

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024688.D
 Acq On : 08 Oct 2021 23:25
 Operator : JC/MD
 Sample : VX1008WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 05:52:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

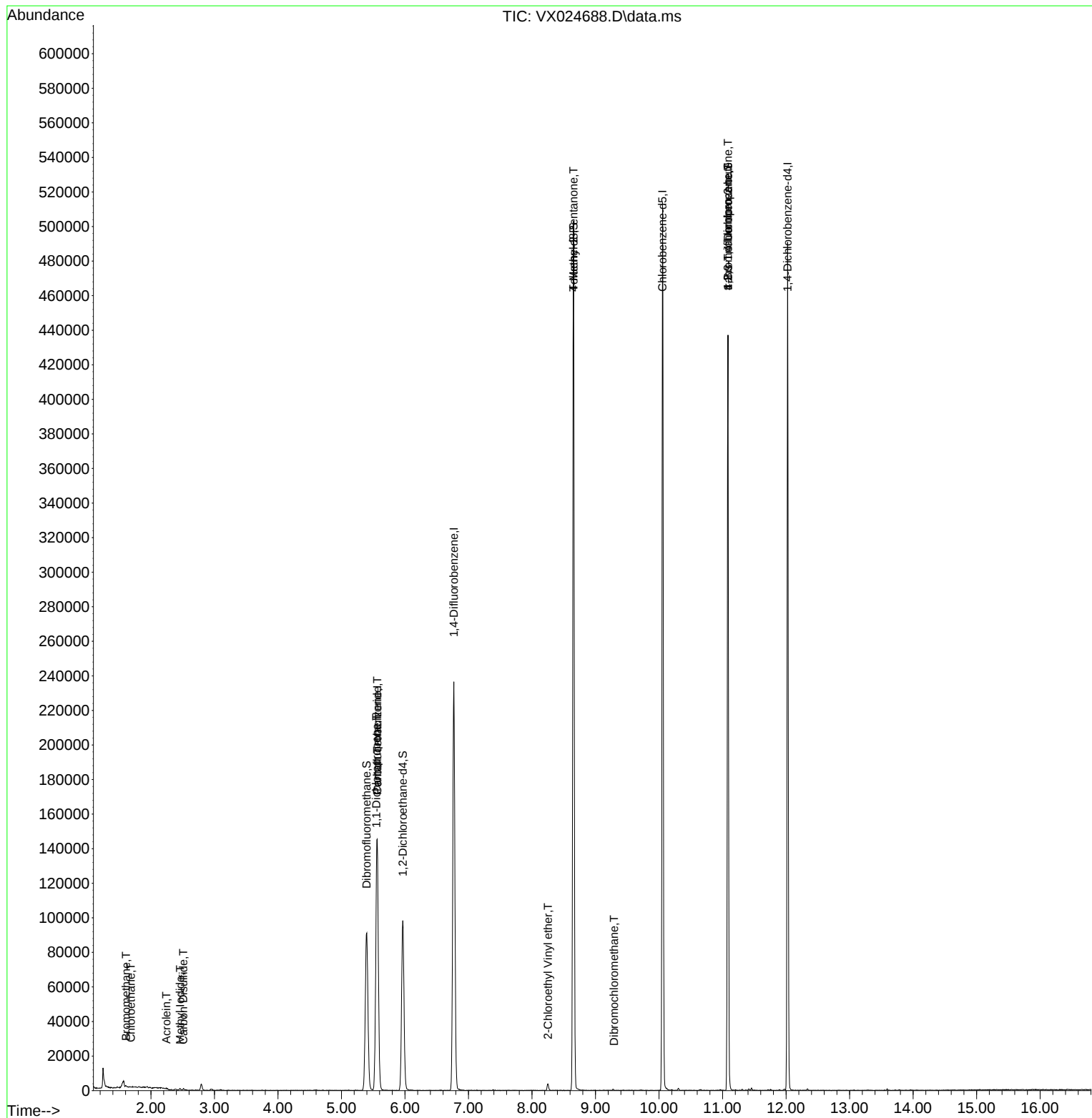
Internal Standards						
1) Pentafluorobenzene	5.562	168	137804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100455	51.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.440%			
35) Dibromofluoromethane	5.397	113	78483	50.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.653	98	284388	49.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.085	95	110821	49.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.860%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	389	0.423	ug/l #	57
6) Chloroethane	1.685	64	77	0.342	ug/l #	62
10) Methyl Iodide	2.459	142	926	0.486	ug/l #	81
11) Tert butyl alcohol	2.947	59	377	Below Cal	#	73
13) Acrolein	2.239	56	51	10.524	ug/l	98
16) Acetone	2.386	43	628	Below Cal	#	71
17) Carbon Disulfide	2.508	76	1180	0.588	ug/l #	75
36) 1,1-Dichloropropene	5.550	75	10423	4.662	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14440	5.933	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1263	0.451	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	1594	1.188	ug/l	97
60) Dibromochloromethane	9.293	129	27	1.201	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58594	27.532	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58594	74.882	ug/l #	12

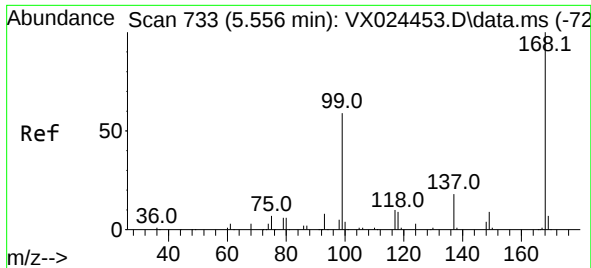
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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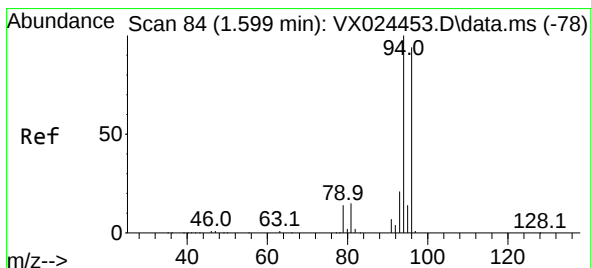
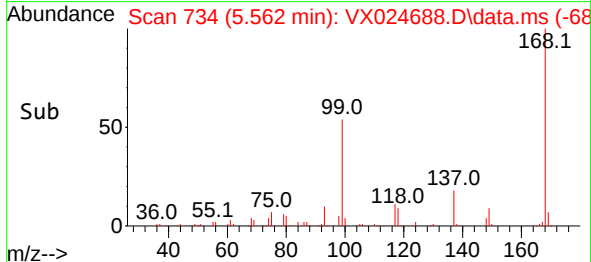
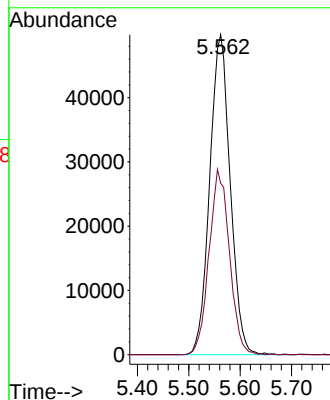
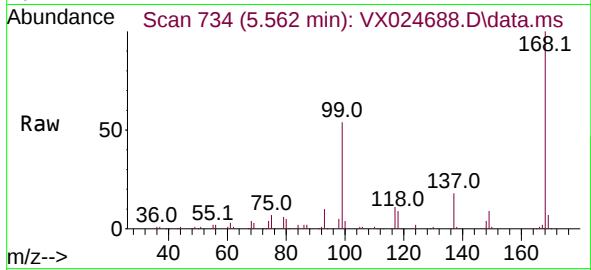




