

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024147.D
 Acq On : 09 Sep 2021 17:54
 Operator : JC/MD
 Sample : M3688-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 10 07:30:37 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)

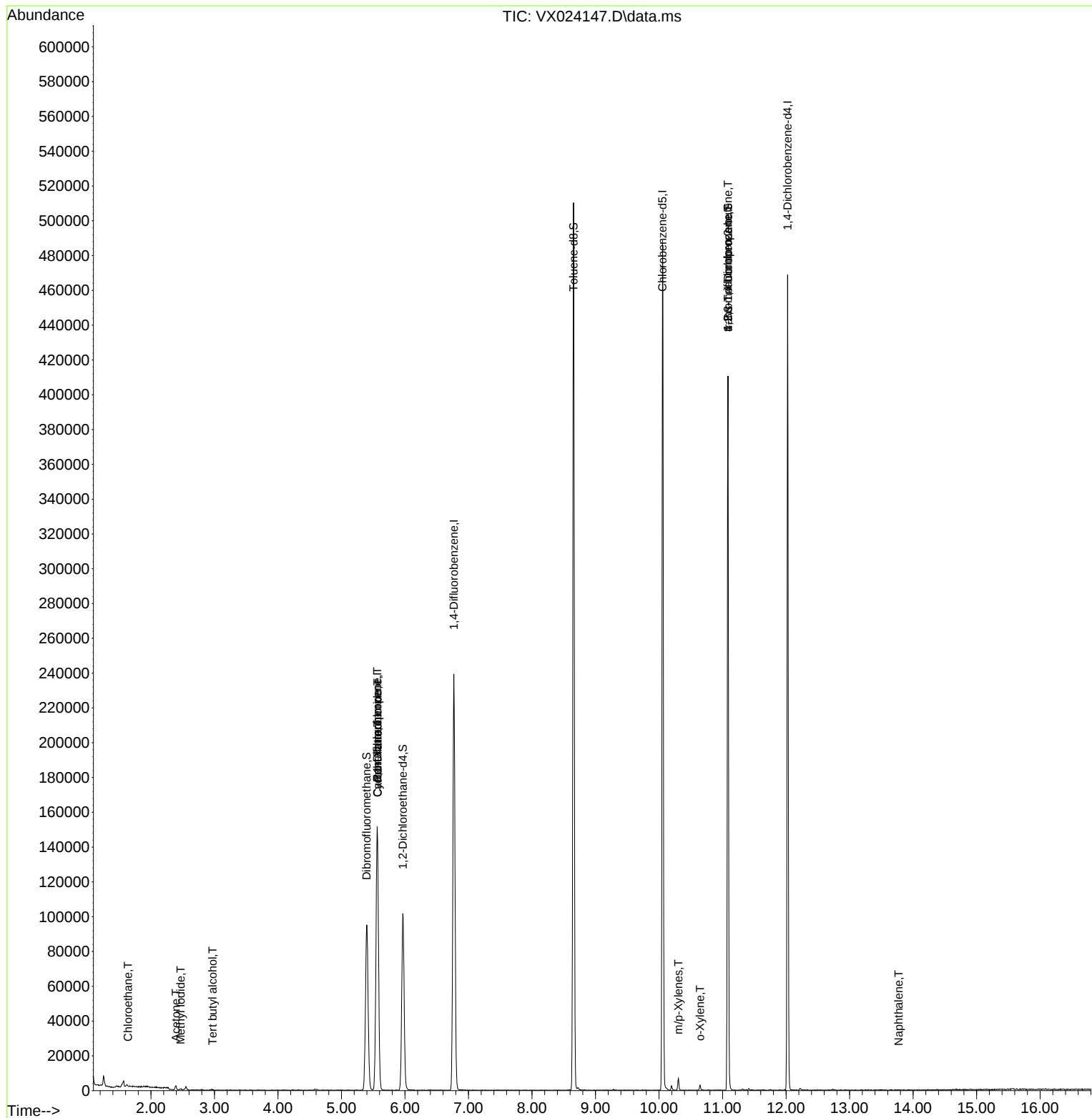
Internal Standards						
1) Pentafluorobenzene	5.562	168	139656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102380	52.525	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.060%
35) Dibromofluoromethane	5.397	113	80220	51.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	8.653	98	290701	49.156	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.085	95	104054	47.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
						Qvalue
6) Chloroethane	1.636	64	560	2.623	ug/l #	43
10) Methyl Iodide	2.465	142	776	0.398	ug/l #	96
11) Tert butyl alcohol	2.971	59	501	1.271	ug/l #	73
16) Acetone	2.392	43	2512	2.882	ug/l #	79
31) Cyclohexane	5.568	56	3214	1.283	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	10573	4.863	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14253	6.287	ug/l #	16
68) m/p-Xylenes	10.305	106	1600	0.527	ug/l	99
69) o-Xylene	10.646	106	709	0.238	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	56474	26.438	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56474	77.769	ug/l #	12
95) Naphthalene	13.774	128	166	1.307	ug/l #	69

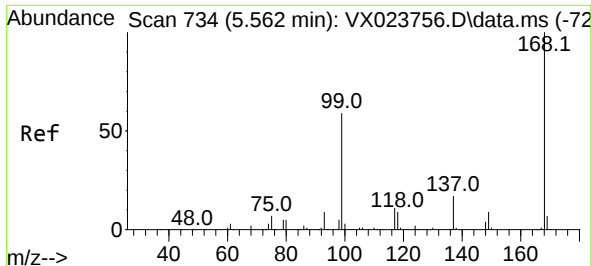
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

