

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023626.D
 Acq On : 10 Aug 2021 10:05
 Operator : JC/MD
 Sample : VX0810WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 02:57:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

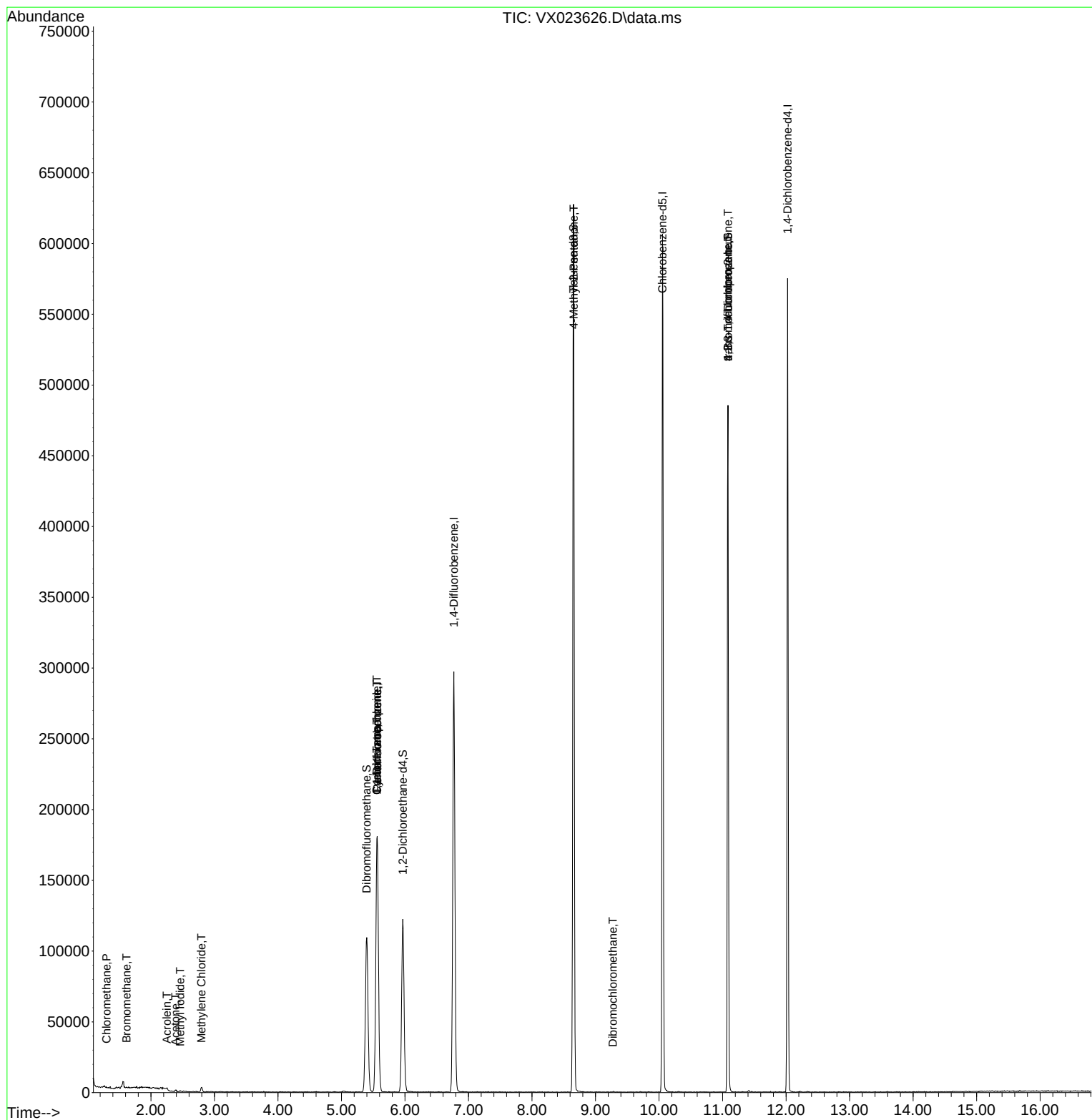
Internal Standards						
1) Pentafluorobenzene	5.562	168	172495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117545	54.628	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.260%		
35) Dibromofluoromethane	5.397	113	95346	51.421	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.840%		
50) Toluene-d8	8.653	98	356091	52.271	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.540%		
62) 4-Bromofluorobenzene	11.085	95	122668	52.954	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	384	0.208	ug/l #	88
5) Bromomethane	1.617	94	507	0.456	ug/l #	76
10) Methyl Iodide	2.459	142	676	0.316	ug/l #	92
13) Acrolein	2.252	56	104	1.778	ug/l #	76
16) Acetone	2.386	43	1035	0.981	ug/l	99
20) Methylene Chloride	2.794	84	1441	0.702	ug/l	96
31) Cyclohexane	5.556	56	3857	1.210	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	13508	5.035	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17549	6.432	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1610	0.502	ug/l #	1
60) Dibromochloromethane	9.275	129	108	2.030	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	64568	26.273	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64568	70.645	ug/l #	12

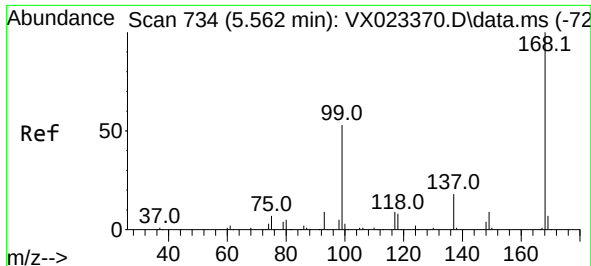
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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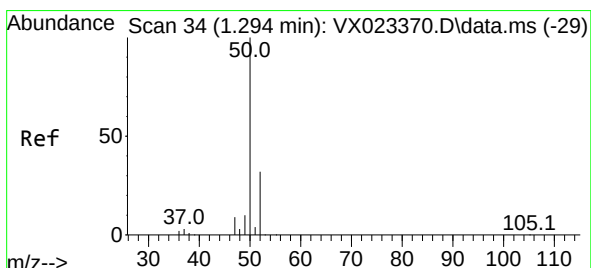
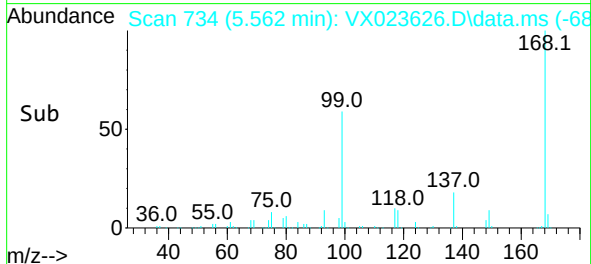
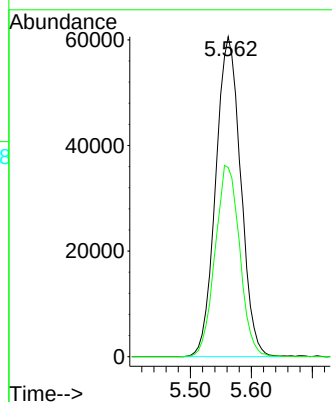
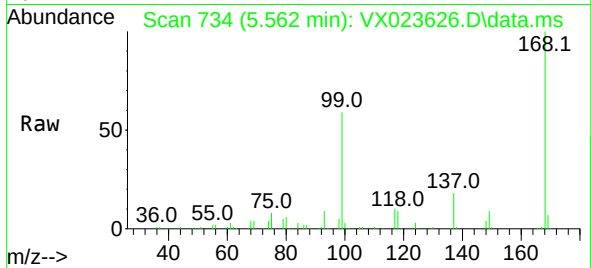




