

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024100.D
 Acq On : 03 Sep 2021 14:18
 Operator : JC/MD
 Sample : M3646-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:29:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

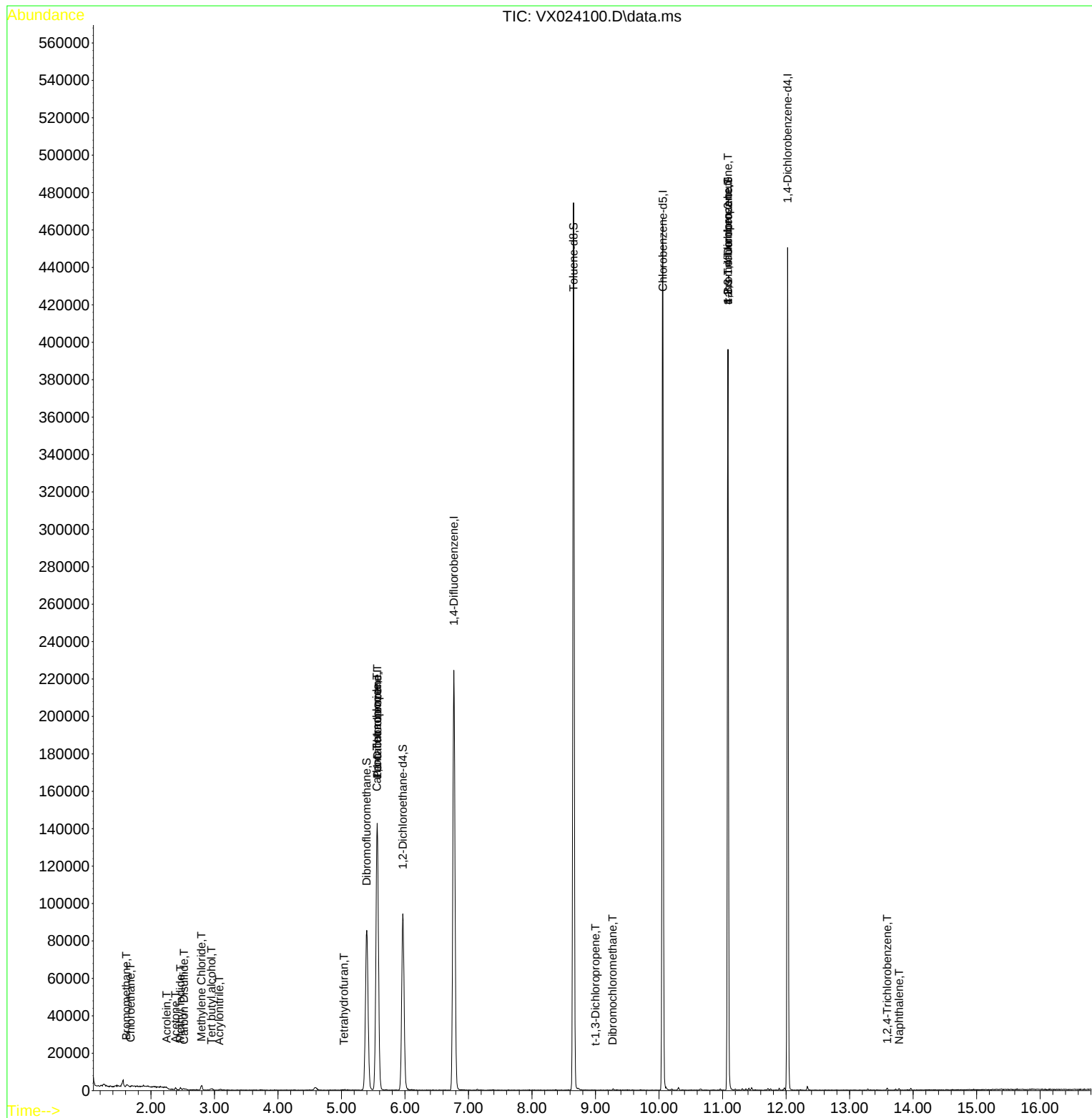
Internal Standards						
1) Pentafluorobenzene	5.562	168	132519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	209280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95361	51.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.397	113	73023	49.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	8.653	98	268558	47.998	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.085	95	97232	47.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.420%			
Target Compounds					Qvalue	
5) Bromomethane	1.612	94	212	0.225	ug/l #	65
6) Chloroethane	1.679	64	336	2.474	ug/l #	43
10) Methyl Iodide	2.465	142	1203	0.650	ug/l	96
11) Tert butyl alcohol	2.953	59	573	1.532	ug/l #	73
13) Acrolein	2.246	56	146	0.656	ug/l #	48
15) Acrylonitrile	3.075	53	193	0.232	ug/l #	44
16) Acetone	2.386	43	896	1.083	ug/l	90
17) Carbon Disulfide	2.520	76	819	0.270	ug/l #	75
20) Methylene Chloride	2.794	84	1004	0.636	ug/l	96
29) Tetrahydrofuran	5.038	42	202	0.249	ug/l #	44
36) 1,1-Dichloropropene	5.562	75	10498	5.104	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13757	6.414	ug/l #	16
53) t-1,3-Dichloropropene	9.000	75	105	2.175	ug/l #	44
60) Dibromochloromethane	9.269	129	110	1.747	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51947	25.421	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51947	74.777	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	387	0.223	ug/l	90
95) Naphthalene	13.780	128	729	1.393	ug/l #	72

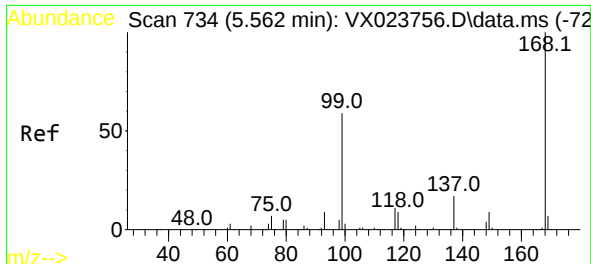
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
Data File : VX024100.D
Acq On : 03 Sep 2021 14:18
Operator : JC/MD
Sample : M3646-16 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 04 01:29:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

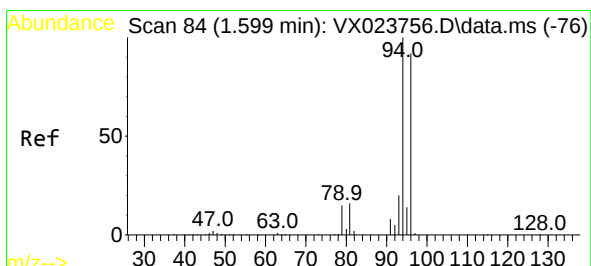
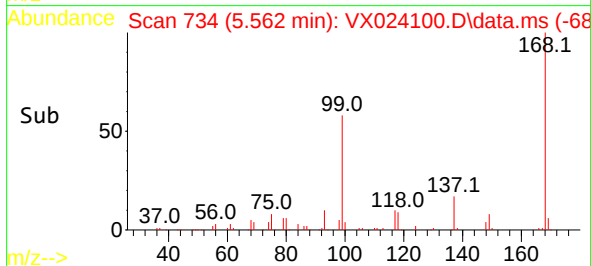
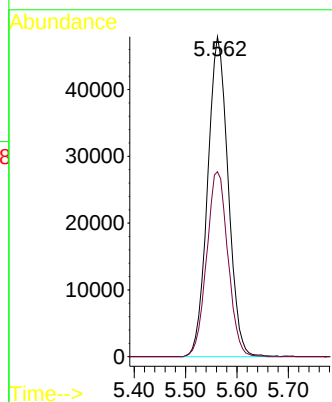
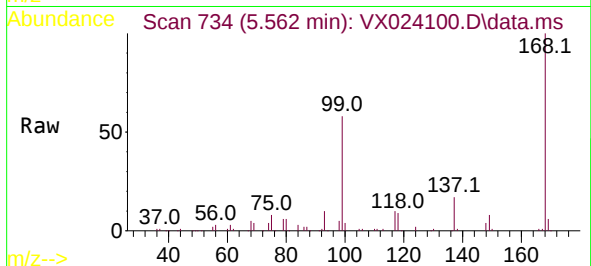