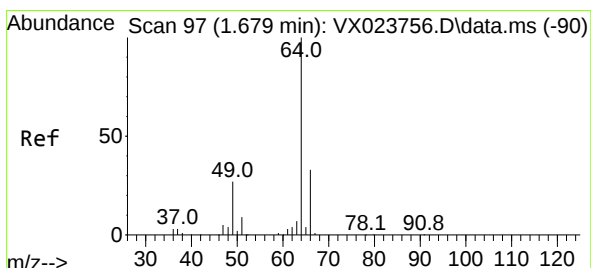
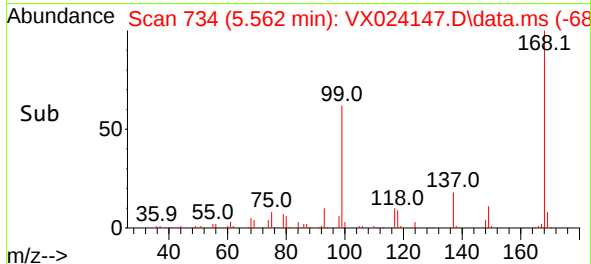
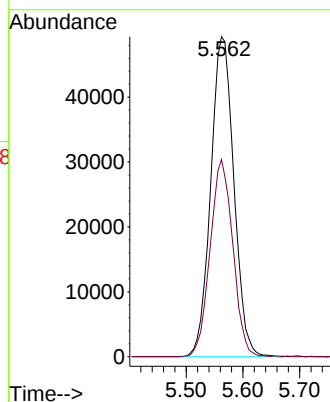
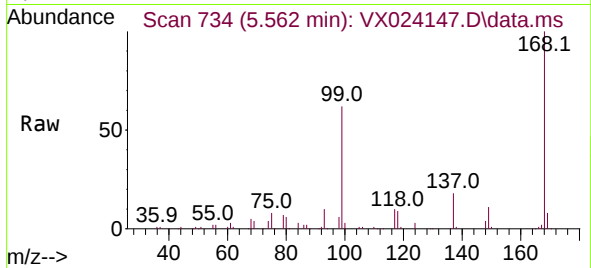




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

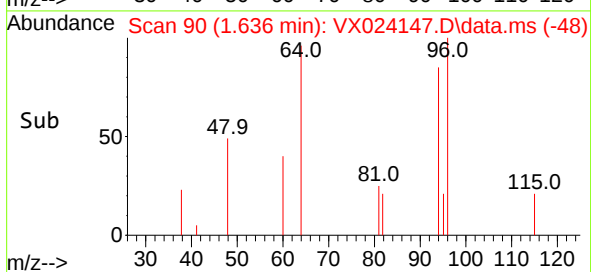
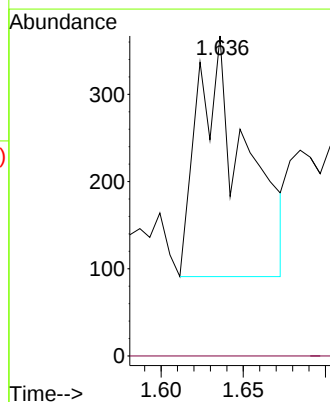
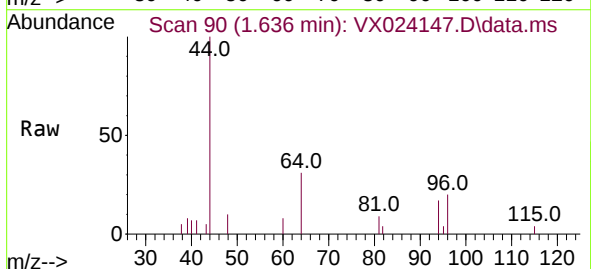
Instrument :
MSVOA_X
ClientSampleId :

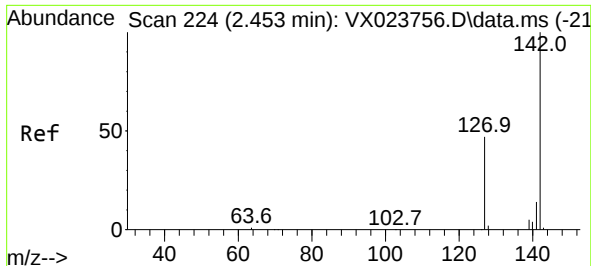
Tgt Ion:168 Resp: 139656
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#6
Chloroethane
Concen: 2.623 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

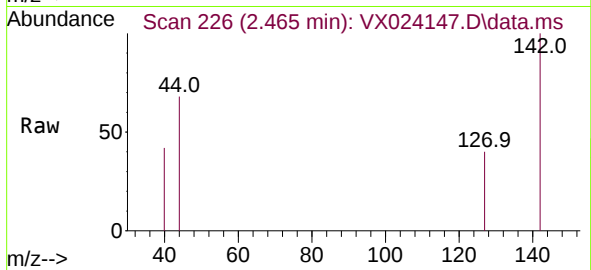
Tgt Ion: 64 Resp: 560
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



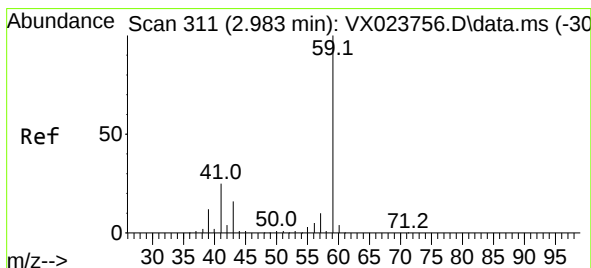
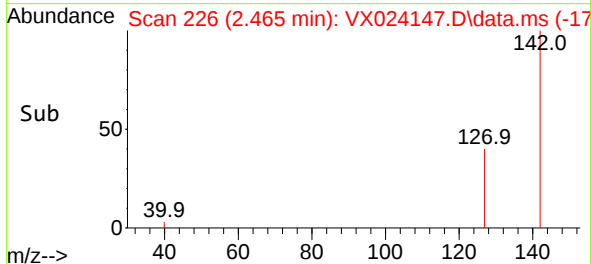
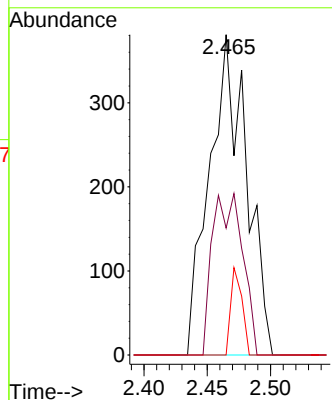