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

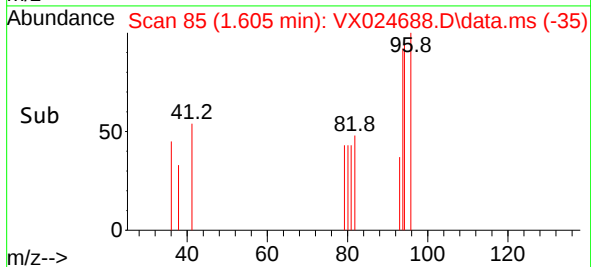
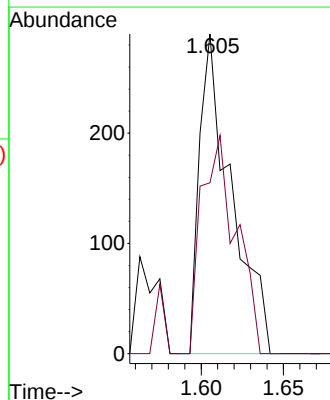
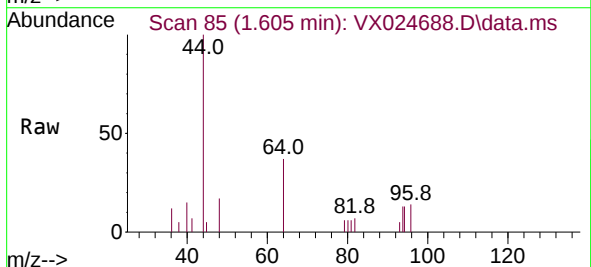
Instrument :
MSVOA_X
ClientSampled :

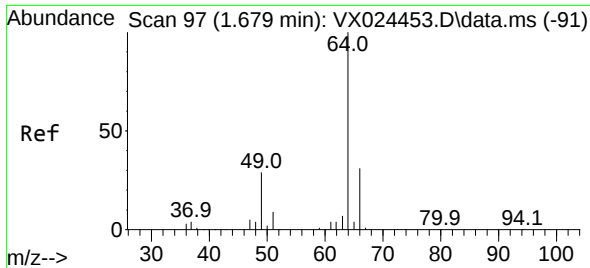
Tgt Ion:168 Resp: 137804
Ion Ratio Lower Upper
168 100
99 53.5 45.8 68.6



#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 53.4 76.4 114.6#

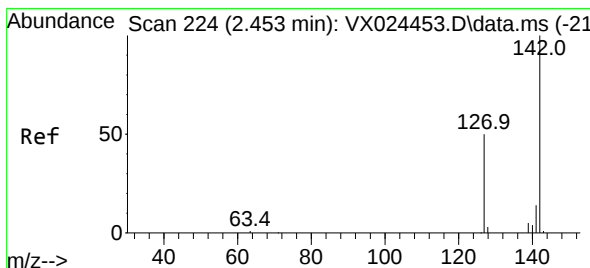
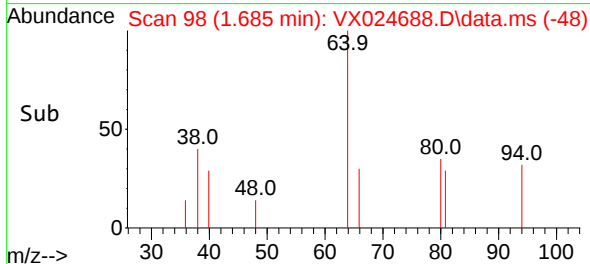
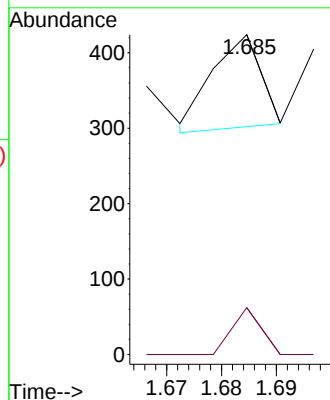
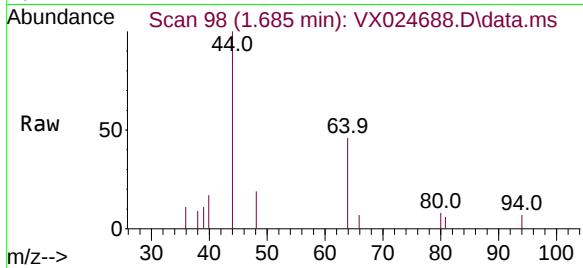




#6
Chloroethane
Concen: 0.342 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

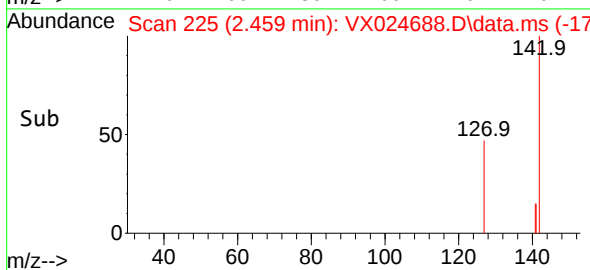
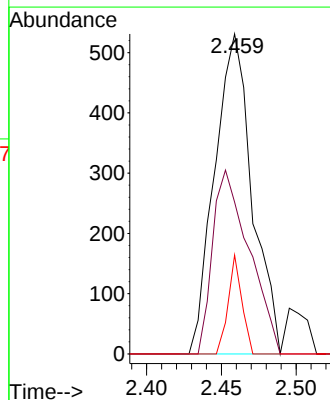
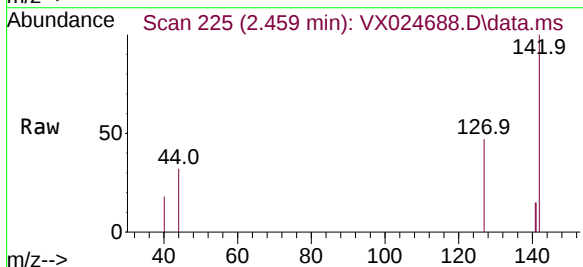
Instrument :
MSVOA_X
ClientSampled :

