

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072022\
 Data File : VX030123.D
 Acq On : 20 Jul 2022 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050761

Quant Time: Jul 21 06:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	318991	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292178	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100425	40.361	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.720%		
7) Chloroethane-d5	1.666	69	76243	44.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.560%		
11) 1,1-Dichloroethene-d2	2.307	63	216854	45.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.120%		
21) 2-Butanone-d5	4.459	46	226953	92.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.750%		
24) Chloroform-d	5.056	84	225448	44.629	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
26) 1,2-Dichloroethane-d4	5.958	65	139867	44.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
32) Benzene-d6	5.977	84	468303	43.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	7.312	67	151125	43.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.640%		
41) Toluene-d8	8.653	98	423873	43.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.380%		
43) trans-1,3-Dichloroprop...	8.952	79	65624	44.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.600%		
47) 2-Hexanone-d5	9.385	63	162668	94.054	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.050%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205826	44.723	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.440%		
66) 1,2-Dichlorobenzene-d4	12.323	152	154419	43.840	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	133983	50.157	ug/L	100
3) Chloromethane	1.288	50	111810	46.833	ug/L	98
5) Vinyl chloride	1.374	62	119610	48.059	ug/L	97
6) Bromomethane	1.605	94	53580	47.726	ug/L	97
8) Chloroethane	1.685	64	66578	48.477	ug/L	98
9) Trichlorofluoromethane	1.886	101	162778	50.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	116528	51.162	ug/L	99
12) 1,1-Dichloroethene	2.319	96	110355	50.254	ug/L	81
13) Acetone	2.386	43	134984	99.092	ug/L	99
14) Carbon disulfide	2.508	76	304617	49.291	ug/L	99
15) Methyl Acetate	2.703	43	158889	51.214	ug/L	100
16) Methylene chloride	2.788	84	130281	49.147	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	115908	49.601	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	365898	50.827	ug/L	99
19) 1,1-Dichloroethane	3.611	63	215061	50.349	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	135921	50.096	ug/L	96
22) 2-Butanone	4.562	43	237109	101.805	ug/L	99
23) Bromochloromethane	4.898	128	69017	51.117	ug/L	96
25) Chloroform	5.099	83	221181	49.887	ug/L	95

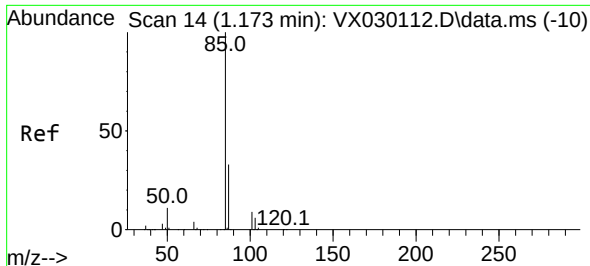
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170551	51.218	ug/L	100
29) Cyclohexane	5.471	56	206349	51.495	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	182527	50.775	ug/L	99
31) Carbon tetrachloride	5.678	117	153284	51.764	ug/L	98
33) Benzene	6.038	78	516122	50.732	ug/L	100
34) Trichloroethene	7.129	95	137527	50.471	ug/L	98
35) Methylcyclohexane	7.379	83	208476	50.857	ug/L	98
37) 1,2-Dichloropropane	7.434	63	133961	50.313	ug/L	100
38) Bromodichloromethane	7.824	83	167347	51.369	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	195224	51.292	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	455207	105.100	ug/L	98
42) Toluene	8.720	91	544990	51.593	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	184004	51.623	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	131165	51.477	ug/L	99
46) Tetrachloroethene	9.275	164	94353	49.983	ug/L	93
48) 2-Hexanone	9.433	43	360227	103.571	ug/L	99
49) Dibromochloromethane	9.525	129	129693	50.868	ug/L	99
50) 1,2-Dibromoethane	9.610	107	134475	49.699	ug/L	98
51) Chlorobenzene	10.080	112	337197	50.804	ug/L	99
52) Ethylbenzene	10.195	91	583153	51.794	ug/L	98
53) m,p-Xylene	10.305	106	224500	51.151	ug/L	100
54) o-Xylene	10.647	106	223887	52.532	ug/L	95
55) Styrene	10.659	104	381631	51.978	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	202053	50.249	ug/L	98
59) Bromoform	10.799	173	87626	49.373	ug/L	96
60) Isopropylbenzene	10.964	105	574111	51.549	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	167042	49.558	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	484680	52.666	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	490536	53.460	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	251416	51.322	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	249965	50.755	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	252786	50.724	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	47729	47.151	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	166589	50.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	154326	53.156	ug/L	99
71) Naphthalene	13.780	128	628678	52.930	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156996	50.898	ug/L	100

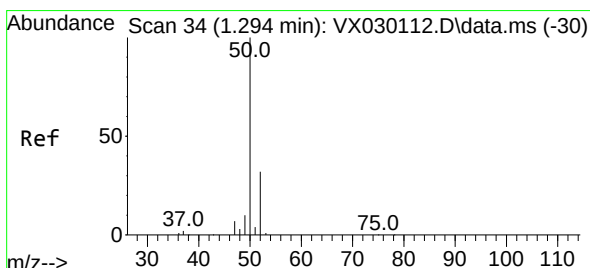
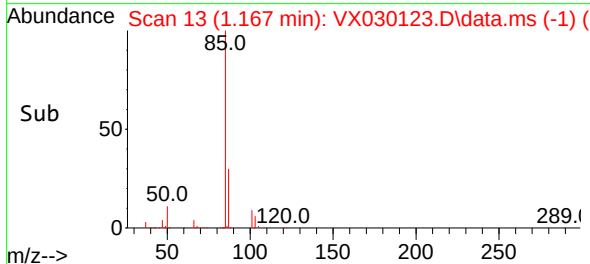
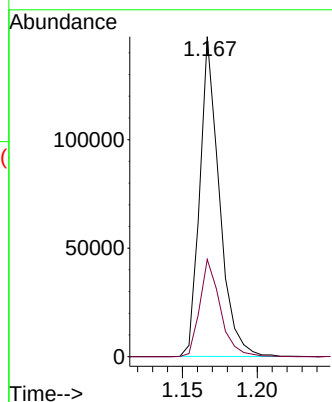
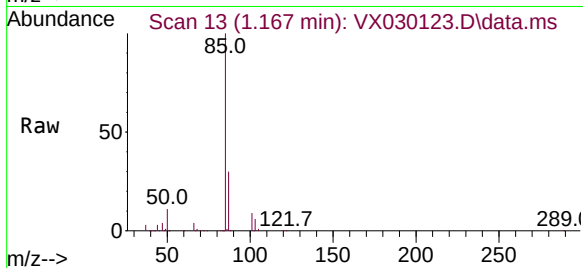
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#2
 Dichlorodifluoromethane
 Concen: 50.157 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

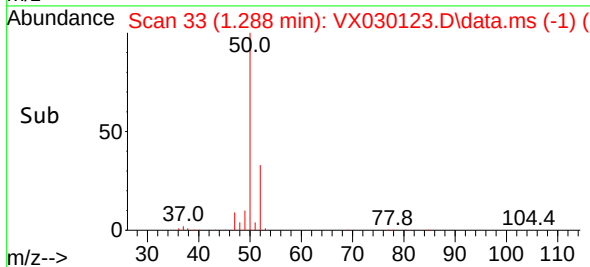
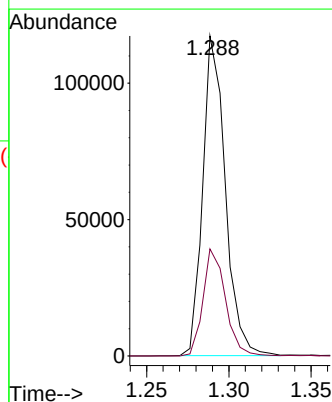
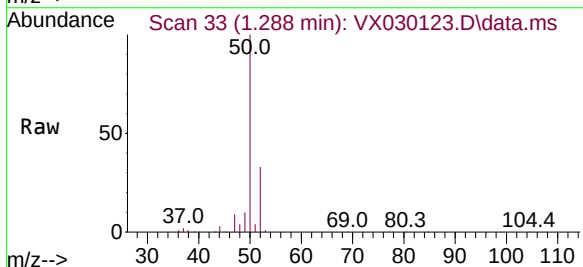
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050761

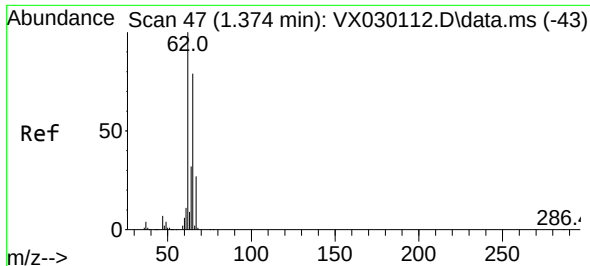
Tgt Ion: 85 Resp: 133983
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 46.833 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

Tgt Ion: 50 Resp: 111810
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.6 42.0

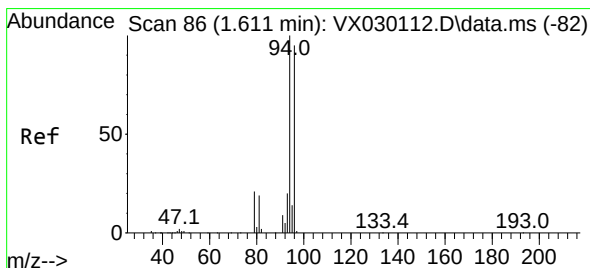
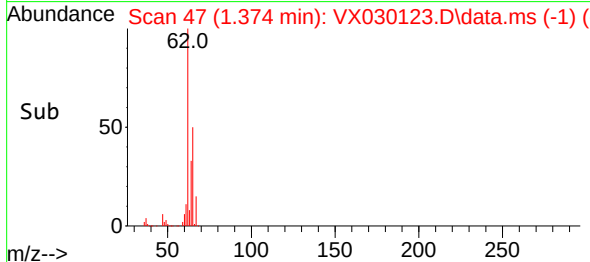
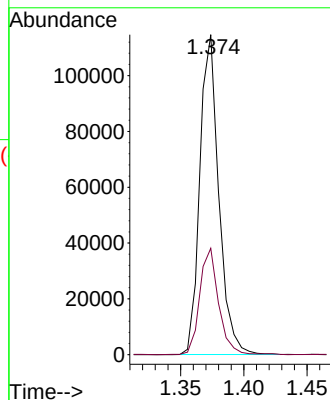
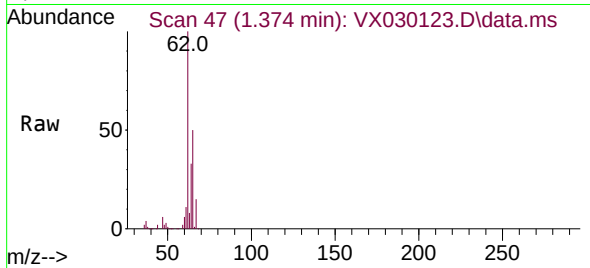




#5
 Vinyl chloride
 Concen: 48.059 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

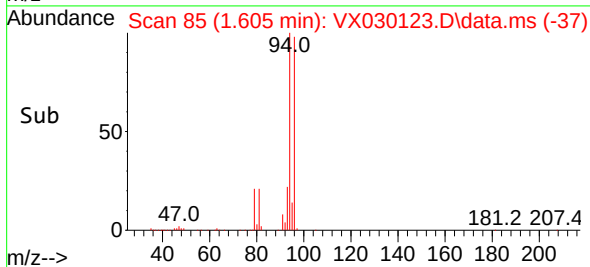
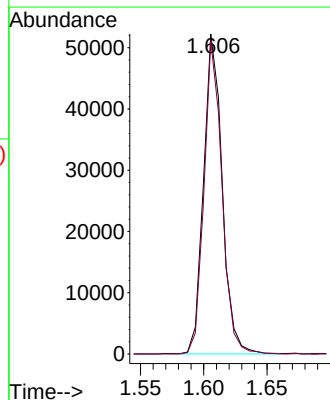
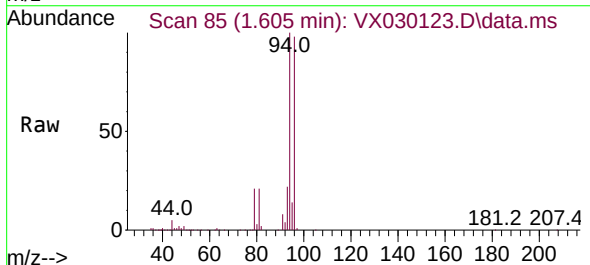
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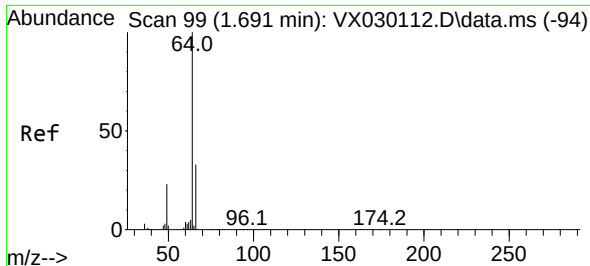
Tgt Ion: 62 Resp: 119610
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.1 41.1



#6
 Bromomethane
 Concen: 47.726 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

Tgt Ion: 94 Resp: 53580
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.5 123.5

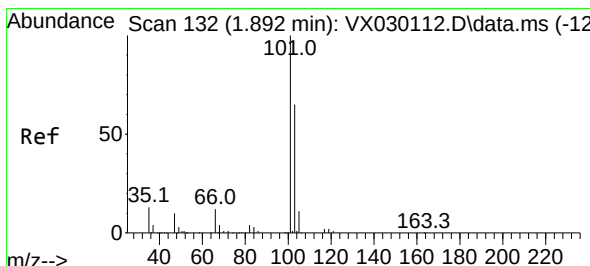
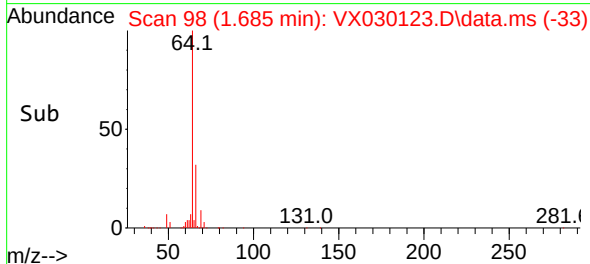
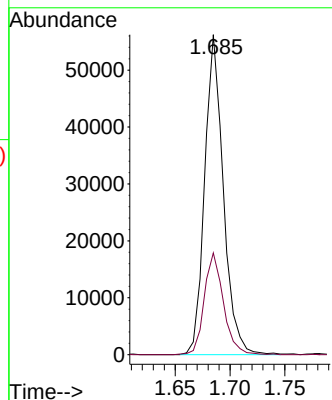
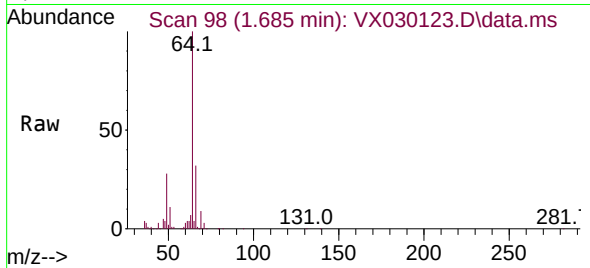




#8
Chloroethane
Concen: 48.477 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