#10
Methyl Iodide
Concen: 0.398 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Instrument :
MSVOA_X
ClientSampled :

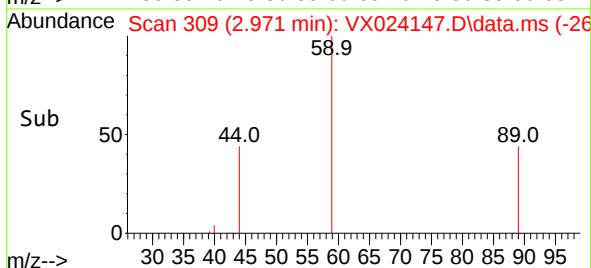
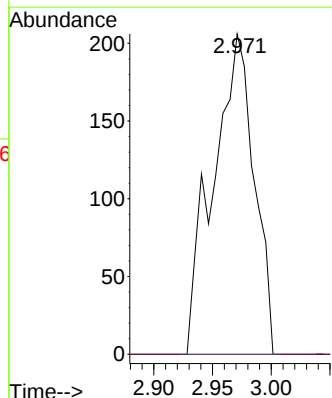
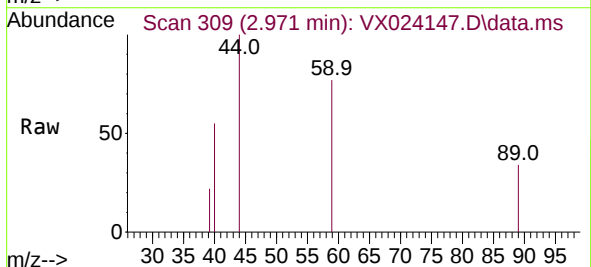


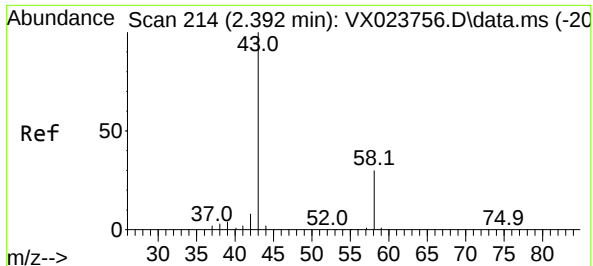
Tgt Ion:142 Resp: 776
Ion Ratio Lower Upper
142 100
127 41.1 33.3 49.9
141 8.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.271 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

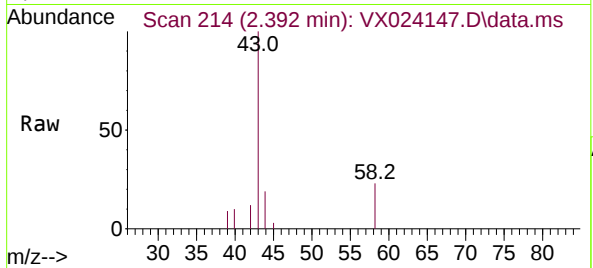
Tgt Ion: 59 Resp: 501
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



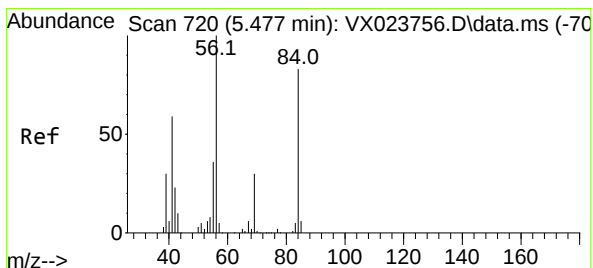
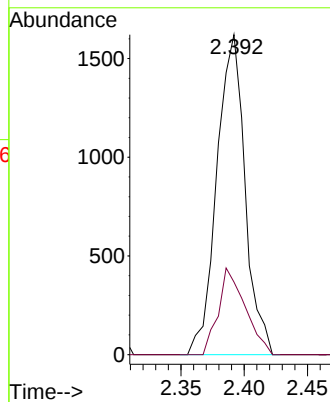
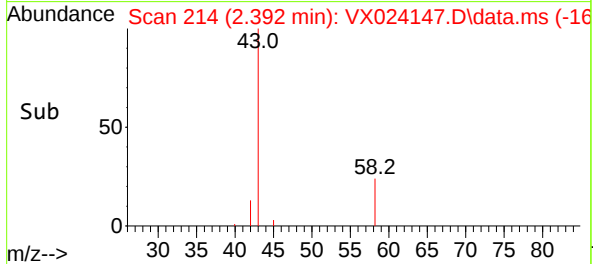


#16
Acetone
Concen: 2.882 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

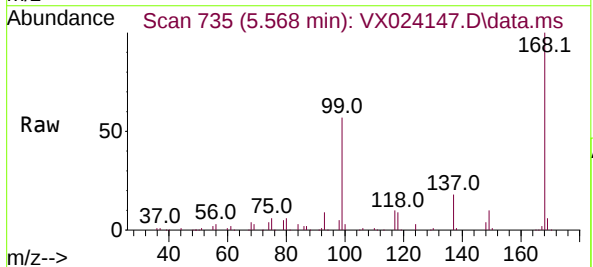
Instrument :
MSVOA_X
ClientSampled :



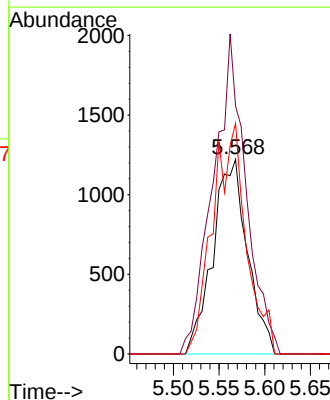
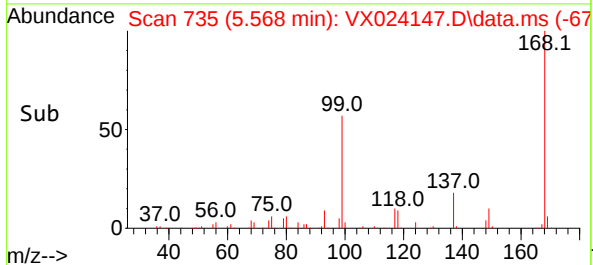
Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 22.7 27.8 41.8#