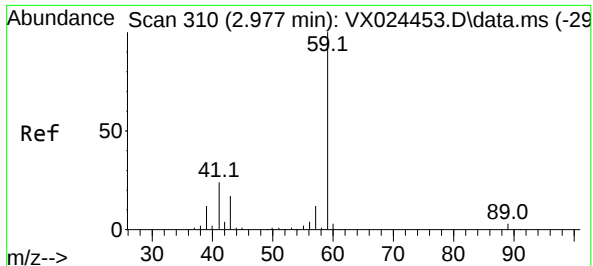
Tgt Ion: 64 Resp: 77
Ion Ratio Lower Upper
64 100
66 52.5 25.4 38.0#



#10
Methyl Iodide
Concen: 0.486 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 142 Resp: 926
Ion Ratio Lower Upper
142 100
127 55.8 33.3 49.9#
141 11.2 11.4 17.0#



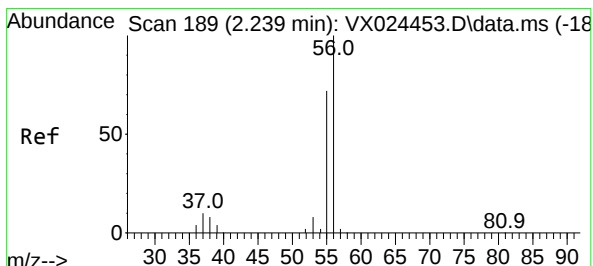
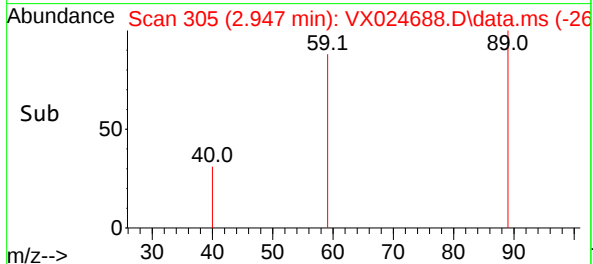
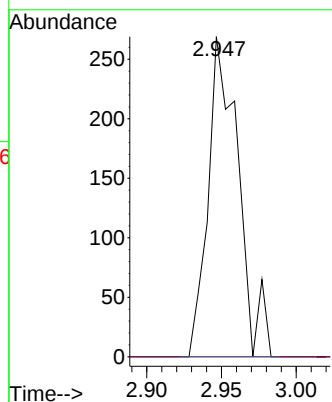
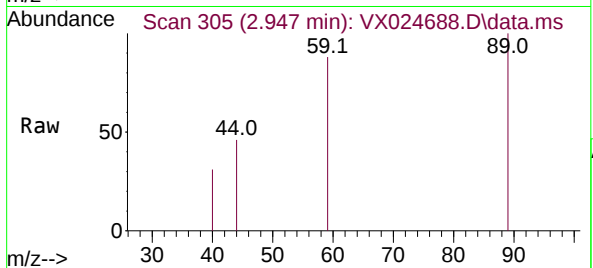


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Instrument :
MSVOA_X
ClientSampled :

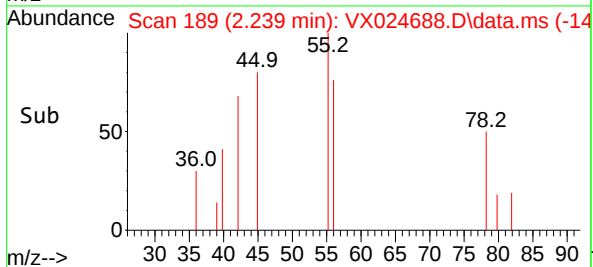
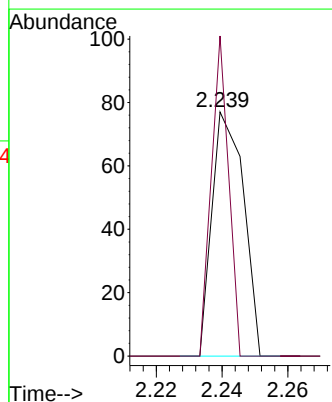
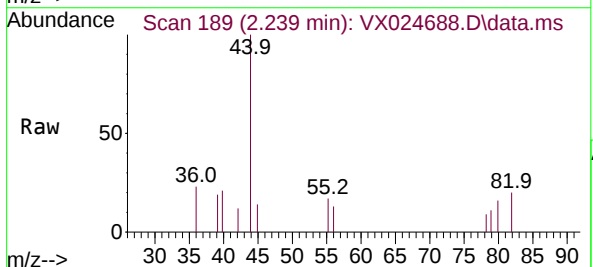
Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

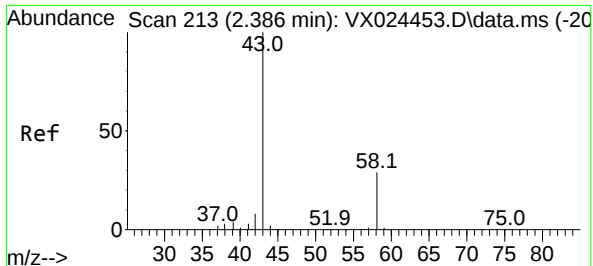


#13

Acrolein
Concen: 10.524 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 72.5 56.4 84.6