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

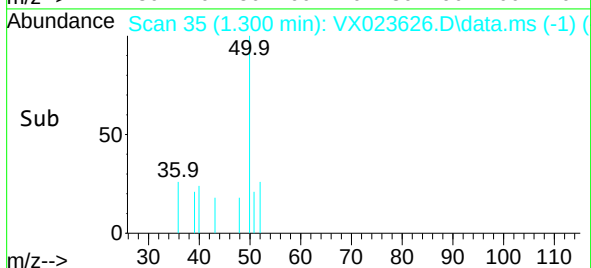
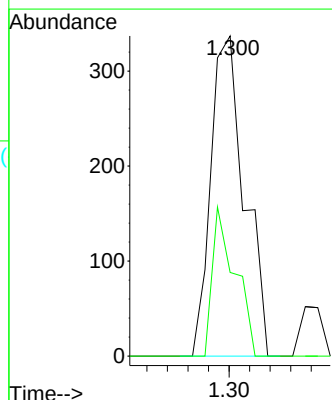
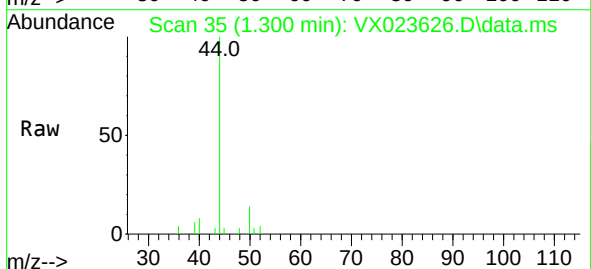
Instrument :
MSVOA_X
ClientSampleId :

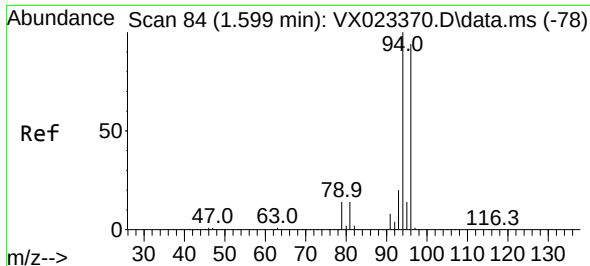
Tgt Ion:168 Resp: 172495
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 26.1 26.4 39.6#

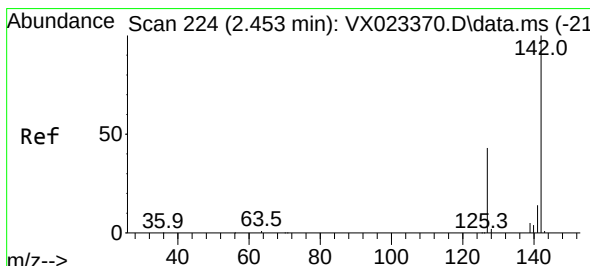
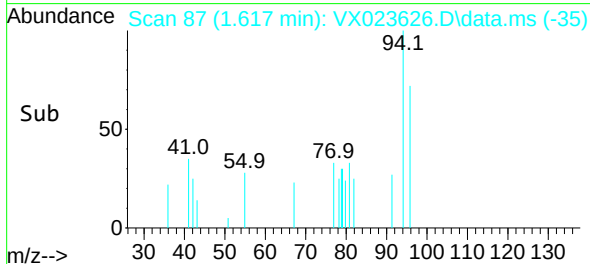
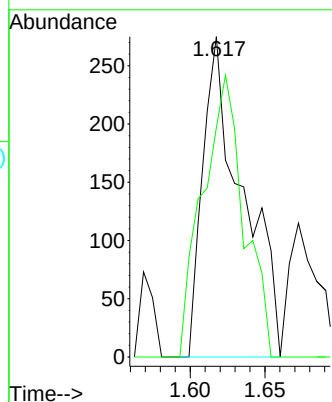
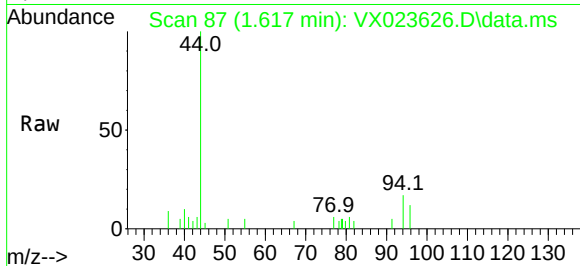