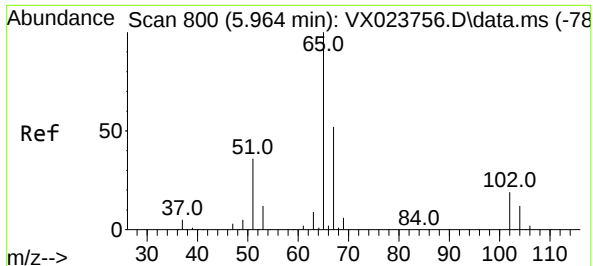


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54



Tgt Ion: 56 Resp: 3214
Ion Ratio Lower Upper
56 100
69 127.4 25.3 37.9#
84 118.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.525 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024147.D

Acq: 09 Sep 2021 17:54

Tgt Ion: 65 Resp: 102380

Ion Ratio Lower Upper

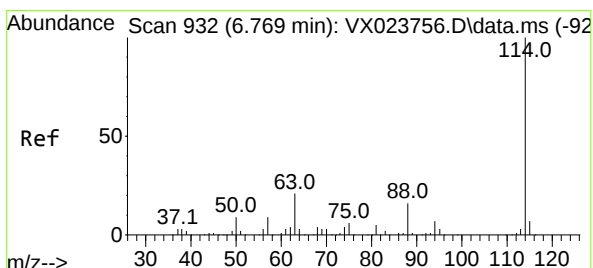
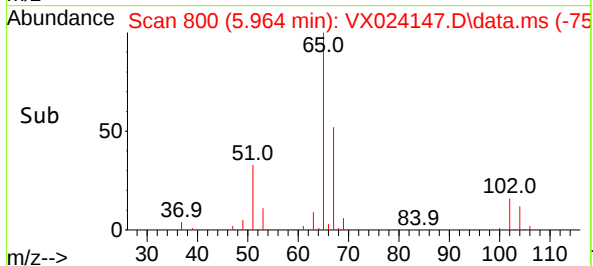
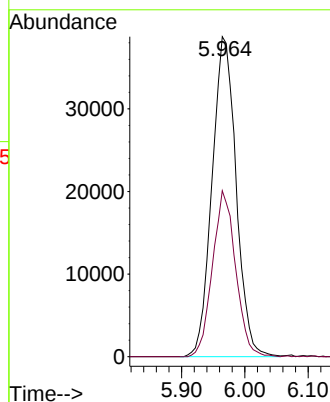
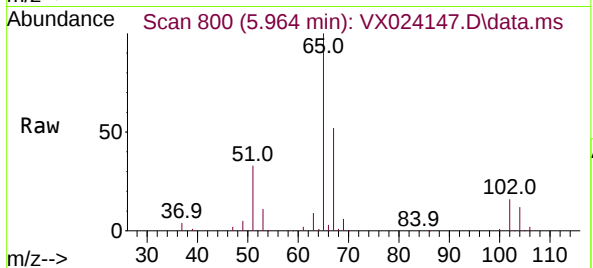
65 100

67 49.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024147.D

Acq: 09 Sep 2021 17:54

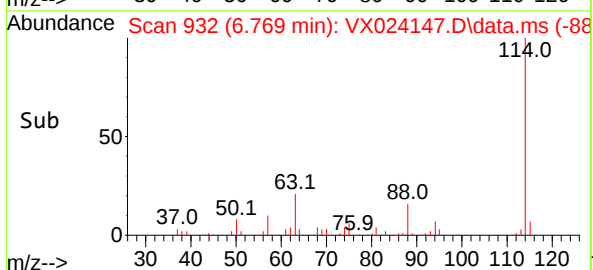
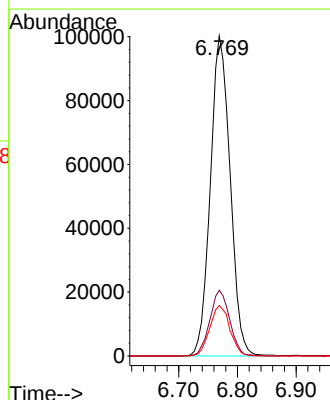
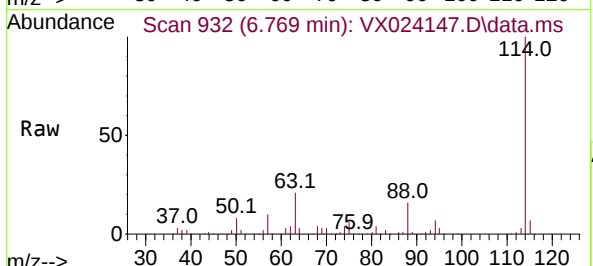
Tgt Ion: 114 Resp: 234755

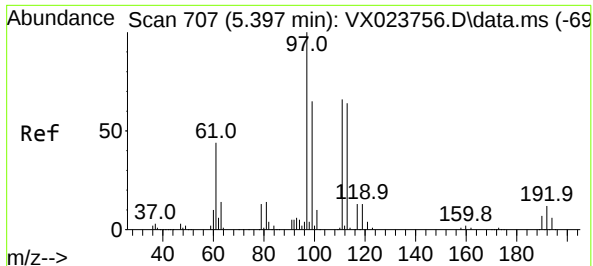
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.629 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024147.D