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

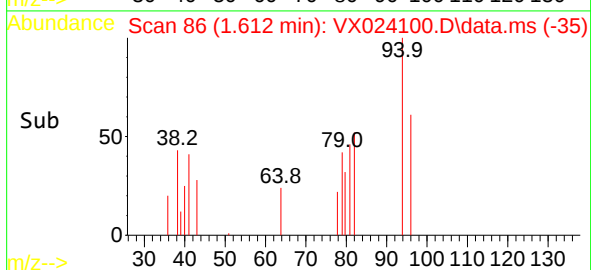
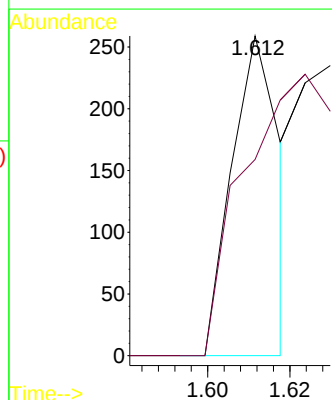
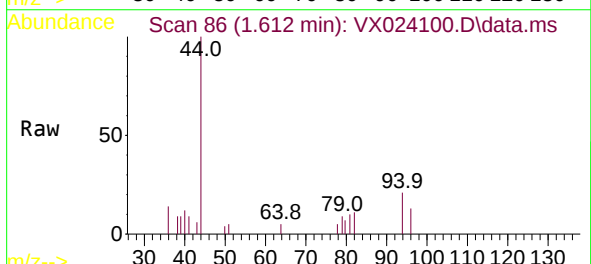
Instrument :
MSVOA_X
ClientSampleId :

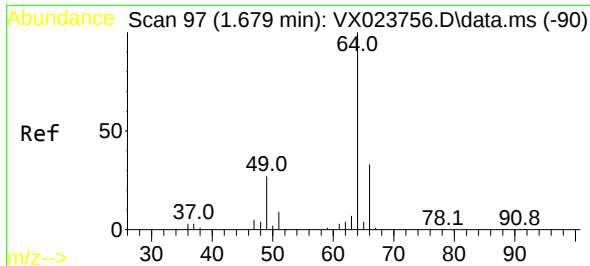
Tgt Ion:168 Resp: 132519
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.225 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 61.4 76.4 114.6#

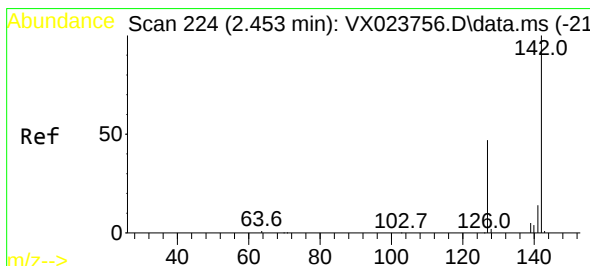
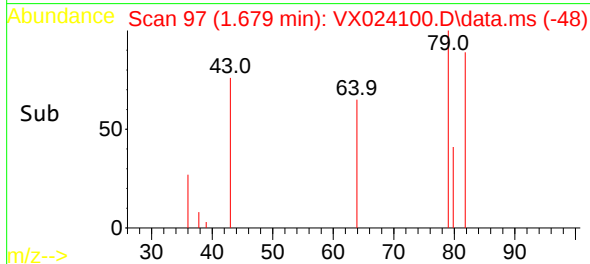
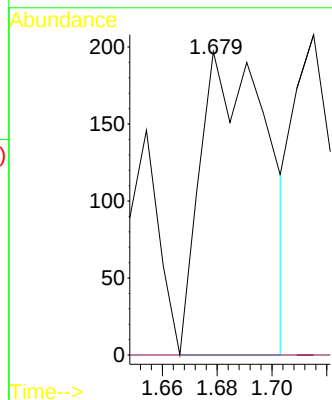
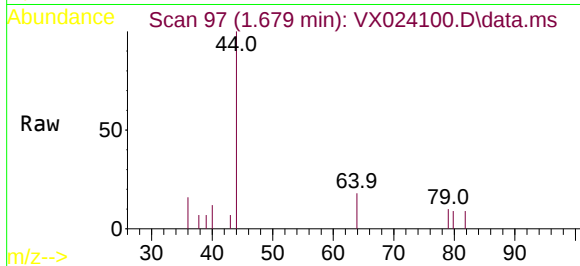




#6
Chloroethane
Concen: 2.474 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

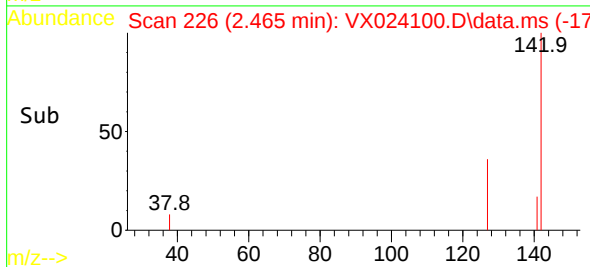
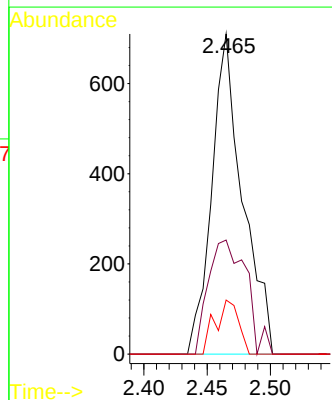
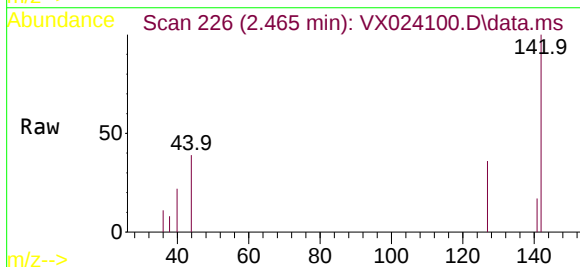
Instrument :
MSVOA_X
ClientSampled :

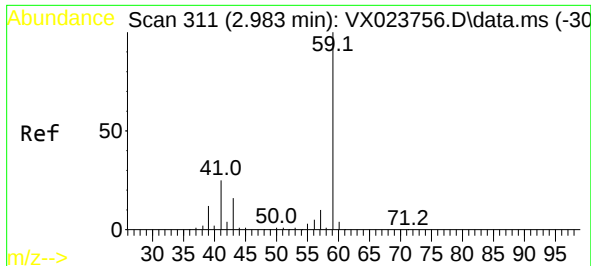
Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.650 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 142 Resp: 1203
Ion Ratio Lower Upper
142 100
127 43.9 33.3 49.9
141 12.7 11.4 17.0