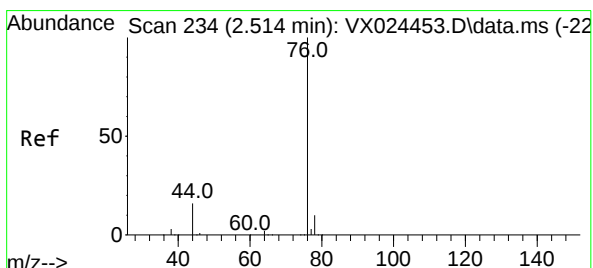
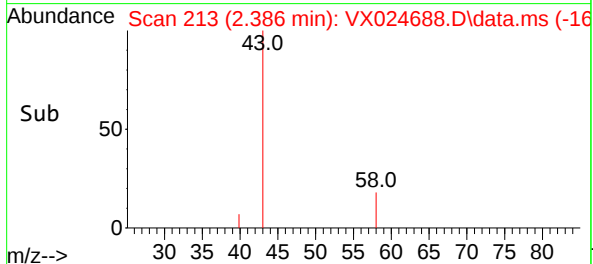
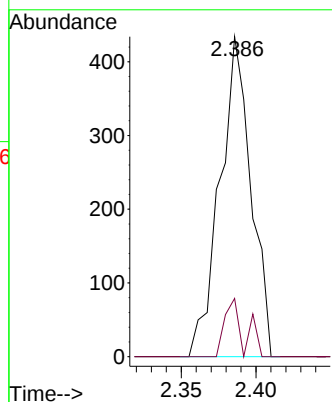
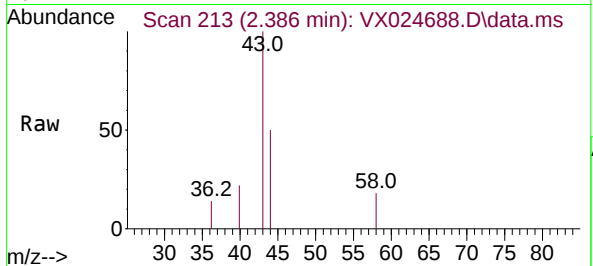




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

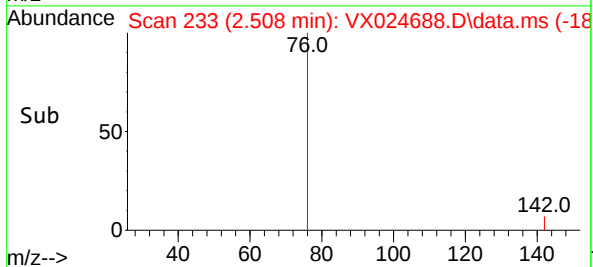
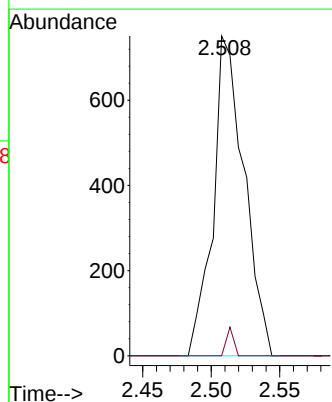
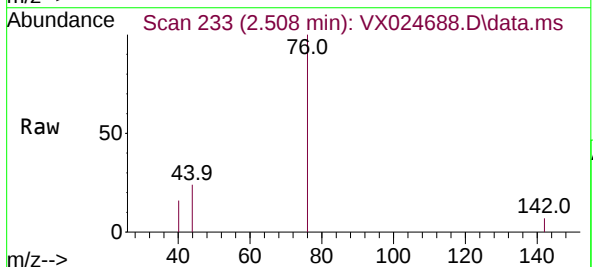
Instrument :
MSVOA_X
ClientSampled :

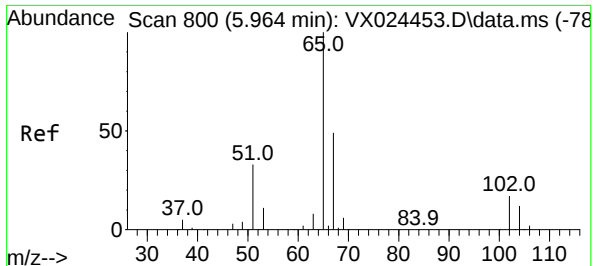
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 18.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.588 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 76 Resp: 1180
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#33

1,2-Dichloroethane-d4

Concen: 51.723 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

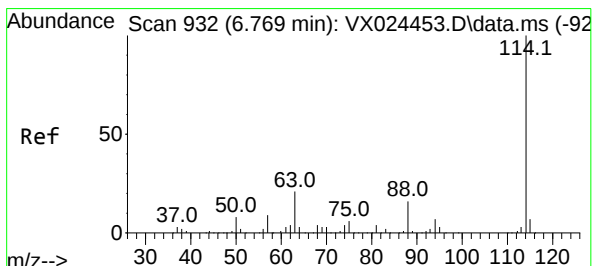
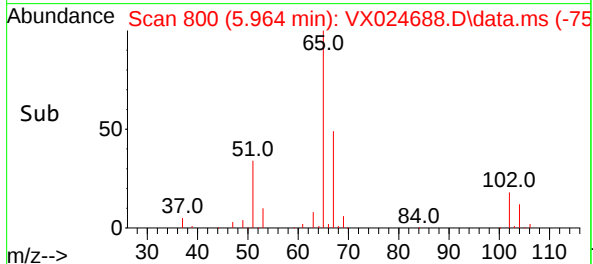
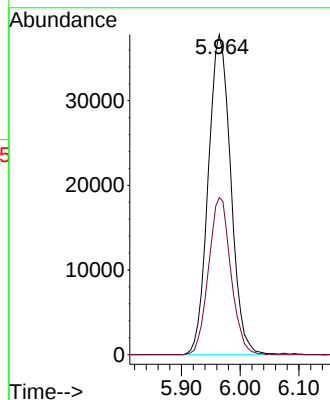
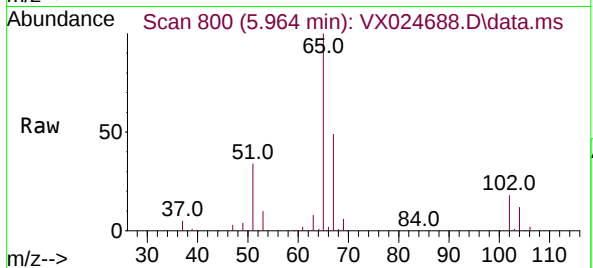
Lab File: VX024688.D

Acq: 08 Oct 2021 23:25

Tgt Ion: 65 Resp: 100455

Ion Ratio Lower Upper

65	100		
67	48.7	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

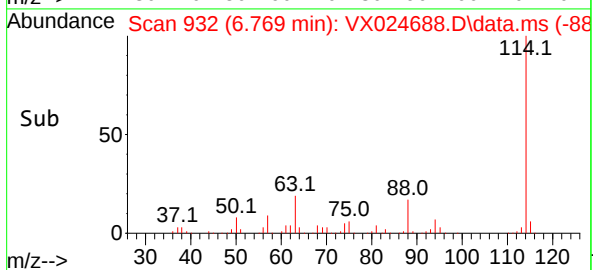
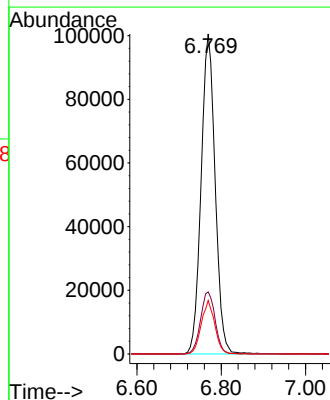
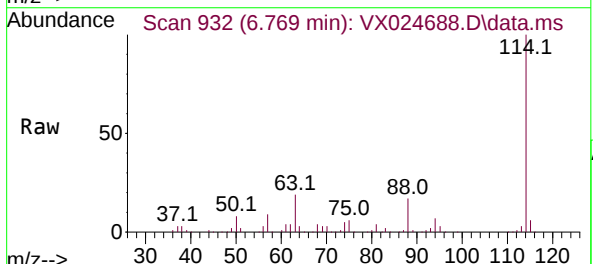
Lab File: VX024688.D