#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

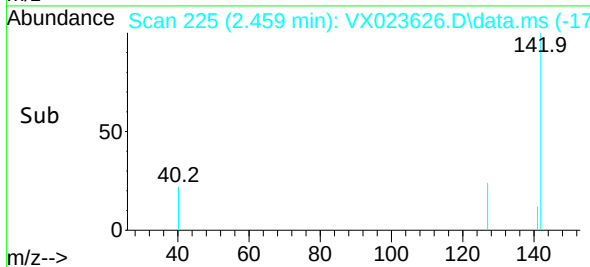
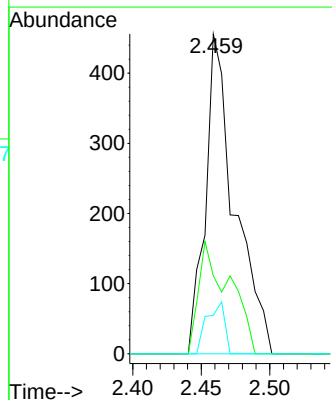
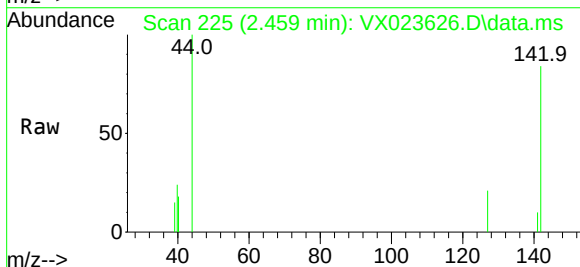
Instrument :
MSVOA_X
ClientSampled :

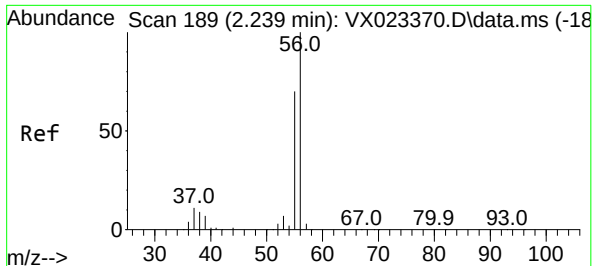
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 71.6 76.4 114.6#



#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

Tgt Ion: 142 Resp: 676
Ion Ratio Lower Upper
142 100
127 37.1 33.3 49.9
141 9.9 11.4 17.0#





#13

Acrolein

Concen: 1.778 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX023626.D

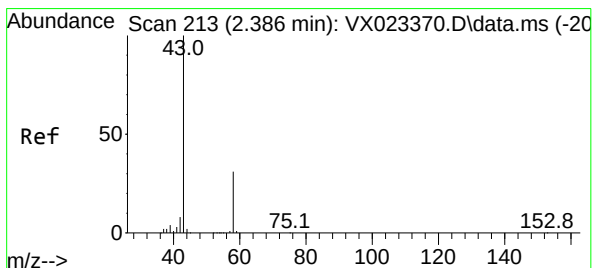
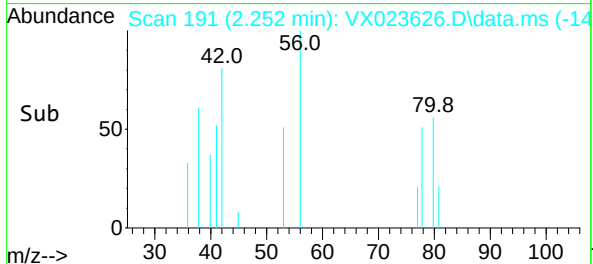
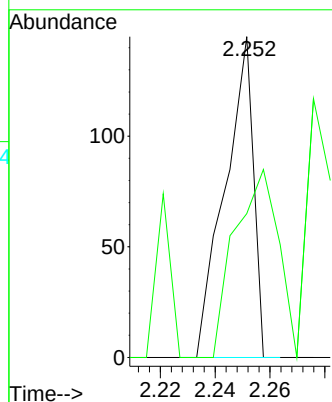
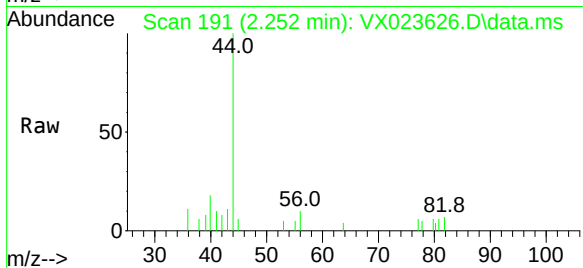
Acq: 10 Aug 2021 10:05

Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 90.4 56.4 84.6#



#16

Acetone

Concen: 0.981 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX023626.D

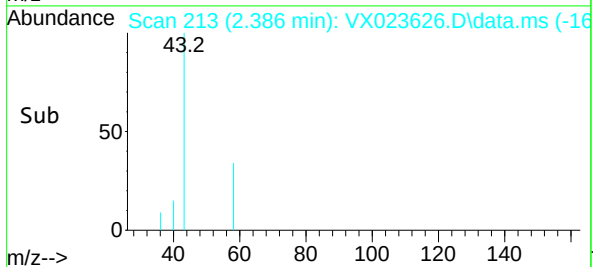
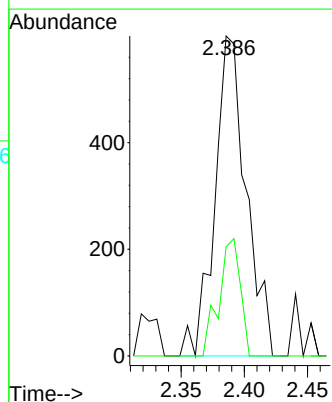
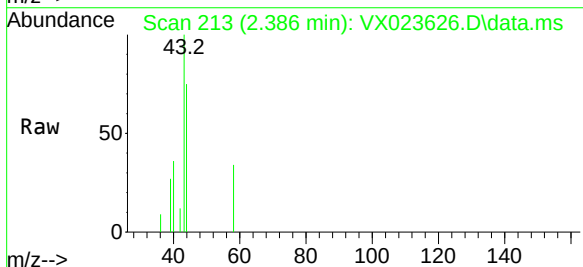
Acq: 10 Aug 2021 10:05