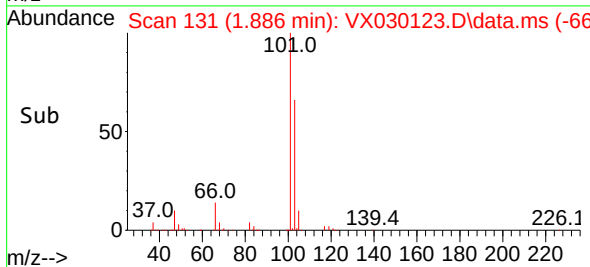
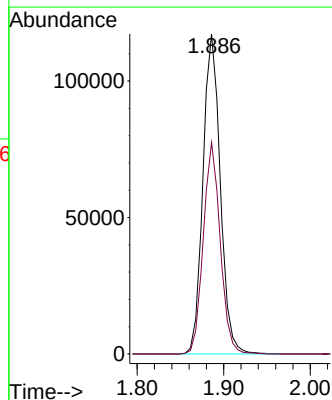
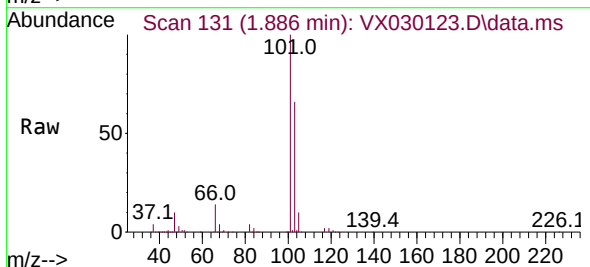
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ClientSampleId :
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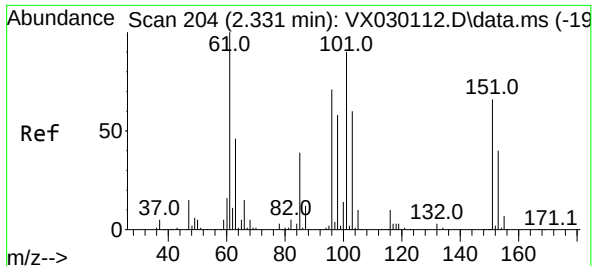
Tgt Ion: 64 Resp: 66578
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 50.524 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 101 Resp: 162778
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

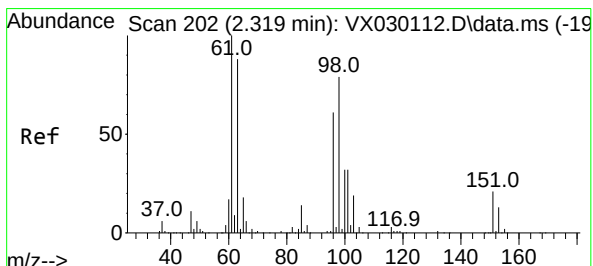
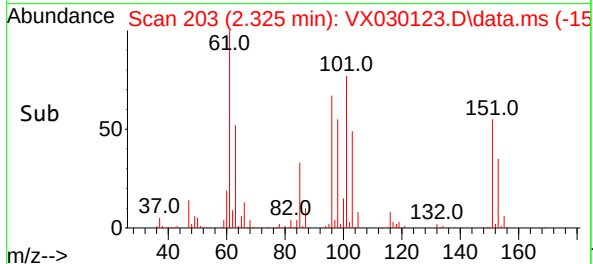
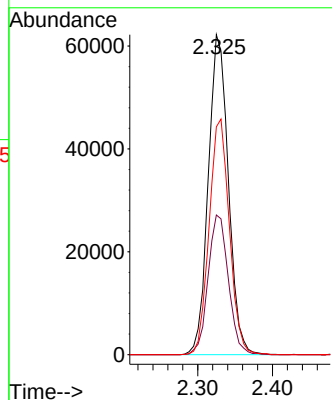
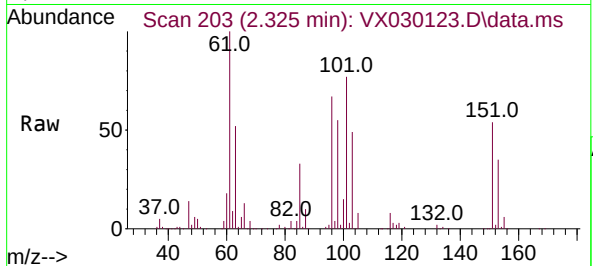




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.162 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

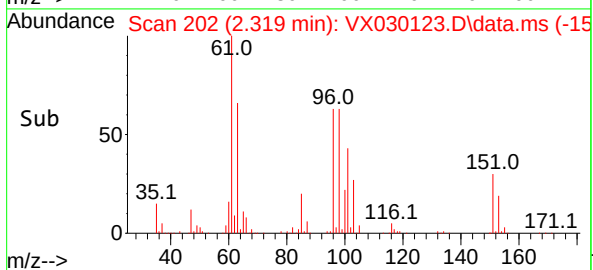
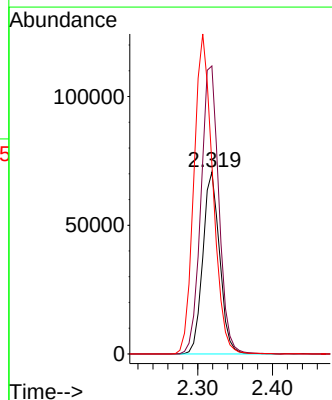
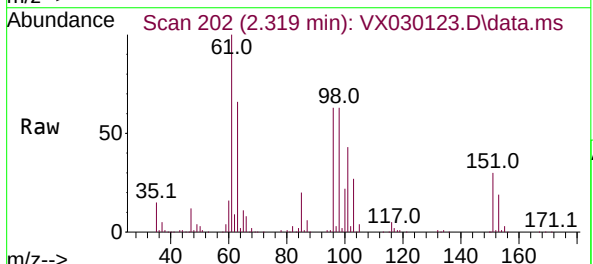
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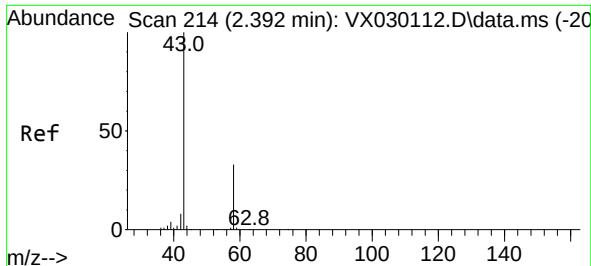
Tgt Ion:101 Resp: 116528
Ion Ratio Lower Upper
101 100
85 44.1 34.1 51.1
151 74.0 59.4 89.2



#12
1,1-Dichloroethene
Concen: 50.254 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 96 Resp: 110355
Ion Ratio Lower Upper
96 100
61 158.5 115.1 213.7
63 104.7 104.1 193.3

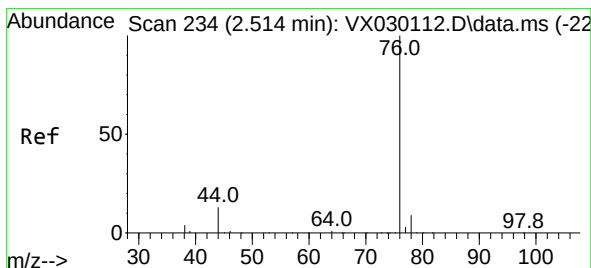
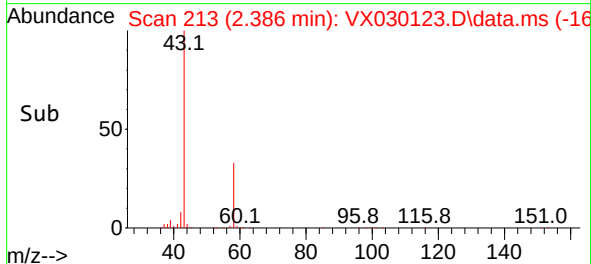
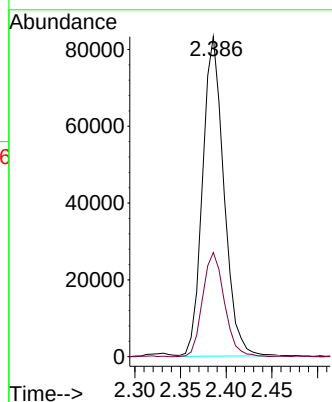
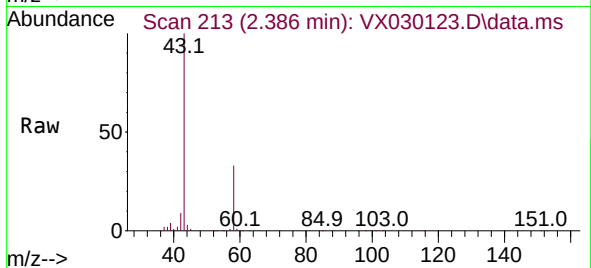




#13
Acetone
Concen: 99.092 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

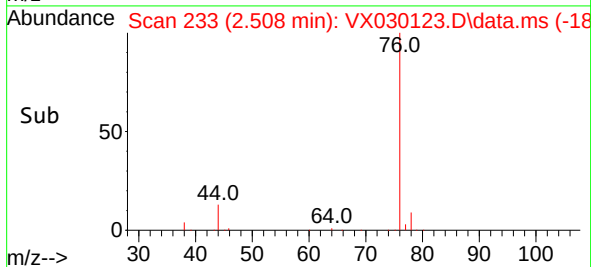
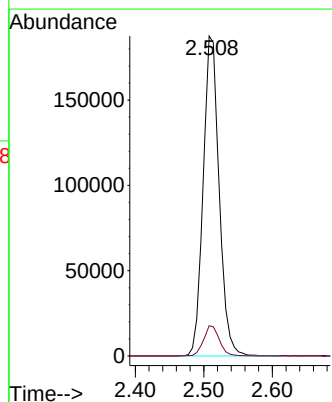
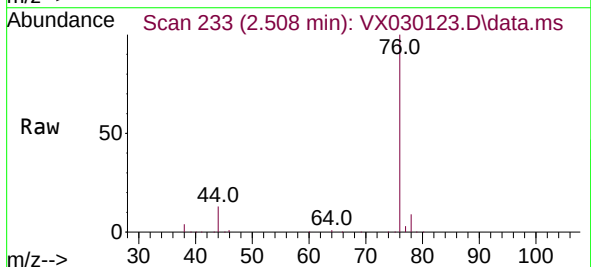
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

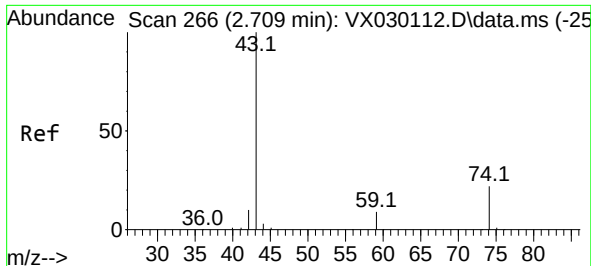
Tgt Ion: 43 Resp: 134984
Ion Ratio Lower Upper
43 100
58 33.2 0.0 65.6



#14
Carbon disulfide
Concen: 49.291 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 76 Resp: 304617
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

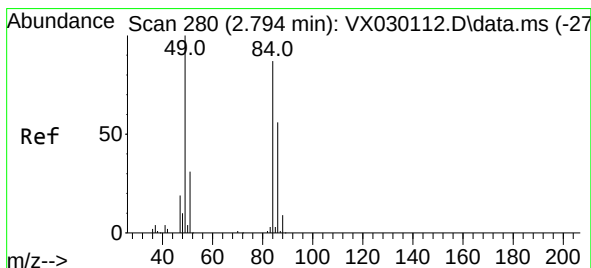
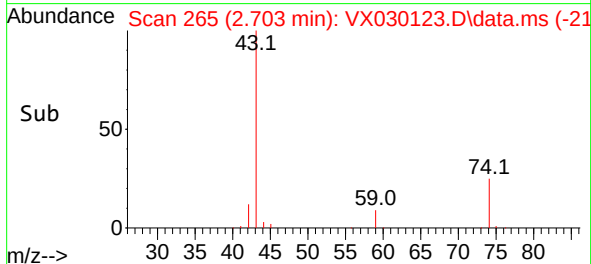
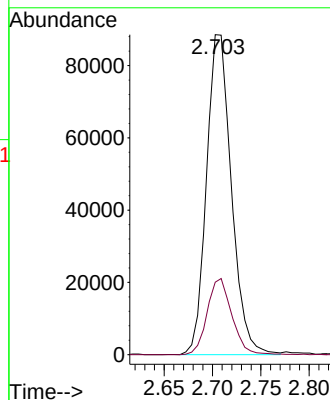
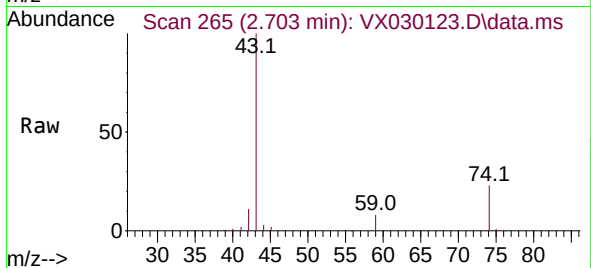




#15
Methyl Acetate
Concen: 51.214 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

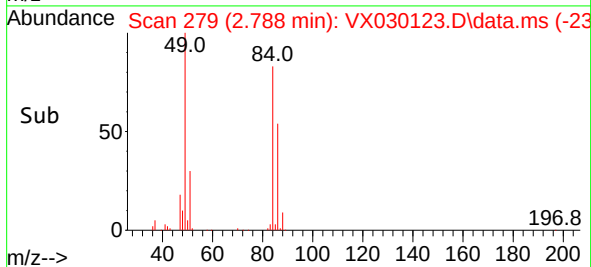
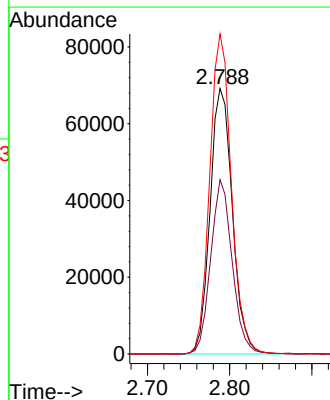
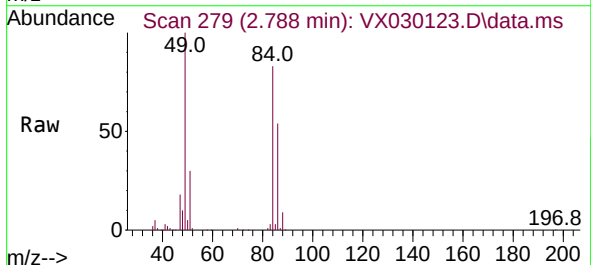
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

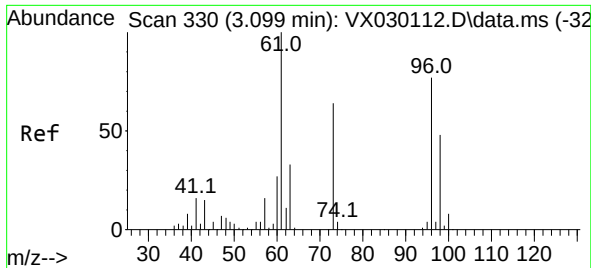
Tgt Ion: 43 Resp: 158889
Ion Ratio Lower Upper
43 100
74 23.5 18.7 28.1



#16
Methylene chloride
Concen: 49.147 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 84 Resp: 130281
Ion Ratio Lower Upper
84 100
86 65.6 44.8 83.2
49 120.5 80.6 149.6