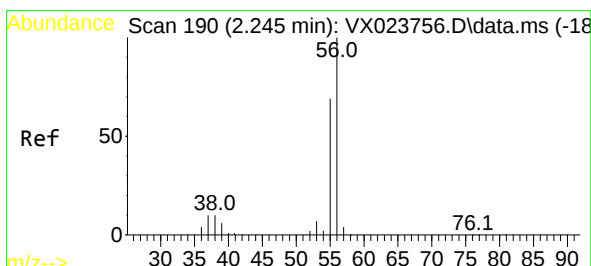
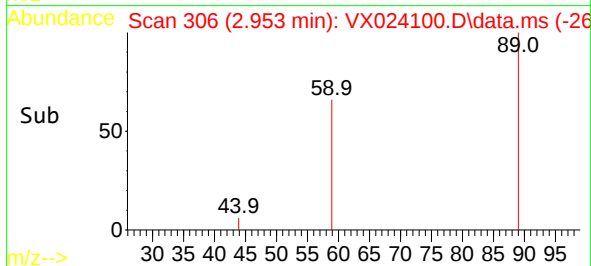
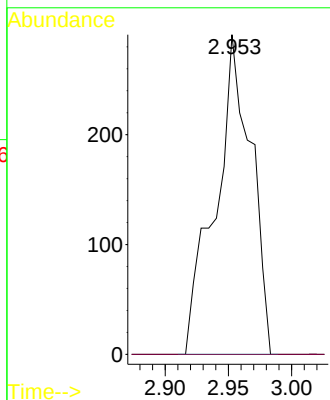
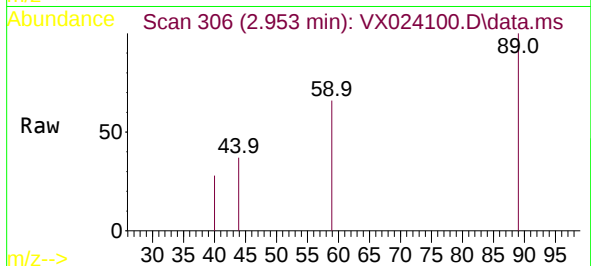


#11

Tert butyl alcohol
Concen: 1.532 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Instrument :
MSVOA_X
ClientSampled :

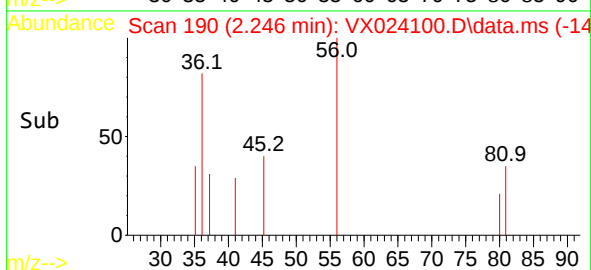
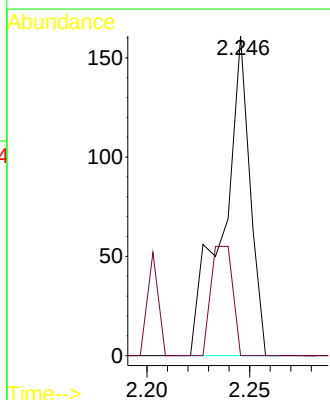
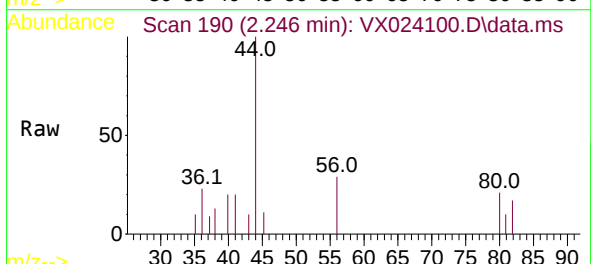
Tgt Ion: 59 Resp: 573
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

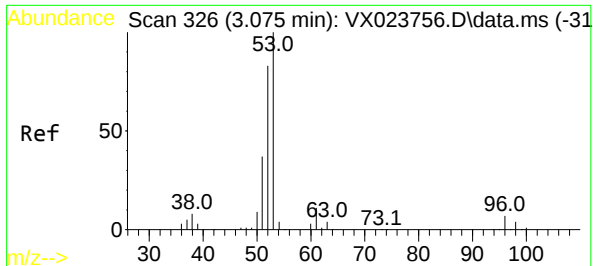


#13

Acrolein
Concen: 0.656 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

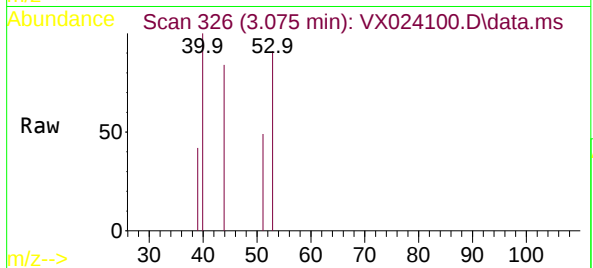
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 27.4 56.4 84.6#



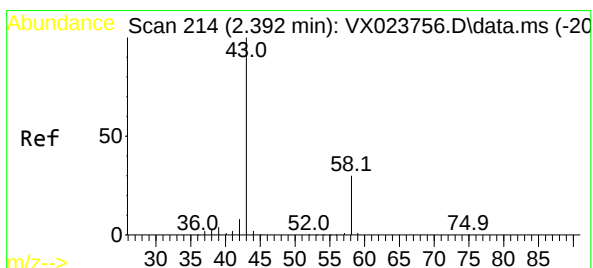
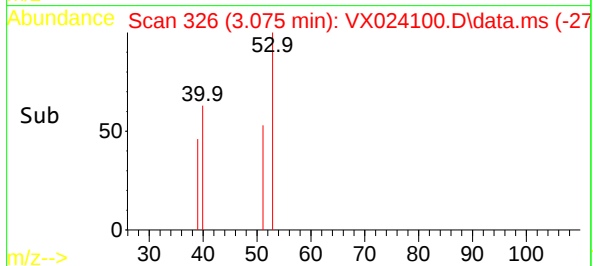
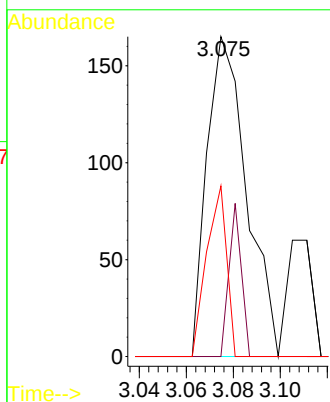


#15
Acrylonitrile
Concen: 0.232 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Instrument :
MSVOA_X
ClientSampled :

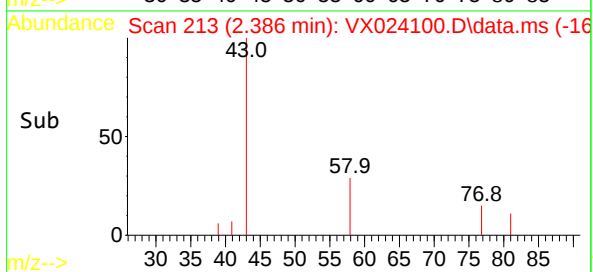
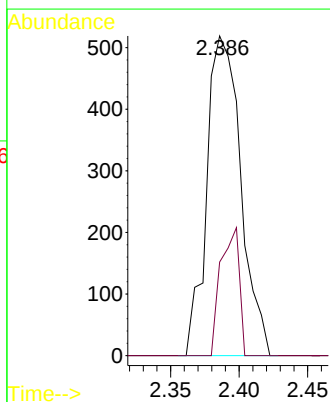
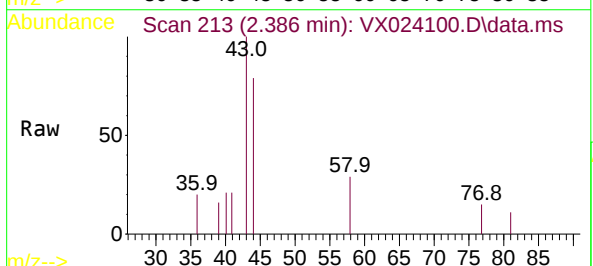


