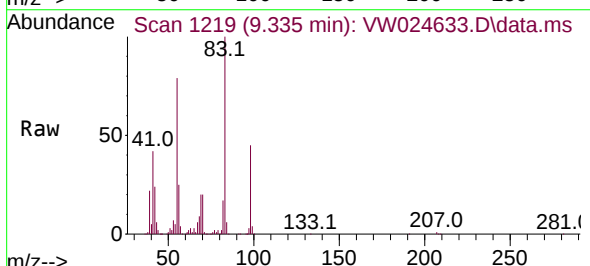
Tgt Ion: 83 Resp: 94165

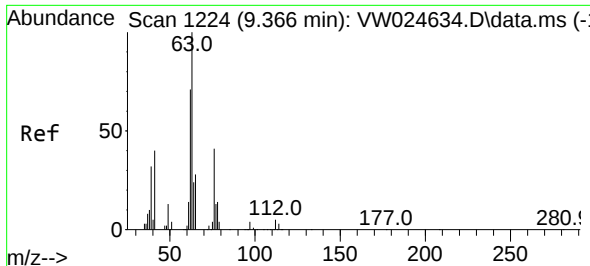
Ion Ratio Lower Upper

83 100

55 78.3 63.1 94.7

98 46.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.884 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

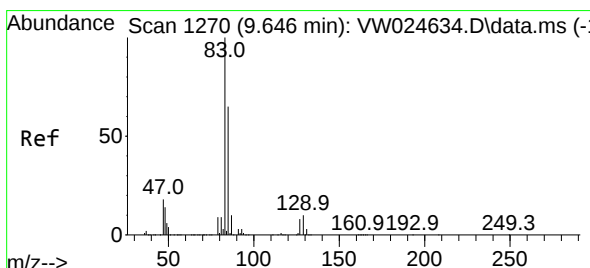
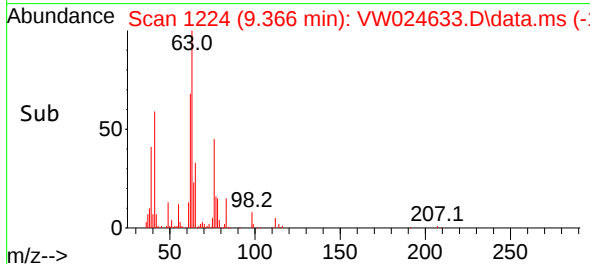
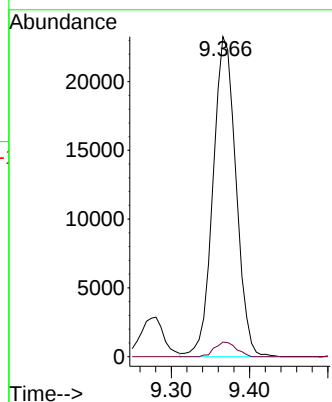
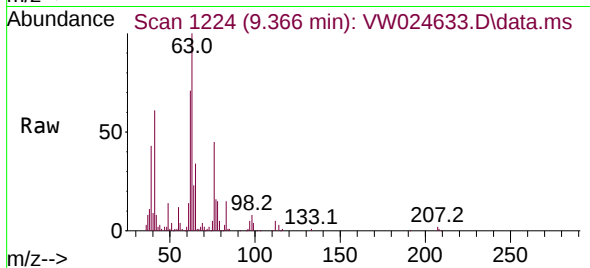
VSTD005448

Tgt Ion: 63 Resp: 47482

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 4.892 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

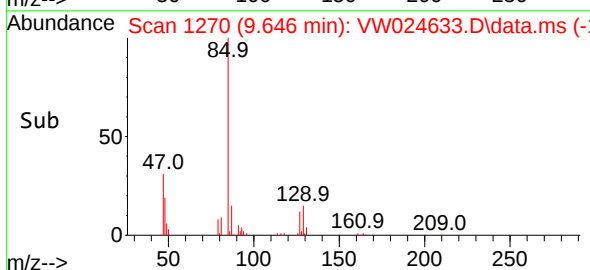
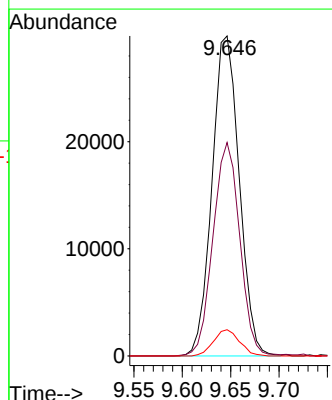
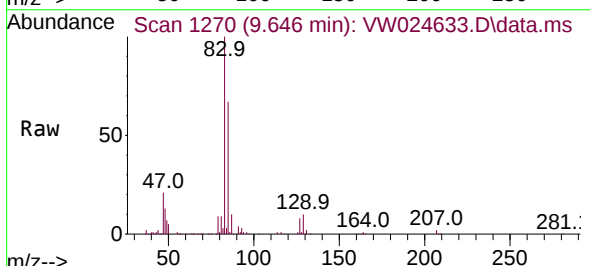
Tgt Ion: 83 Resp: 58493

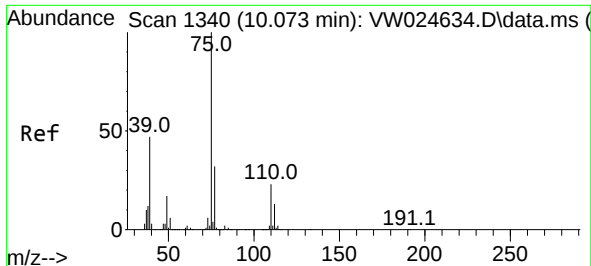
Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.8

127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.954 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

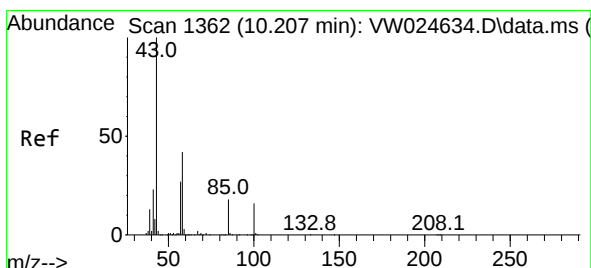
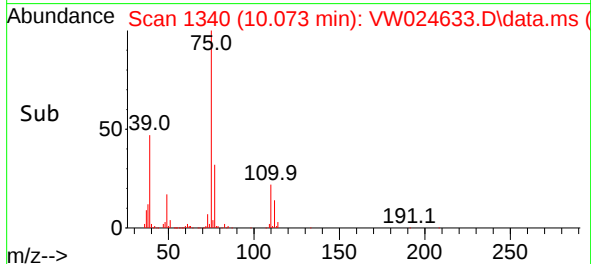
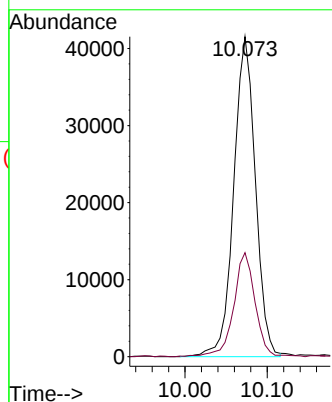
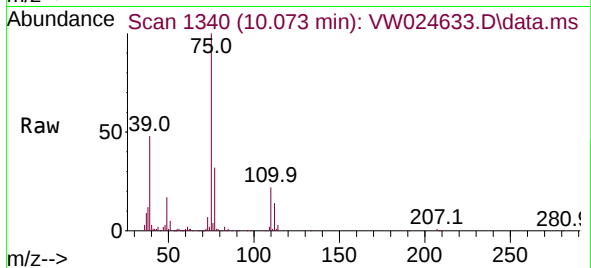
VSTD005448

Tgt Ion: 75 Resp: 76163

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 9.715 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