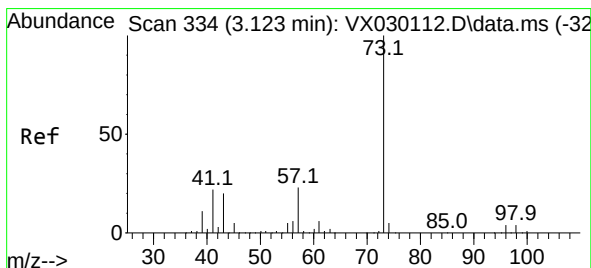
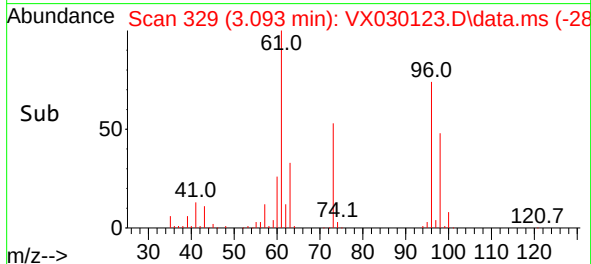
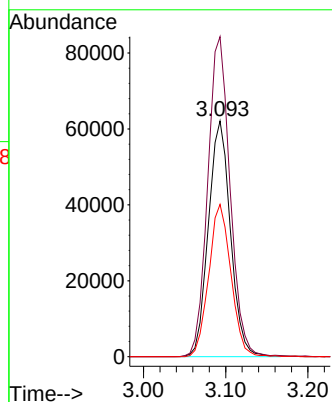
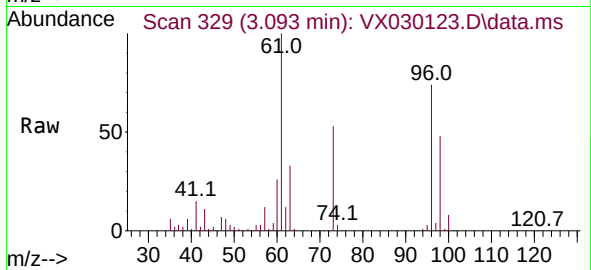




#17
trans-1,2-Dichloroethene
Concen: 49.601 ug/L
RT: 3.093 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

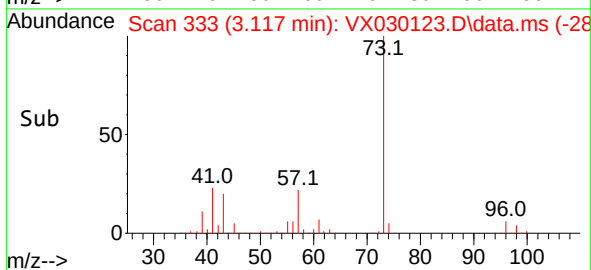
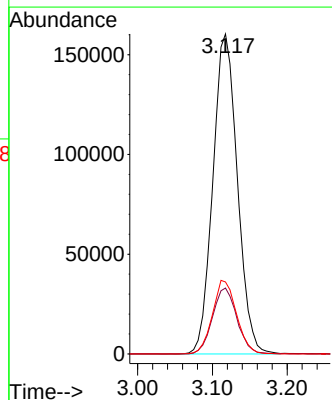
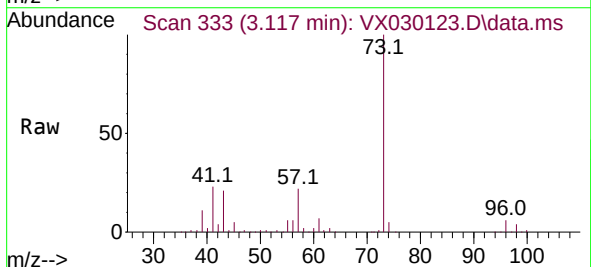
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

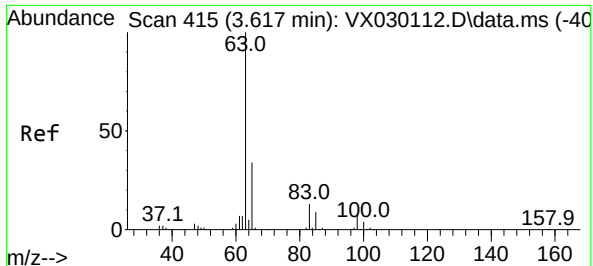
Tgt Ion: 96 Resp: 115908
Ion Ratio Lower Upper
96 100
61 135.8 90.4 168.0
98 64.6 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 50.827 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 73 Resp: 365898
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.4
57 22.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.349 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

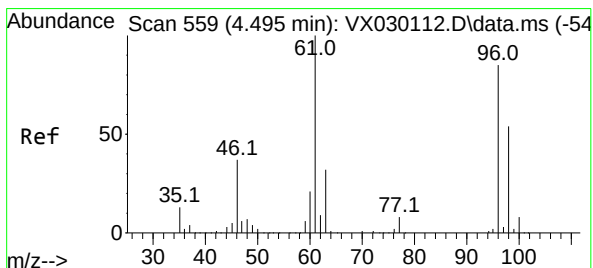
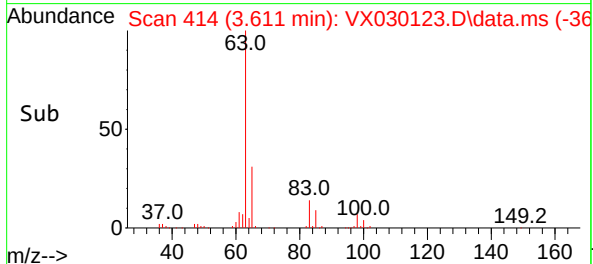
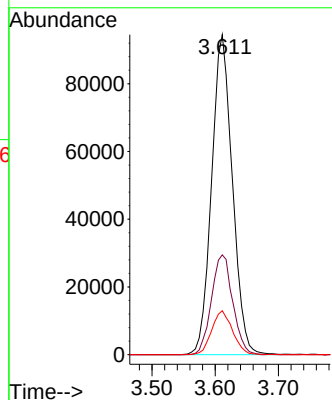
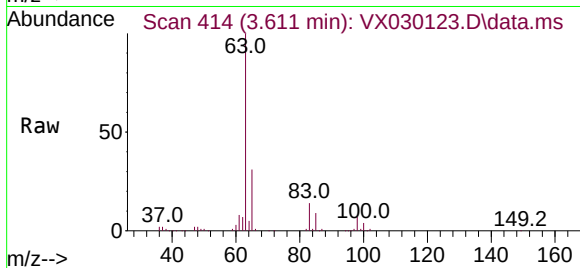
Tgt Ion: 63 Resp: 215061

Ion Ratio Lower Upper

63 100

65 31.2 23.4 43.6

83 13.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.096 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

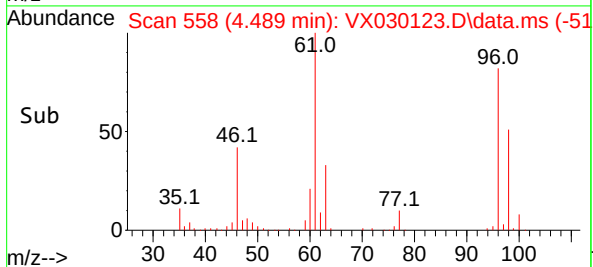
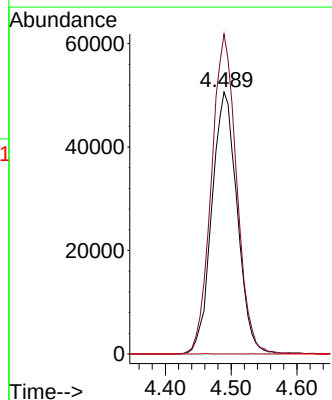
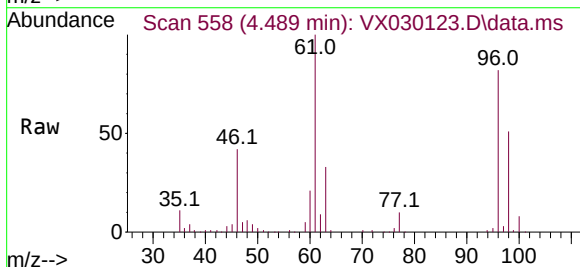
Tgt Ion: 96 Resp: 135921

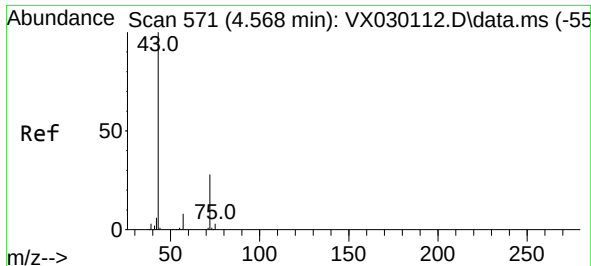
Ion Ratio Lower Upper

96 100

61 122.2 82.1 152.5

68 0.0 0.0 0.0

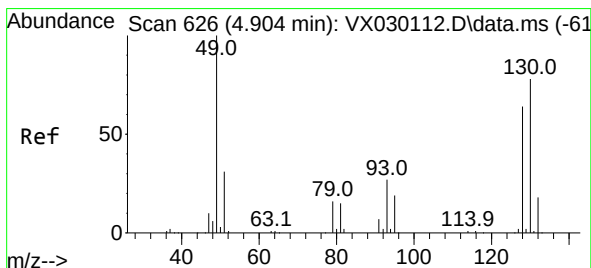
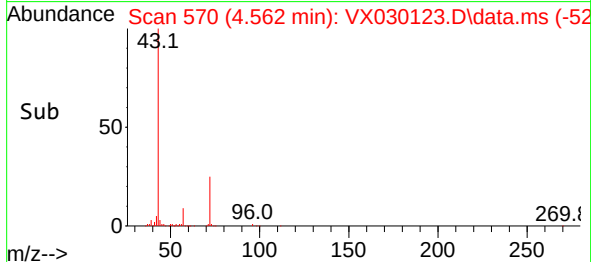
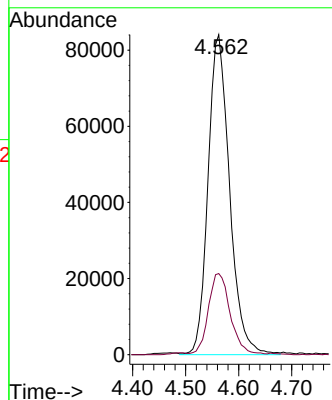
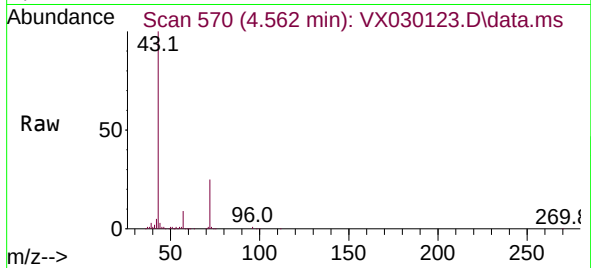




#22
2-Butanone
Concen: 101.805 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

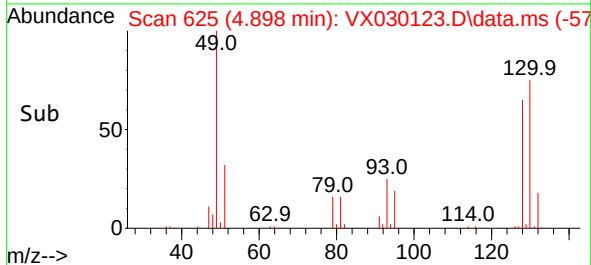
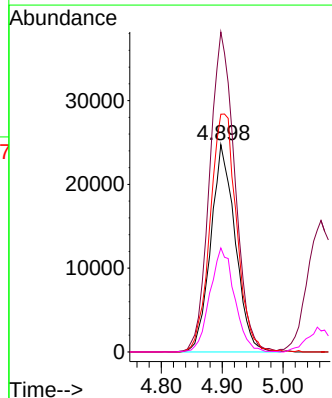
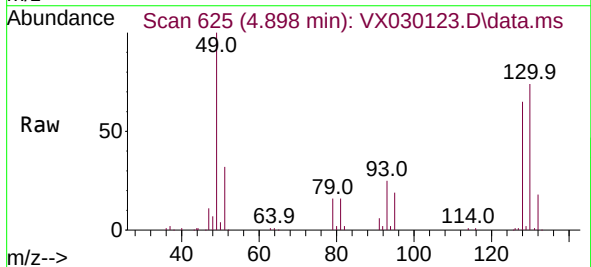
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

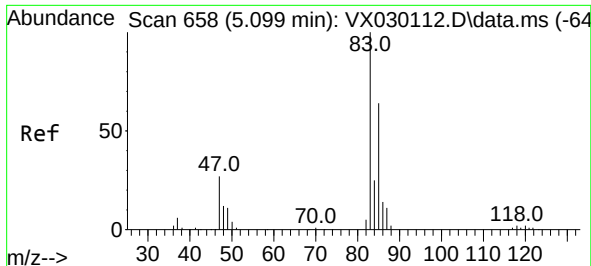
Tgt Ion: 43 Resp: 237109
Ion Ratio Lower Upper
43 100
72 25.9 13.1 39.3



#23
Bromochloromethane
Concen: 51.117 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion:128 Resp: 69017
Ion Ratio Lower Upper
128 100
49 154.3 110.0 204.4
130 114.7 86.0 159.6
51 50.1 38.6 58.0

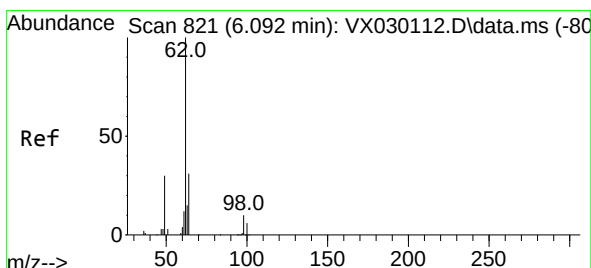
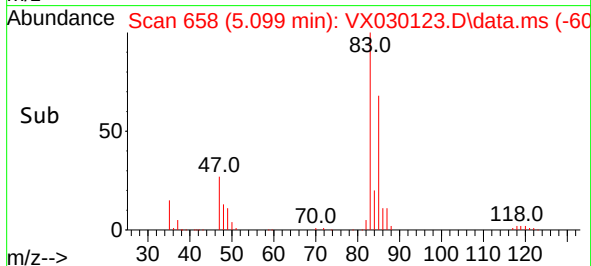
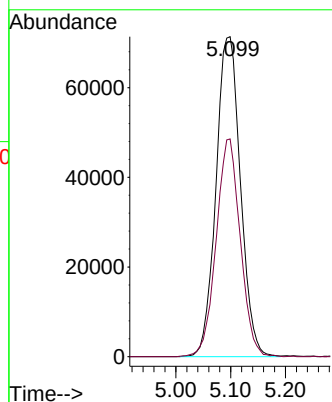
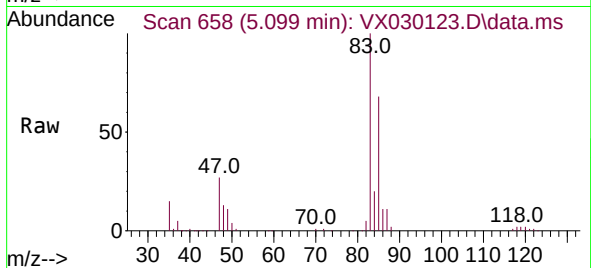




#25
Chloroform
Concen: 49.887 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

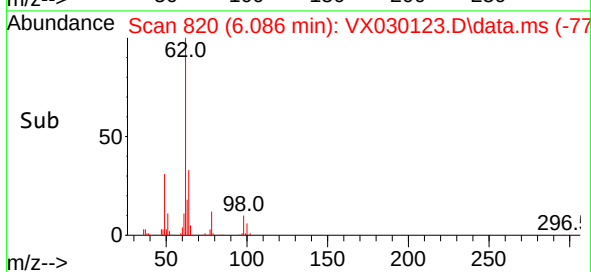
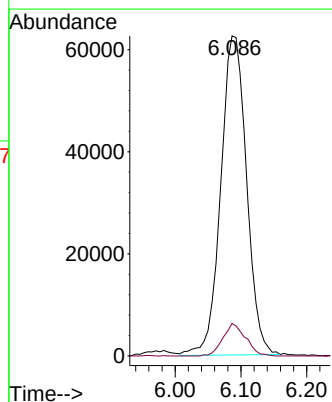
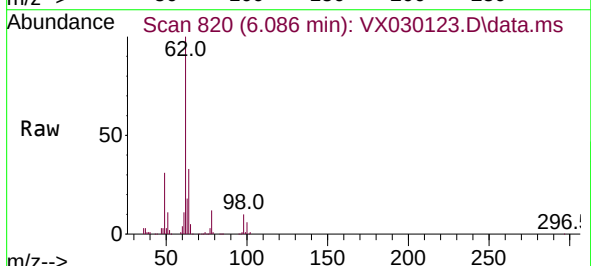
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