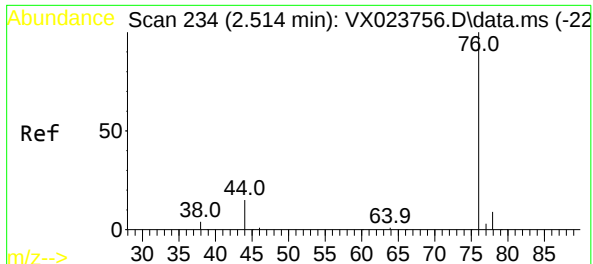
Tgt Ion: 53 Resp: 193
Ion Ratio Lower Upper
53 100
52 15.0 65.3 97.9#
51 26.9 28.2 42.2#



#16
Acetone
Concen: 1.083 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

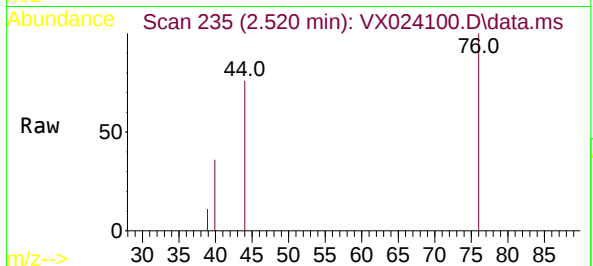
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



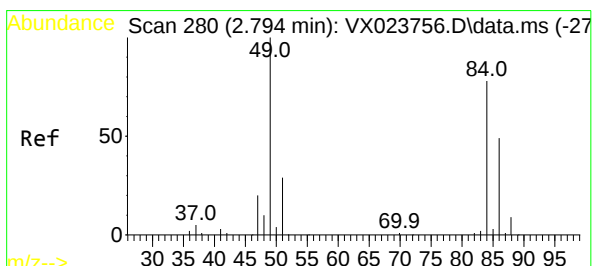
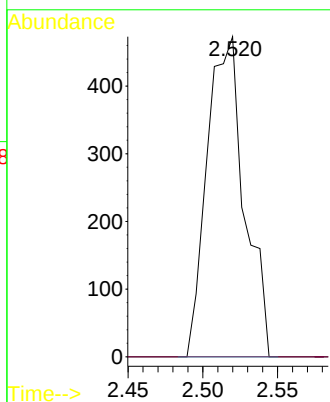
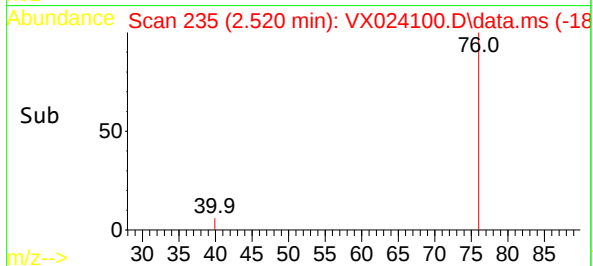


#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

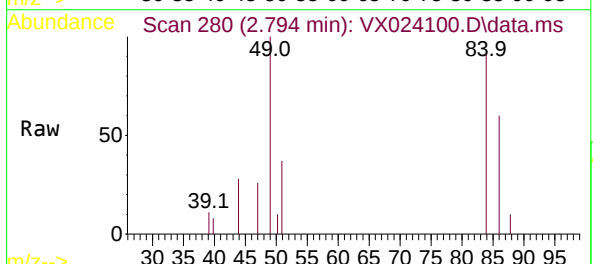
Instrument :
MSVOA_X
ClientSampled :



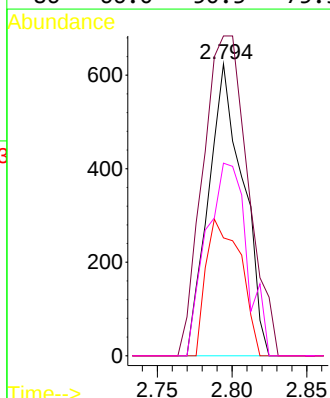
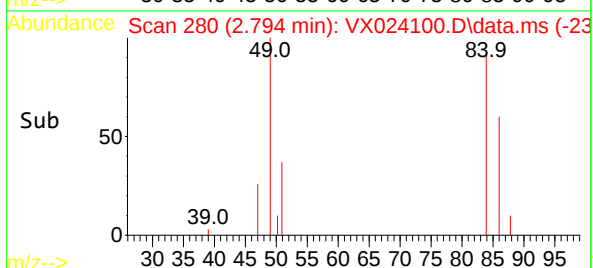
Tgt Ion: 76 Resp: 819
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

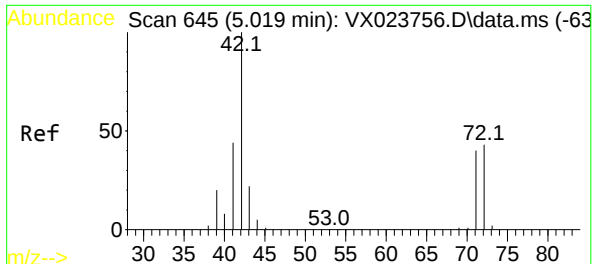


#20
Methylene Chloride
Concen: 0.636 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18



Tgt Ion: 84 Resp: 1004
Ion Ratio Lower Upper
84 100
49 109.6 88.6 132.8
51 40.4 27.0 40.6
86 66.0 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 5.038 min Scan# 648

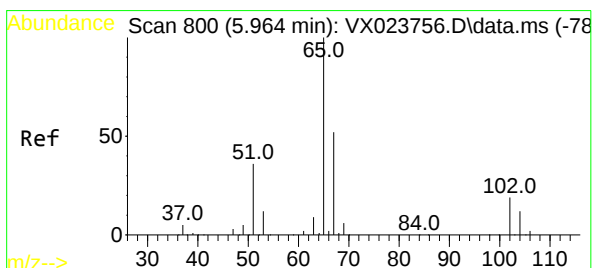
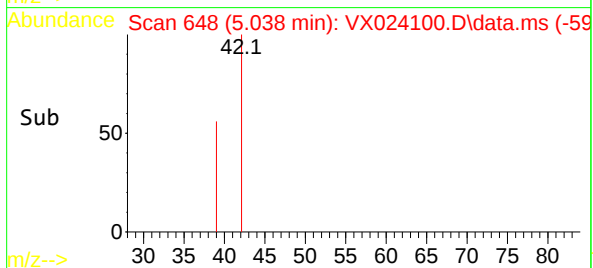
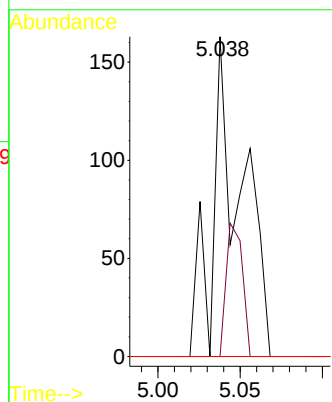
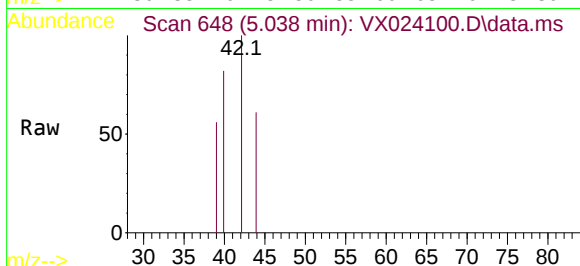
Delta R.T. 0.019 min

Lab File: VX024100.D

Acq: 03 Sep 2021 14:18

Tgt Ion:	42	Resp:	202
Ion	Ratio	Lower	Upper
42	100		
72	22.8	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 51.559 ug/l