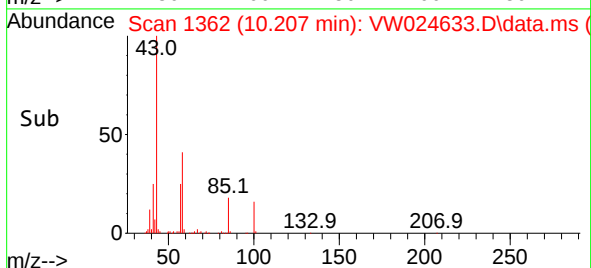
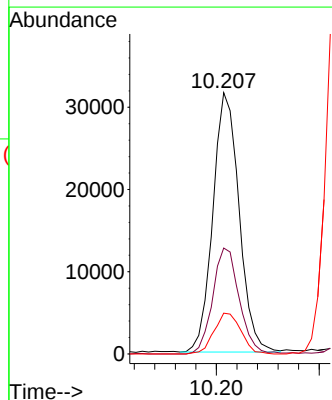
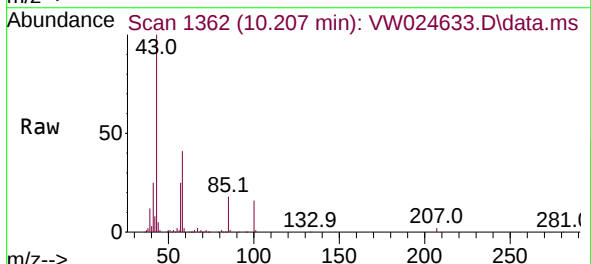
Tgt Ion: 43 Resp: 55901

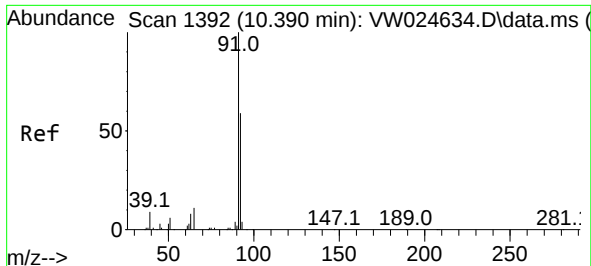
Ion Ratio Lower Upper

43 100

58 41.3 32.9 49.3

100 16.2 12.6 19.0

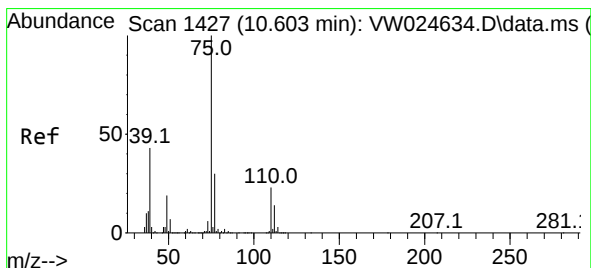
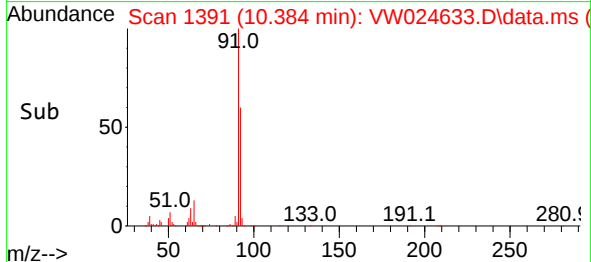
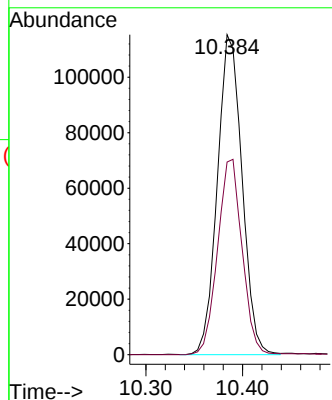
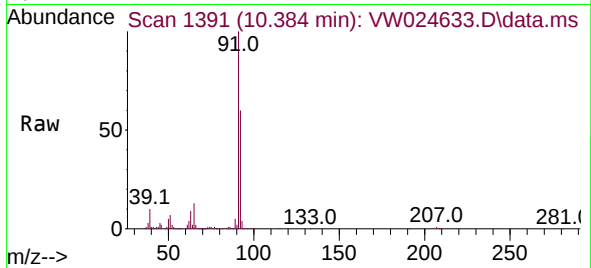




#42
Toluene
Concen: 5.022 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

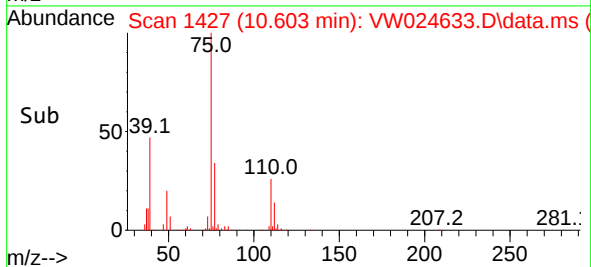
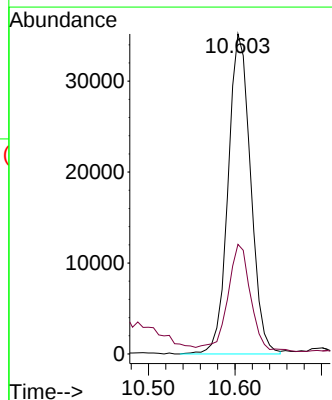
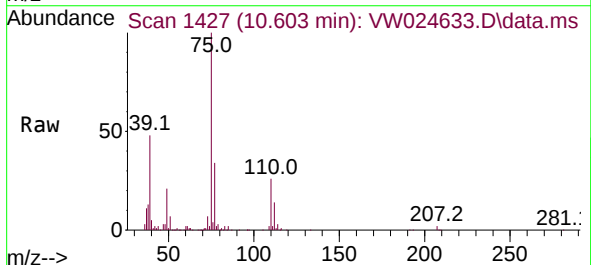
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

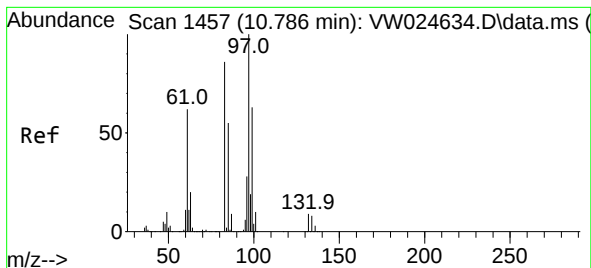
Tgt Ion: 91 Resp: 204214
Ion Ratio Lower Upper
91 100
92 60.2 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 4.820 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion: 75 Resp: 63521
Ion Ratio Lower Upper
75 100
77 34.3 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 4.965 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

Tgt Ion: 97 Resp: 32965

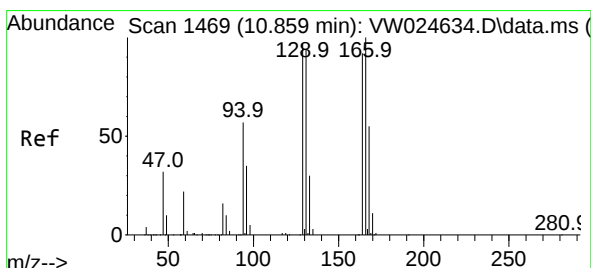
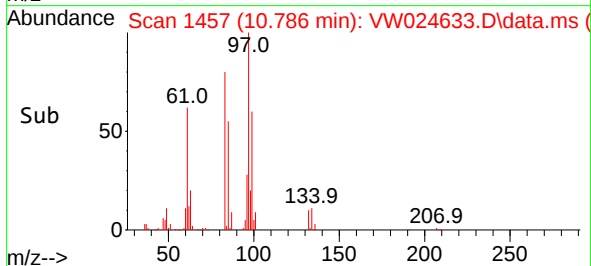
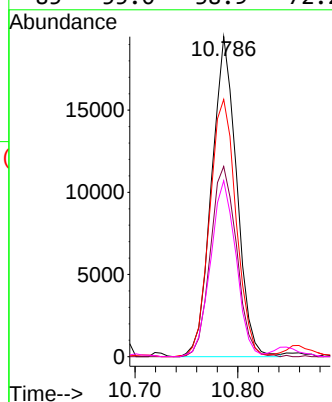
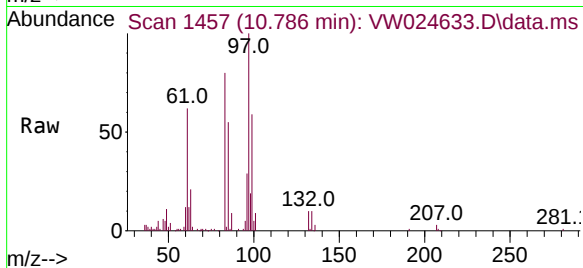
Ion Ratio Lower Upper