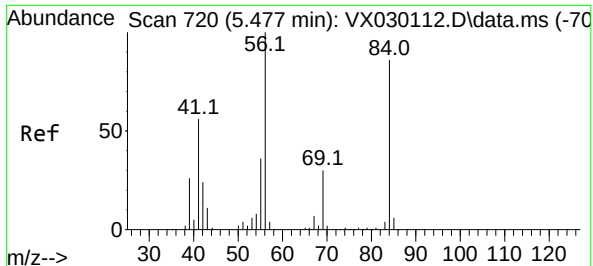
Tgt Ion: 83 Resp: 221181
Ion Ratio Lower Upper
83 100
85 68.1 44.7 82.9



#27
1,2-Dichloroethane
Concen: 51.218 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 62 Resp: 170551
Ion Ratio Lower Upper
62 100
98 10.2 8.0 12.0





#29

Cyclohexane

Concen: 51.495 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

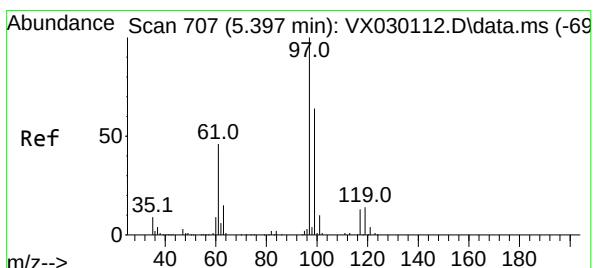
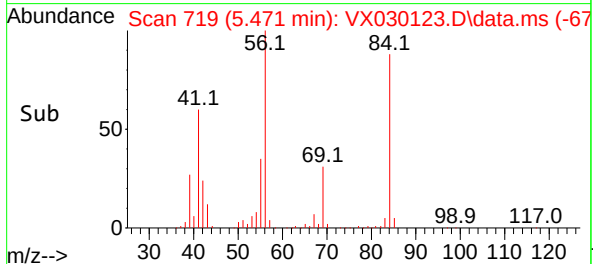
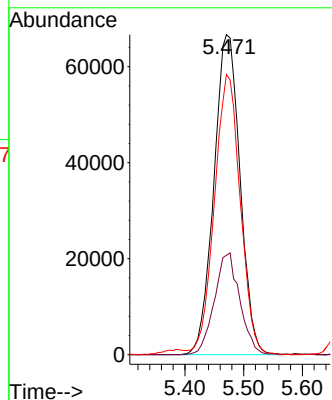
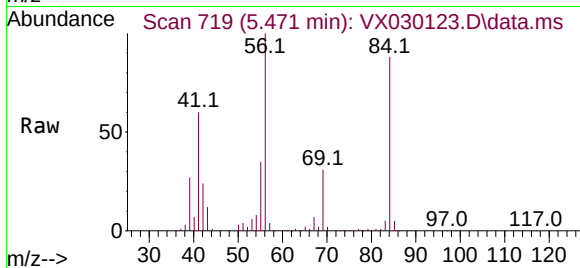
Tgt Ion: 56 Resp: 206349

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 85.4 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 50.775 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

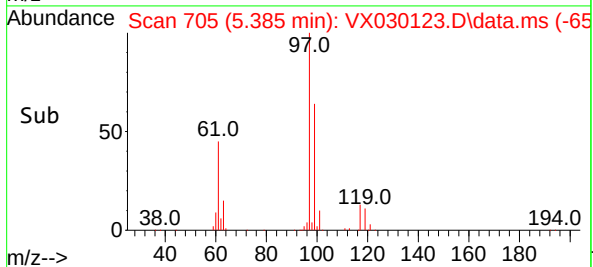
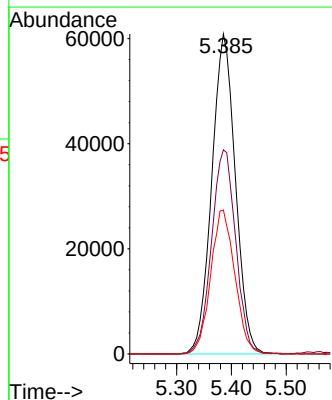
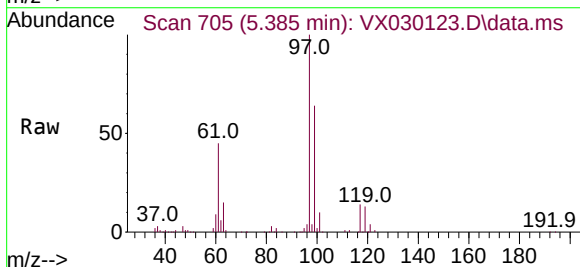
Tgt Ion: 97 Resp: 182527

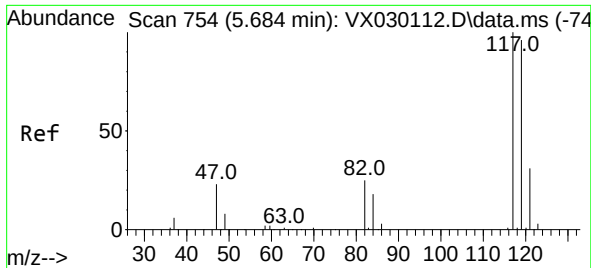
Ion Ratio Lower Upper

97 100

99 65.1 51.2 76.8

61 45.9 36.8 55.2

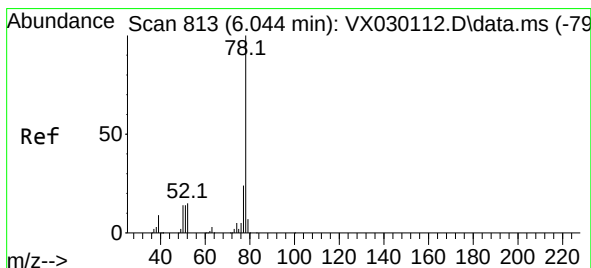
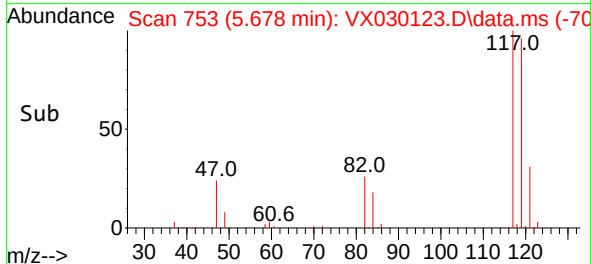
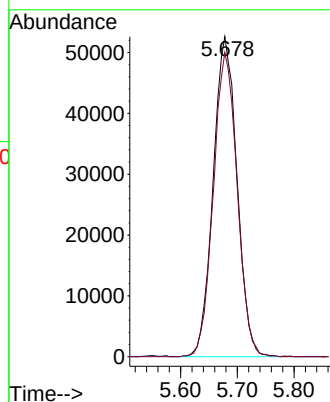
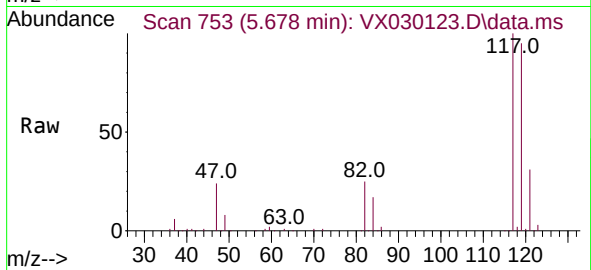




#31
Carbon tetrachloride
Concen: 51.764 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

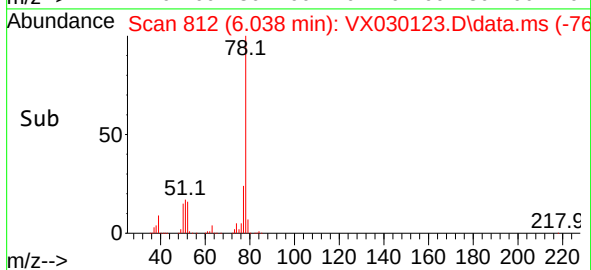
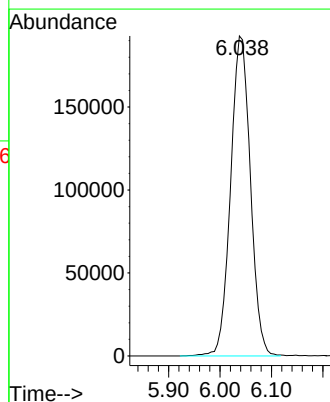
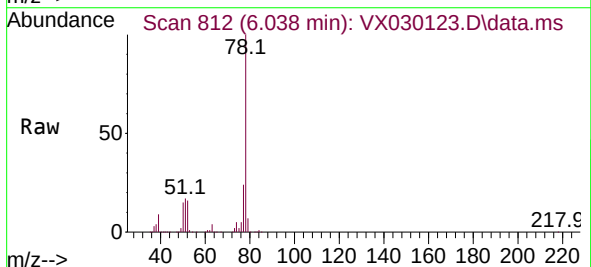
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

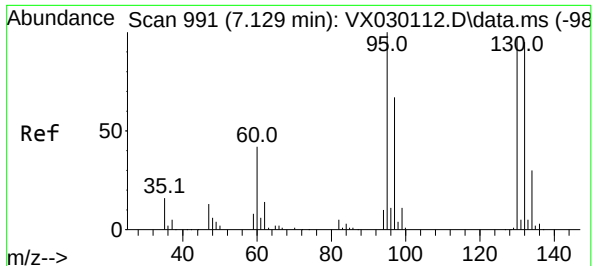
Tgt Ion:117 Resp: 153284
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2



#33
Benzene
Concen: 50.732 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 78 Resp: 516122

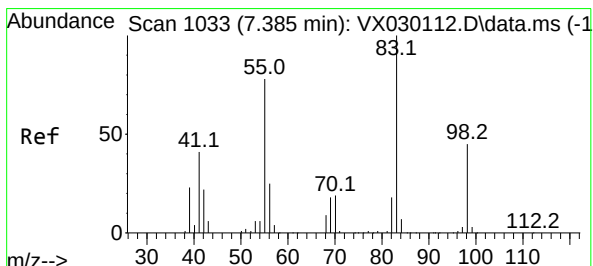
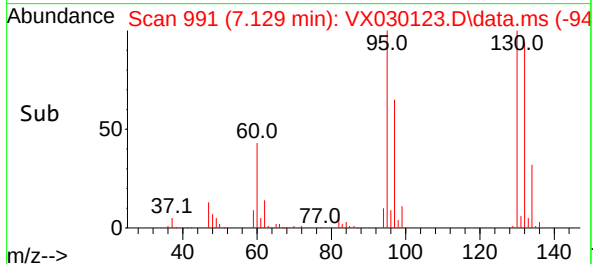
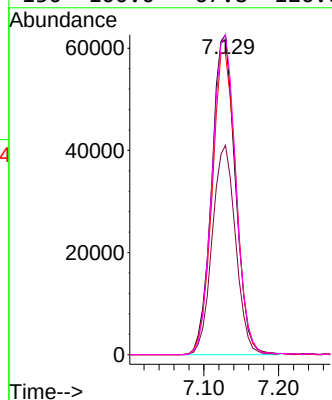
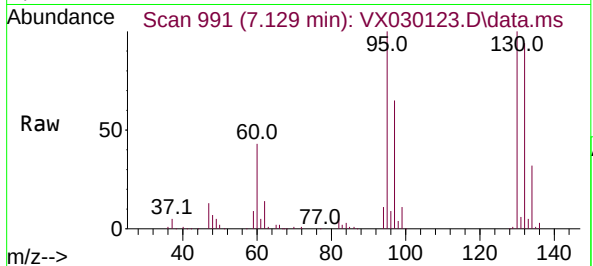




#34
Trichloroethene
Concen: 50.471 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

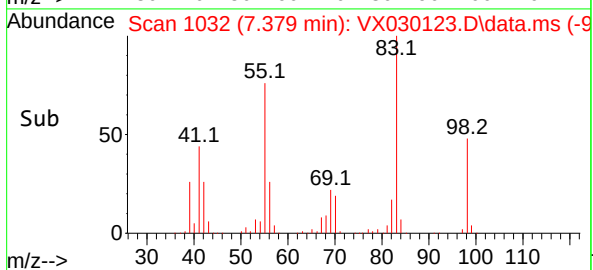
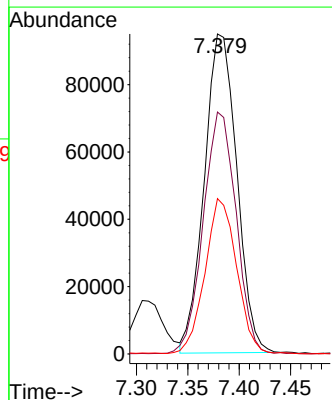
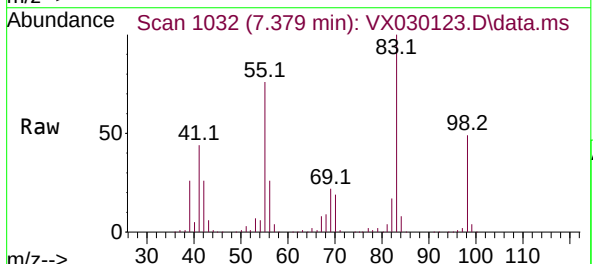
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

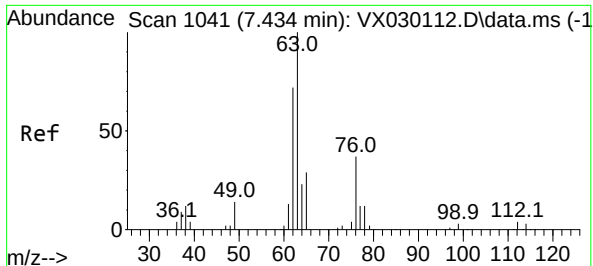
Tgt Ion: 95 Resp: 137527
Ion Ratio Lower Upper
95 100
97 65.5 46.6 86.6
132 94.1 66.4 123.2
130 100.0 67.8 126.0



#35
Methylcyclohexane
Concen: 50.857 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 83 Resp: 208476
Ion Ratio Lower Upper
83 100
55 76.4 59.7 89.5
98 47.5 37.0 55.6





#37

1,2-Dichloropropane

Concen: 50.313 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

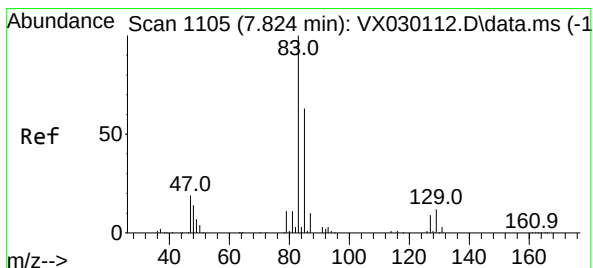
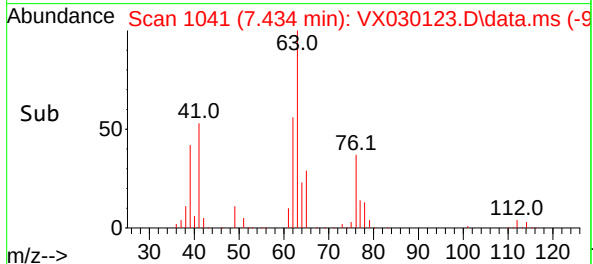
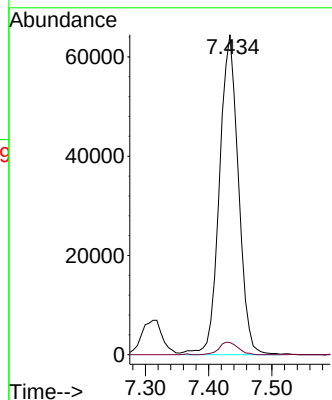
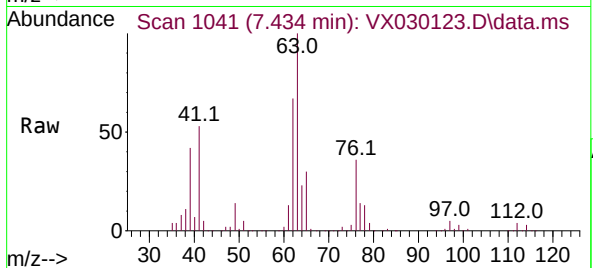
VSTD050761

