

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020329.D
 Acq On : 23 Dec 2020 01:59
 Operator : JC/MD
 Sample : L5095-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Quant Time: Dec 23 05:06:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

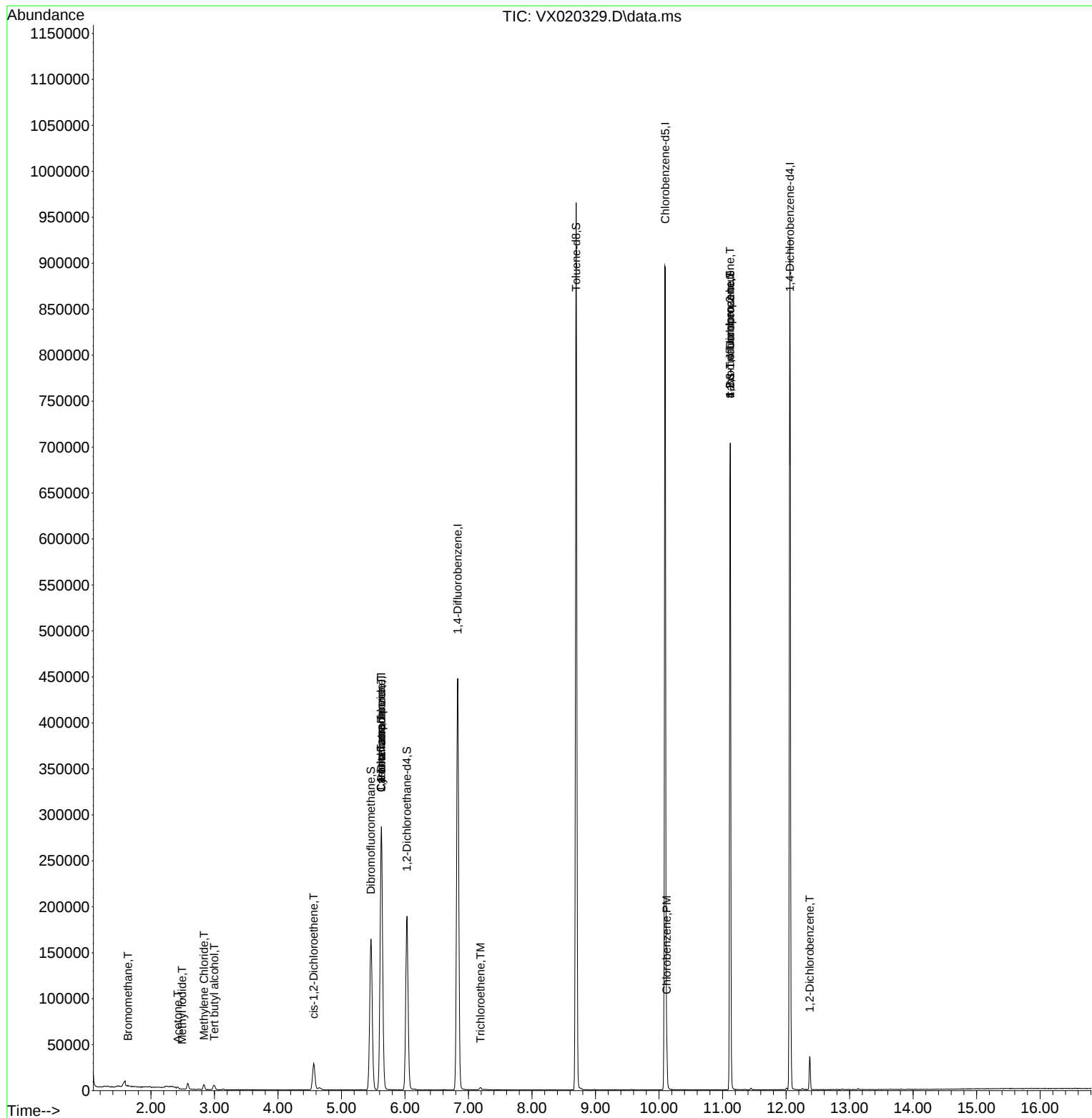
Internal Standards						
1) Pentafluorobenzene	5.629	168	267155	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	455831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	423079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	177831	49.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.32%		
35) Dibromofluoromethane	5.464	113	143629	49.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.52%		
50) Toluene-d8	8.695	98	551555	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.28%		
62) 4-Bromofluorobenzene	11.122	95	195914	45.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.22%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	564	0.48	ug/l	96
10) Methyl Iodide	2.489	142	183	3.33	ug/l #	42
11) Tert butyl alcohol	2.995	59	3352	4.18	ug/l #	73
16) Acetone	2.422	43	2018	1.24	ug/l	95
20) Methylene Chloride	2.837	84	2649	0.72	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	18615	4.98	ug/l	92
31) Cyclohexane	5.623	56	5439	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20778	4.61	ug/l #	49
38) Carbon Tetrachloride	5.623	117	27194	6.35	ug/l #	17
44) Trichloroethene	7.190	130	975	0.27	ug/l	93
65) Chlorobenzene	10.122	112	19130	2.11	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	96168	20.88	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	96168	61.94	ug/l #	12
91) 1,2-Dichlorobenzene	12.372	146	11541	1.82	ug/l	97

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

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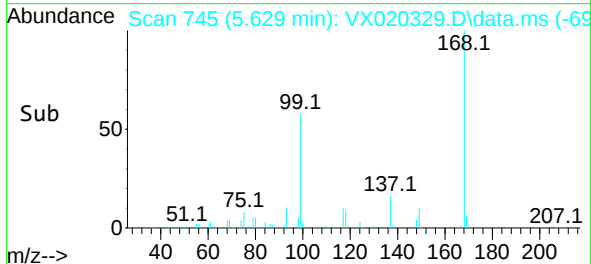
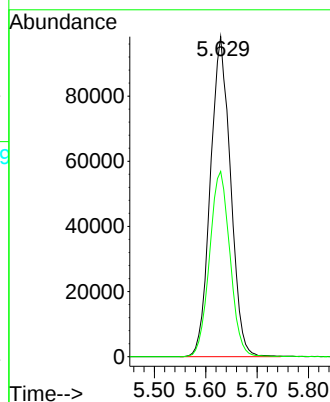
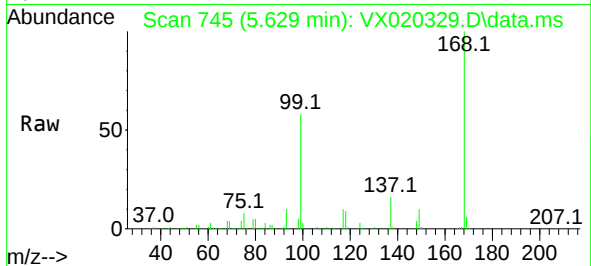