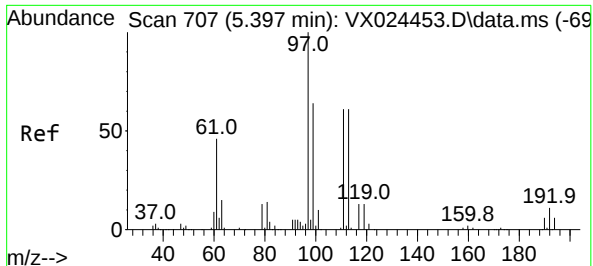
Acq: 08 Oct 2021 23:25

Tgt Ion: 114 Resp: 233211

Ion Ratio Lower Upper

114	100		
63	19.4	0.0	40.8
88	16.7	0.0	32.8

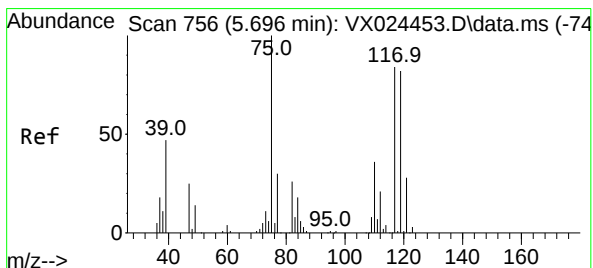
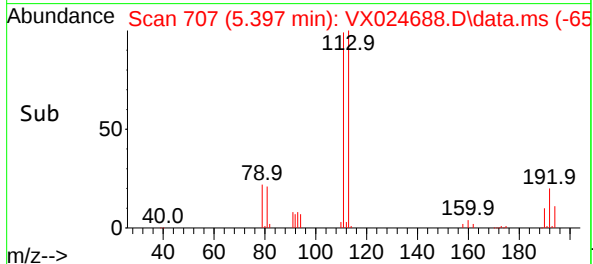
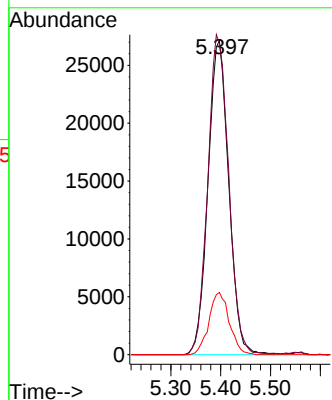
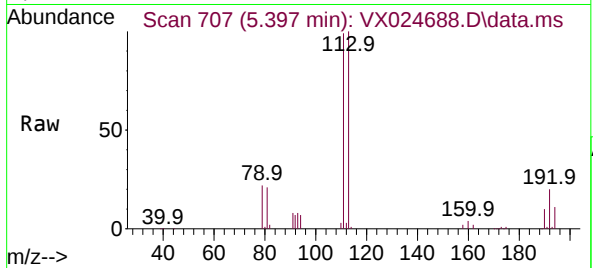




#35
Dibromofluoromethane
Concen: 50.658 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

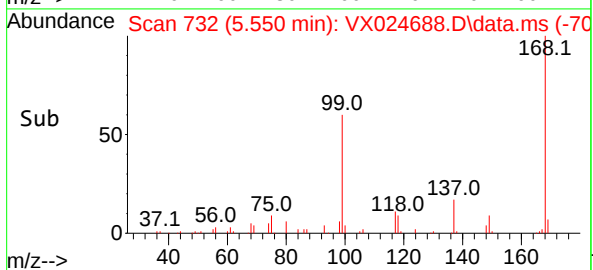
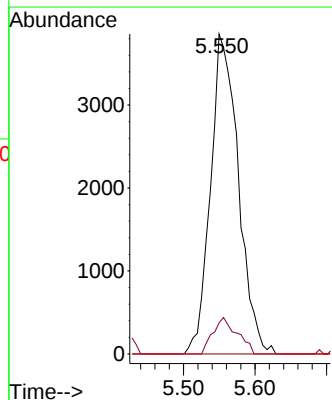
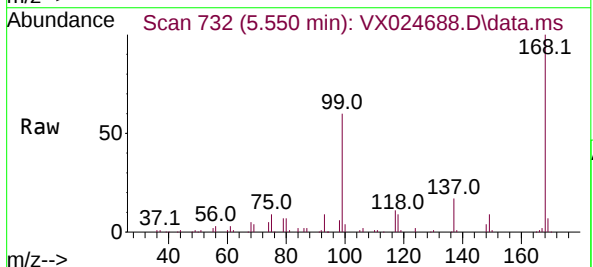
Instrument :
MSVOA_X
ClientSampled :

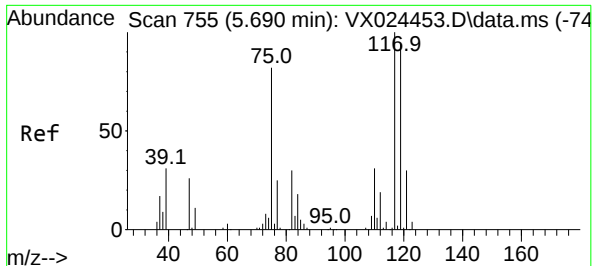
Tgt Ion:113 Resp: 78483
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

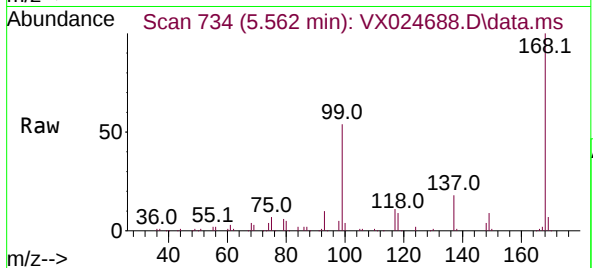
Tgt Ion: 75 Resp: 10423
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