97 100

99 59.4 43.8 81.4

83 80.4 60.1 111.5

85 55.0 38.9 72.2



#46

Tetrachloroethene

Concen: 4.965 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Tgt Ion:164 Resp: 33667

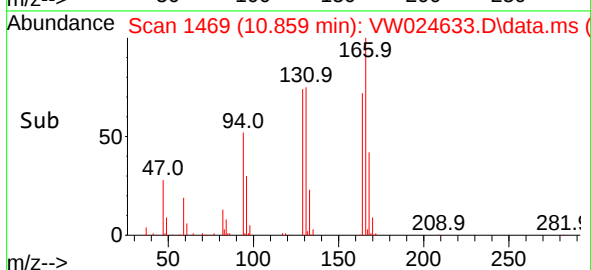
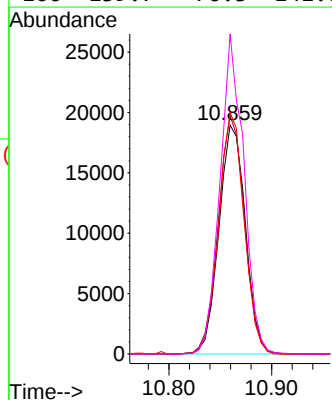
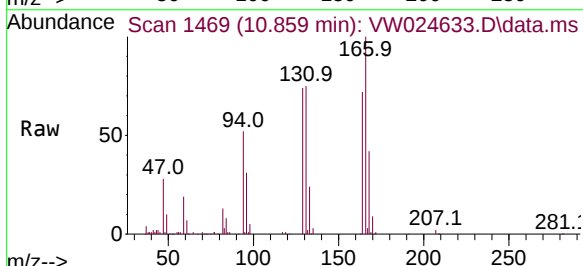
Ion Ratio Lower Upper

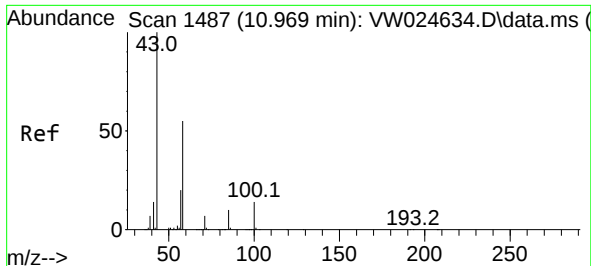
164 100

129 104.0 74.1 137.5

131 105.4 71.5 132.7

166 139.7 76.3 141.7

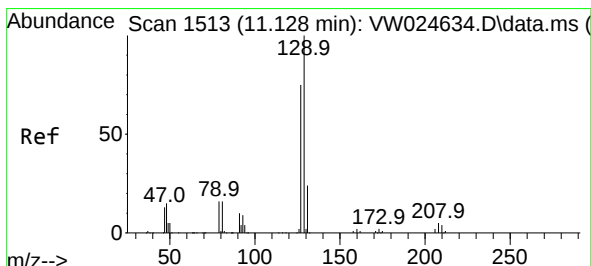
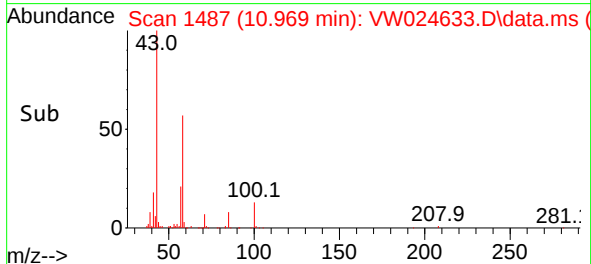
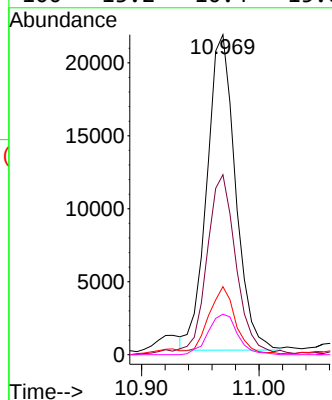
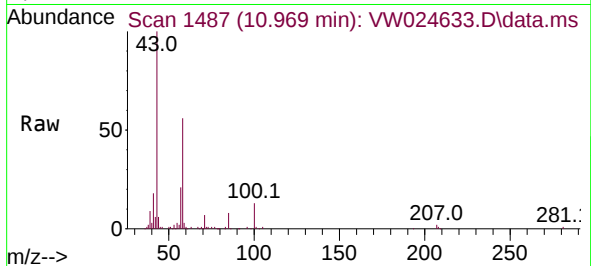




#48
2-Hexanone
Concen: 9.419 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

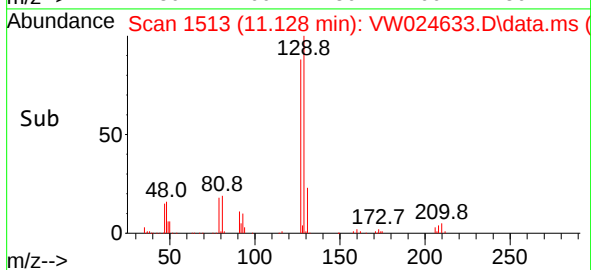
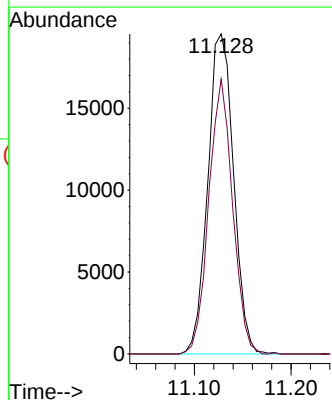
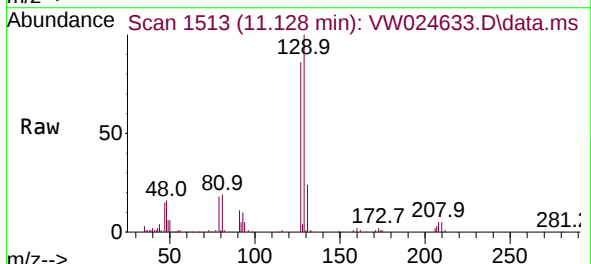
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

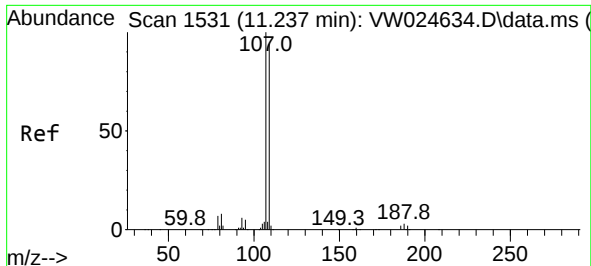
Tgt Ion:	43	Resp:	36648
Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.3	67.9
57	19.6	16.3	24.5
100	13.2	10.4	15.6



#49
Dibromochloromethane
Concen: 4.848 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion:	129	Resp:	36249
Ion	Ratio	Lower	Upper
129	100		
127	85.8	52.4	97.4





#50

1,2-Dibromoethane

Concen: 4.955 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

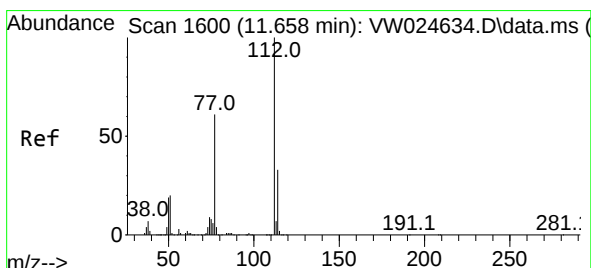
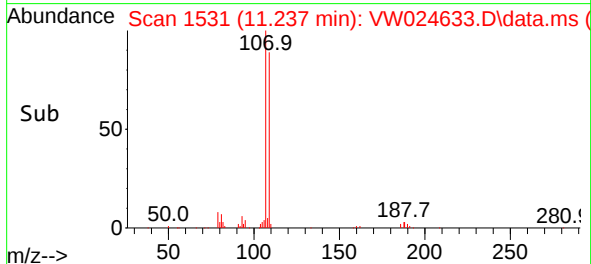
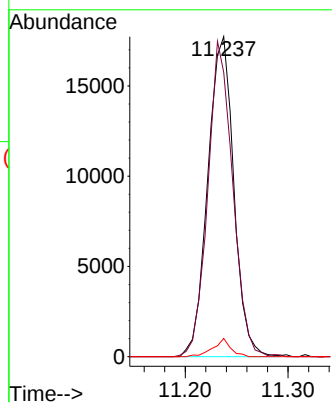
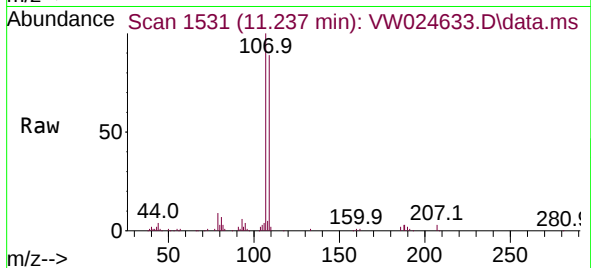
Tgt Ion:107 Resp: 31141