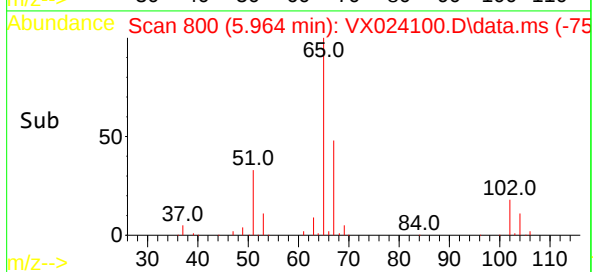
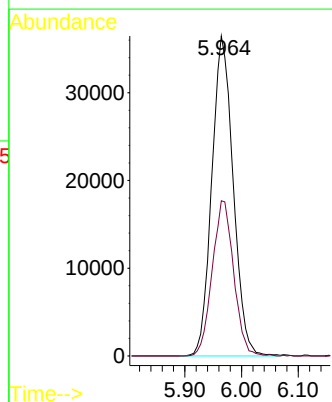
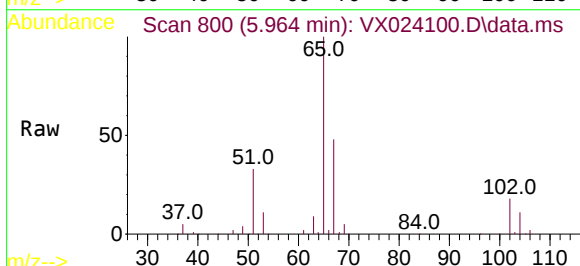
RT: 5.964 min Scan# 800

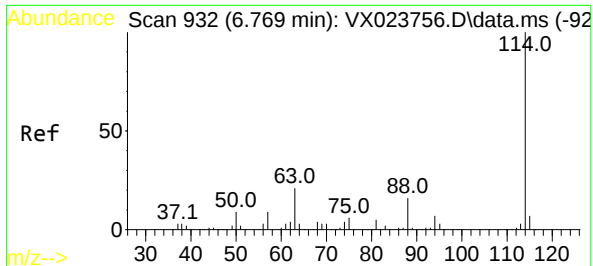
Delta R.T. 0.000 min

Lab File: VX024100.D

Acq: 03 Sep 2021 14:18

Tgt Ion:	65	Resp:	95361
Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	105.4

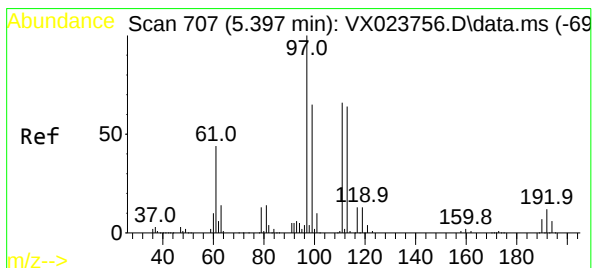
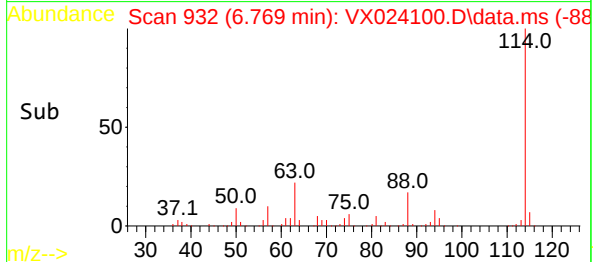
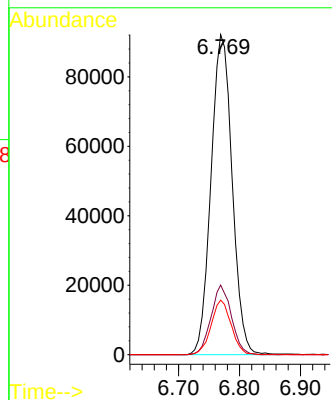
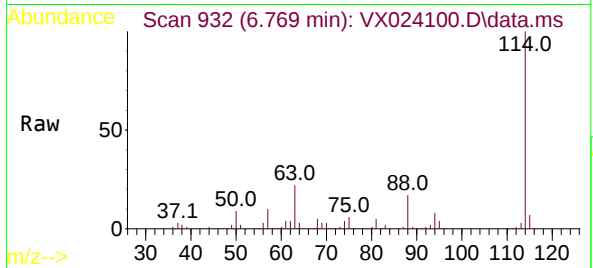




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

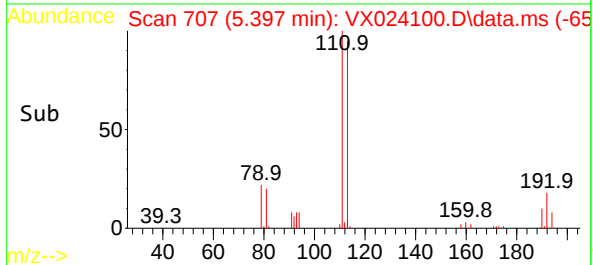
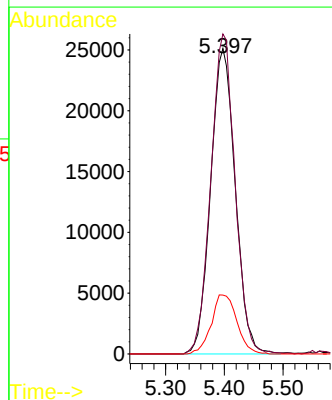
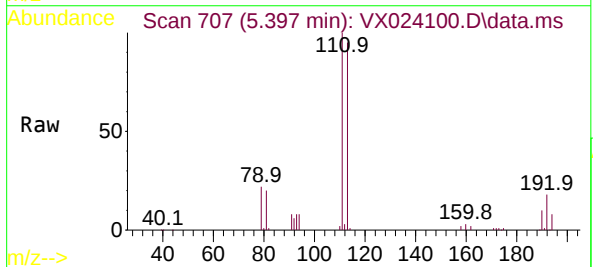
Instrument :
MSVOA_X
ClientSampled :

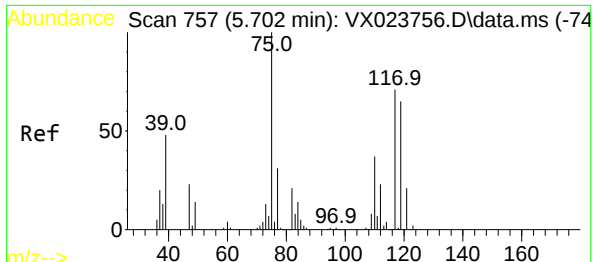
Tgt Ion:114 Resp: 222106
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion:113 Resp: 73023
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.1 16.7 25.1

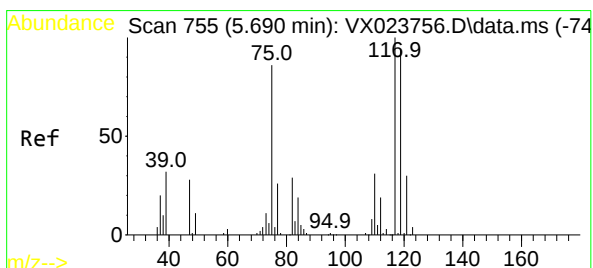
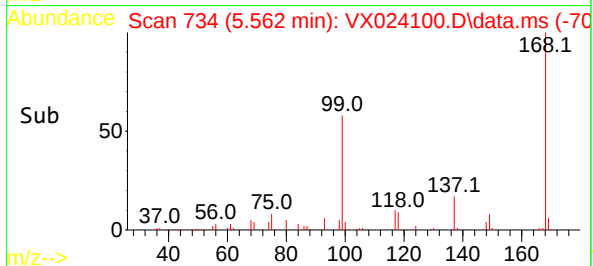
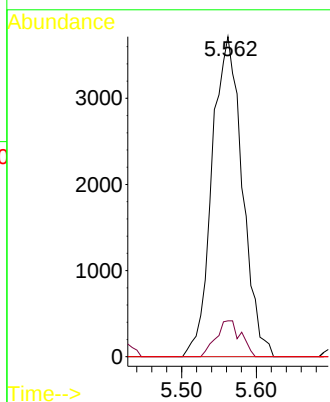
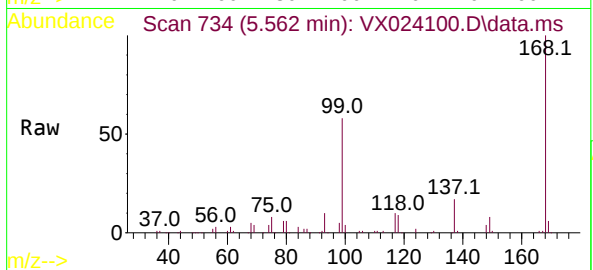