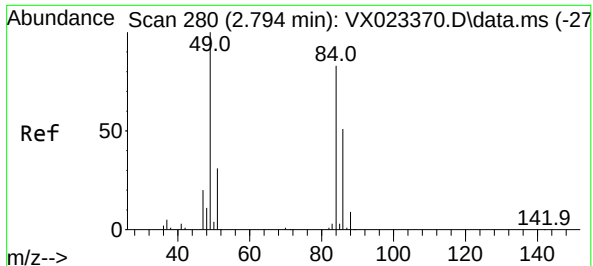
Tgt Ion: 43 Resp: 1035

Ion Ratio Lower Upper

43 100

58 34.2 27.8 41.8

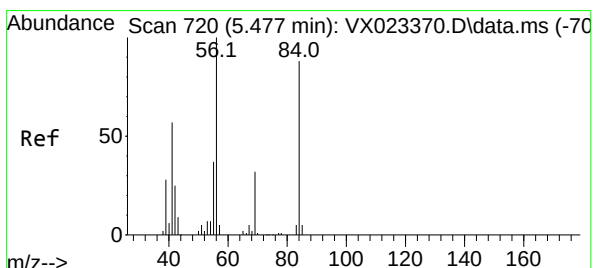
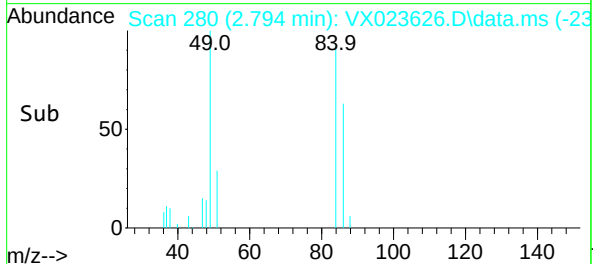
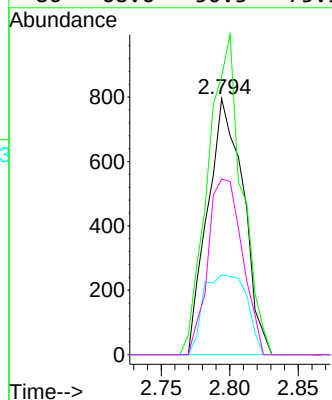
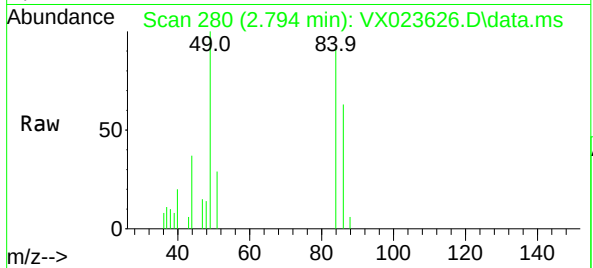




#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

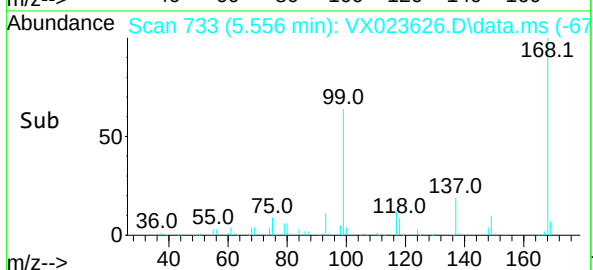
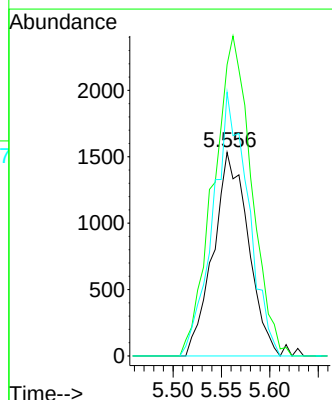
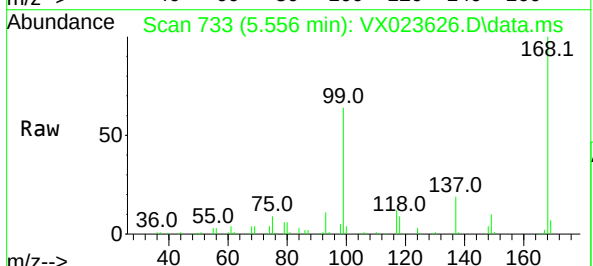
Instrument :
MSVOA_X
ClientSampled :

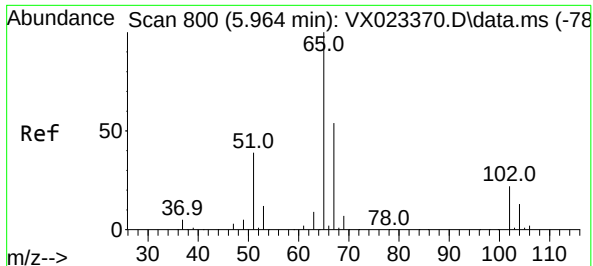
Tgt Ion:	84	Resp:	1441
Ion	Ratio	Lower	Upper
84	100		
49	108.8	88.6	132.8
51	31.2	27.0	40.6
86	68.6	50.3	75.5



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

Tgt Ion:	56	Resp:	3857
Ion	Ratio	Lower	Upper
56	100		
69	143.1	25.3	37.9#
84	129.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.628 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023626.D

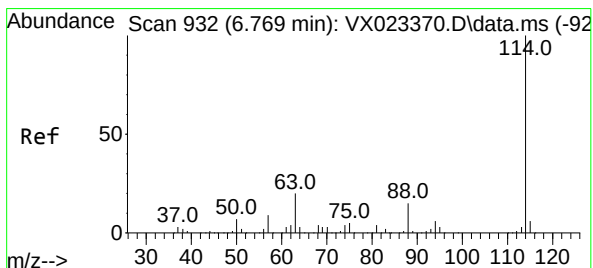
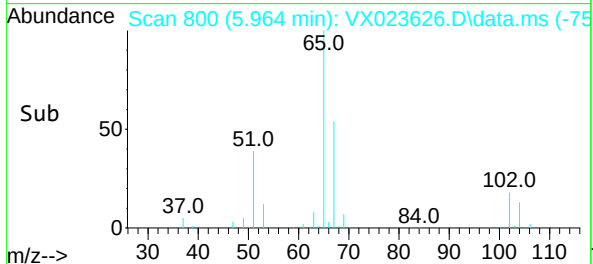
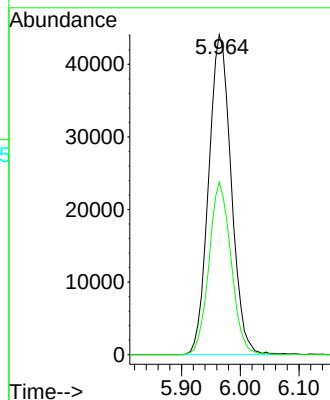
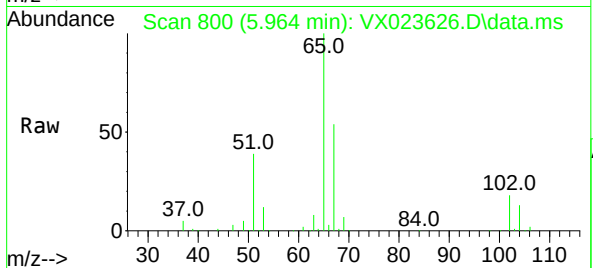
Acq: 10 Aug 2021 10:05