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

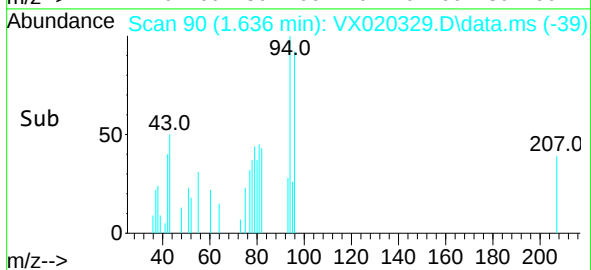
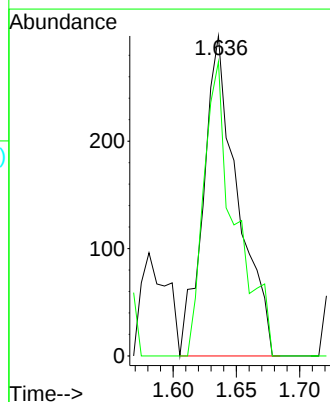
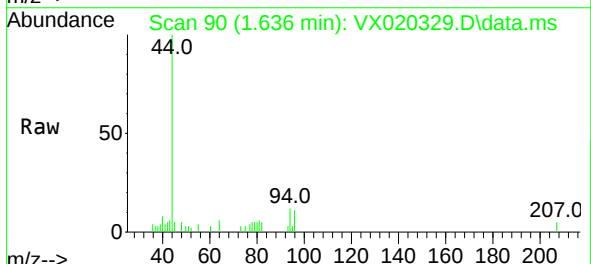
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

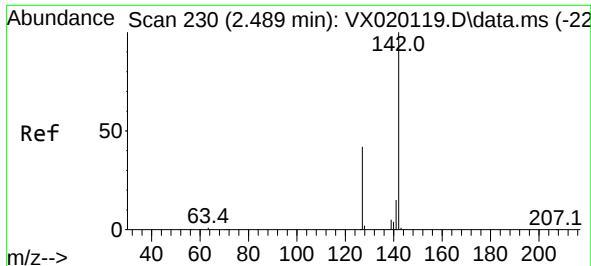
Tgt Ion:168 Resp: 267155
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 91.9 76.4 114.6

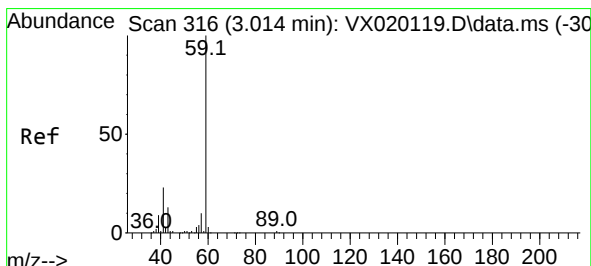
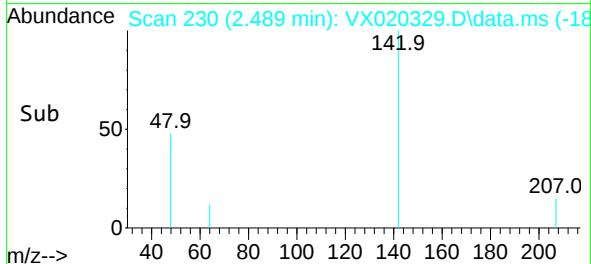
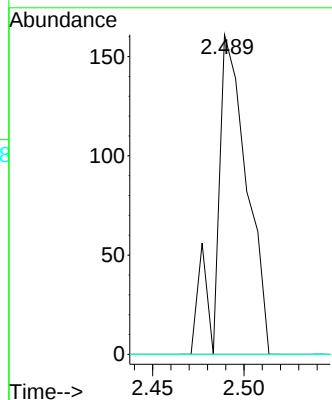
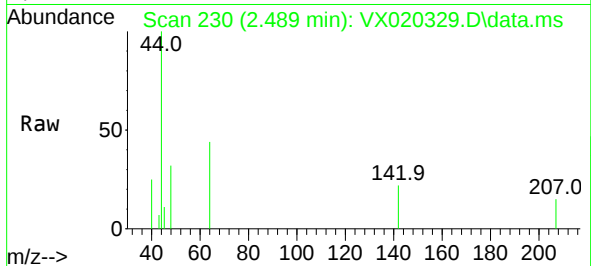




#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

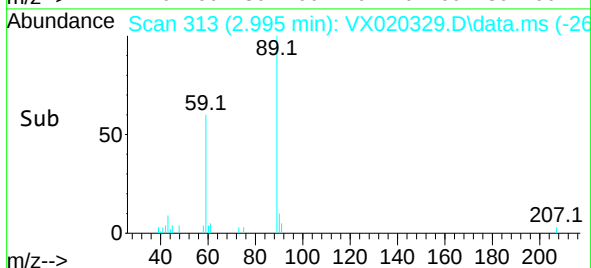
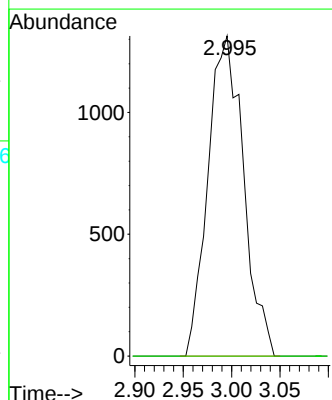
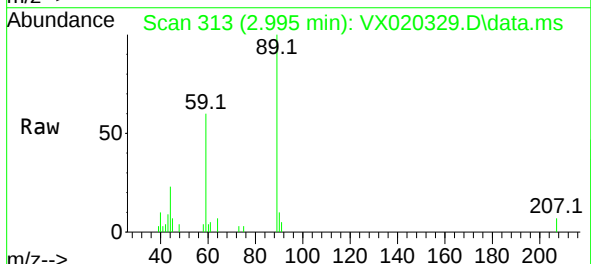
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