Ion Ratio Lower Upper

107 100

109 88.9 65.5 121.7

188 5.7 2.4 3.6#



#51

Chlorobenzene

Concen: 4.871 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

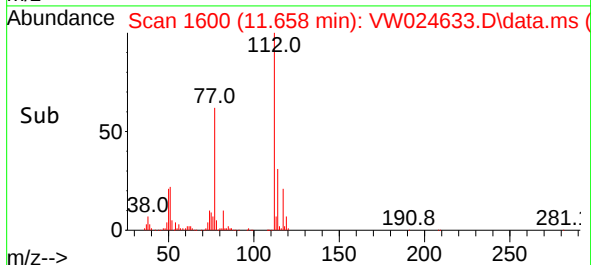
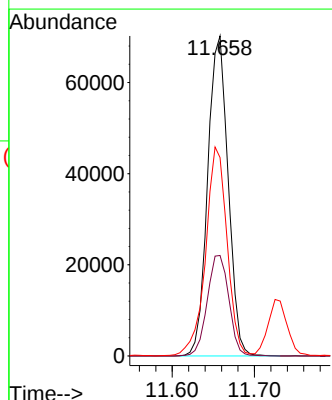
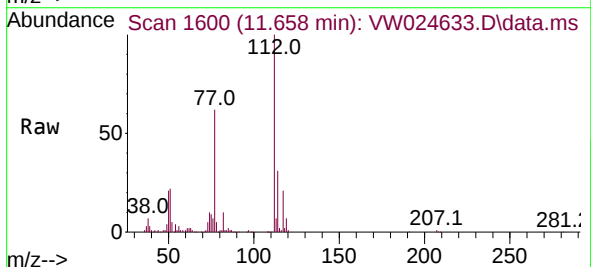
Tgt Ion:112 Resp: 121285

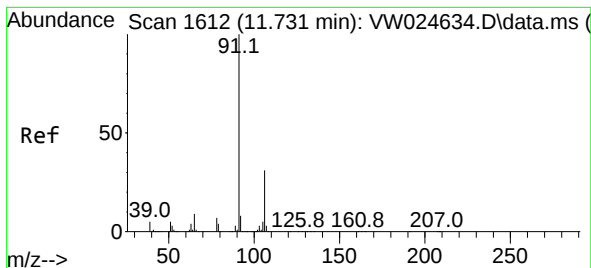
Ion Ratio Lower Upper

112 100

114 31.4 23.3 43.3

77 62.0 49.1 73.7





#52

Ethylbenzene

Concen: 5.046 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

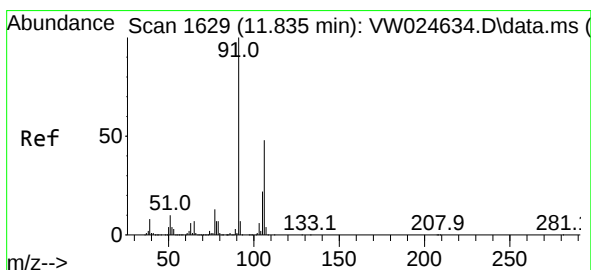
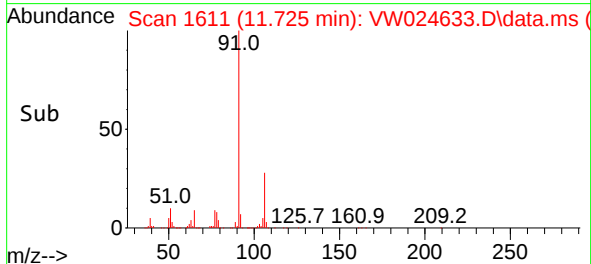
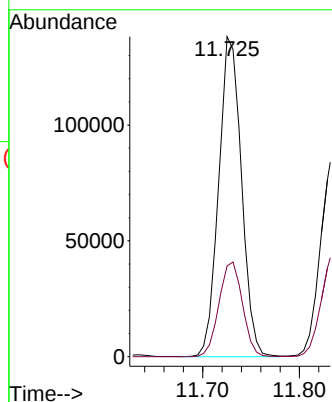
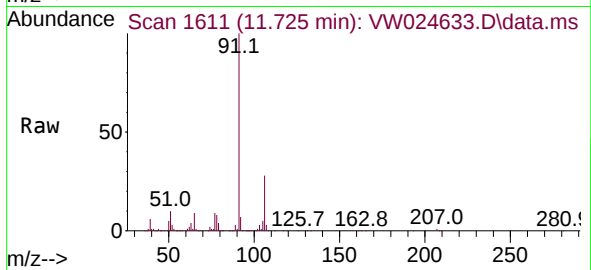
VSTD005448

Tgt Ion: 91 Resp: 226007

Ion Ratio Lower Upper

91 100

106 28.4 21.5 39.9



#53

m,p-Xylene

Concen: 5.074 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024633.D

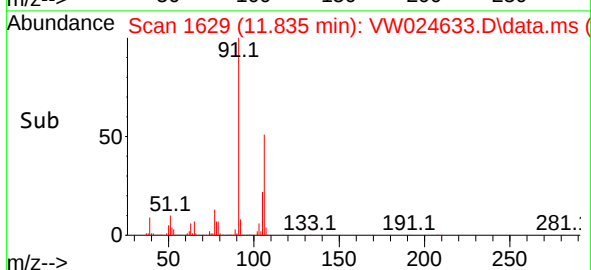
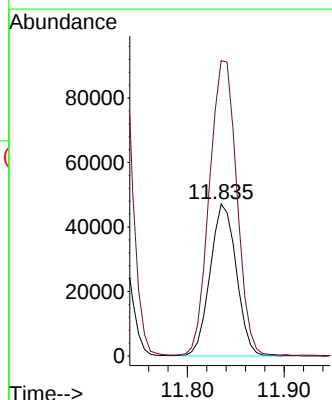
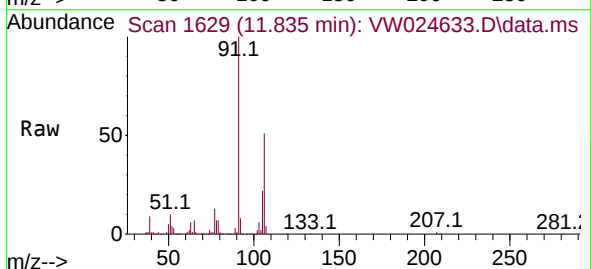
Acq: 26 Sep 2022 10:19