Acq: 09 Sep 2021 17:54

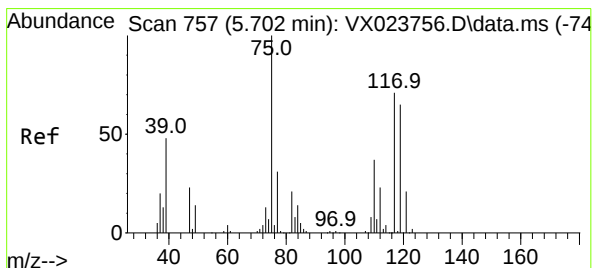
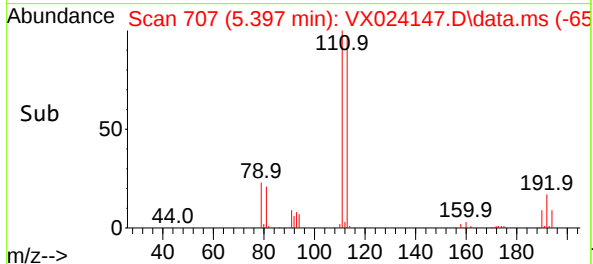
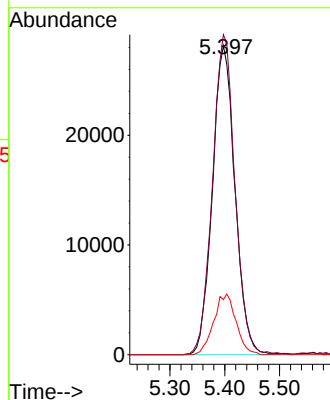
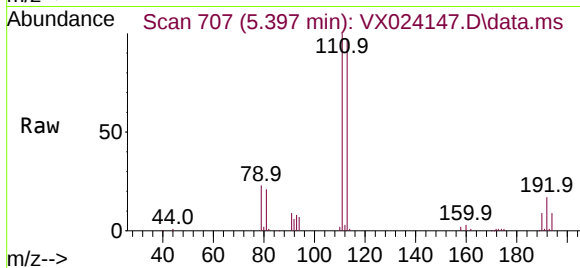
Tgt Ion:113 Resp: 80220

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024147.D

Acq: 09 Sep 2021 17:54

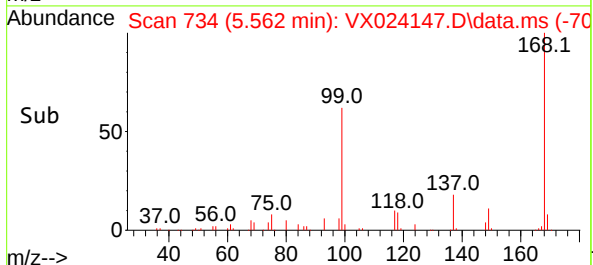
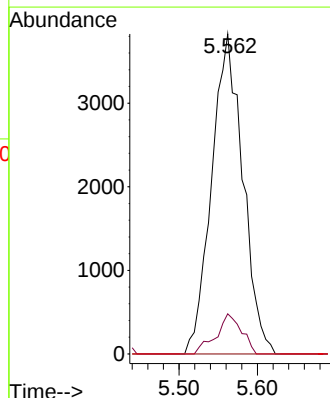
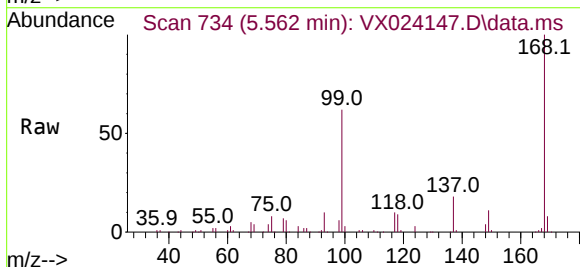
Tgt Ion: 75 Resp: 10573

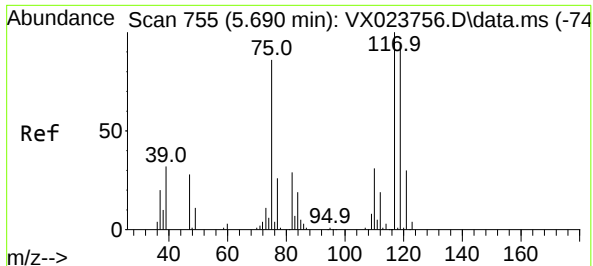
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

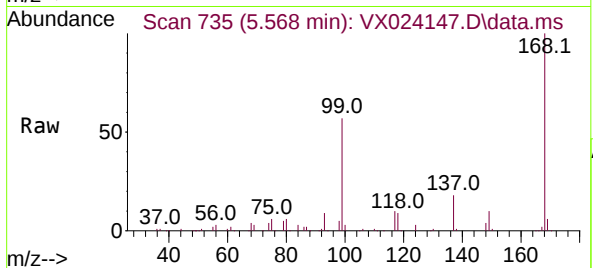
77 0.0 25.3 37.9#



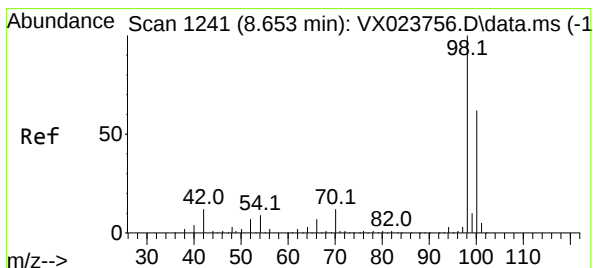
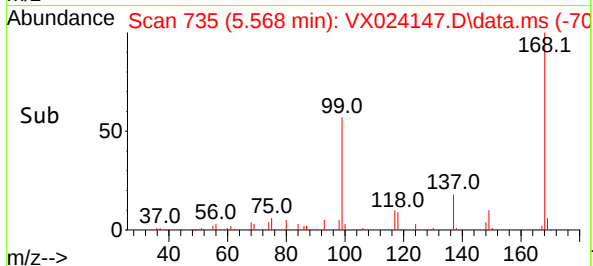
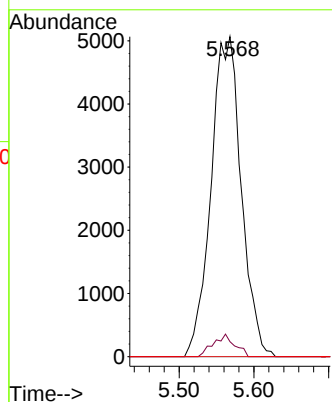