Tgt Ion: 65 Resp: 117545

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023626.D

Acq: 10 Aug 2021 10:05

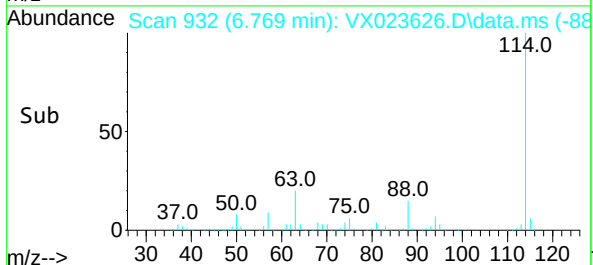
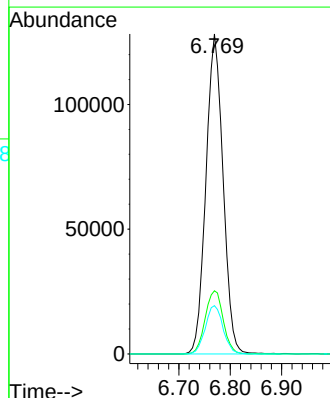
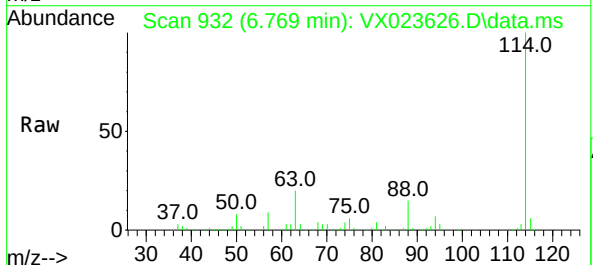
Tgt Ion: 114 Resp: 296559

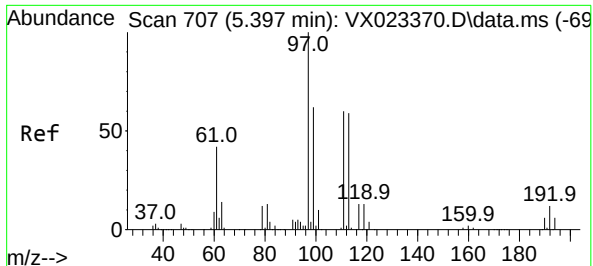
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.421 ug/l

RT: 5.397 min Scan# 707

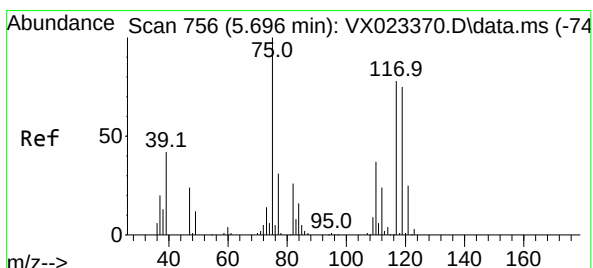
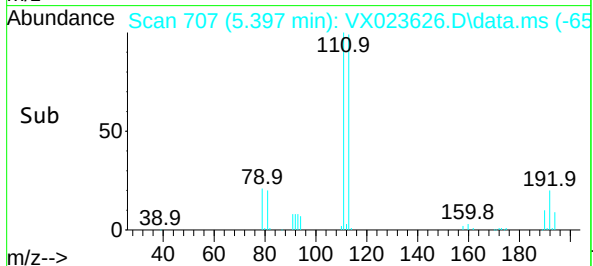
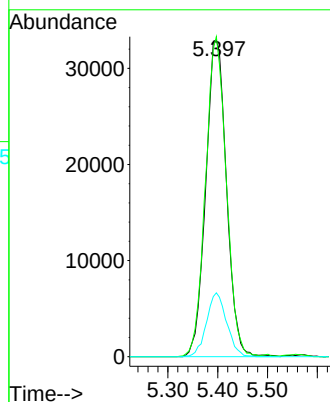
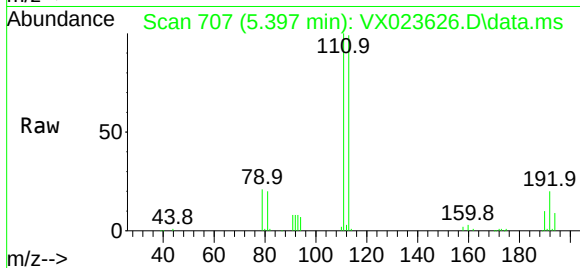
Delta R.T. 0.000 min

Lab File: VX023626.D

Acq: 10 Aug 2021 10:05

Tgt Ion:	113	Resp:	95346
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.9	122.9
192	19.6	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.035 ug/l

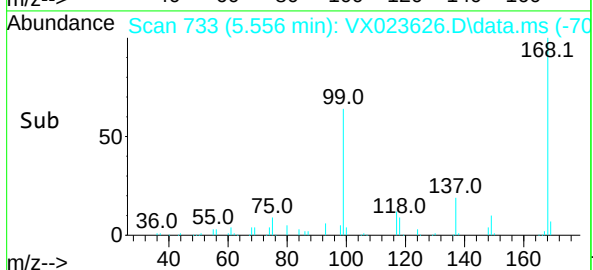
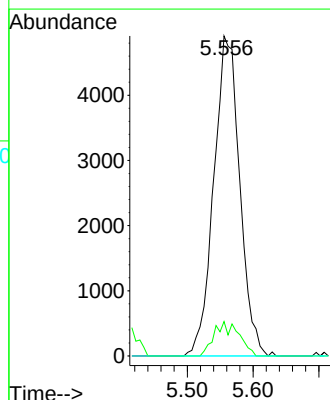
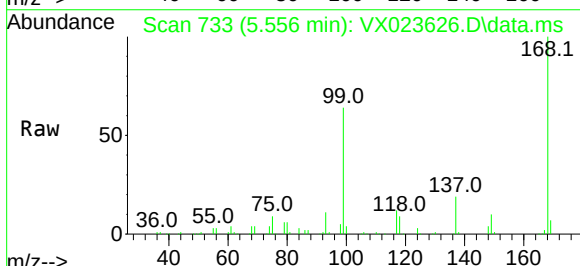
RT: 5.556 min Scan# 733