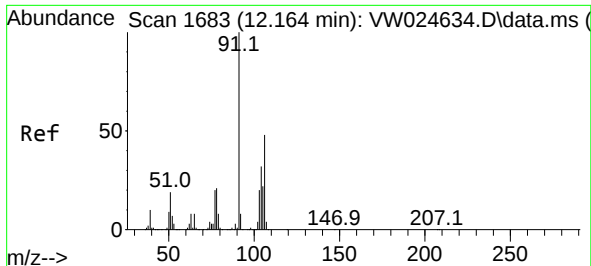
Tgt Ion:106 Resp: 88749

Ion Ratio Lower Upper

106 100

91 194.4 146.8 272.6

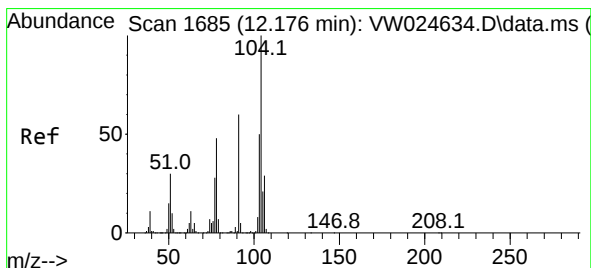
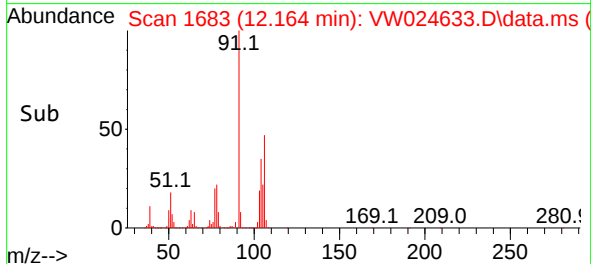
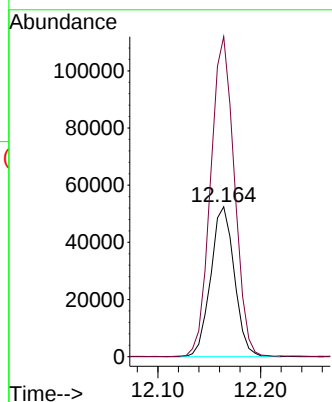
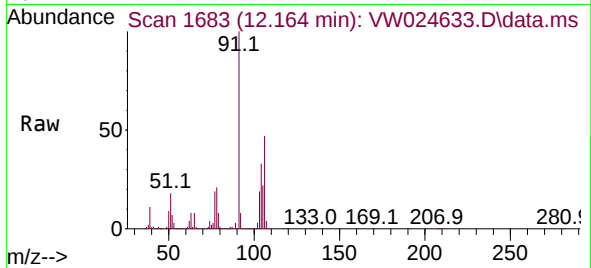




#54
o-Xylene
Concen: 5.070 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

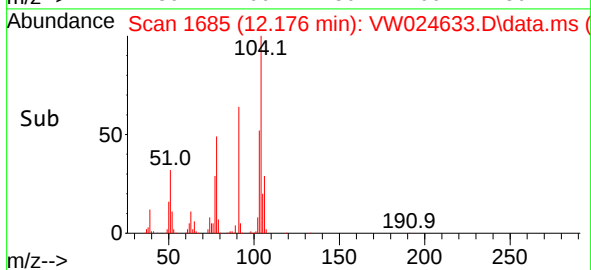
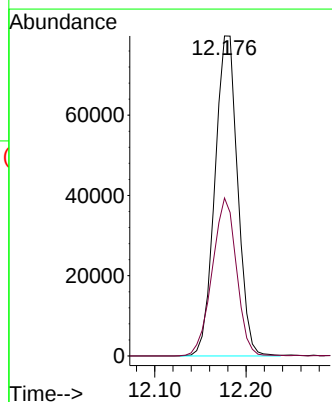
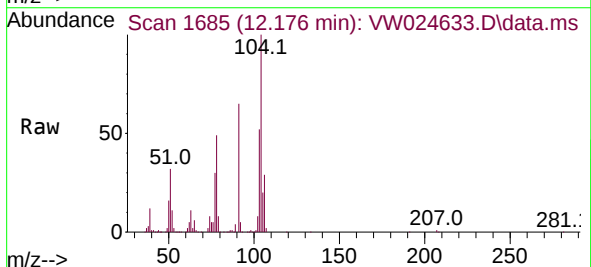
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

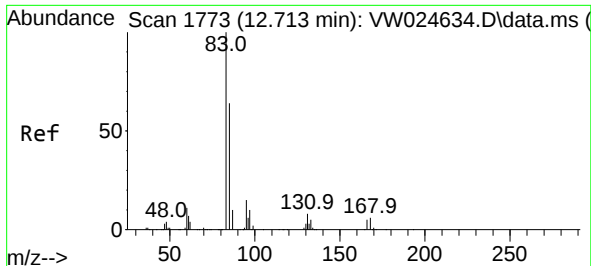
Tgt Ion:106 Resp: 83733
Ion Ratio Lower Upper
106 100
91 213.4 146.3 271.7



#55
Styrene
Concen: 4.966 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion:104 Resp: 138261
Ion Ratio Lower Upper
104 100
78 49.3 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.909 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

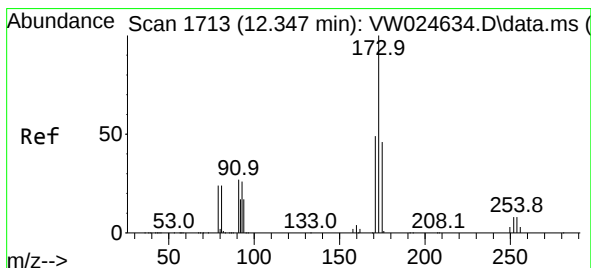
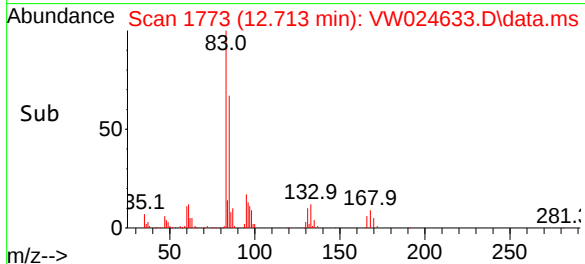
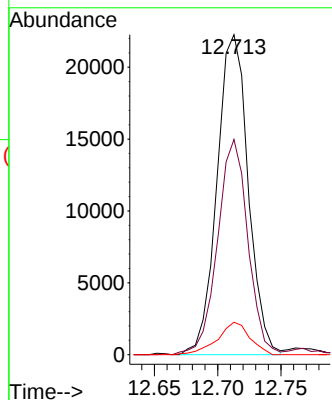
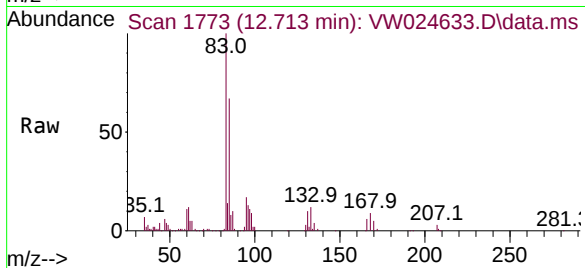
Tgt Ion: 83 Resp: 38167

Ion Ratio Lower Upper

83 100

85 67.2 45.2 84.0

131 10.1 7.3 10.9



#59

Bromoform

Concen: 5.010 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

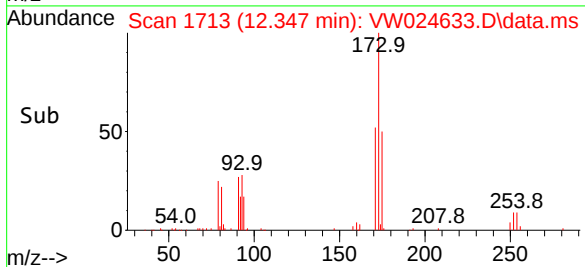
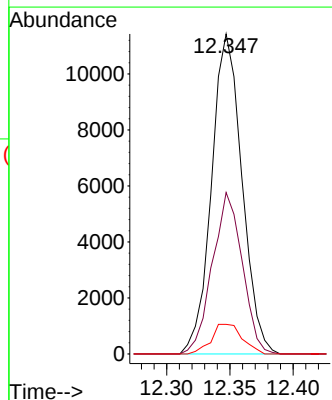
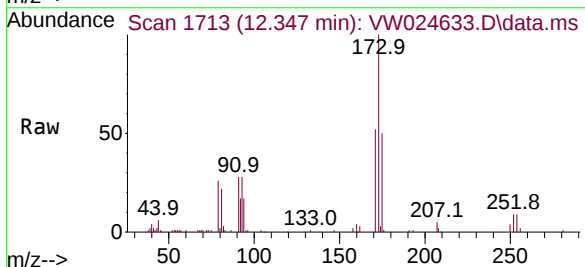
Tgt Ion: 173 Resp: 19135