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Instrument :
MSVOA_X
ClientSampled :

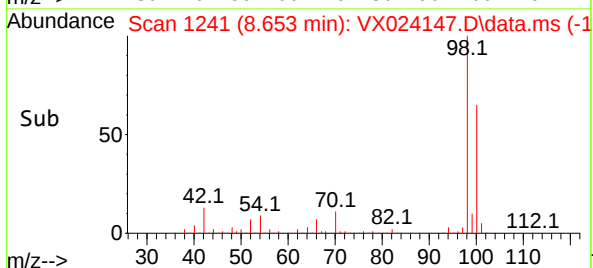
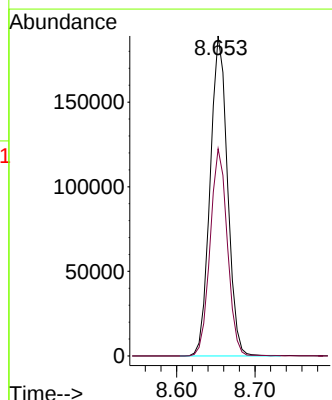
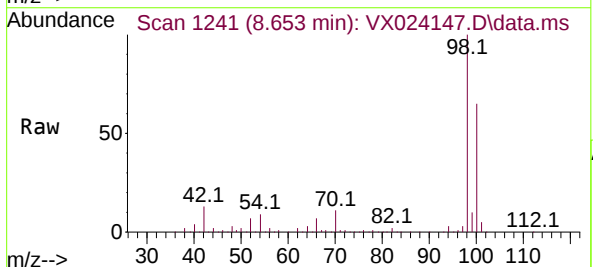


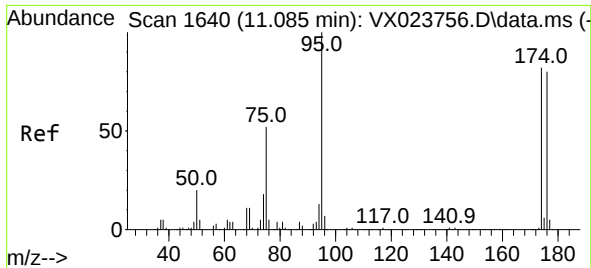
Tgt Ion:117 Resp: 14253
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.156 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Tgt Ion: 98 Resp: 290701
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

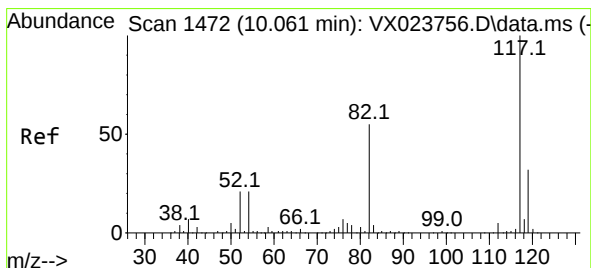
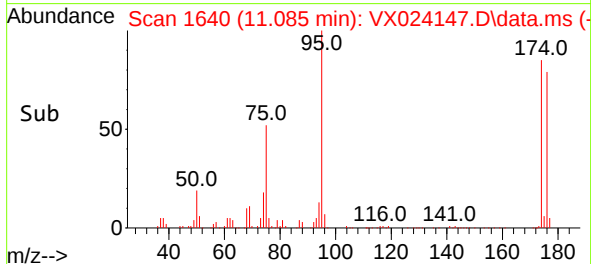
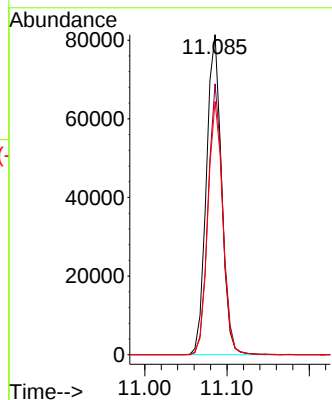
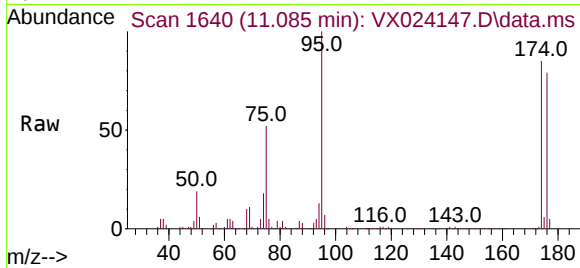




#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

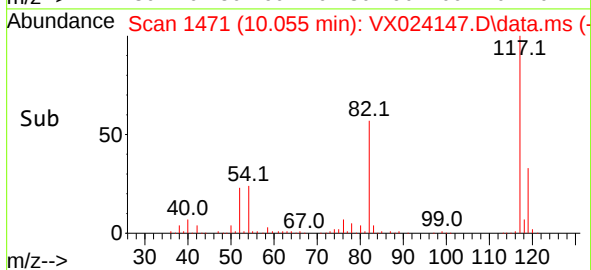
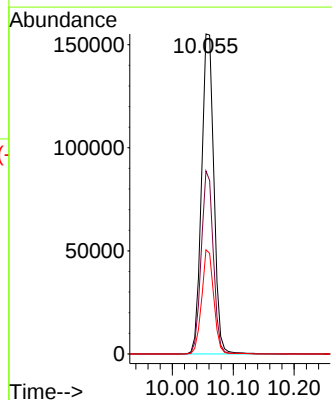
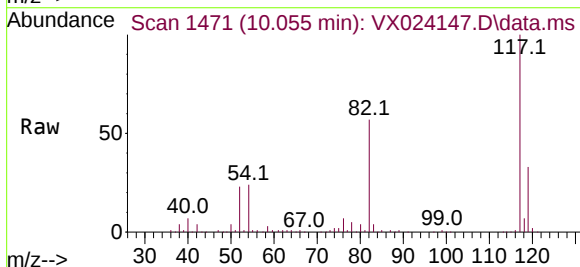
Instrument :
MSVOA_X
ClientSampleId :