Tgt Ion: 63 Resp: 133961

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 51.369 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

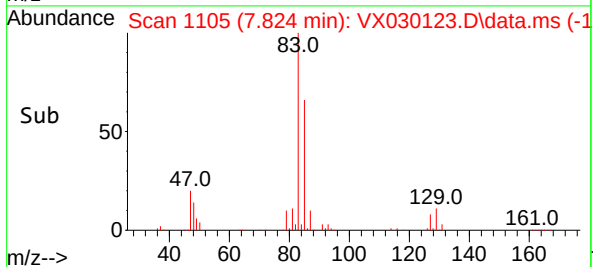
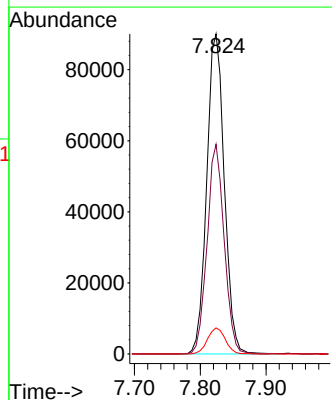
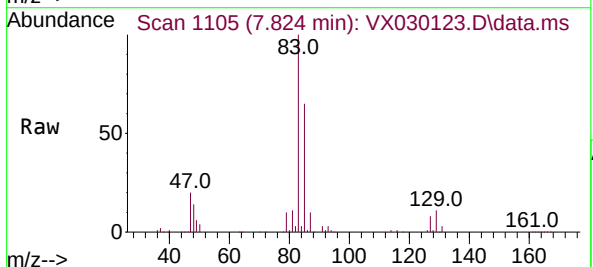
Tgt Ion: 83 Resp: 167347

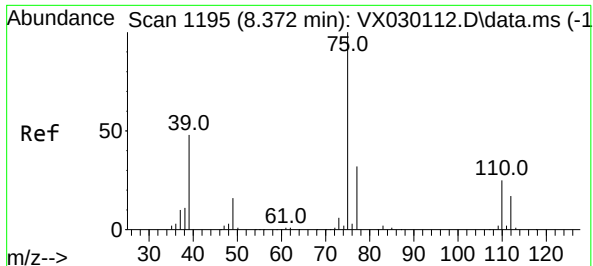
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.292 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

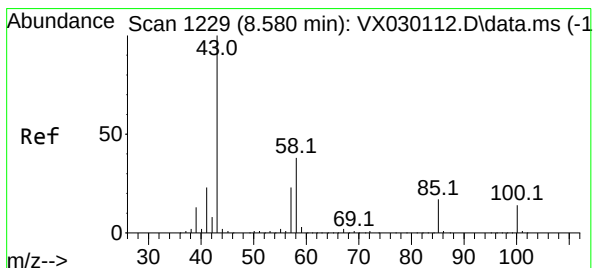
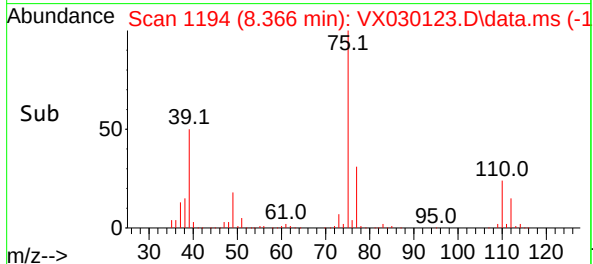
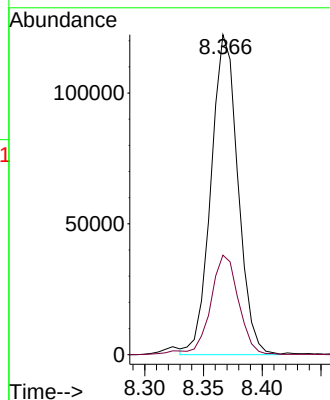
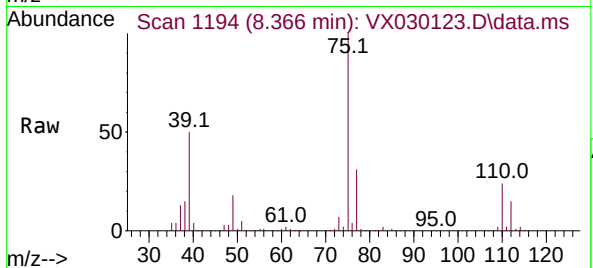
VSTD050761

Tgt Ion: 75 Resp: 195224

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 105.100 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

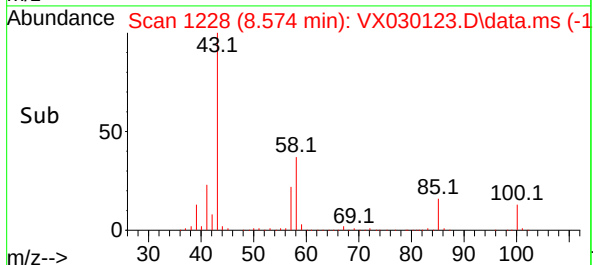
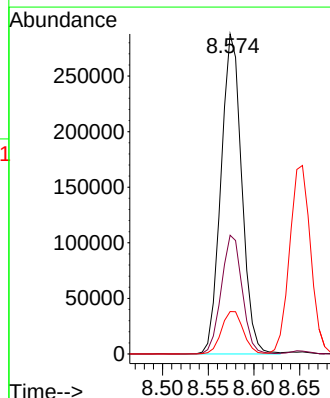
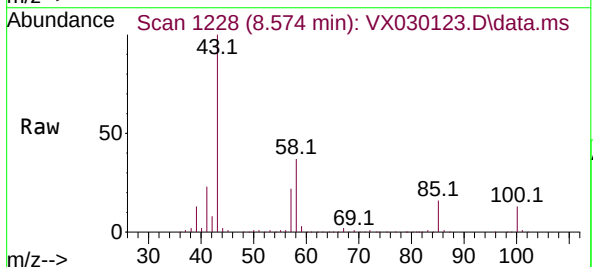
Tgt Ion: 43 Resp: 455207

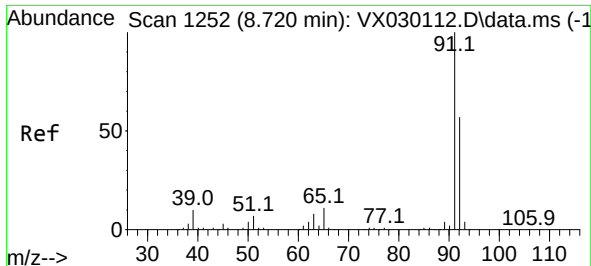
Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3

100 13.9 11.5 17.3

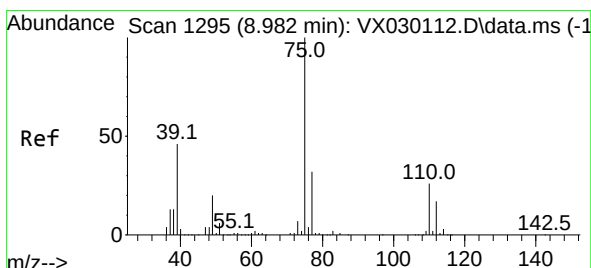
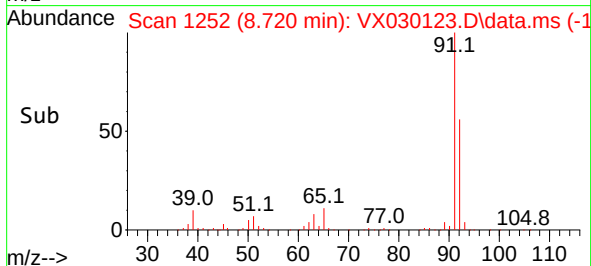
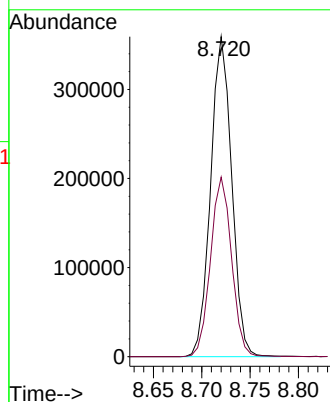
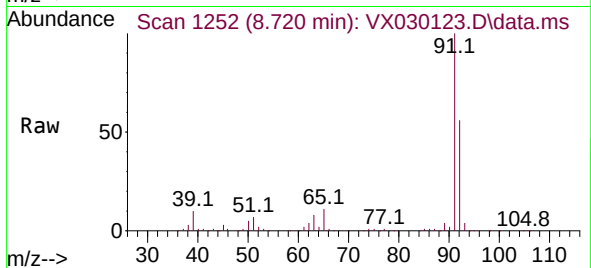




#42
Toluene
Concen: 51.593 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

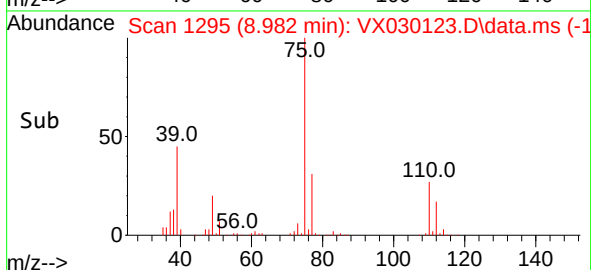
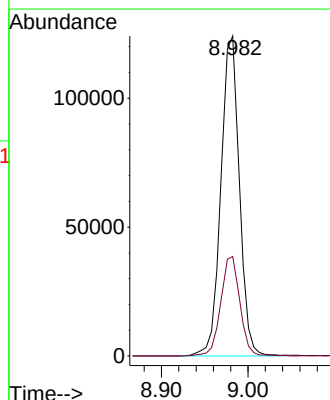
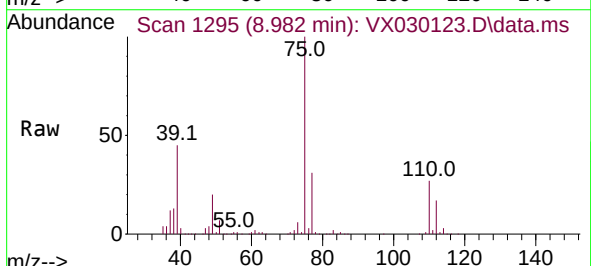
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

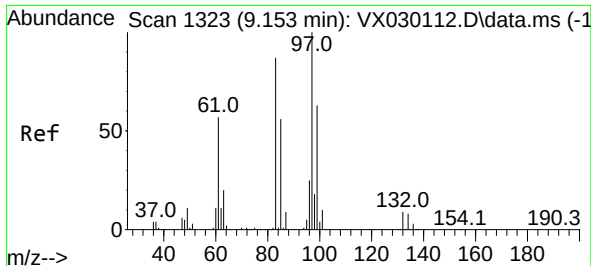
Tgt Ion: 91 Resp: 544990
Ion Ratio Lower Upper
91 100
92 56.1 39.6 73.6



#44
trans-1,3-Dichloropropene
Concen: 51.623 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 75 Resp: 184004
Ion Ratio Lower Upper
75 100
77 31.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 51.477 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

Tgt Ion: 97 Resp: 131165

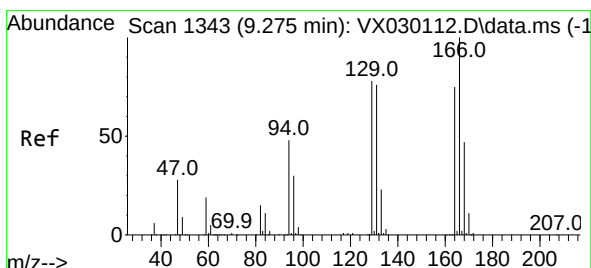
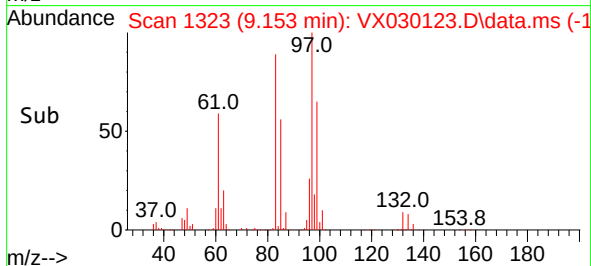
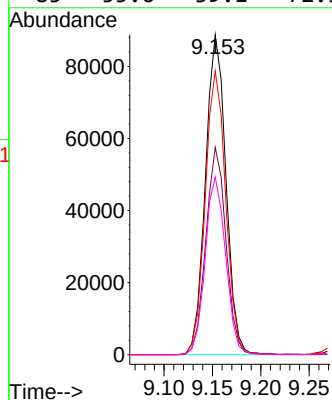
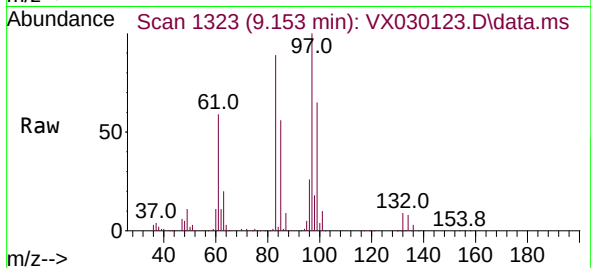
Ion Ratio Lower Upper

97 100

99 64.8 43.8 81.4

83 88.6 61.2 113.8

85 55.6 39.1 72.5



#46

Tetrachloroethene

Concen: 49.983 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Tgt Ion:164 Resp: 94353

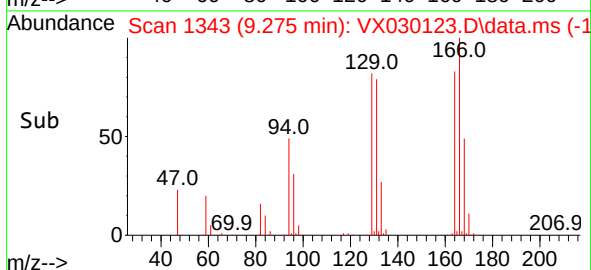
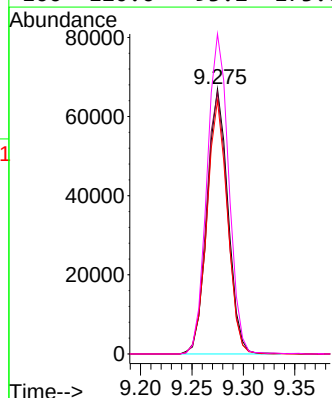
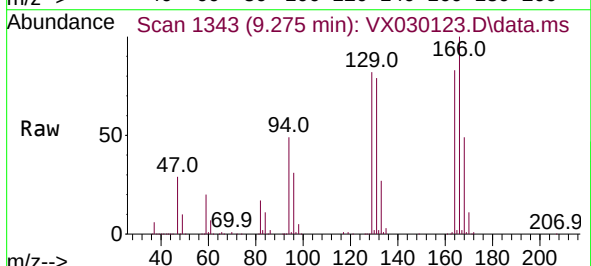
Ion Ratio Lower Upper