#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

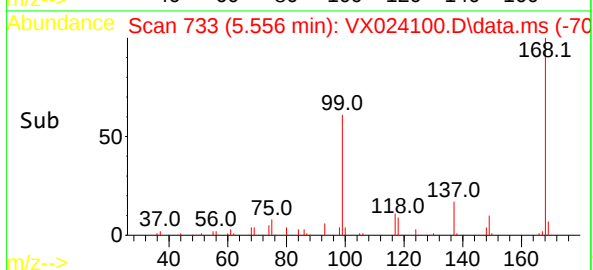
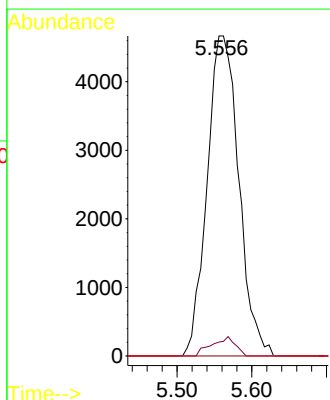
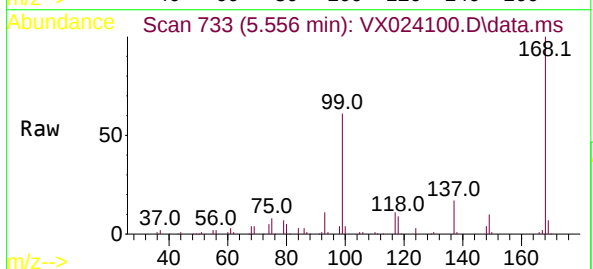
Instrument :
MSVOA_X
ClientSampled :

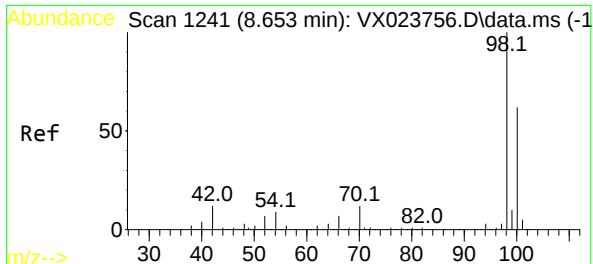
Tgt Ion: 75 Resp: 10498
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 117 Resp: 13757
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

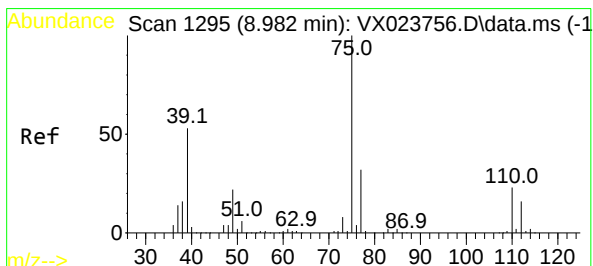
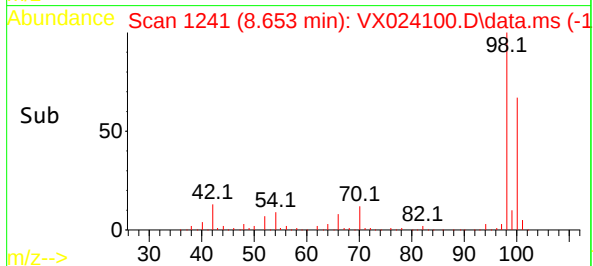
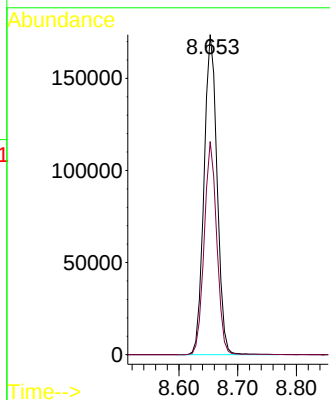
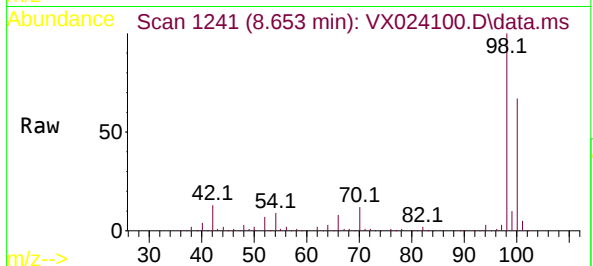




#50
Toluene-d8
Concen: 47.998 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

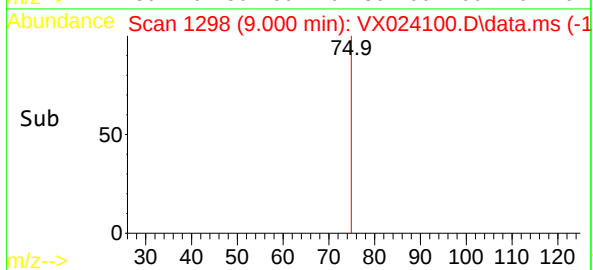
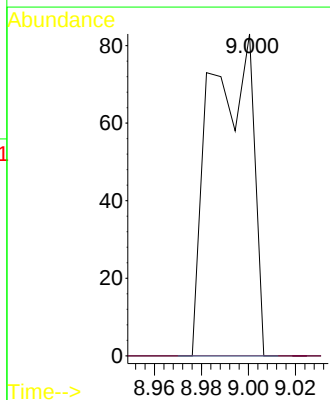
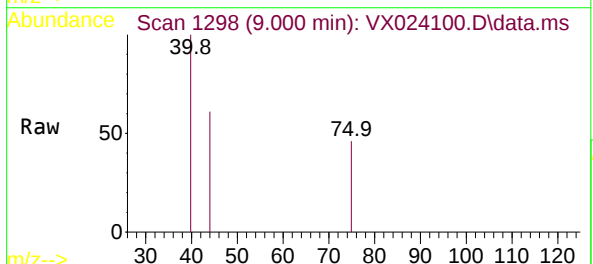
Instrument :
MSVOA_X
ClientSampled :

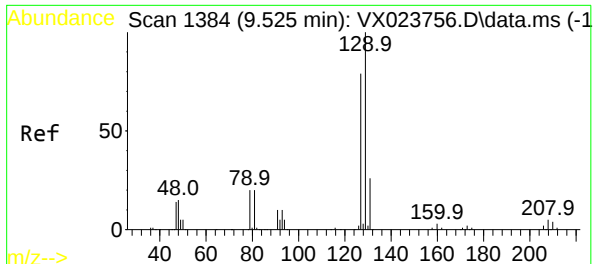
Tgt Ion: 98 Resp: 268558
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.175 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 75 Resp: 105
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.747 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.256 min

Lab File: VX024100.D

Acq: 03 Sep 2021 14:18

Instrument :