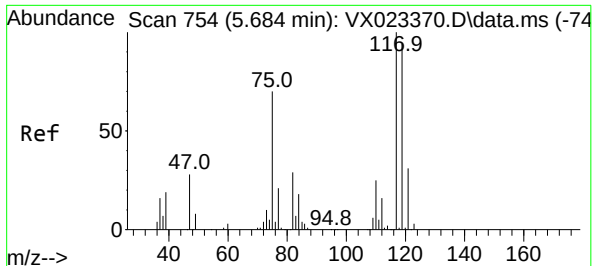
Delta R.T. -0.140 min

Lab File: VX023626.D

Acq: 10 Aug 2021 10:05

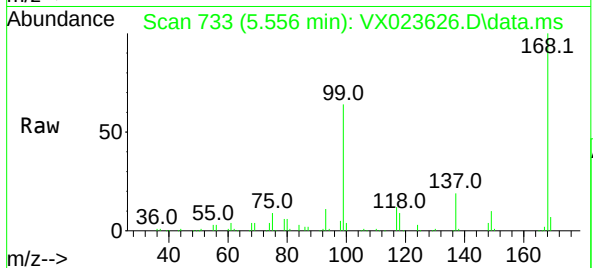
Tgt Ion:	75	Resp:	13508
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	25.3	37.9#



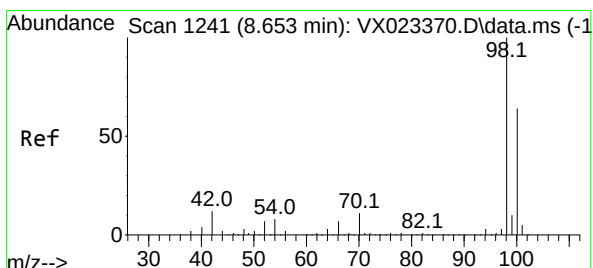
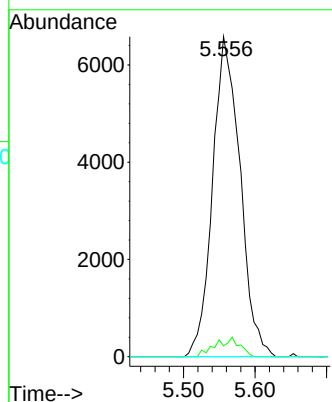
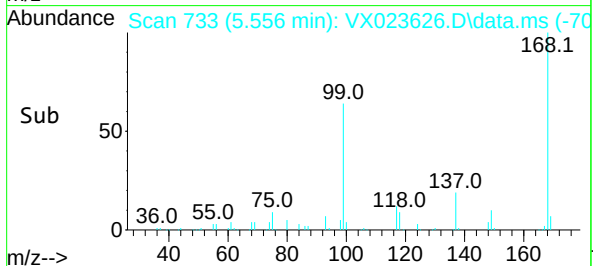


#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

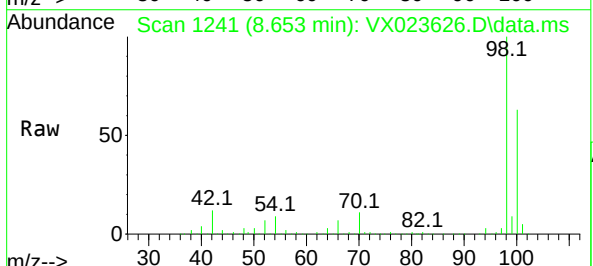
Instrument :
MSVOA_X
ClientSampled :



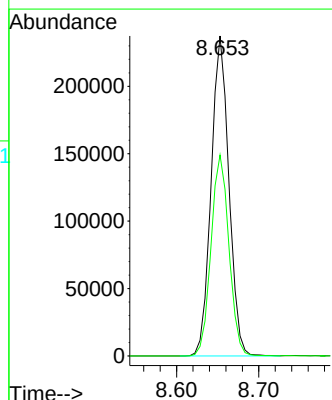
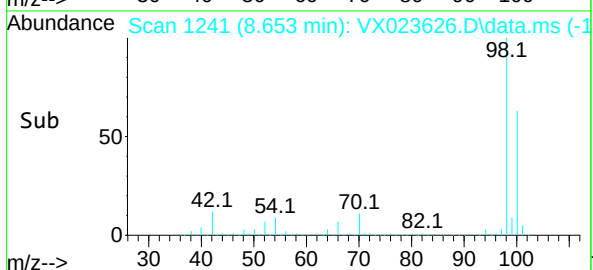
Tgt Ion:117 Resp: 17549
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

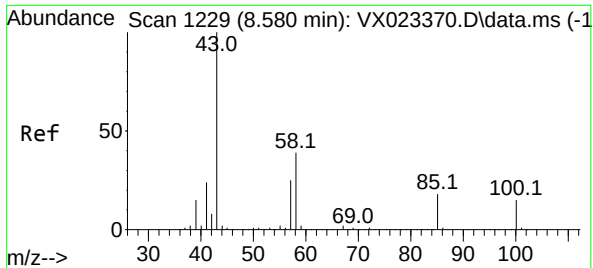


#50
Toluene-d8
Concen: 52.271 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05



Tgt Ion: 98 Resp: 356091
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

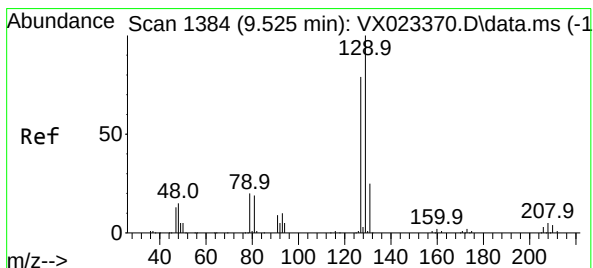
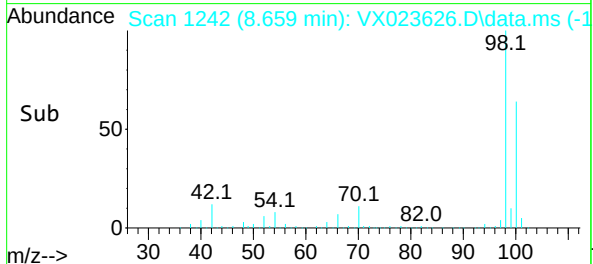
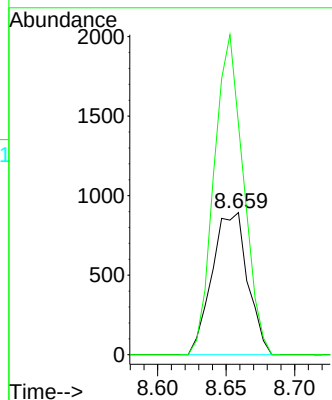
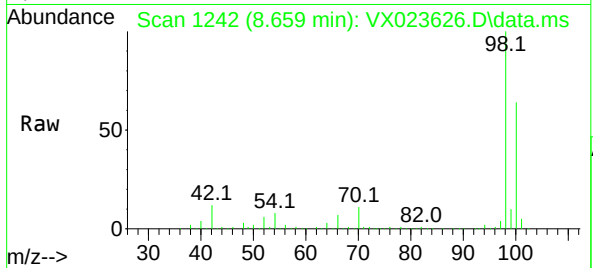