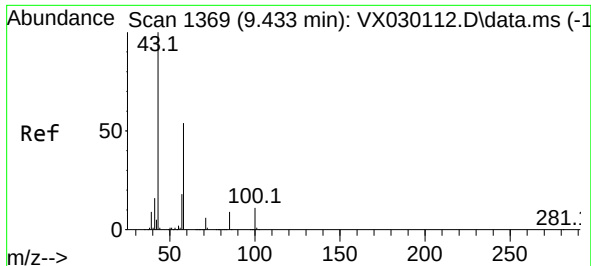
164 100

129 98.7 73.0 135.6

131 95.6 70.7 131.3

166 120.6 93.2 173.0

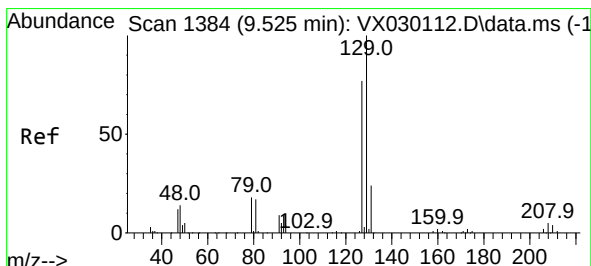
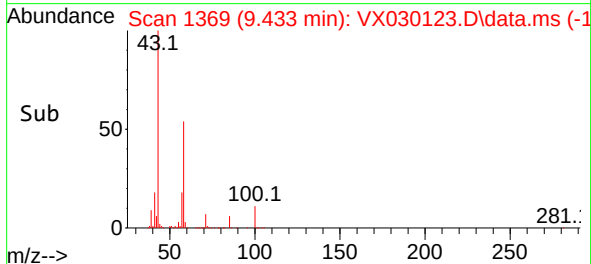
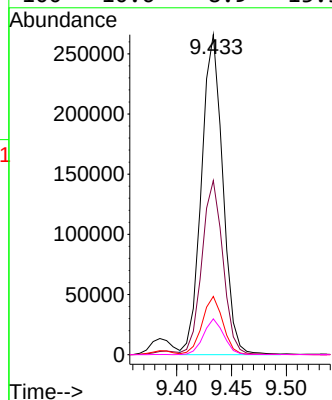
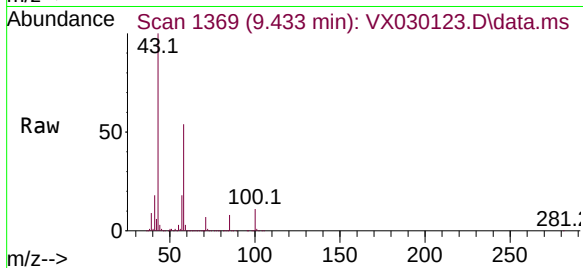




#48
2-Hexanone
Concen: 103.571 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

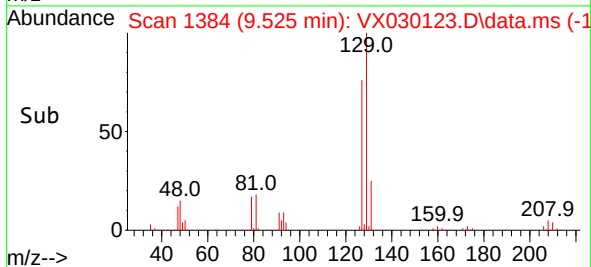
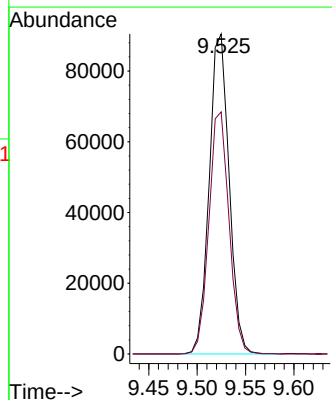
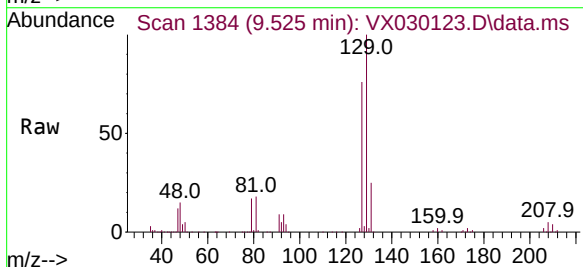
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

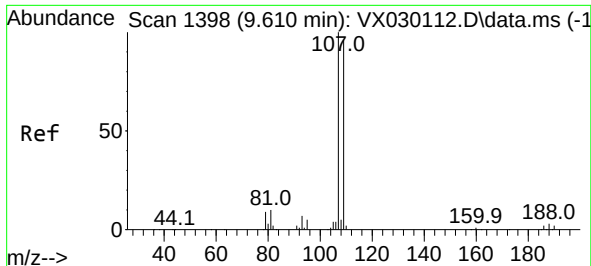
Tgt Ion: 43 Resp: 360227
Ion Ratio Lower Upper
43 100
58 53.7 43.4 65.2
57 17.8 14.3 21.5
100 10.6 8.9 13.3



#49
Dibromochloromethane
Concen: 50.868 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 129 Resp: 129693
Ion Ratio Lower Upper
129 100
127 75.6 53.6 99.6

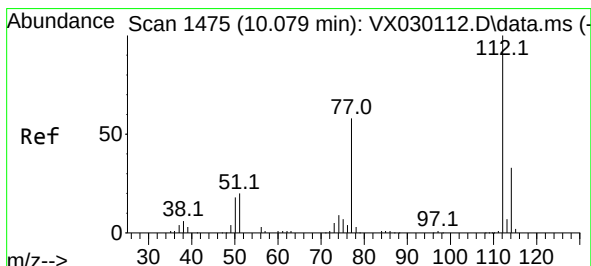
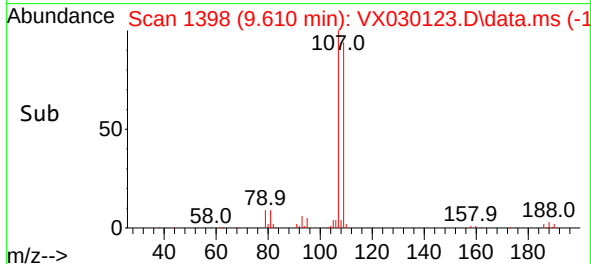
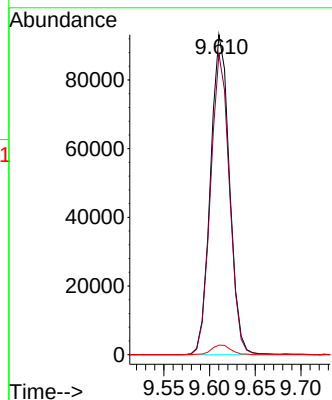
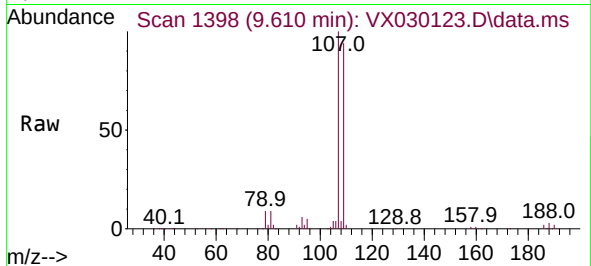




#50
1,2-Dibromoethane
Concen: 49.699 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

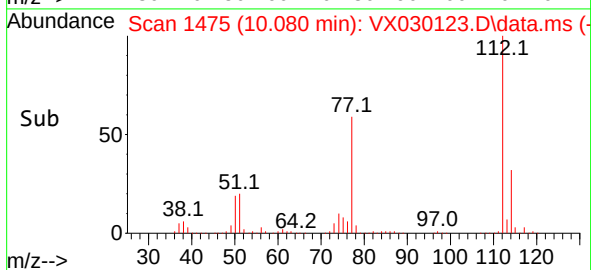
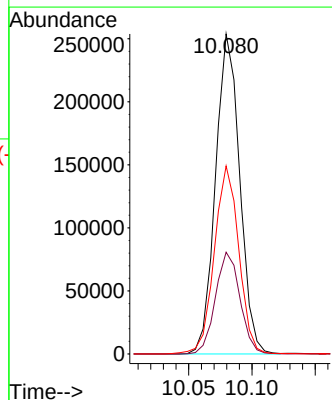
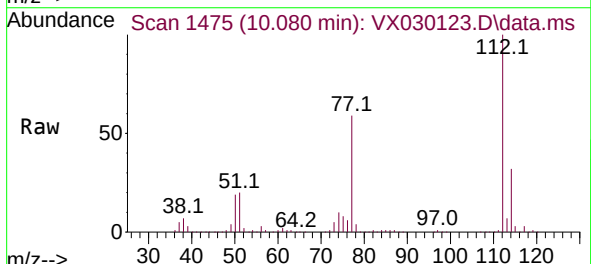
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

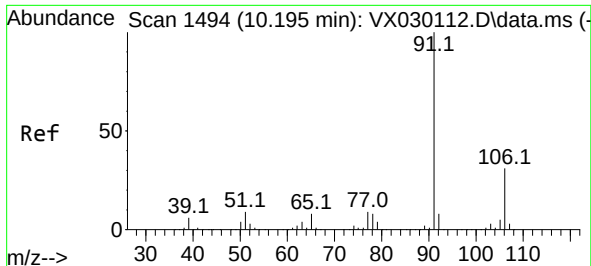
Tgt Ion:107 Resp: 134475
Ion Ratio Lower Upper
107 100
109 93.9 66.9 124.3
188 3.0 2.4 3.6



#51
Chlorobenzene
Concen: 50.804 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion:112 Resp: 337197
Ion Ratio Lower Upper
112 100
114 31.8 23.4 43.4
77 58.8 46.7 70.1





#52

Ethylbenzene

Concen: 51.794 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

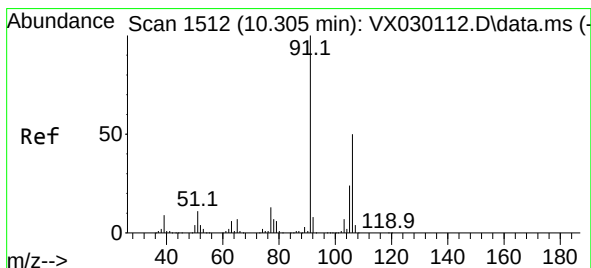
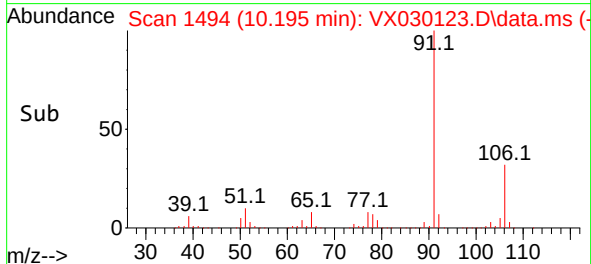
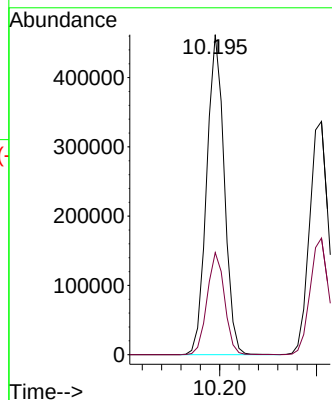
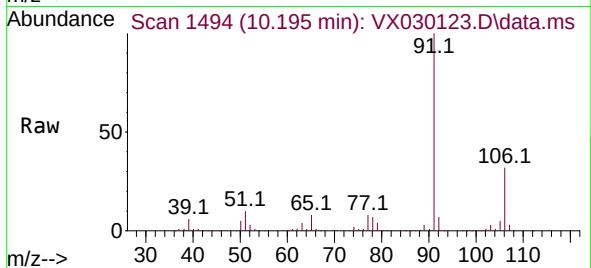
VSTD050761

Tgt Ion: 91 Resp: 583153

Ion Ratio Lower Upper

91 100

106 31.9 21.7 40.3



#53

m,p-Xylene

Concen: 51.151 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030123.D

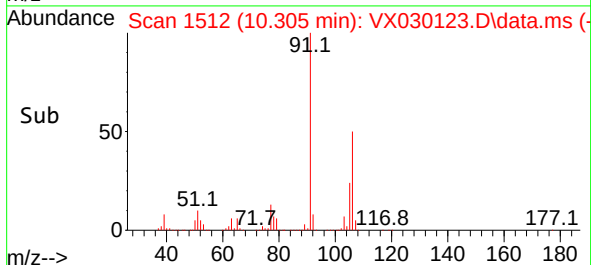
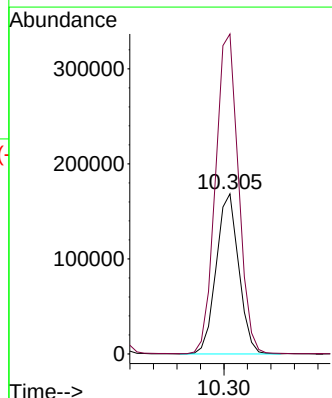
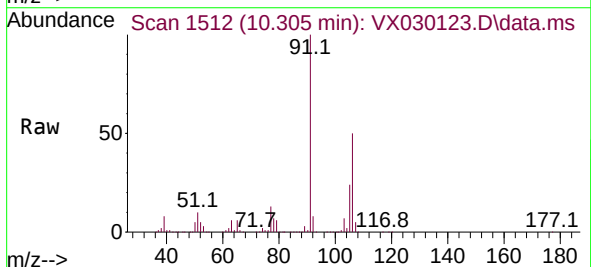
Acq: 20 Jul 2022 10:19

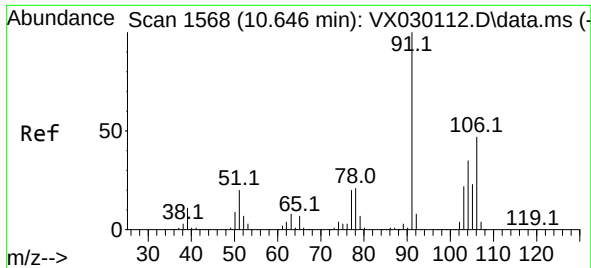
Tgt Ion: 106 Resp: 224500

Ion Ratio Lower Upper

106 100

91 199.9 139.7 259.5

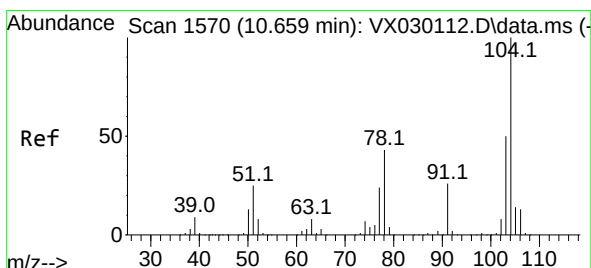
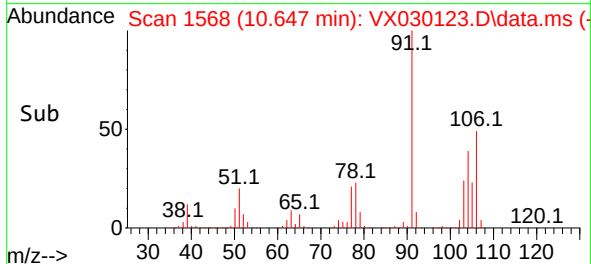
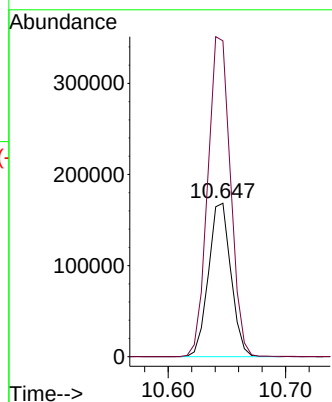
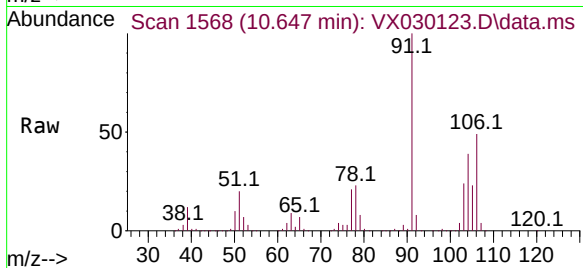