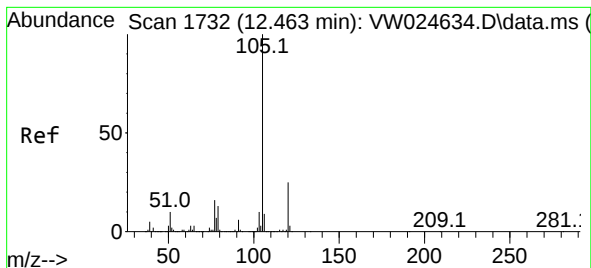
Ion Ratio Lower Upper

173 100

175 49.5 37.7 56.5

254 9.5 6.7 10.1





#60

Isopropylbenzene

Concen: 5.070 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

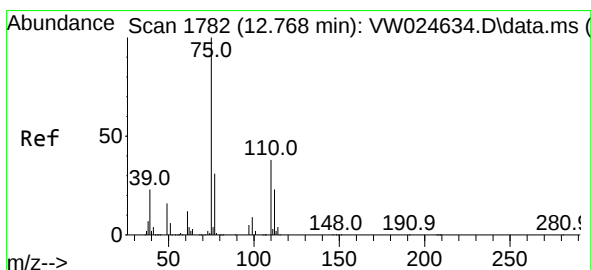
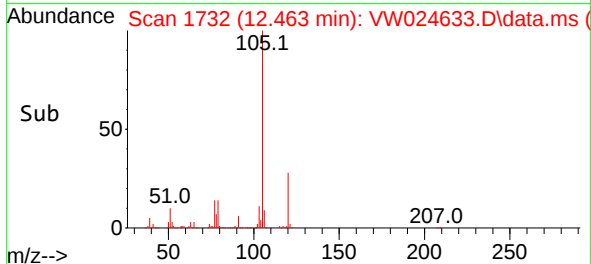
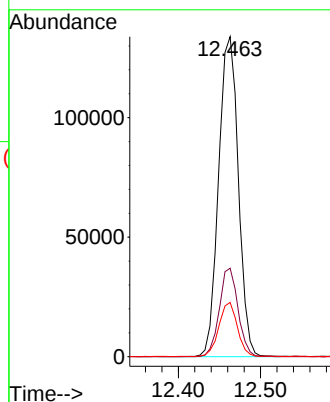
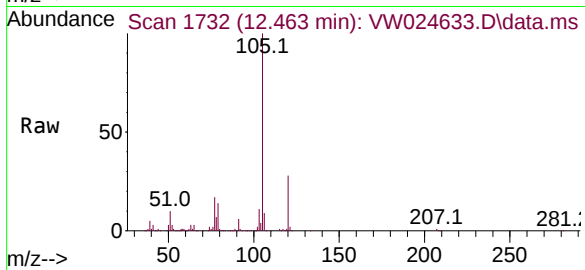
Tgt Ion:105 Resp: 223273

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 15.8 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.914 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

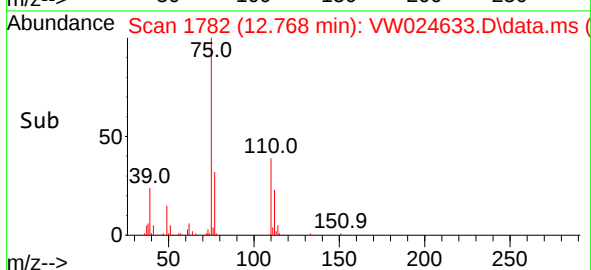
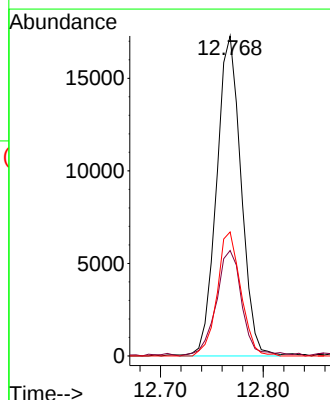
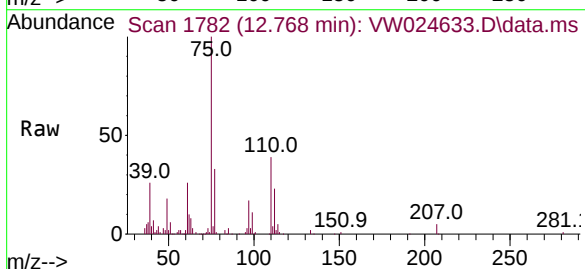
Tgt Ion: 75 Resp: 28598

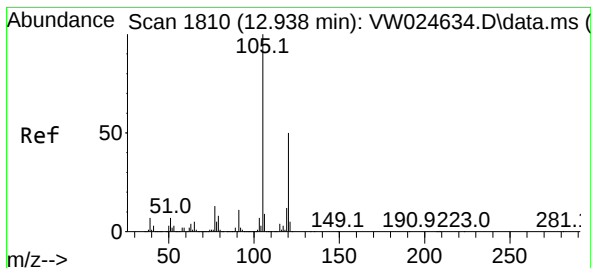
Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.6

110 37.4 29.2 43.8

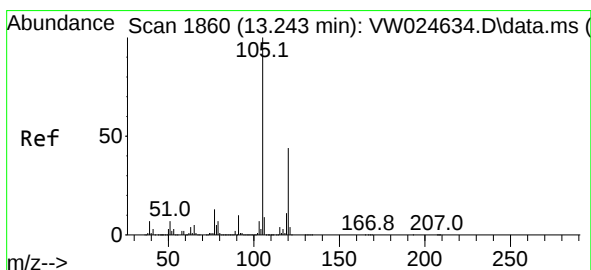
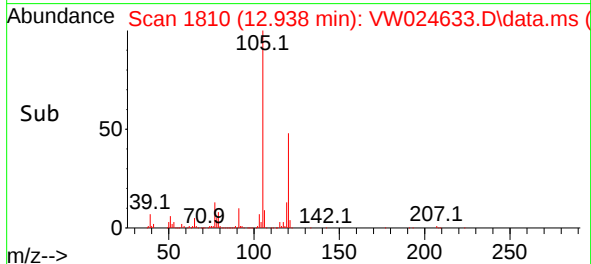
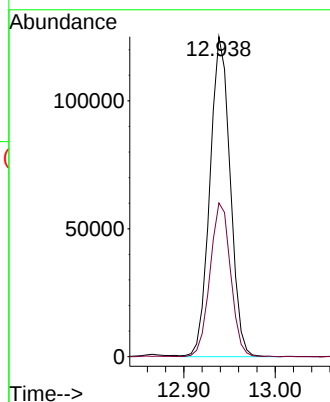
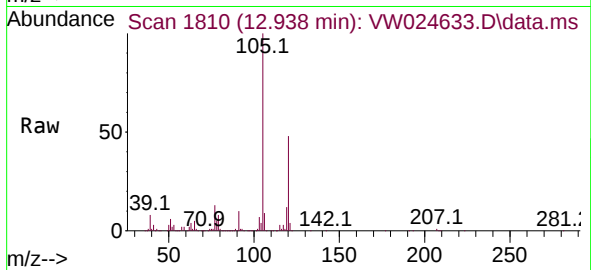




#62
 1,3,5-Trimethylbenzene
 Concen: 5.036 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

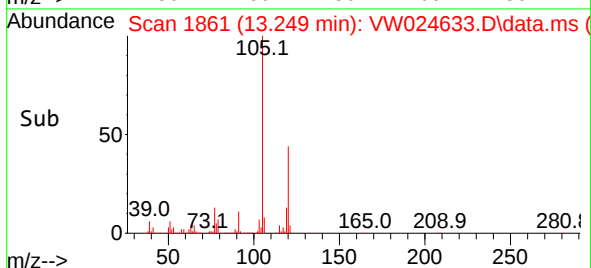
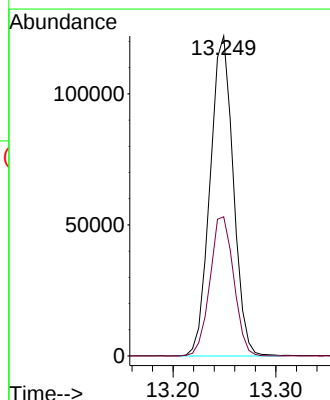
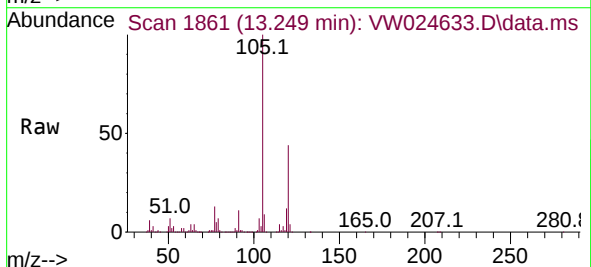
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005448