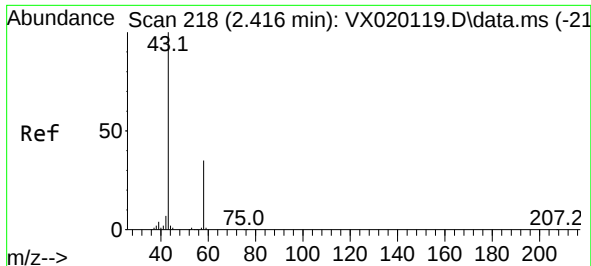
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.18 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion: 59 Resp: 3352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

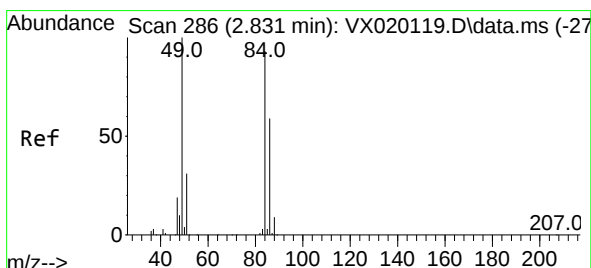
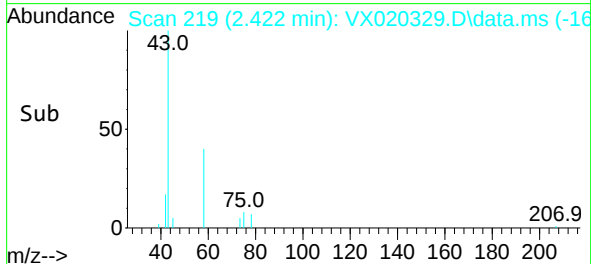
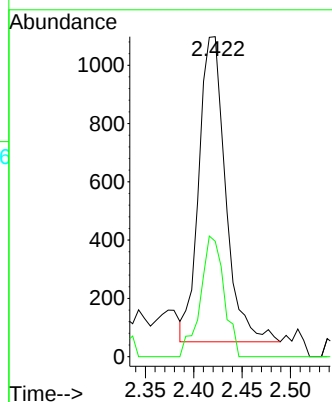
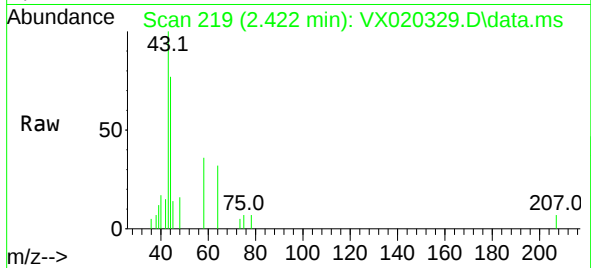




#16
Acetone
Concen: 1.24 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

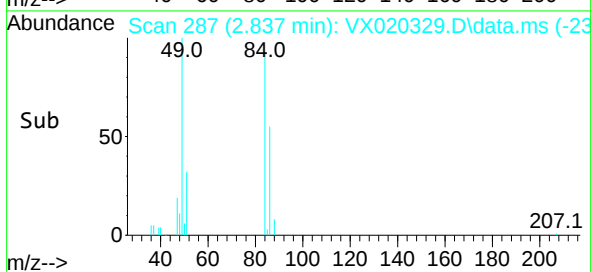
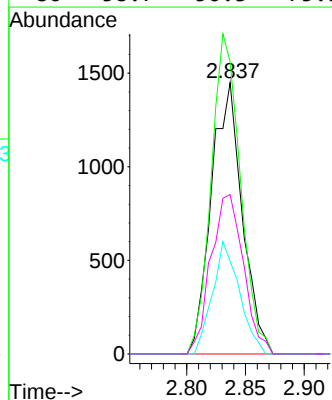
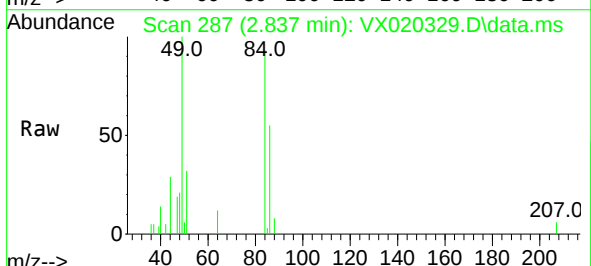
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

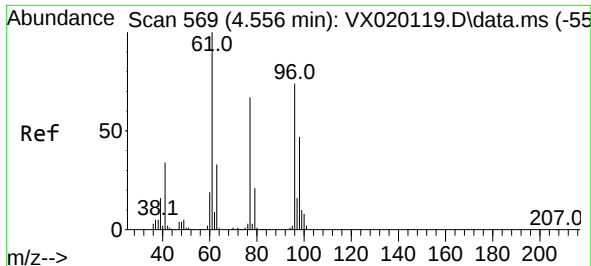
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
58 37.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion: 84 Resp: 2649
Ion Ratio Lower Upper
84 100
49 107.7 88.6 132.8
51 34.2 27.0 40.6
86 58.7 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 4.98 ug/l

RT: 4.562 min Scan# 570

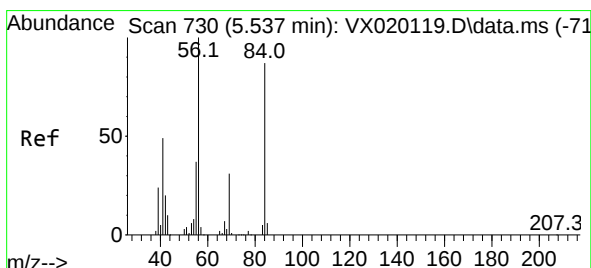
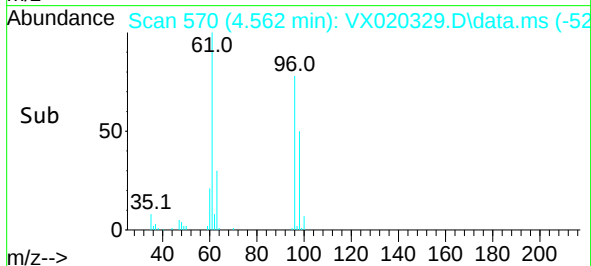
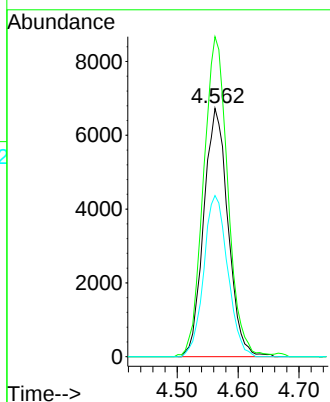
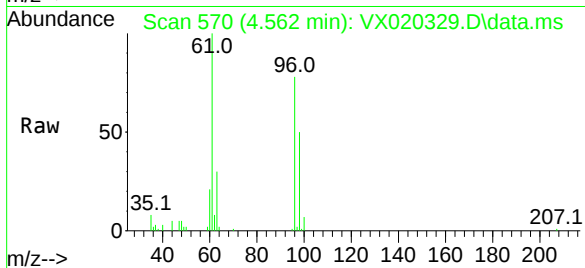
Delta R.T. 0.006 min