#54
o-Xylene
Concen: 52.532 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

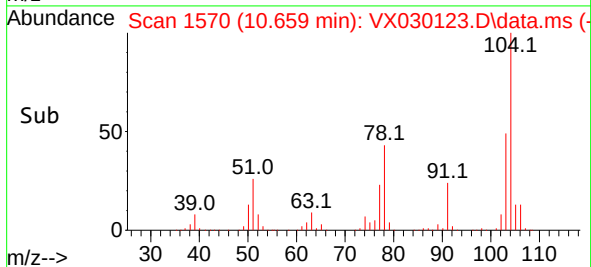
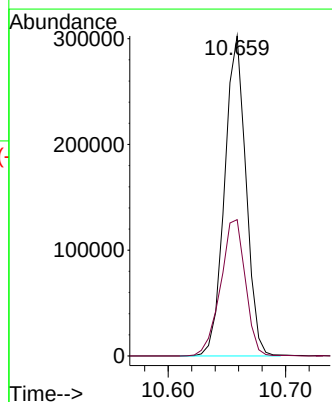
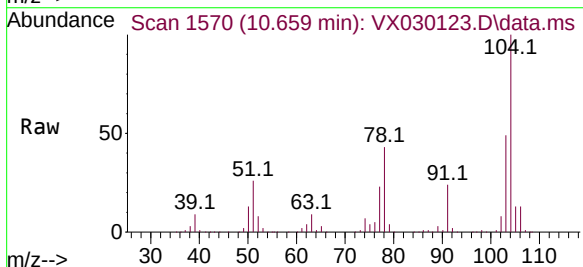
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

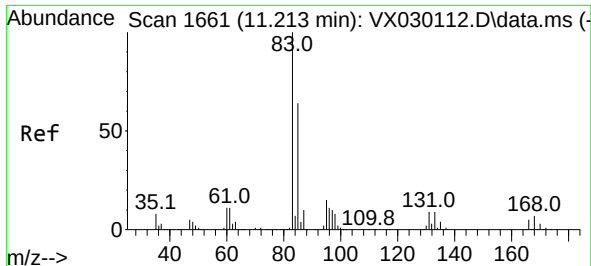
Tgt Ion:106 Resp: 223887
Ion Ratio Lower Upper
106 100
91 205.9 149.4 277.4



#55
Styrene
Concen: 51.978 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion:104 Resp: 381631
Ion Ratio Lower Upper
104 100
78 42.6 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 50.249 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

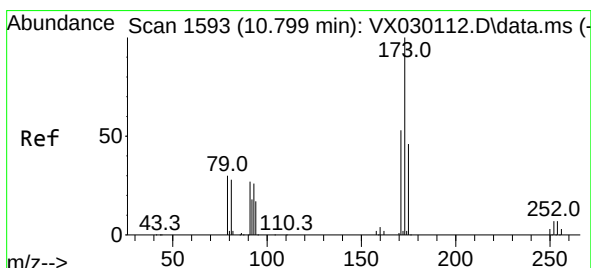
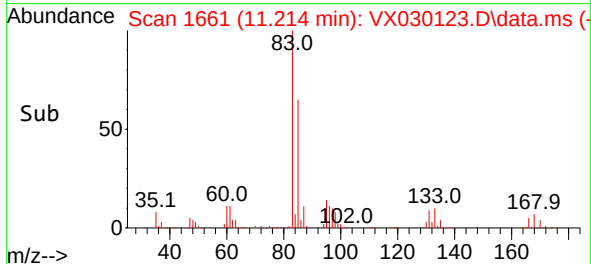
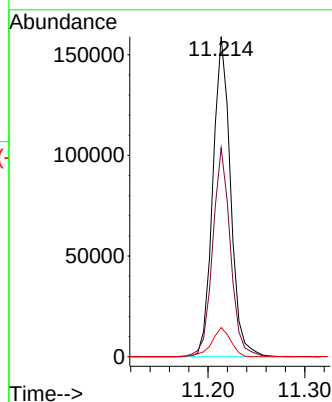
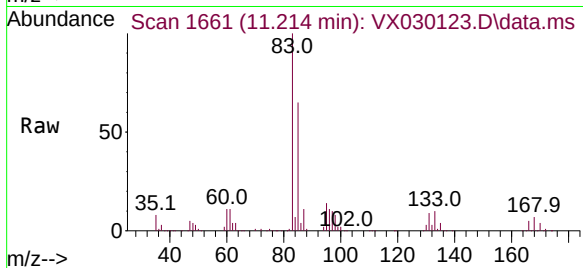
Tgt Ion: 83 Resp: 202053

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

131 9.1 7.2 10.8



#59

Bromoform

Concen: 49.373 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

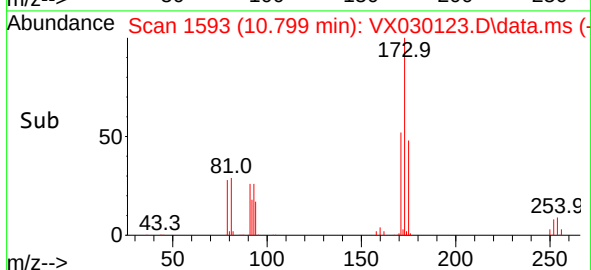
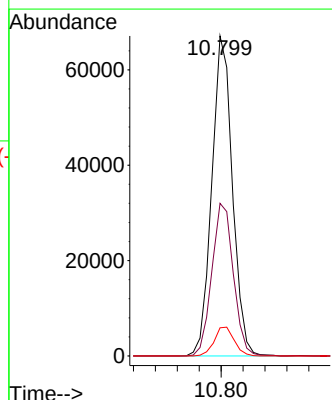
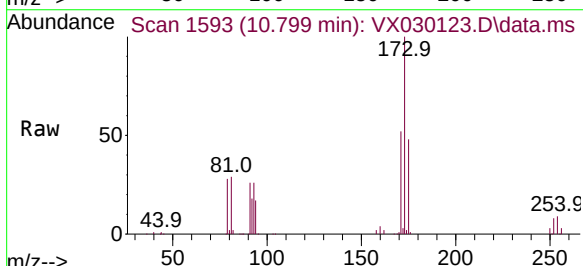
Tgt Ion:173 Resp: 87626

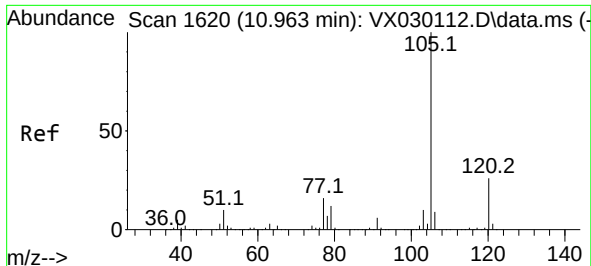
Ion Ratio Lower Upper

173 100

175 49.8 37.8 56.6

254 8.8 6.4 9.6

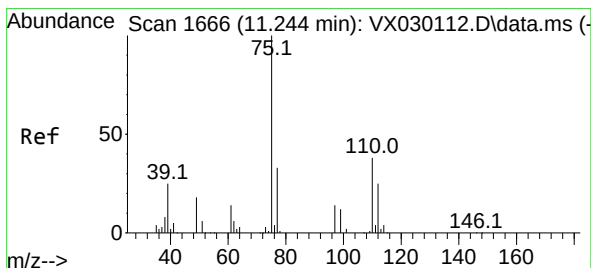
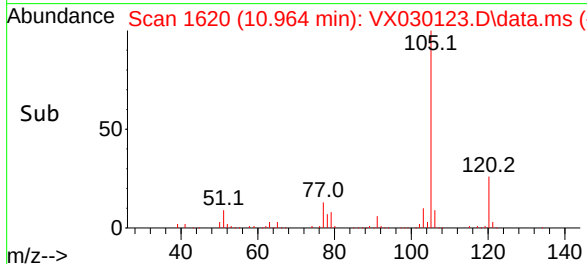
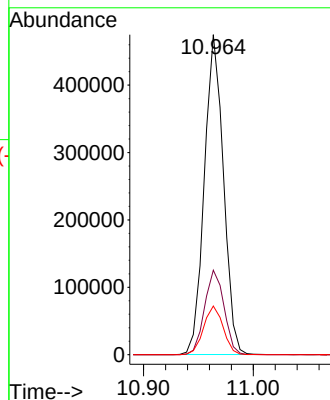
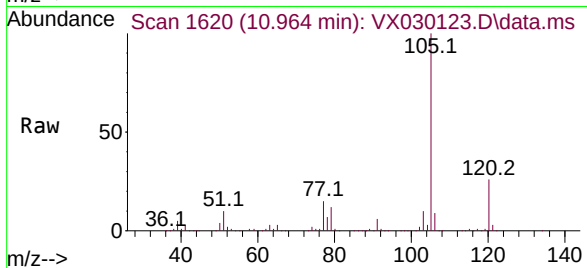




#60
Isopropylbenzene
Concen: 51.549 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

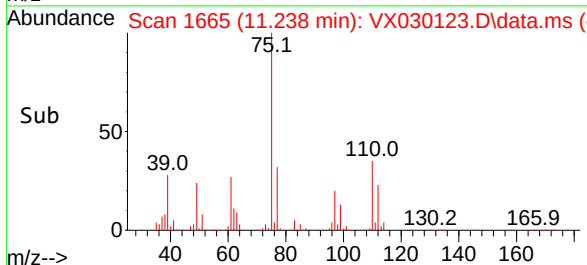
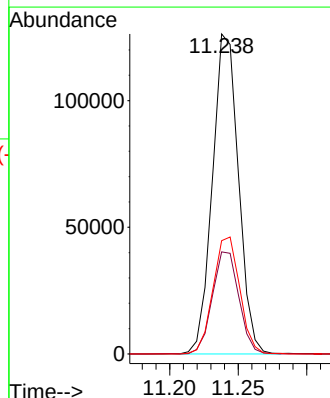
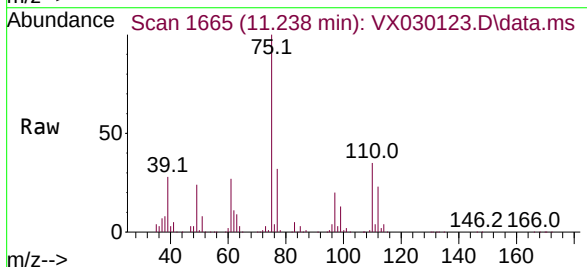
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

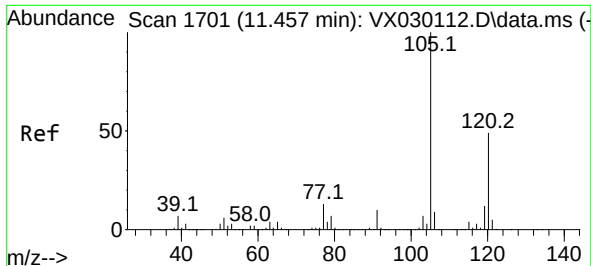
Tgt Ion:105 Resp: 574111
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 15.6 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 49.558 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion: 75 Resp: 167042
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 37.4 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 52.666 ug/L

RT: 11.451 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

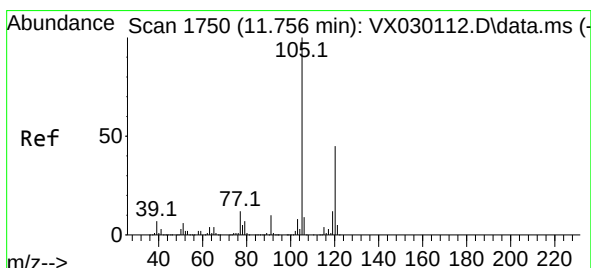
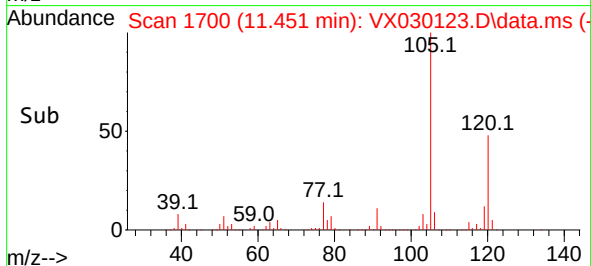
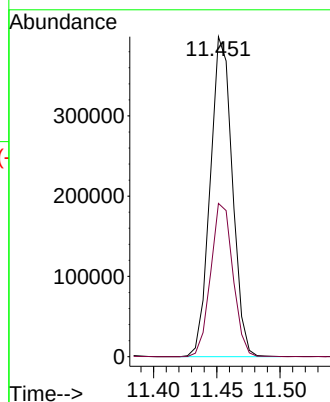
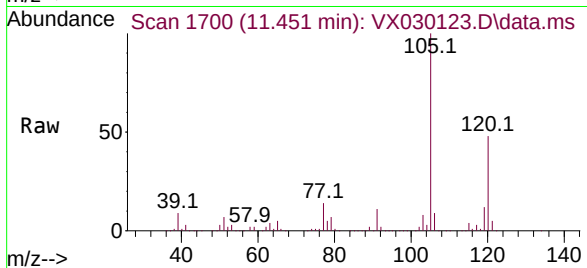
VSTD050761

Tgt Ion:105 Resp: 484680

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 53.460 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030123.D

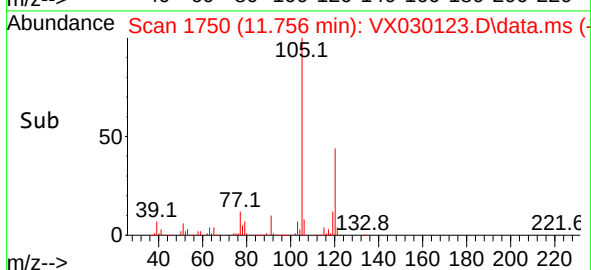
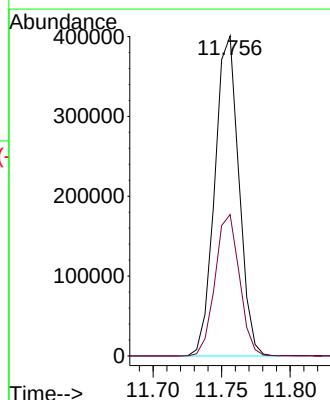
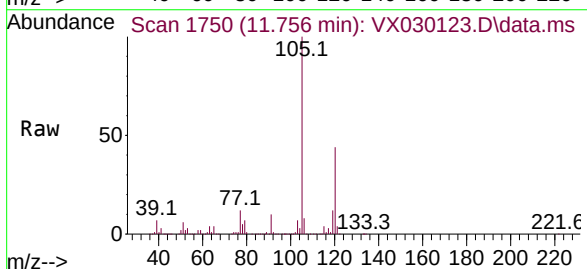
Acq: 20 Jul 2022 10:19