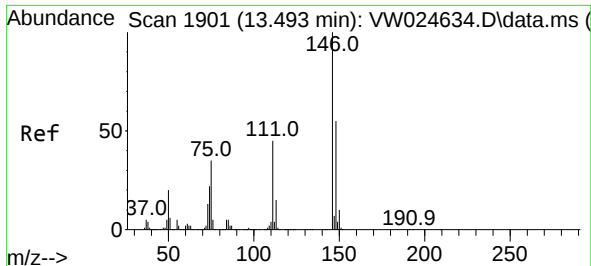
Tgt Ion:105 Resp: 192733
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.101 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.006 min
 Lab File: VW024633.D
 Acq: 26 Sep 2022 10:19

Tgt Ion:105 Resp: 191276
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.2 52.8

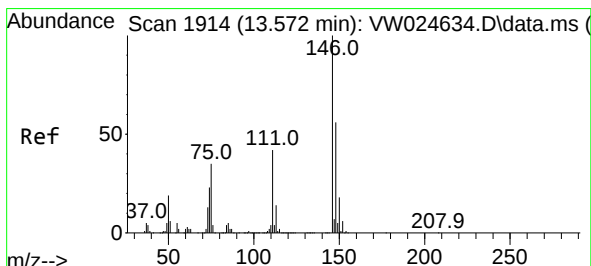
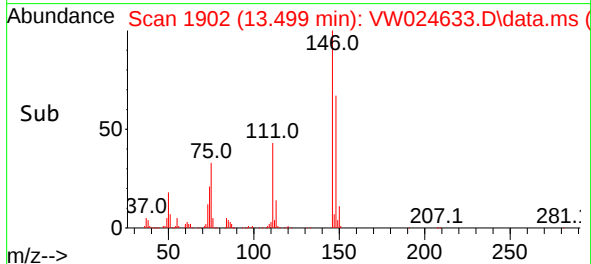
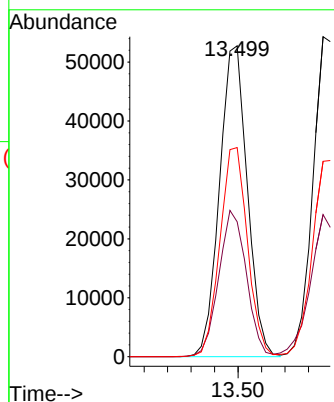
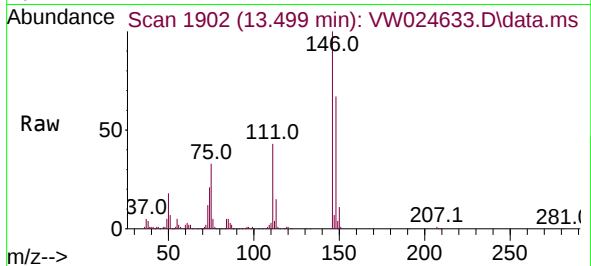




#64
1,3-Dichlorobenzene
Concen: 4.845 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

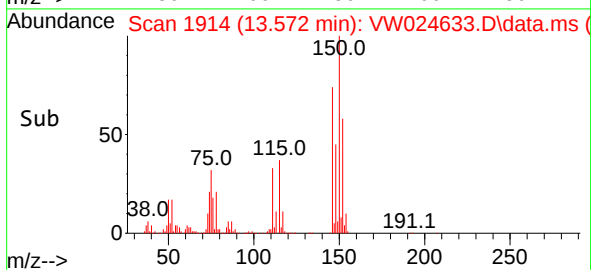
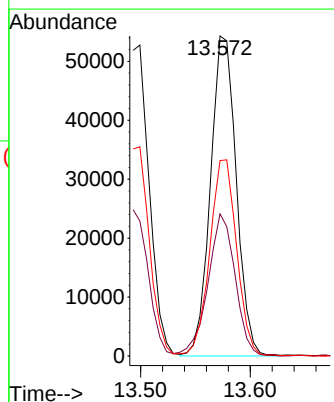
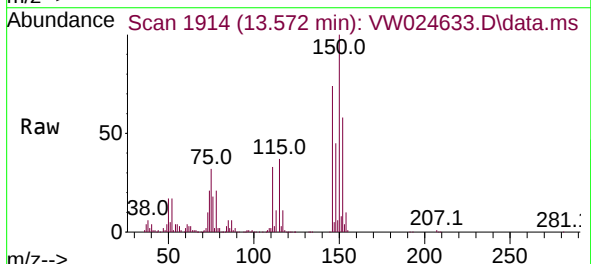
Instrument :
MSVOA_W
ClientSampleId :
VSTD005448

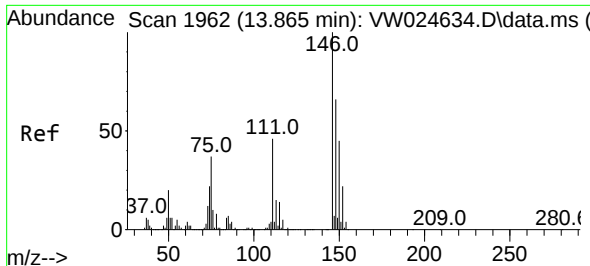
Tgt Ion:146 Resp: 86675
Ion Ratio Lower Upper
146 100
111 43.4 31.6 58.6
148 67.3 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 5.107 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024633.D
Acq: 26 Sep 2022 10:19

Tgt Ion:146 Resp: 88945
Ion Ratio Lower Upper
146 100
111 44.4 29.4 54.6
148 61.1 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 5.143 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

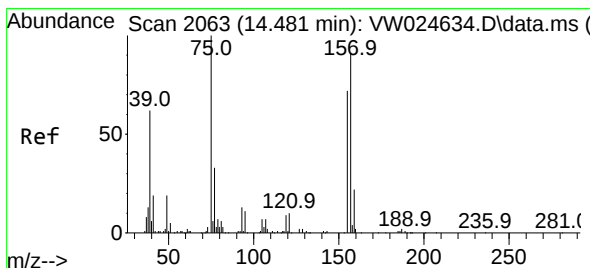
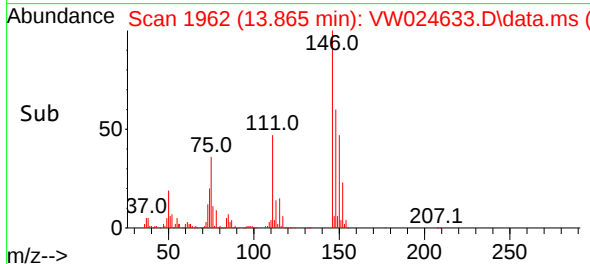
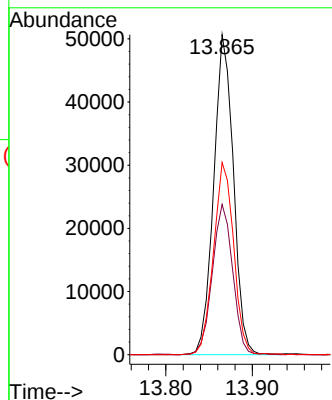
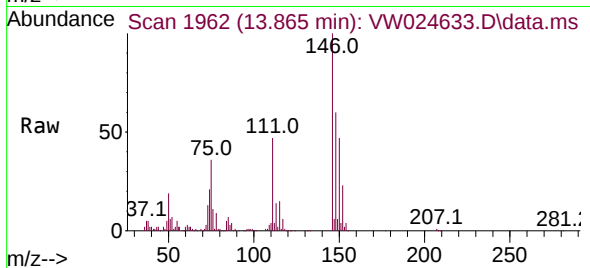
Tgt Ion:146 Resp: 80134

Ion Ratio Lower Upper

146 100

111 47.0 37.2 55.8

148 60.0 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.962 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

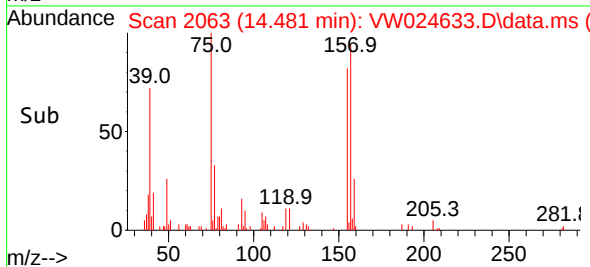
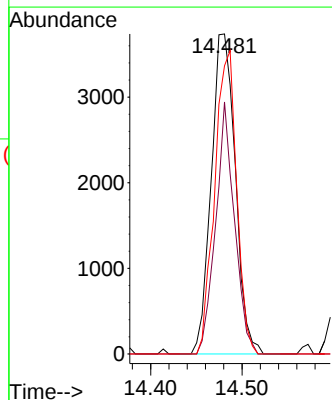
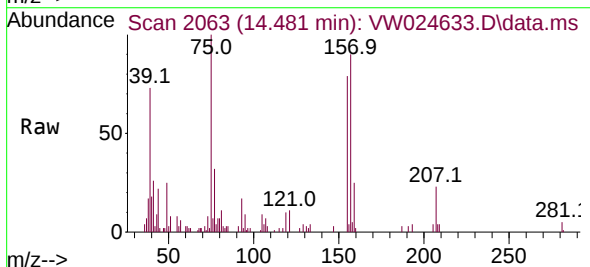
Tgt Ion: 75 Resp: 6829