MSVOA_X

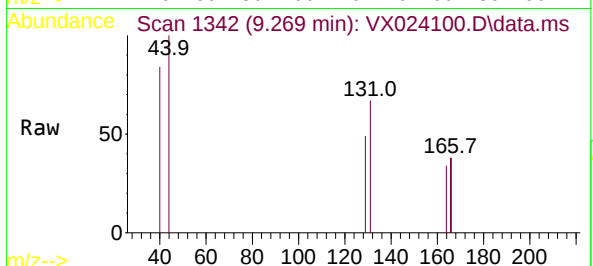
ClientSampleId :

Tgt Ion:129 Resp: 110

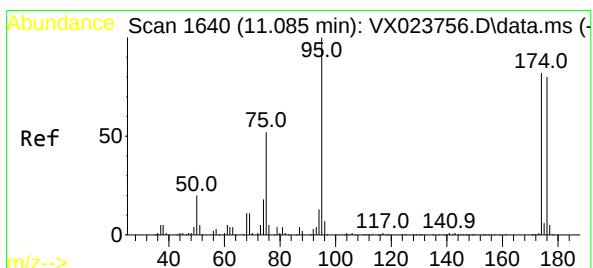
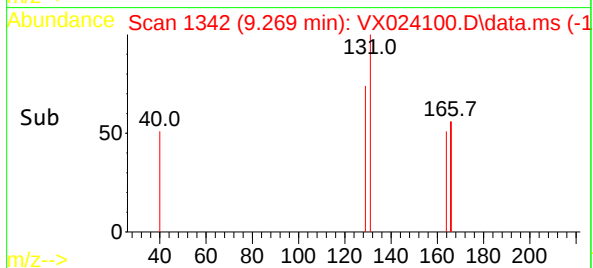
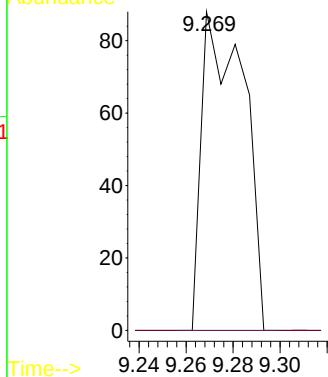
Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.206 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024100.D

Acq: 03 Sep 2021 14:18

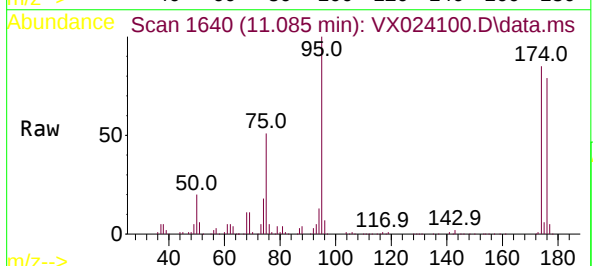
Tgt Ion: 95 Resp: 97232

Ion Ratio Lower Upper

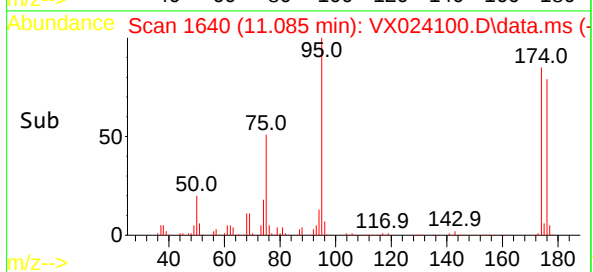
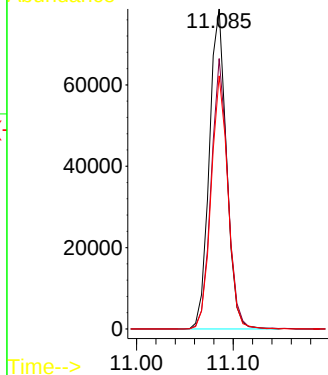
95 100

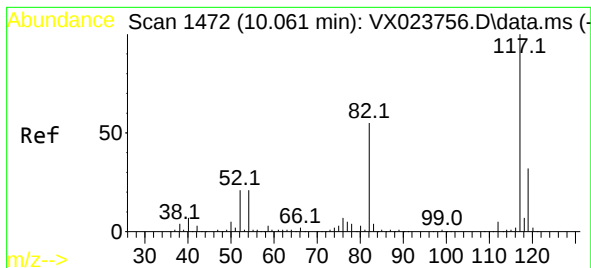
174 81.9 0.0 154.6

176 77.4 0.0 155.8



Abundance

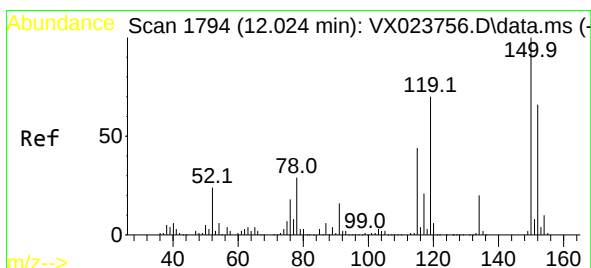
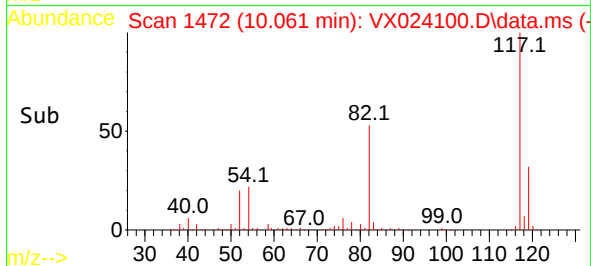
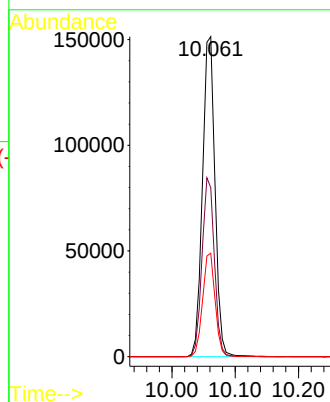
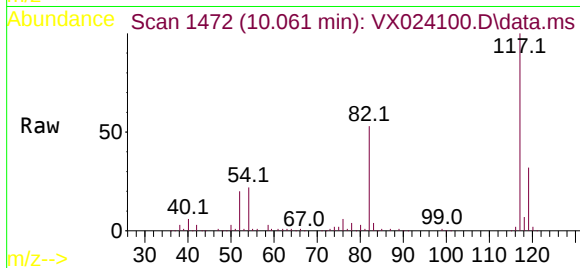




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

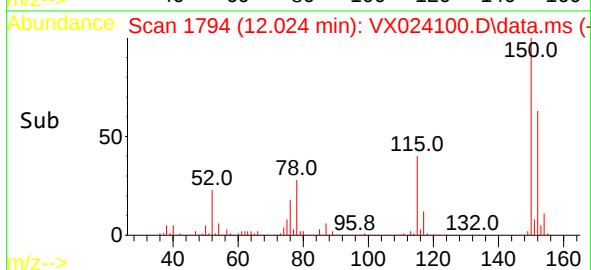
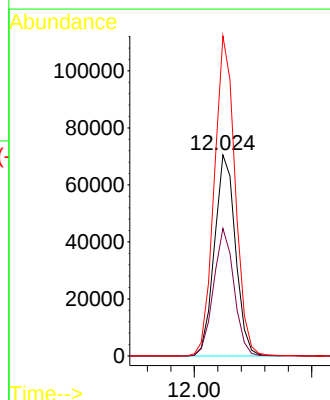
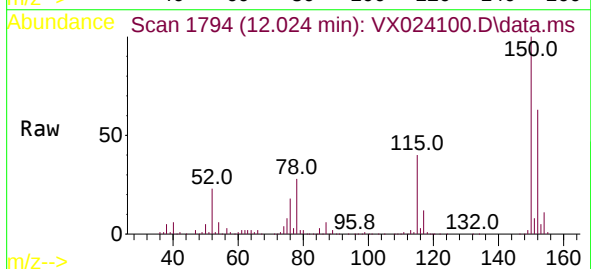
Instrument :
MSVOA_X
ClientSampled :