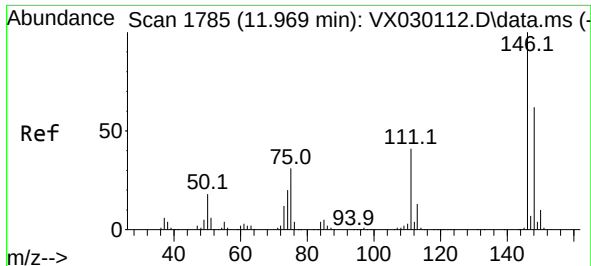
Tgt Ion:105 Resp: 490536

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4

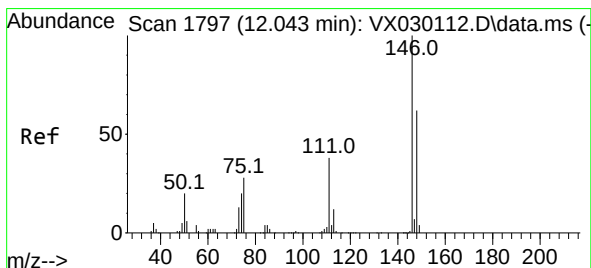
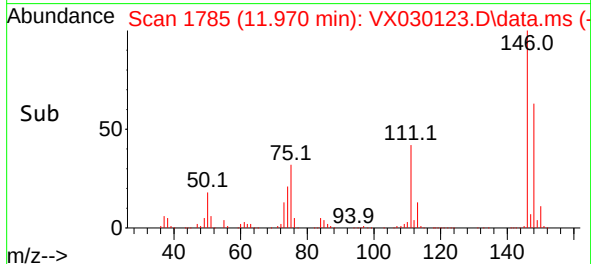
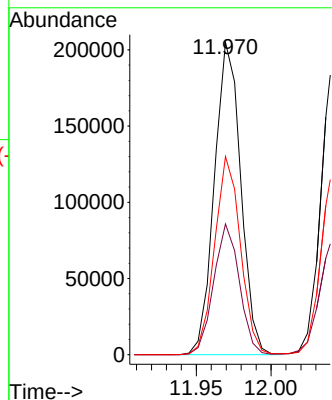
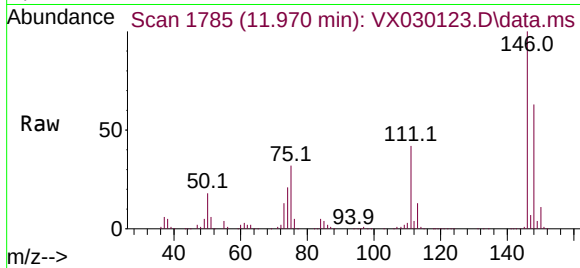




#64
1,3-Dichlorobenzene
Concen: 51.322 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

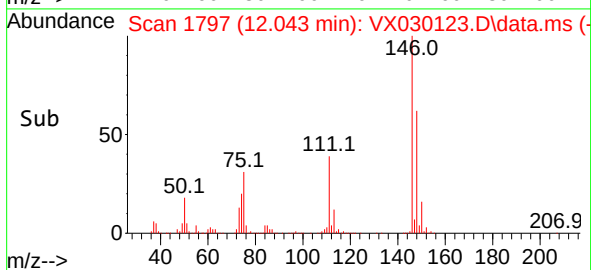
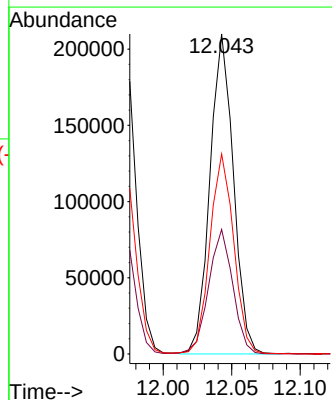
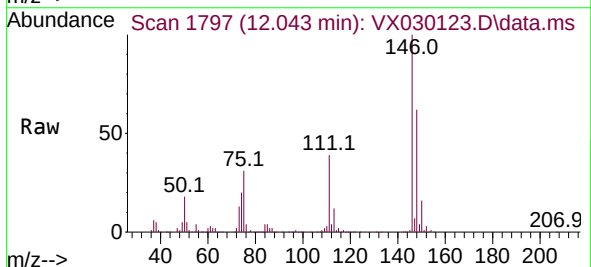
Instrument :
MSVOA_X
ClientSampleId :
VSTD050761

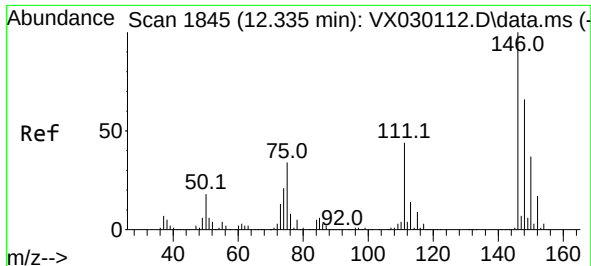
Tgt Ion:146 Resp: 251416
Ion Ratio Lower Upper
146 100
111 41.9 28.4 52.8
148 63.4 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 50.755 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030123.D
Acq: 20 Jul 2022 10:19

Tgt Ion:146 Resp: 249965
Ion Ratio Lower Upper
146 100
111 38.9 27.0 50.2
148 62.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 50.724 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

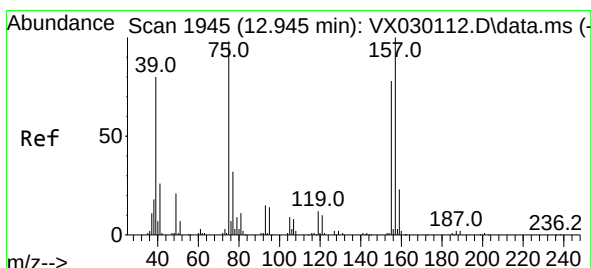
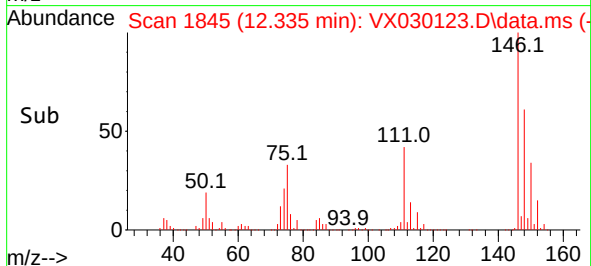
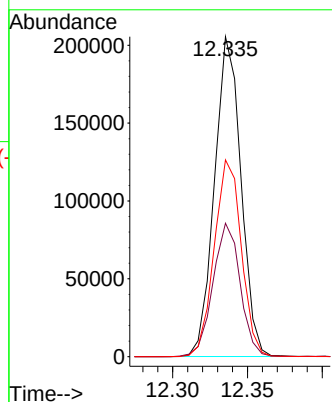
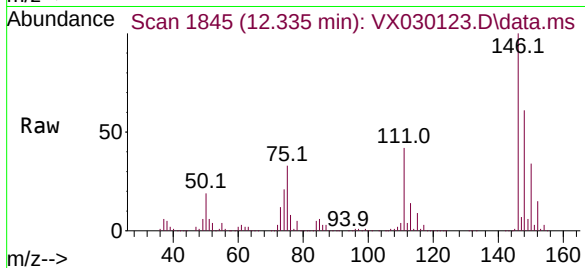
Tgt Ion:146 Resp: 252786

Ion Ratio Lower Upper

146 100

111 41.7 35.4 53.0

148 61.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 47.151 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

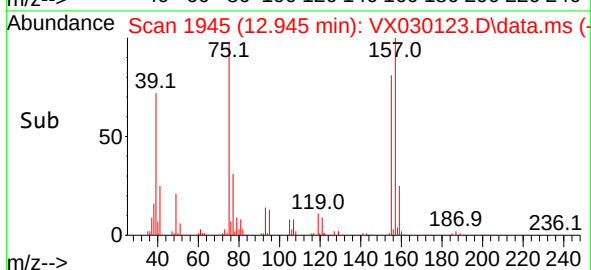
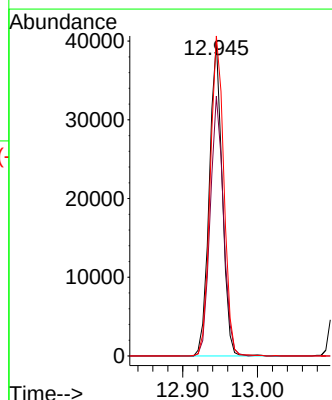
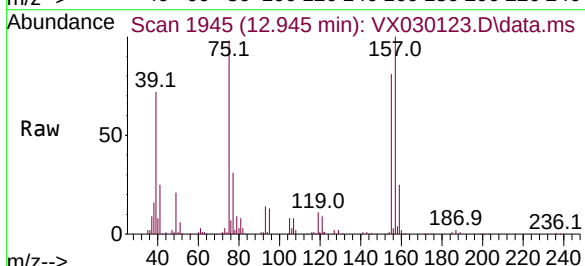
Tgt Ion: 75 Resp: 47729

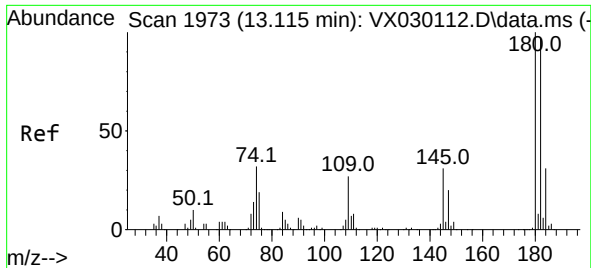
Ion Ratio Lower Upper

75 100

155 82.7 63.6 95.4

157 101.8 81.8 122.8

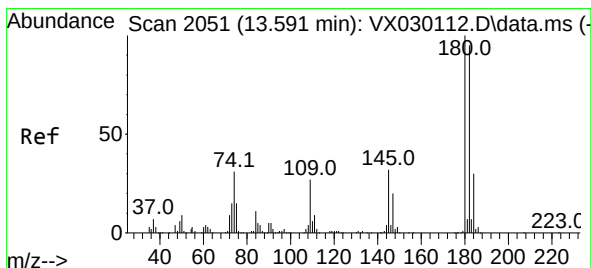
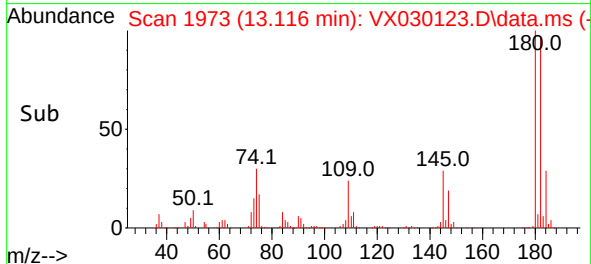
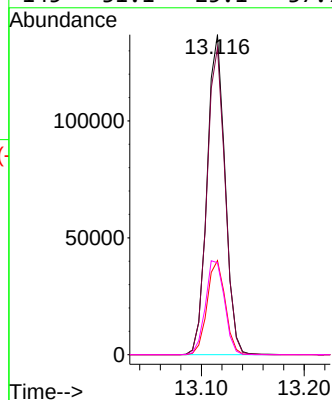
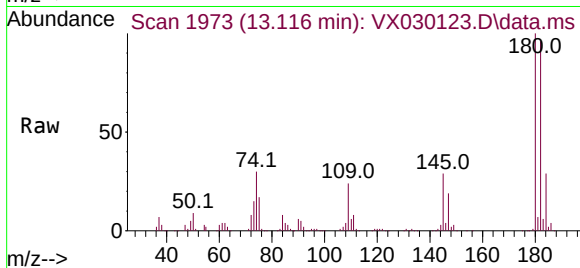




#69
 1,3,5-Trichlorobenzene
 Concen: 50.363 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

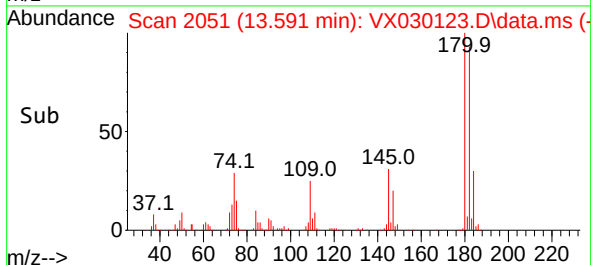
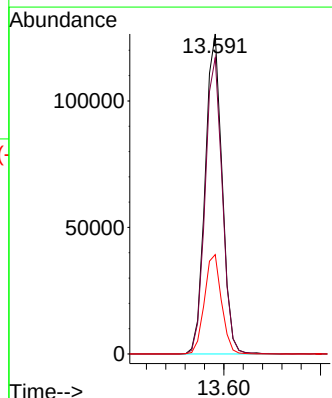
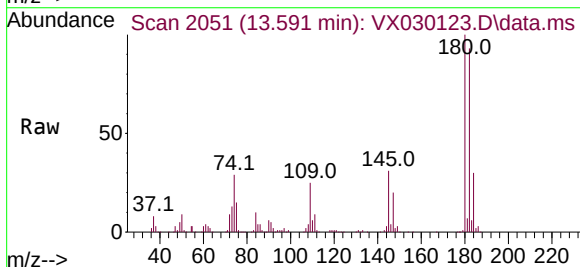
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050761

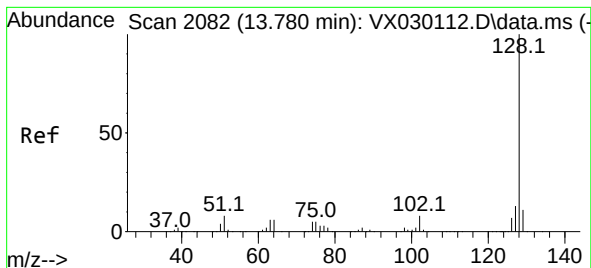
Tgt Ion:	180	Resp:	166589
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.1	112.7
184	29.6	23.8	35.6
145	31.1	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 53.156 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030123.D
 Acq: 20 Jul 2022 10:19

Tgt Ion:	180	Resp:	154326
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.2	112.8
145	31.3	26.2	39.2





#71

Naphthalene

Concen: 52.930 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD050761

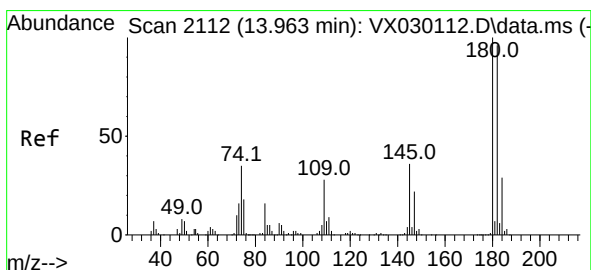
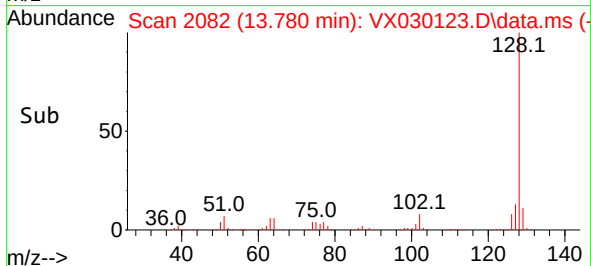
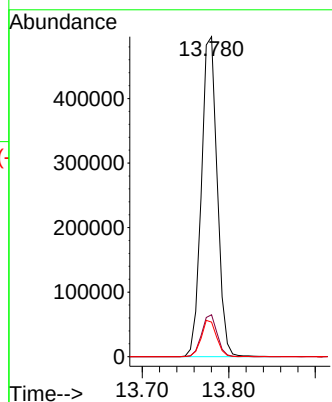
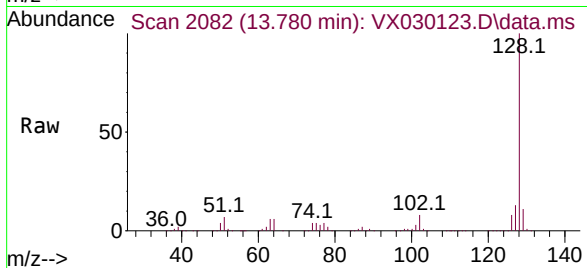
Tgt Ion:128 Resp: 628678

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.898 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030123.D

Acq: 20 Jul 2022 10:19

Tgt Ion:180 Resp: 156996

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 34.9 28.0 42.0