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

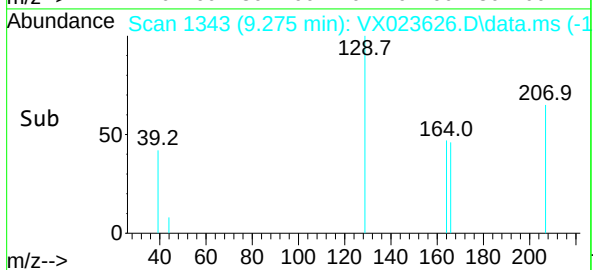
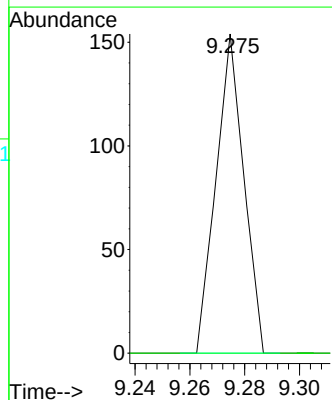
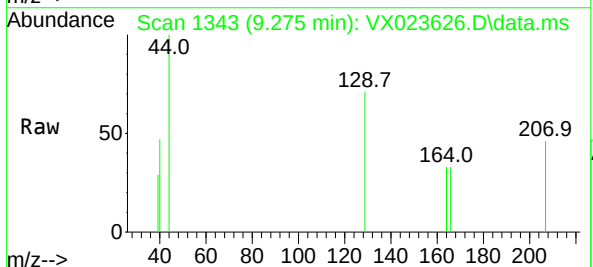
Instrument :
MSVOA_X
ClientSampled :

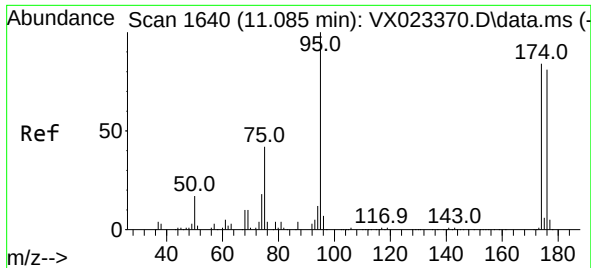
Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 185.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.030 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

Tgt Ion: 129 Resp: 108
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

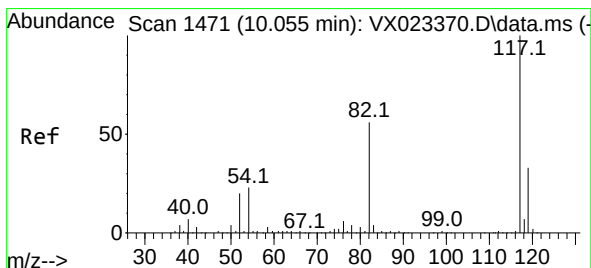
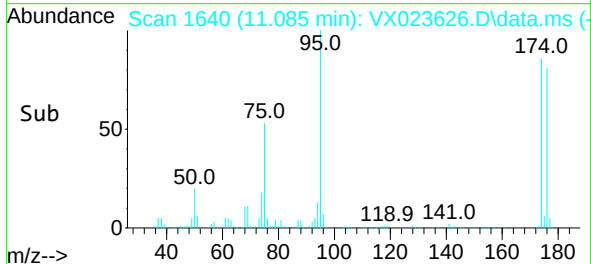
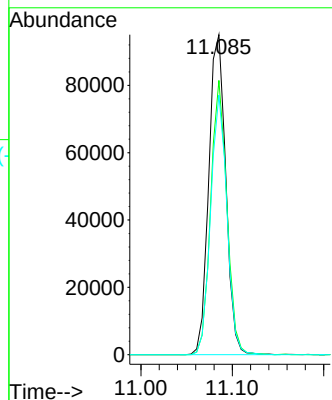
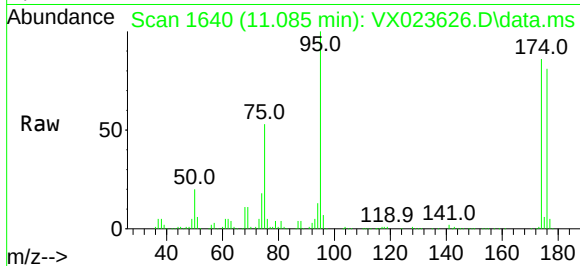




#62
4-Bromofluorobenzene
Concen: 52.954 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

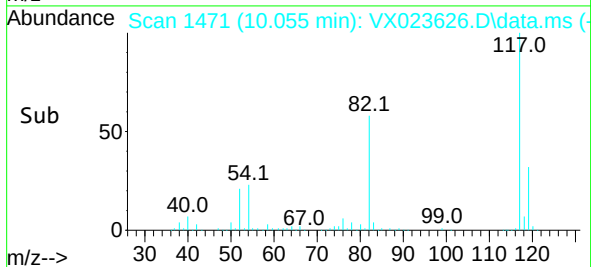
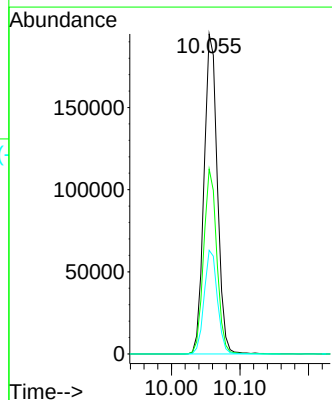
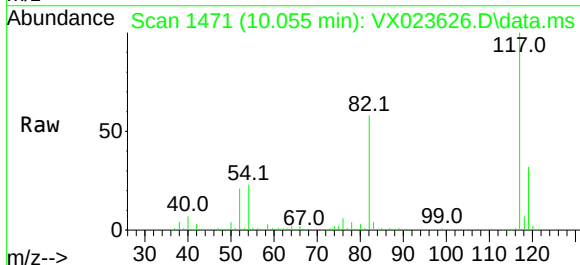
Instrument :
MSVOA_X
ClientSampled :