Lab File: VX020329.D

Acq: 23 Dec 2020 01:59

Tgt Ion:	96	Resp:	18615
Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	285.6
98	64.0	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



#31

Cyclohexane

Concen: 1.10 ug/l

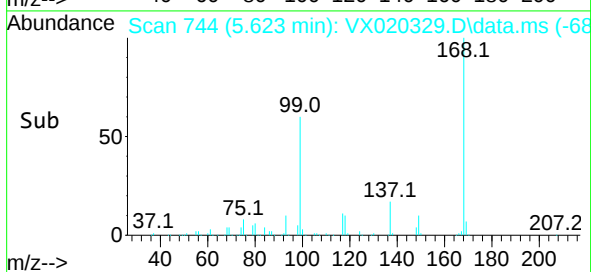
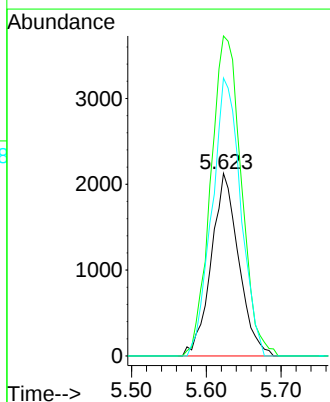
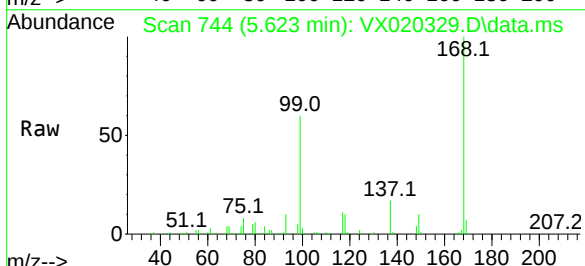
RT: 5.623 min Scan# 744

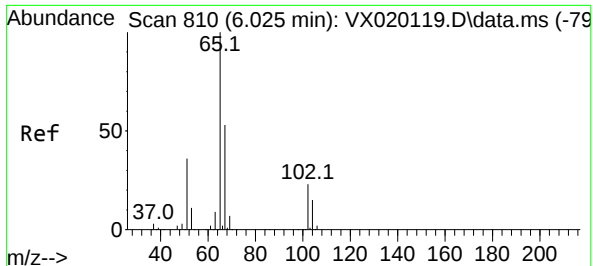
Delta R.T. 0.086 min

Lab File: VX020329.D

Acq: 23 Dec 2020 01:59

Tgt Ion:	56	Resp:	5439
Ion	Ratio	Lower	Upper
56	100		
69	175.4	25.3	37.9#
84	152.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.66 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020329.D

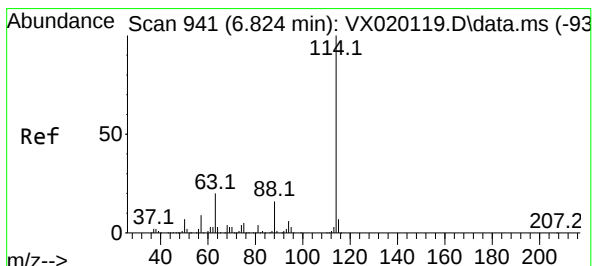
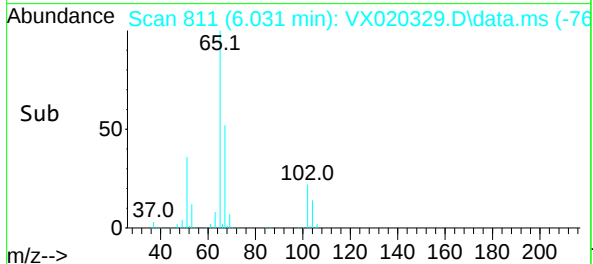
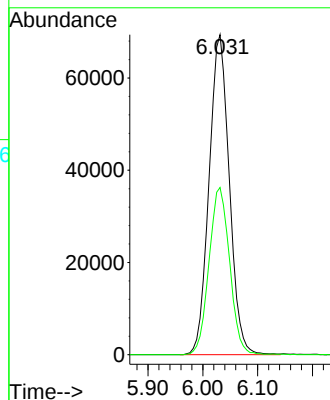
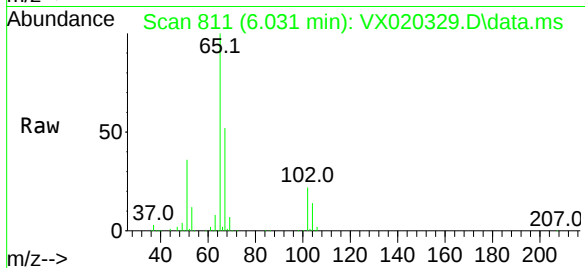
Acq: 23 Dec 2020 01:59

Tgt Ion: 65 Resp: 177831

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020329.D

Acq: 23 Dec 2020 01:59

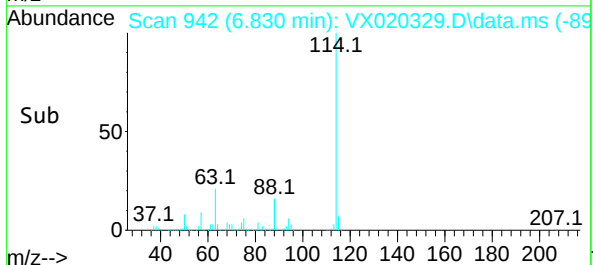
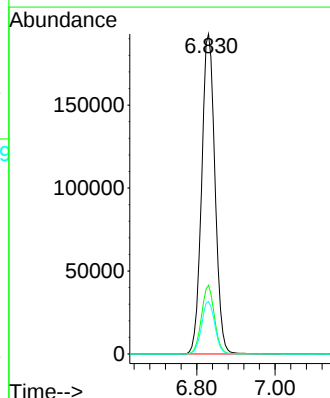
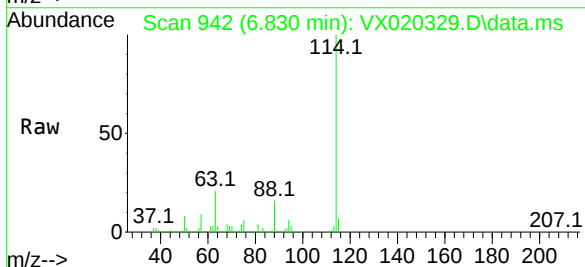
Tgt Ion: 114 Resp: 455831