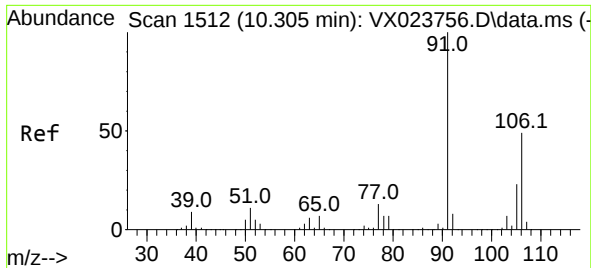
Tgt Ion: 95 Resp: 104054
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Tgt Ion: 117 Resp: 218824
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.5 26.6 39.8

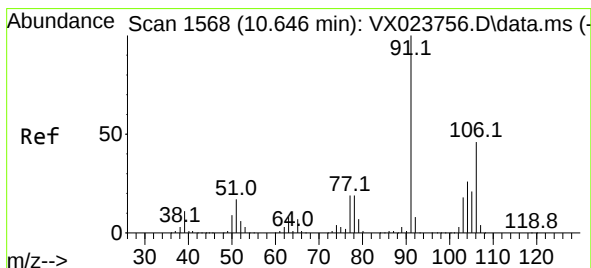
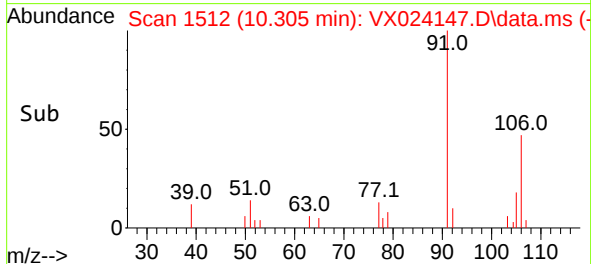
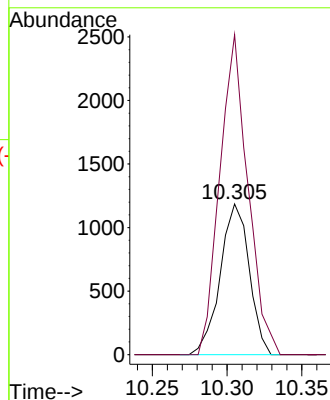
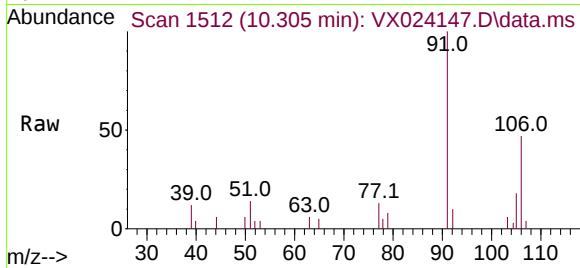




#68
m/p-Xylenes
Concen: 0.527 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

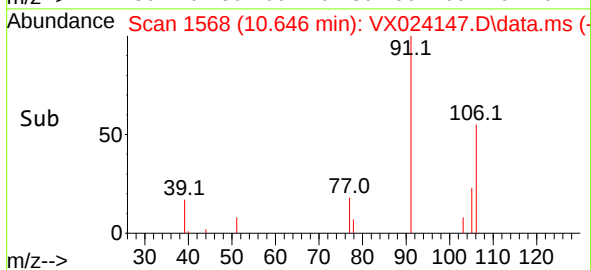
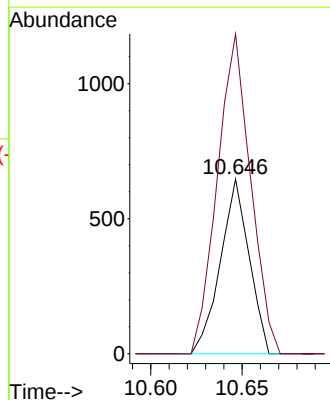
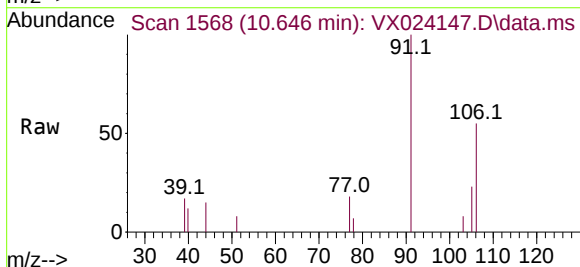
Instrument :
MSVOA_X
ClientSampled :

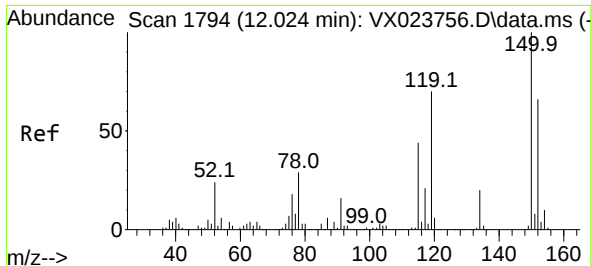
Tgt Ion:106 Resp: 1600
Ion Ratio Lower Upper
106 100
91 205.3 162.8 244.2



#69
o-Xylene
Concen: 0.238 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Tgt Ion:106 Resp: 709
Ion Ratio Lower Upper
106 100
91 211.1 108.1 324.2