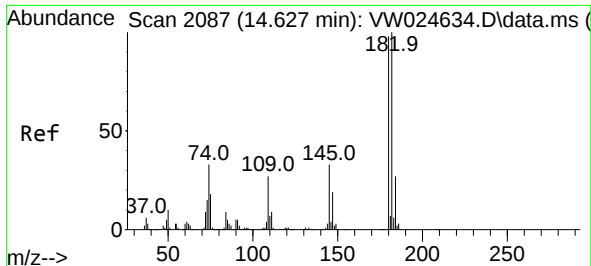
Ion Ratio Lower Upper

75 100

155 78.8 57.6 86.4

157 90.1 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 5.070 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024633.D

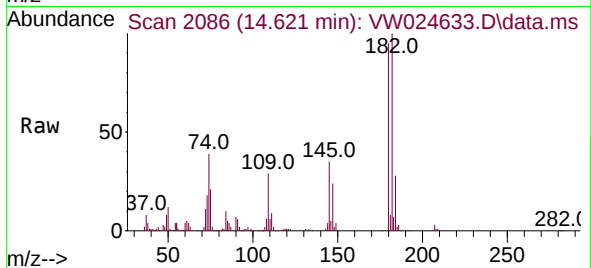
Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448



Tgt Ion:180 Resp: 60226

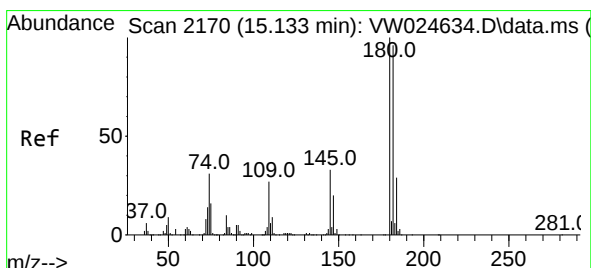
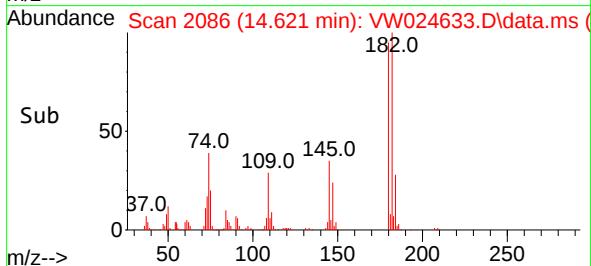
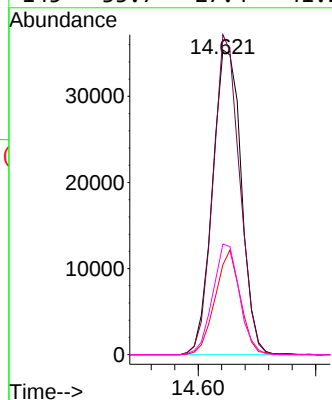
Ion Ratio Lower Upper

180 100

182 97.0 77.1 115.7

184 30.1 23.3 34.9

145 33.7 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 5.018 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

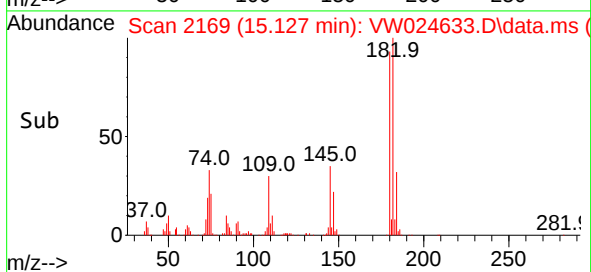
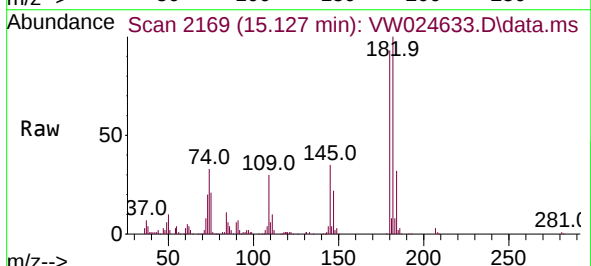
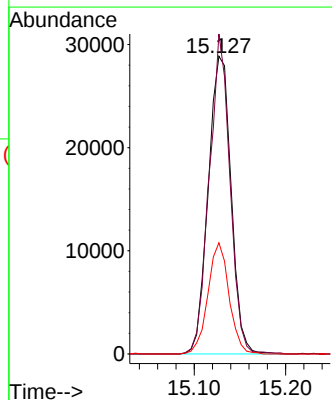
Tgt Ion:180 Resp: 50077

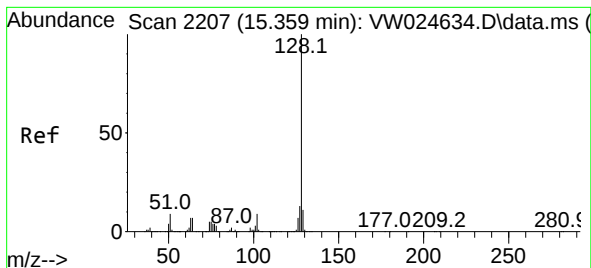
Ion Ratio Lower Upper

180 100

182 97.1 76.8 115.2

145 34.6 29.0 43.4





#71

Naphthalene

Concen: 4.789 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD005448

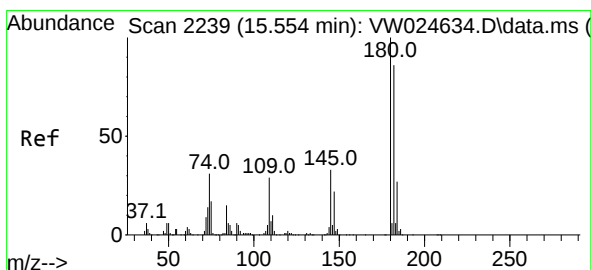
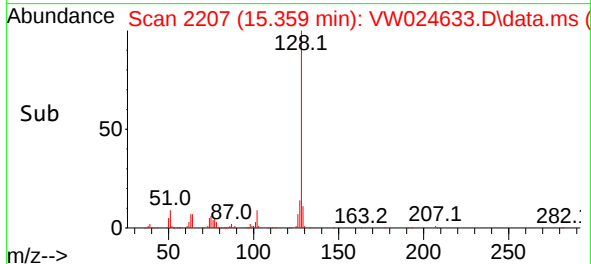
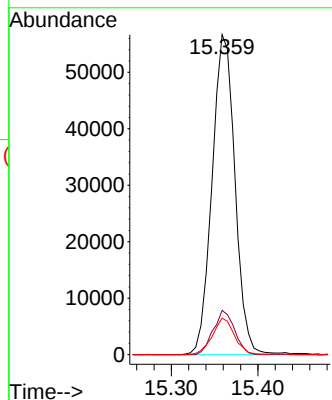
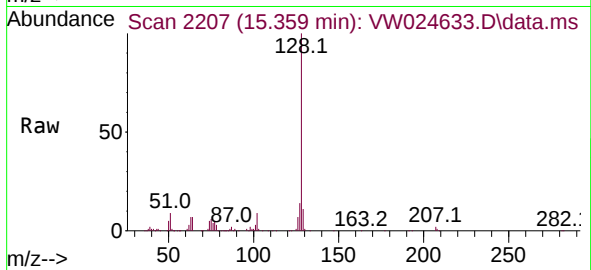
Tgt Ion:128 Resp: 104063

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 5.017 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024633.D

Acq: 26 Sep 2022 10:19

Tgt Ion:180 Resp: 42606

Ion Ratio Lower Upper

180 100

182 91.5 77.4 116.2

145 36.4 30.6 45.8