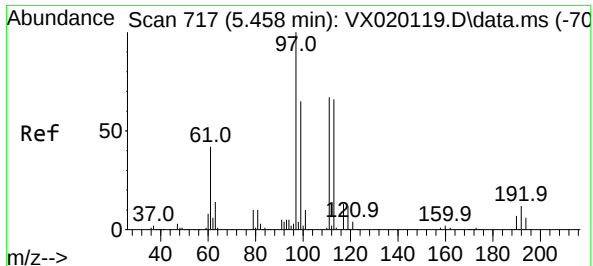
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

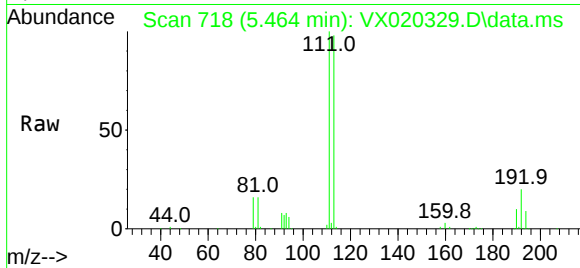
88 16.4 0.0 32.8



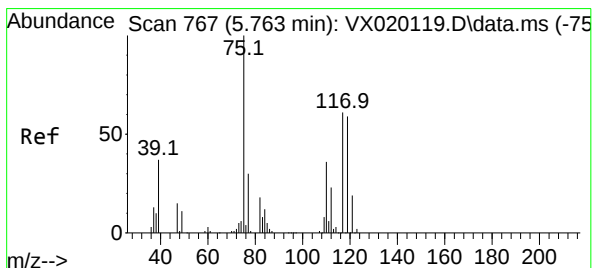
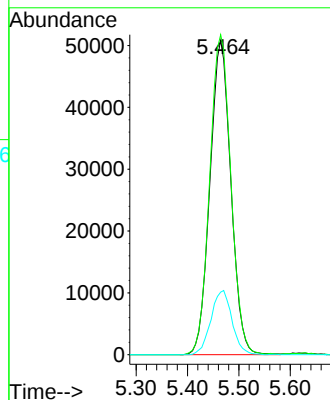
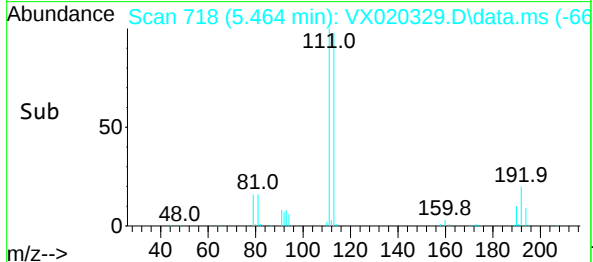


#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

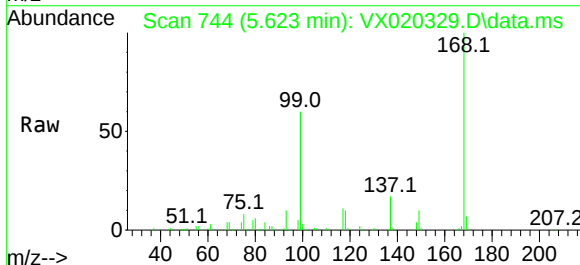
Instrument :
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VX1223WBS01



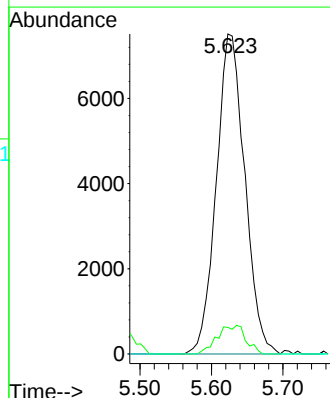
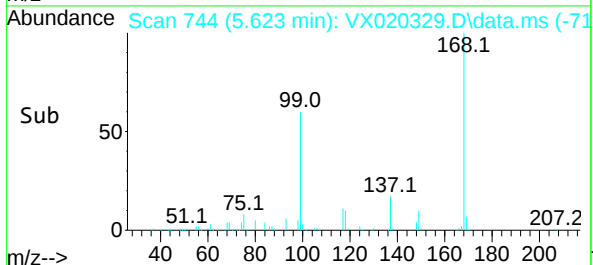
Tgt Ion:113 Resp: 143629
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.6 16.7 25.1

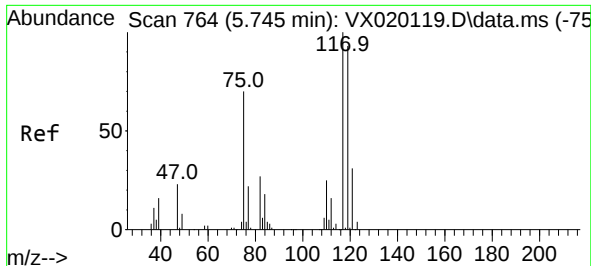


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59



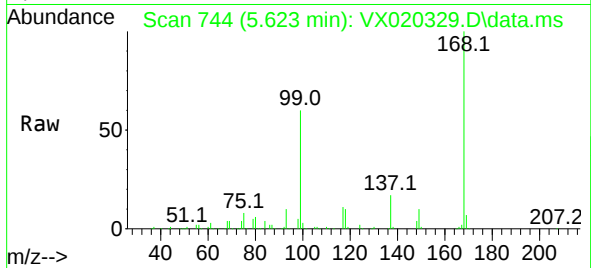
Tgt Ion: 75 Resp: 20778
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



