

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024237.D
 Acq On : 15 Sep 2021 03:41
 Operator : JC/MD
 Sample : M3724-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33127

Quant Time: Sep 15 07:32:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

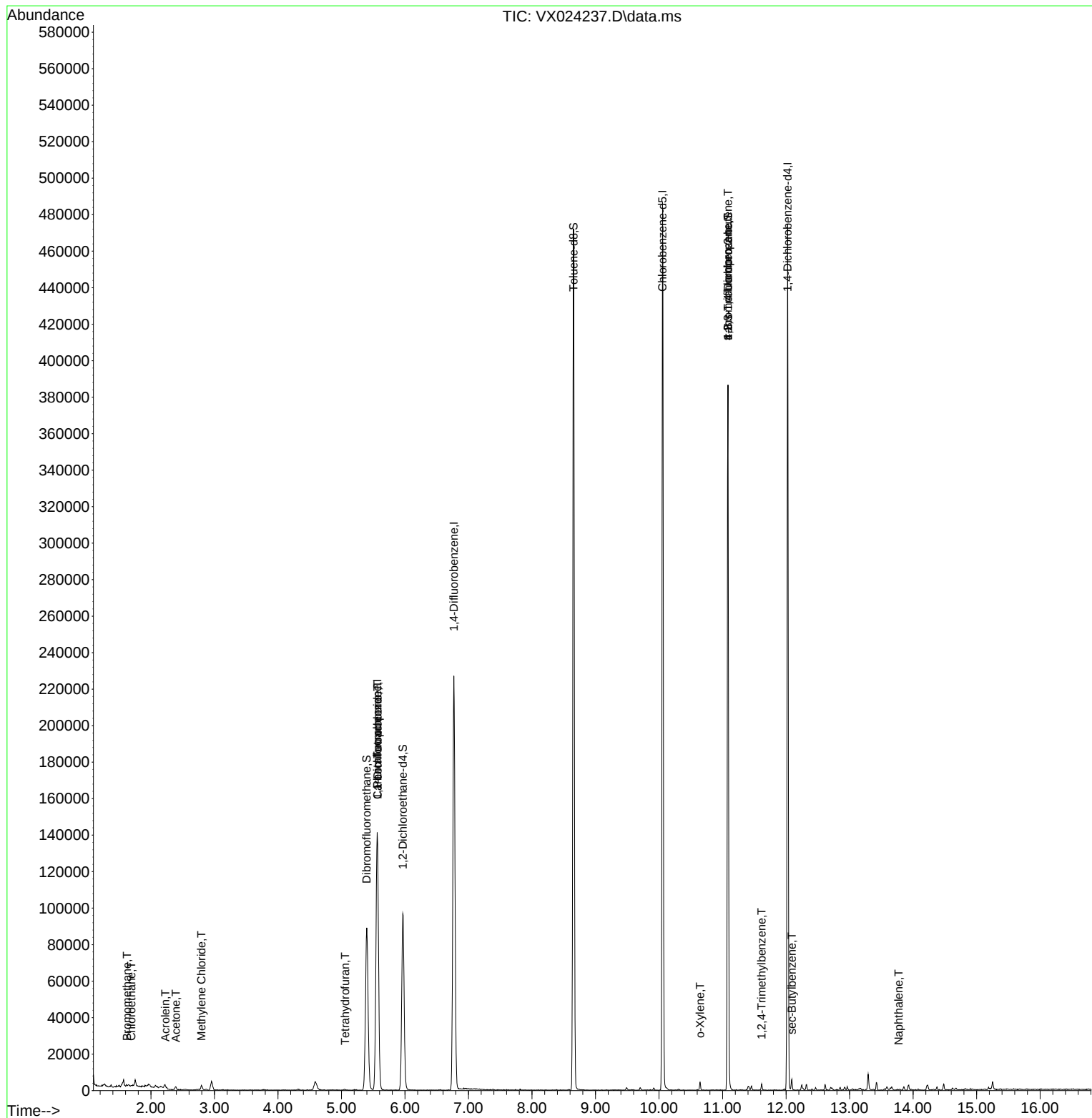
Internal Standards						
1) Pentafluorobenzene	5.562	168	129381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98414	53.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.680%	
35) Dibromofluoromethane	5.397	113	74849	50.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.653	98	274997	50.622	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.085	95	101258	47.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	487	0.633	ug/l #	60
6) Chloroethane	1.691	64	160	2.148	ug/l #	43
11) Tert butyl alcohol	2.953	59	2756	Below Cal	#	73
13) Acrolein	2.227	56	33	0.271	ug/l #	1
16) Acetone	2.392	43	1937	2.462	ug/l #	86
20) Methylene Chloride	2.794	84	1026	0.679	ug/l #	85
29) Tetrahydrofuran	5.056	42	162	0.223	ug/l #	27
36) 1,1-Dichloropropene	5.568	75	10889	5.326	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14030	6.097	ug/l #	17
69) o-Xylene	10.647	106	919	0.315	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	54809	25.733	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54809	75.682	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.616	105	1765	0.309	ug/l	72
85) sec-Butylbenzene	12.091	105	2712	0.386	ug/l #	57
95) Naphthalene	13.774	128	171	1.312	ug/l #	82