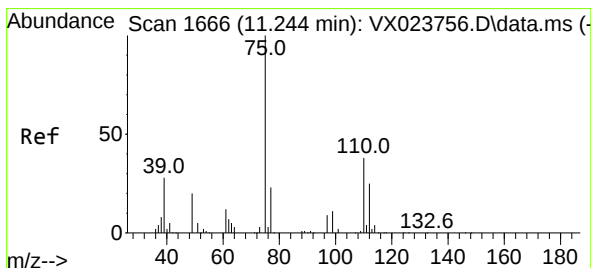
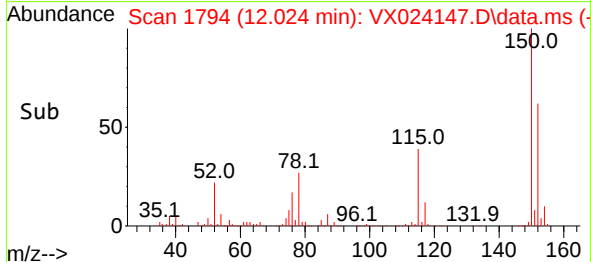
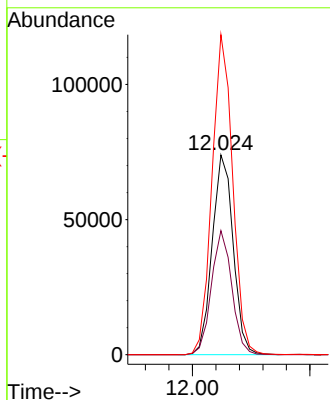
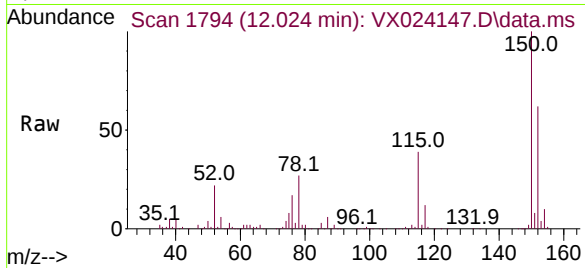




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024147.D
 Acq: 09 Sep 2021 17:54

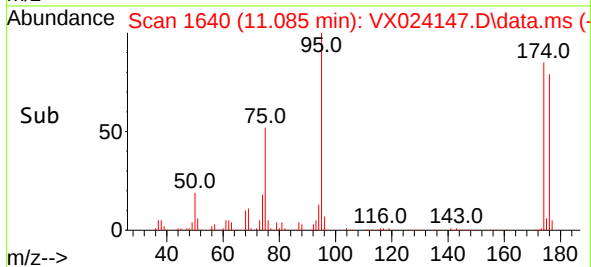
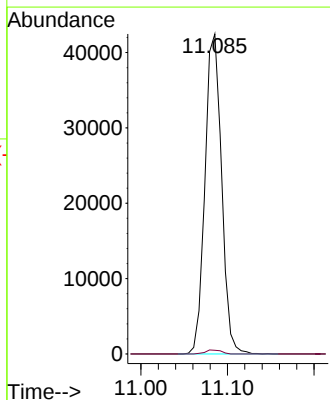
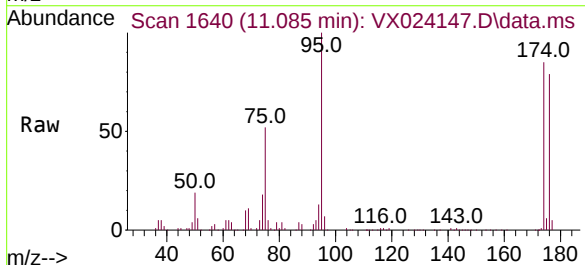
Instrument :
 MSVOA_X
 ClientSampleId :

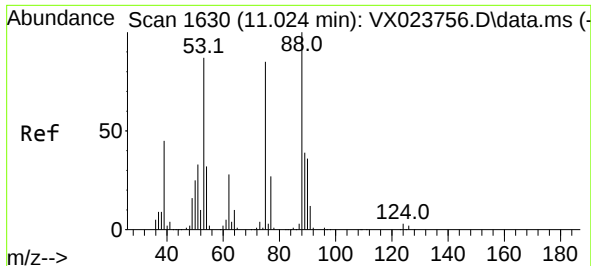
Tgt Ion:152 Resp: 91570
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.438 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024147.D
 Acq: 09 Sep 2021 17:54

Tgt Ion: 75 Resp: 56474
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

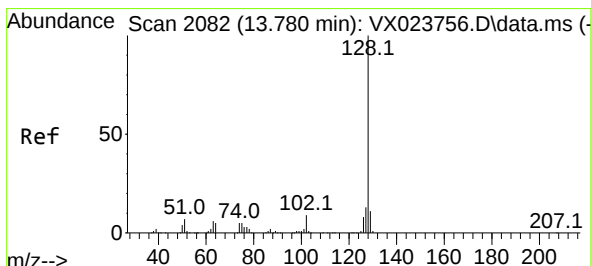
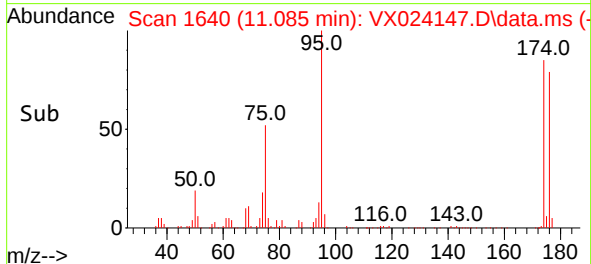
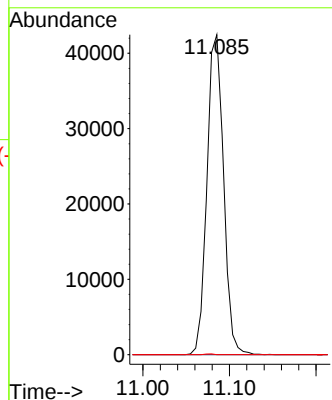
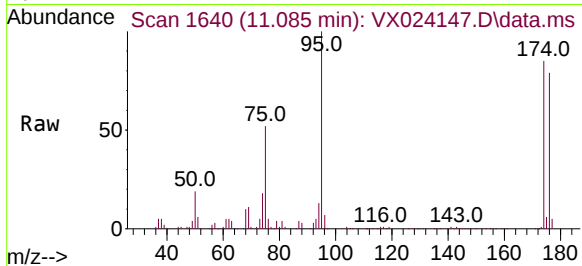




#81
trans-1,4-Dichloro-2-butene
Concen: 77.769 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56474
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.307 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024147.D
Acq: 09 Sep 2021 17:54

Tgt Ion: 128 Resp: 166
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