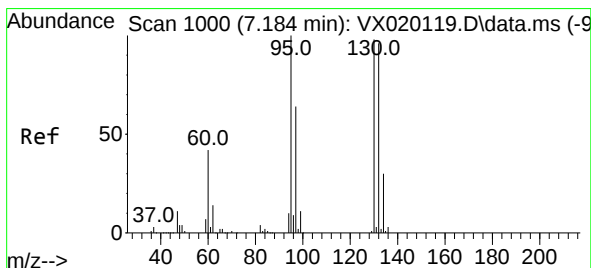
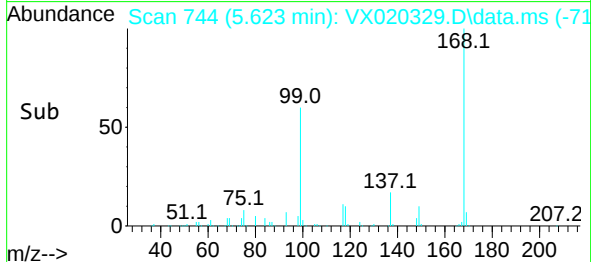
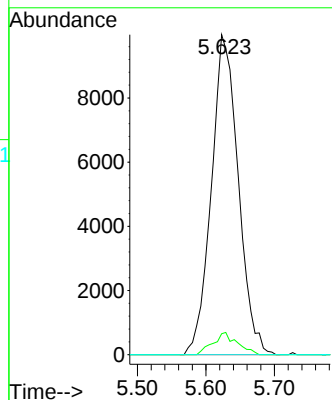


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

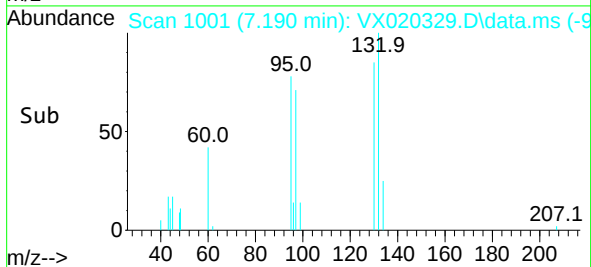
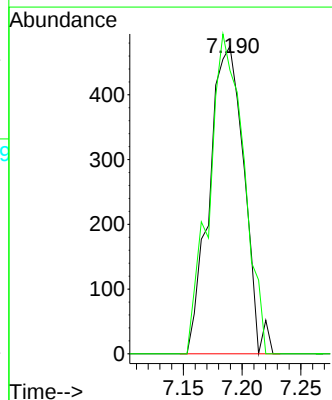
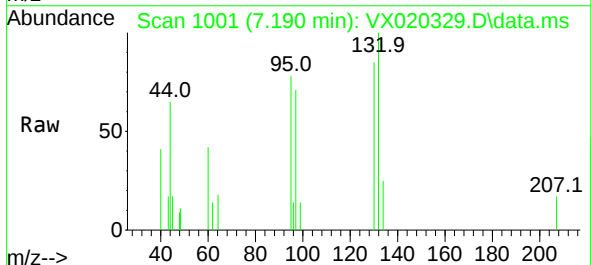


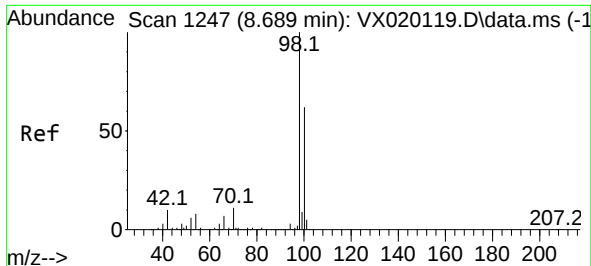
Tgt Ion:117 Resp: 27194
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.27 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion:130 Resp: 975
Ion Ratio Lower Upper
130 100
95 92.2 0.0 198.0

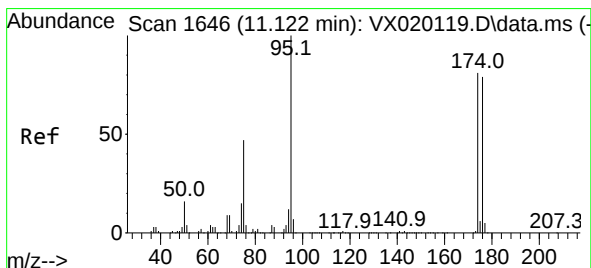
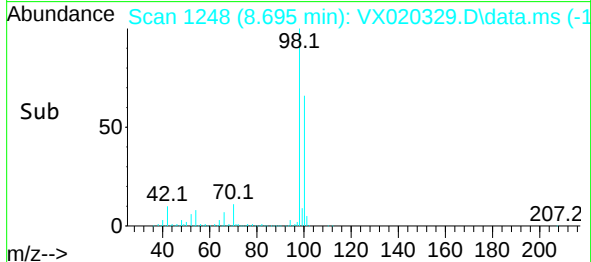
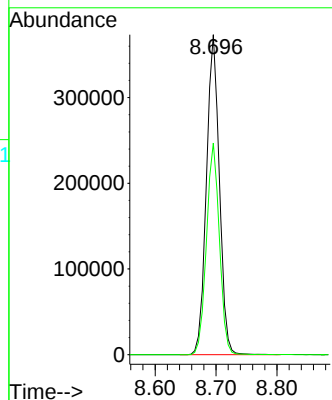
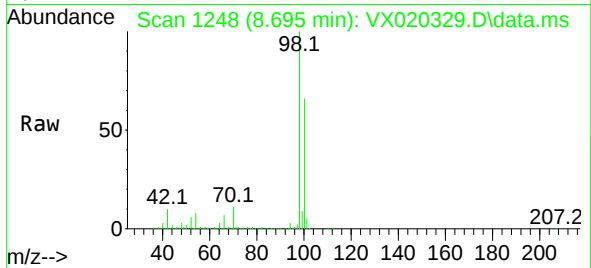