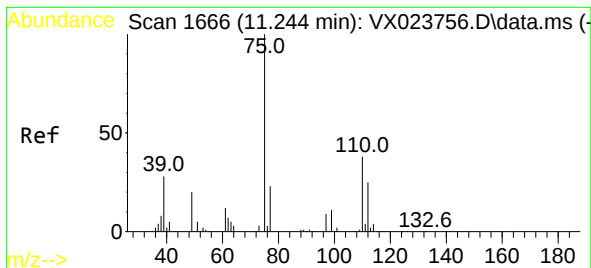
Tgt Ion:117 Resp: 209280
Ion Ratio Lower Upper
117 100
82 52.8 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion:152 Resp: 87600
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.9 0.0 349.0

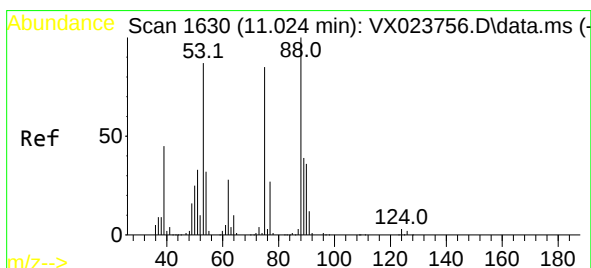
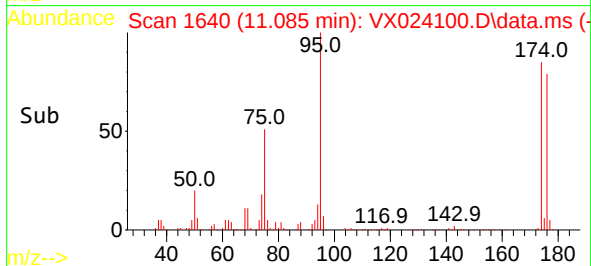
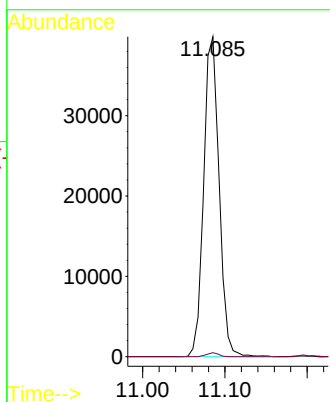
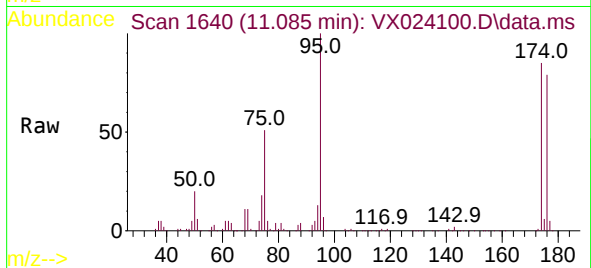




#76
1,2,3-Trichloropropane
Concen: 25.421 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

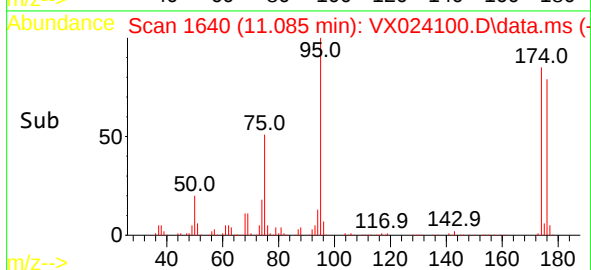
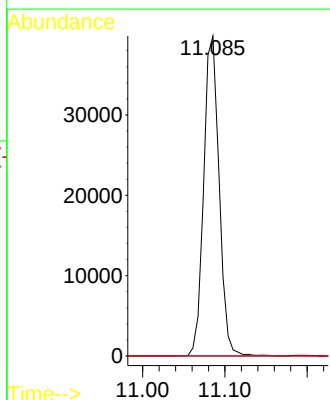
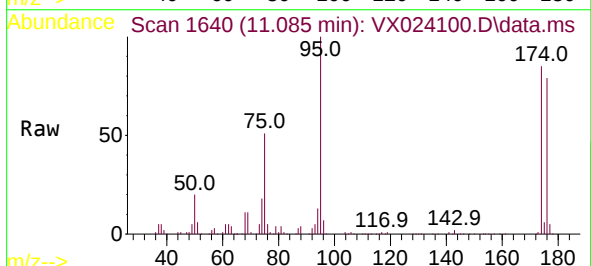
Instrument :
MSVOA_X
ClientSampled :

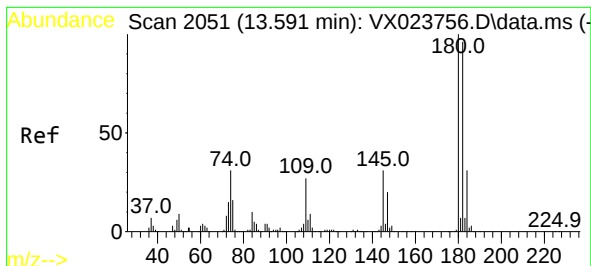
Tgt Ion: 75 Resp: 51947
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.777 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 75 Resp: 51947
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

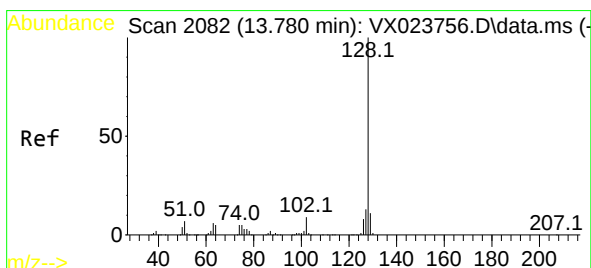
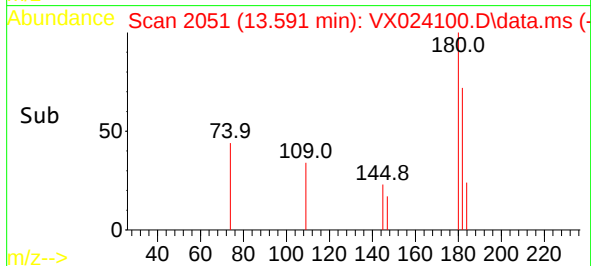
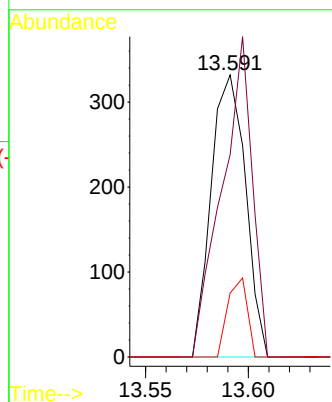
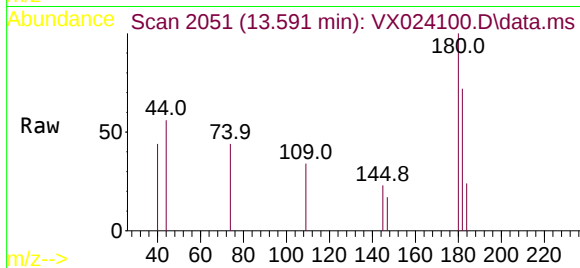




#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:180 Resp: 387
Ion Ratio Lower Upper
180 100
182 99.7 47.7 143.1
145 15.8 15.0 45.0



#95
Naphthalene
Concen: 1.393 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion:128 Resp: 729
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 2.6 8.8 13.2#