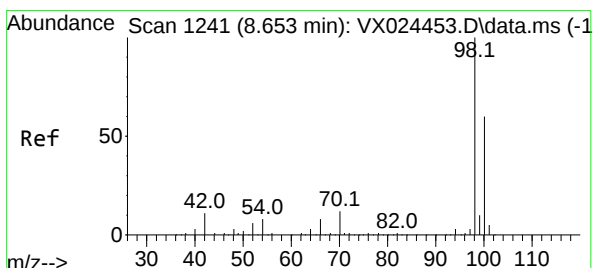
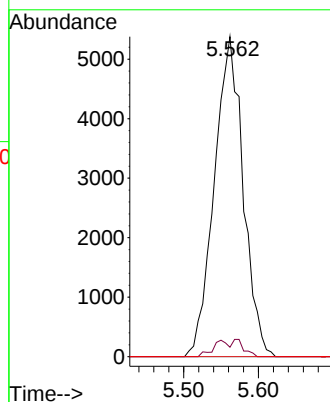
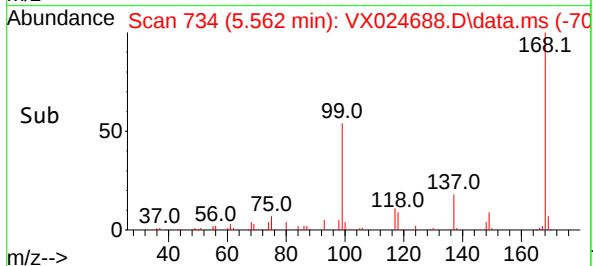


#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Instrument :
MSVOA_X
ClientSampleId :

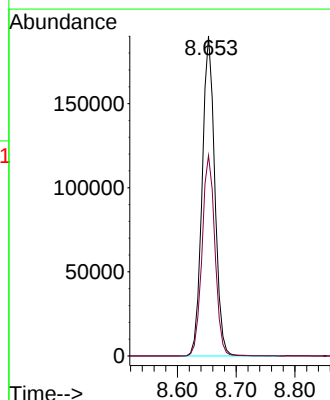
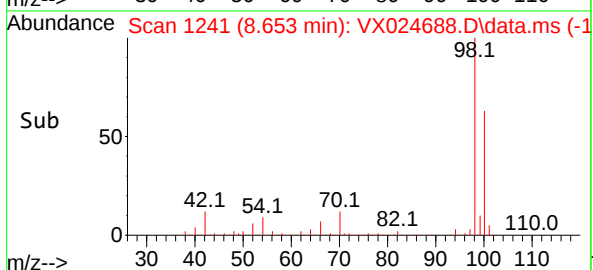
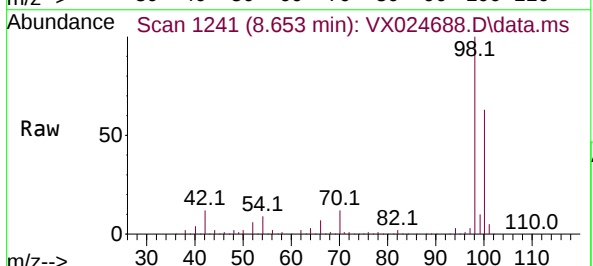


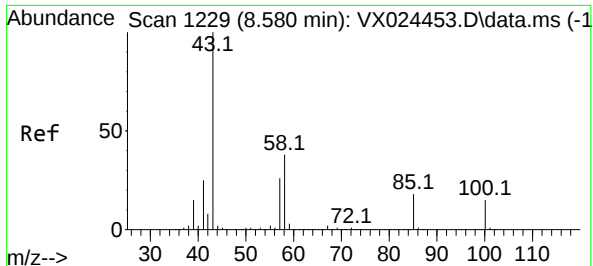
Tgt Ion:117 Resp: 14440
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.874 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 98 Resp: 284388
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

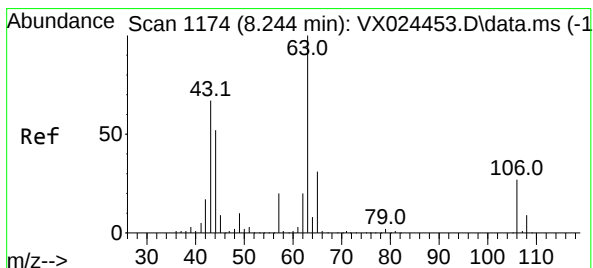
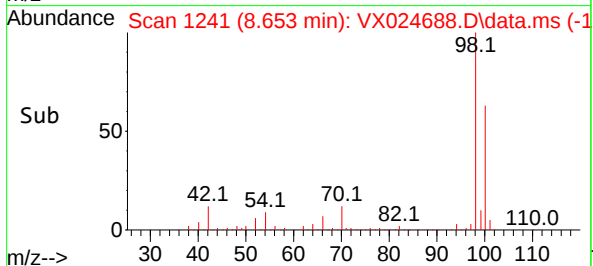
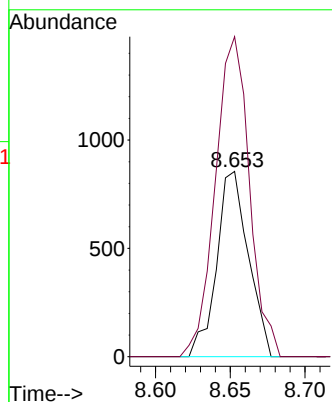
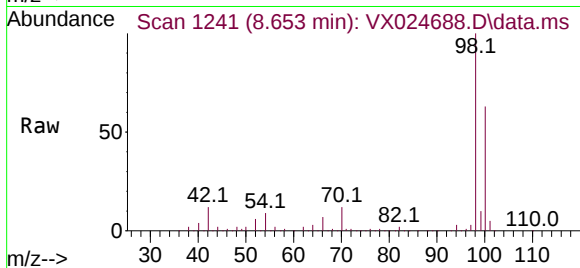