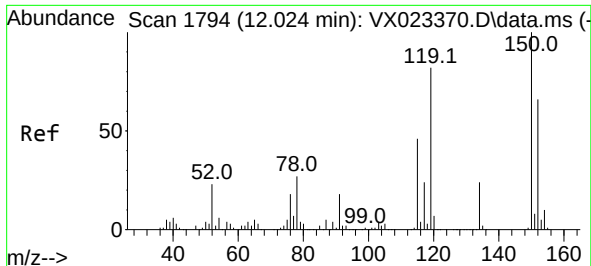
Tgt Ion: 95 Resp: 122668
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023626.D
Acq: 10 Aug 2021 10:05

Tgt Ion: 117 Resp: 263935
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.4 26.6 39.8

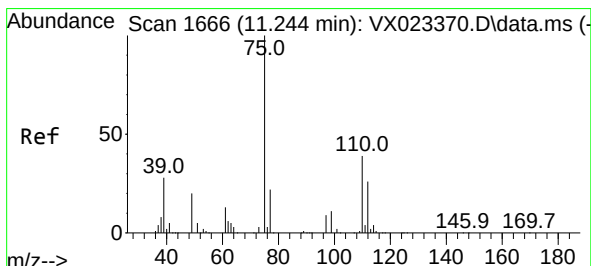
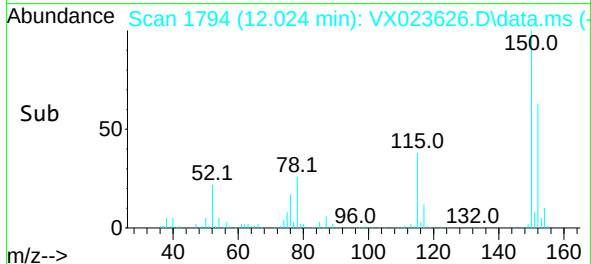
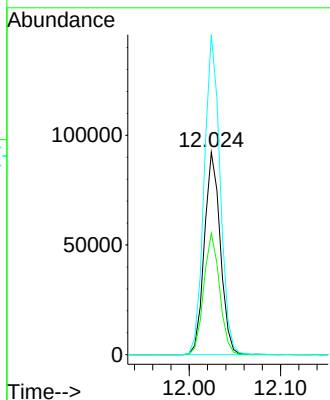
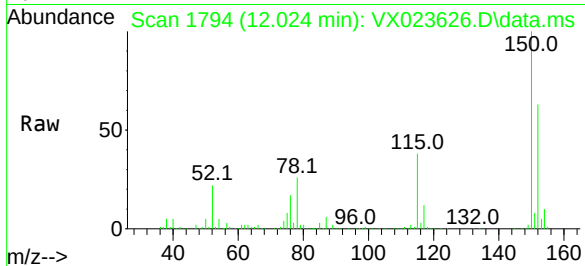




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023626.D
 Acq: 10 Aug 2021 10:05

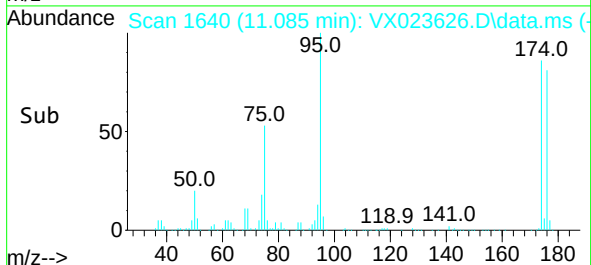
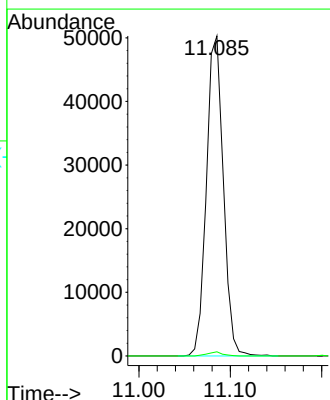
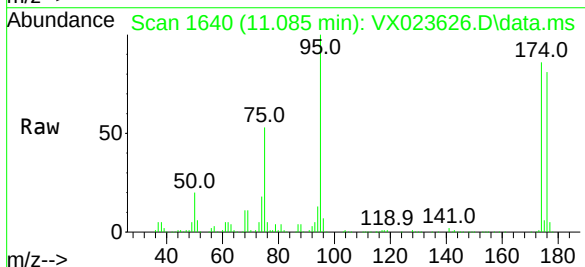
Instrument :
 MSVOA_X
 ClientSampled :

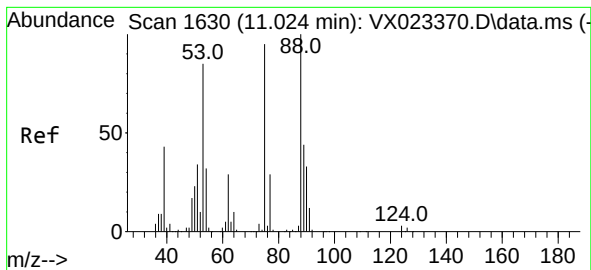
Tgt Ion:152 Resp: 111679
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.273 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023626.D
 Acq: 10 Aug 2021 10:05

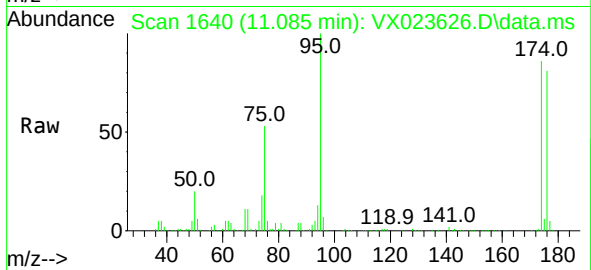
Tgt Ion: 75 Resp: 64568
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.645 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023626.D
 Acq: 10 Aug 2021 10:05

Instrument :
 MSVOA_X
 ClientSampled :



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