#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

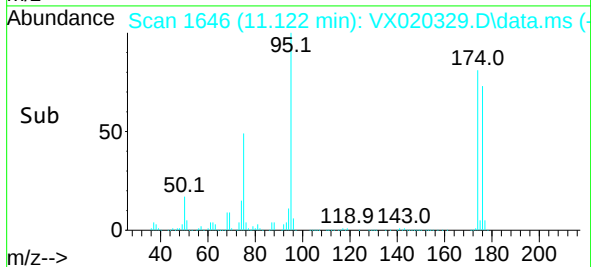
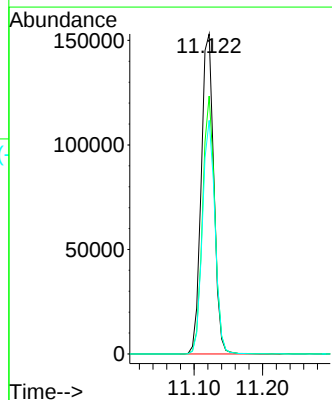
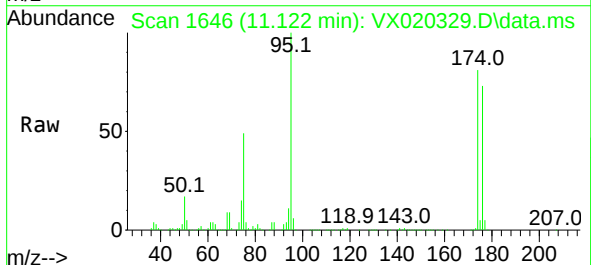
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

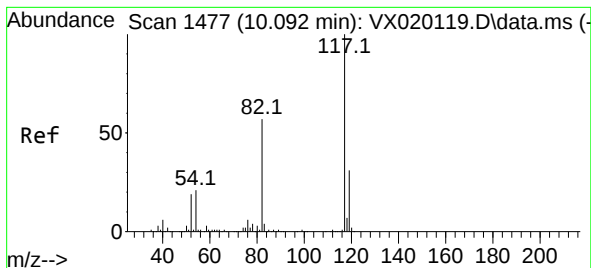
Tgt Ion: 98 Resp: 551555
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion: 95 Resp: 195914
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 73.0 0.0 155.8

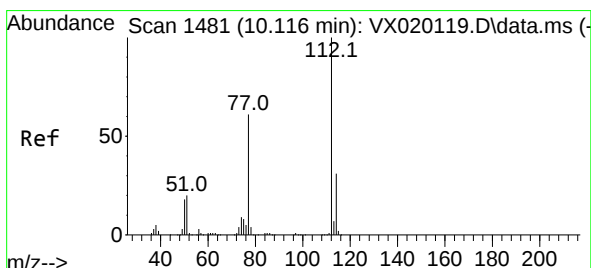
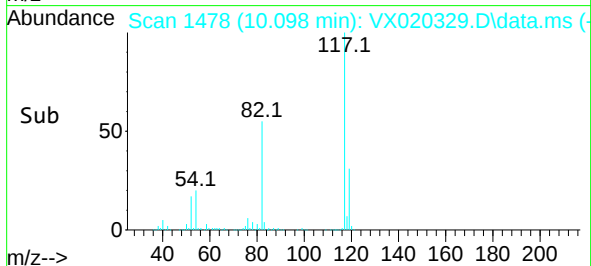
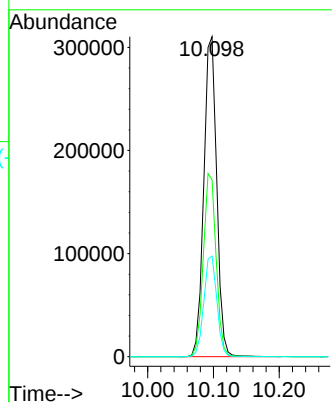
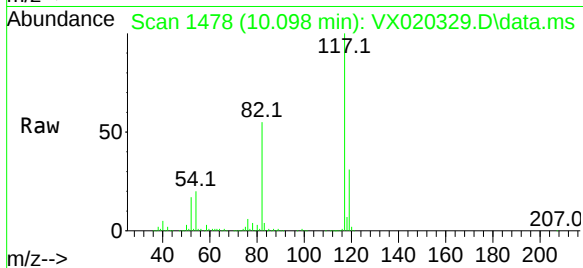




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

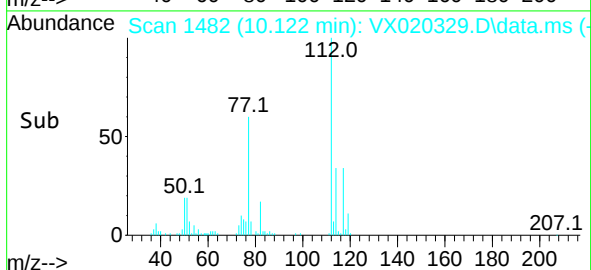
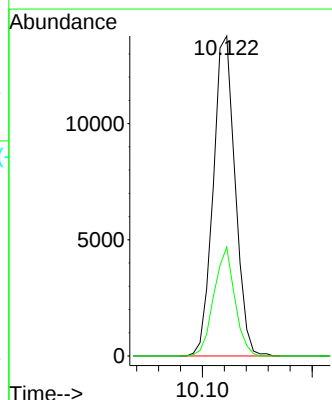
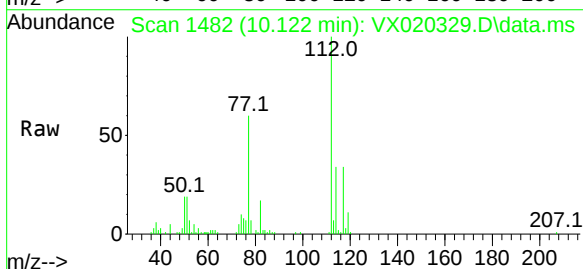
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

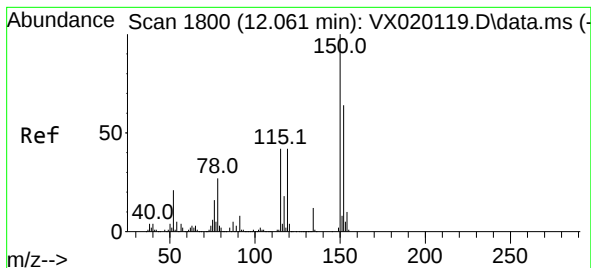
Tgt Ion:117 Resp: 423079
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.4 26.6 39.8



#65
Chlorobenzene
Concen: 2.11 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion:112 Resp: 19130
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.6