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

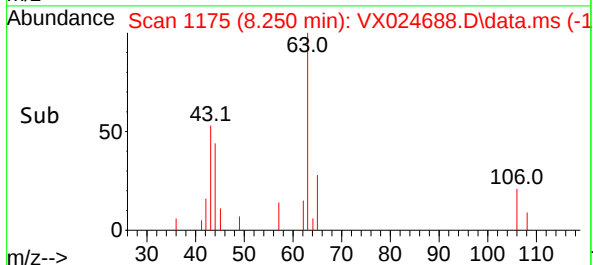
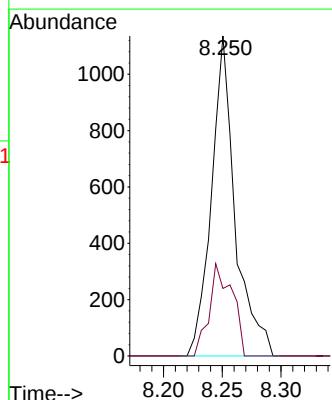
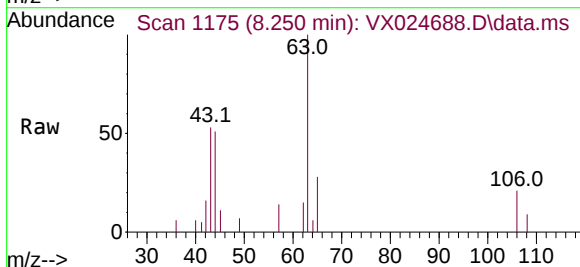
Instrument :
MSVOA_X
ClientSampled :

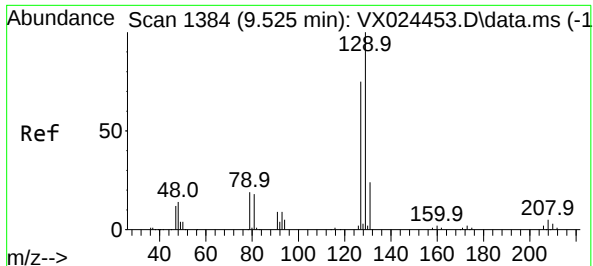
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 185.4 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.188 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion: 63 Resp: 1594
Ion Ratio Lower Upper
63 100
106 28.0 23.5 35.3





#60

Dibromochloromethane

Concen: 1.201 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.232 min

Lab File: VX024688.D

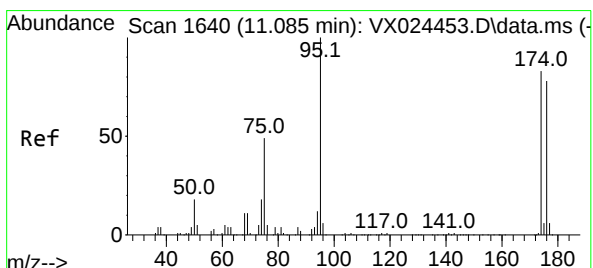
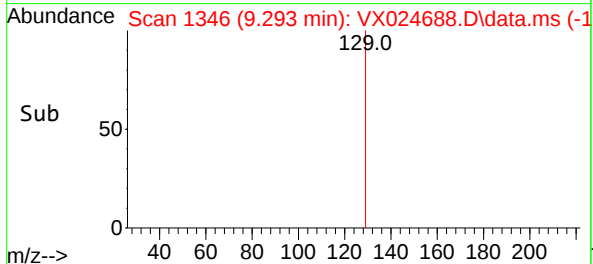
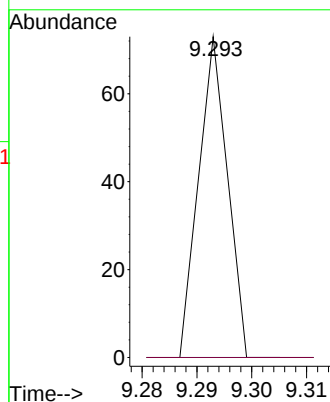
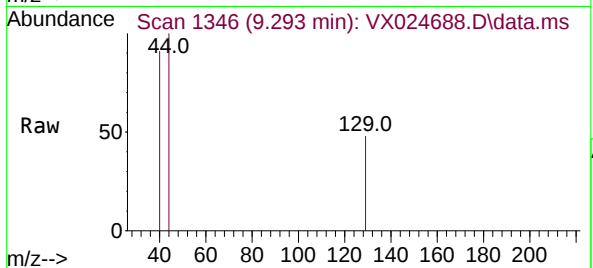
Acq: 08 Oct 2021 23:25

Tgt Ion:129 Resp: 27

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.430 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024688.D

Acq: 08 Oct 2021 23:25

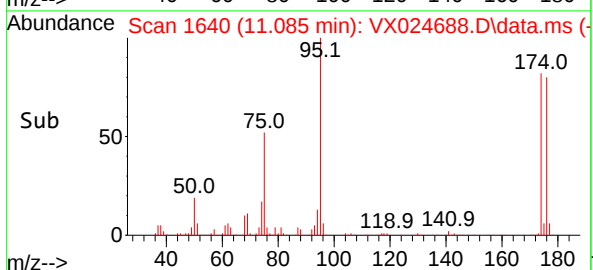
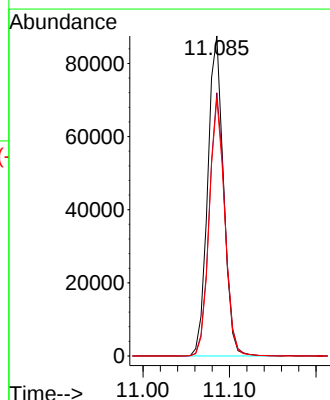
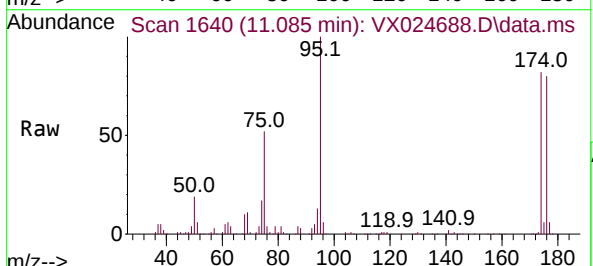
Tgt Ion: 95 Resp: 110821