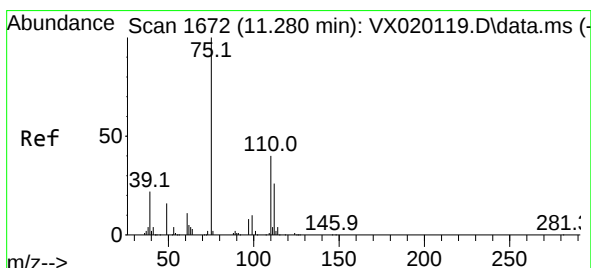
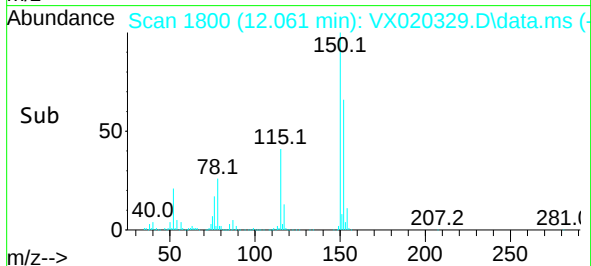
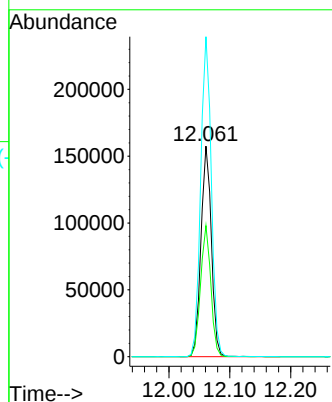
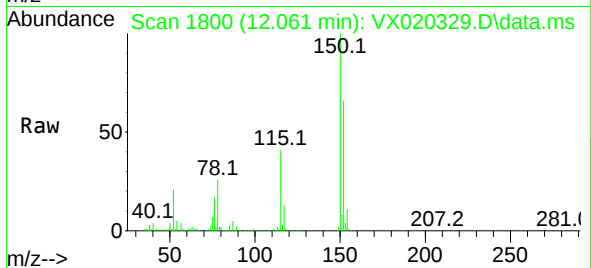




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020329.D
 Acq: 23 Dec 2020 01:59

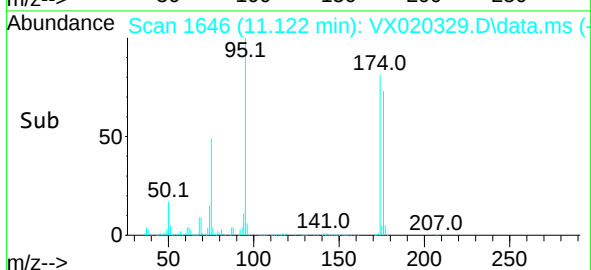
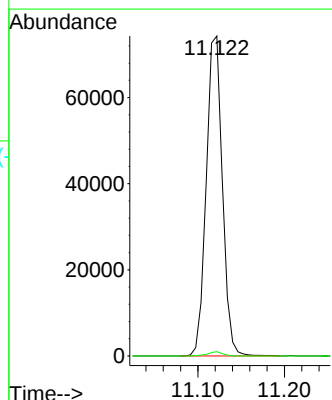
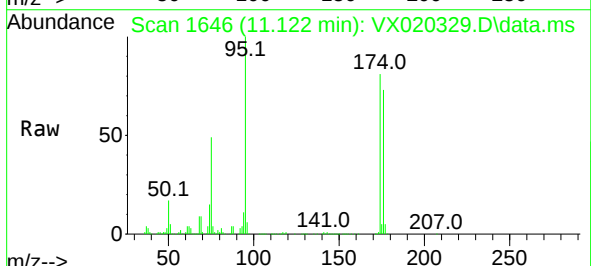
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

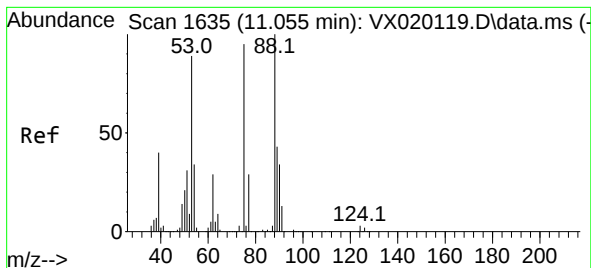
Tgt Ion:152 Resp: 187000
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 155.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.88 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020329.D
 Acq: 23 Dec 2020 01:59

Tgt Ion: 75 Resp: 96168
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

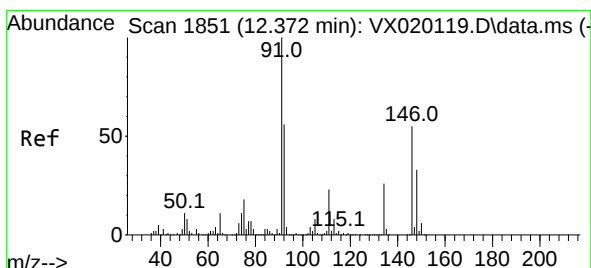
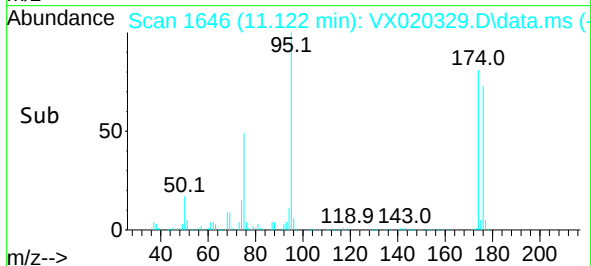
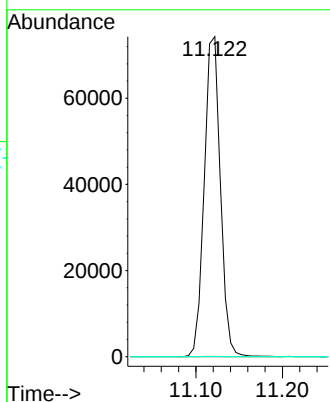
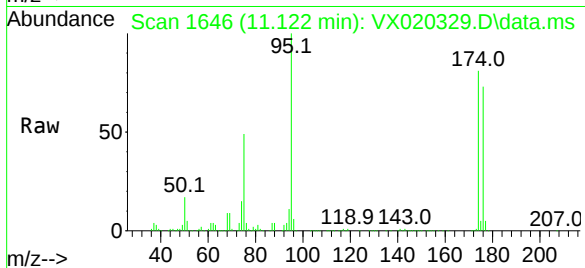




#81
trans-1,4-Dichloro-2-butene
Concen: 61.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 75 Resp: 96168
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#91
1,2-Dichlorobenzene
Concen: 1.82 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020329.D
Acq: 23 Dec 2020 01:59

Tgt Ion: 146 Resp: 11541
Ion Ratio Lower Upper
146 100
111 44.3 20.8 62.2
148 65.2 31.9 95.5