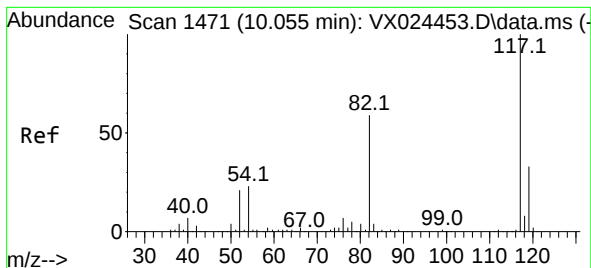
Ion Ratio Lower Upper

95 100

174 80.9 0.0 154.6

176 78.4 0.0 155.8

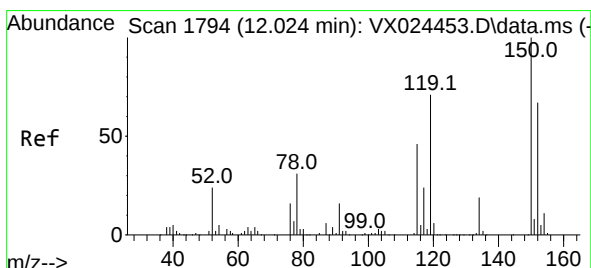
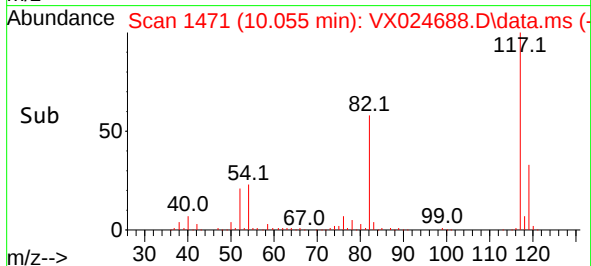
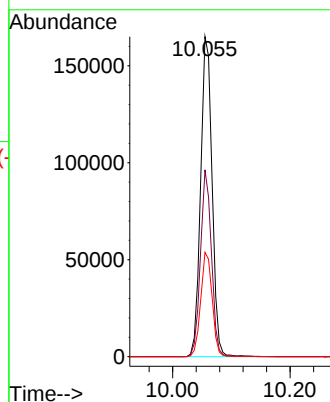
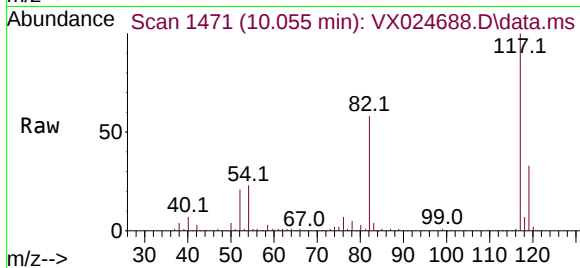




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

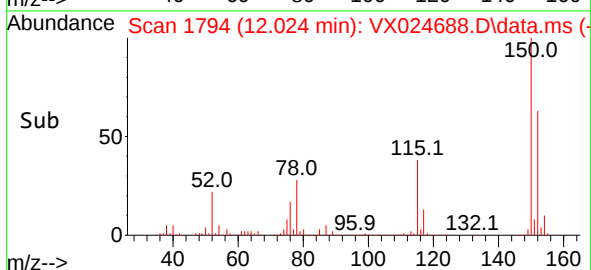
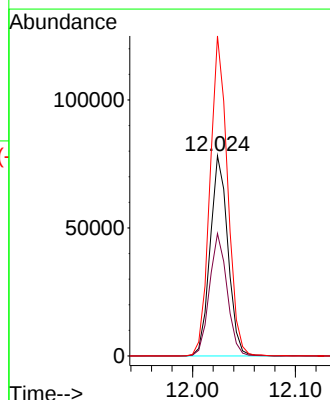
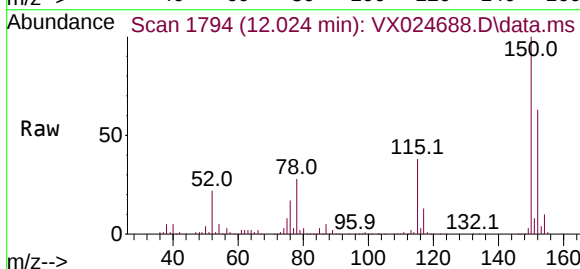
Instrument :
MSVOA_X
ClientSampled :

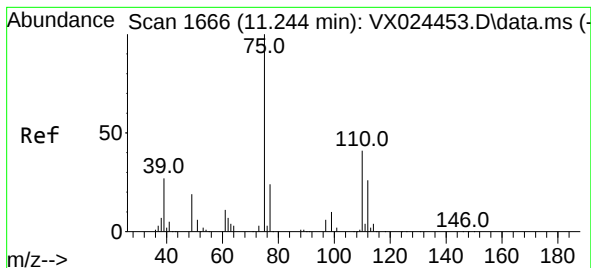
Tgt Ion:117 Resp: 223634
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024688.D
Acq: 08 Oct 2021 23:25

Tgt Ion:152 Resp: 93716
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 158.4 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 27.532 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX024688.D

Acq: 08 Oct 2021 23:25

Tgt Ion: 75 Resp: 58594

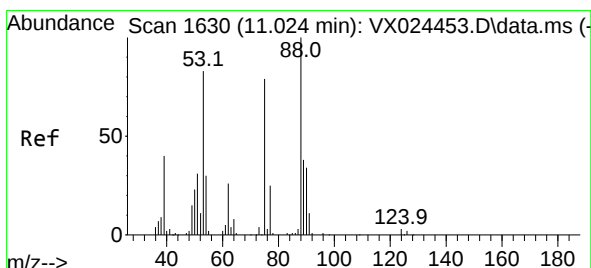
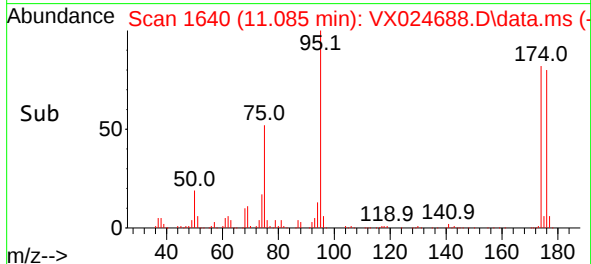
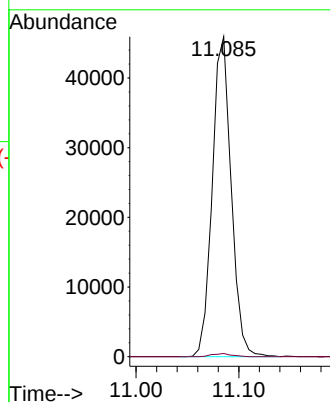
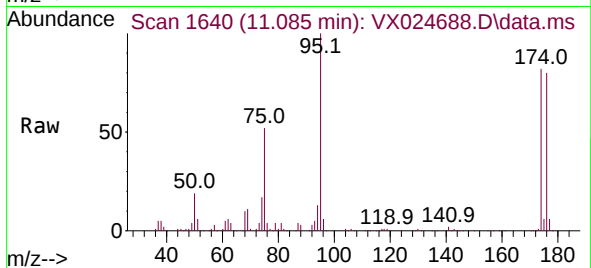
Ion Ratio Lower Upper

75 100
77 1.0 19.1 57.5#

Instrument :

MSVOA_X

ClientSampled :



#81

trans-1,4-Dichloro-2-butene

Concen: 74.882 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX024688.D

Acq: 08 Oct 2021 23:25

Tgt Ion: 75 Resp: 58594

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