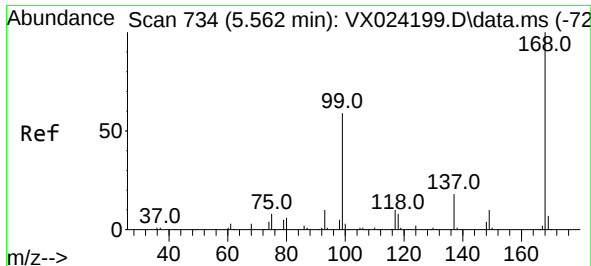
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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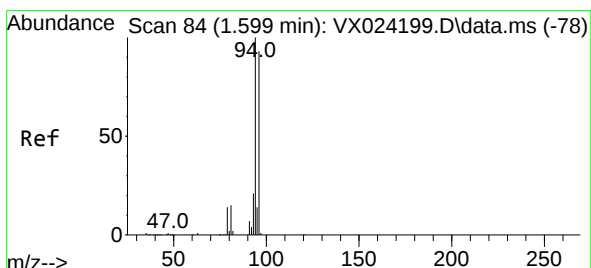
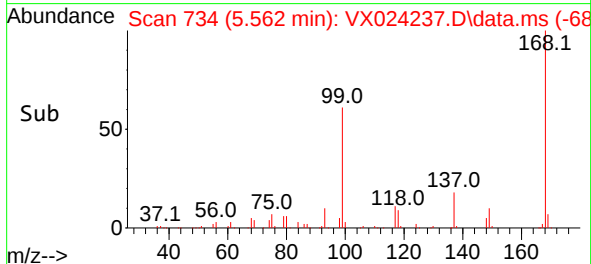
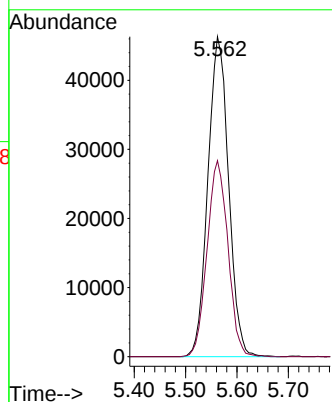
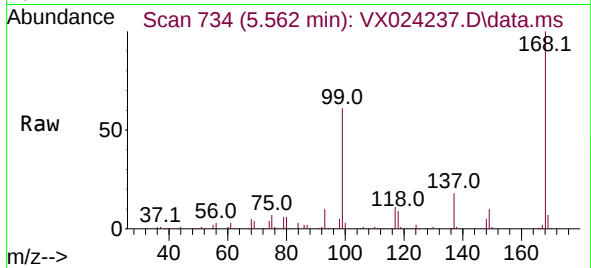




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

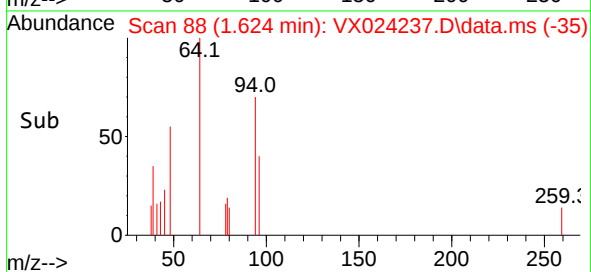
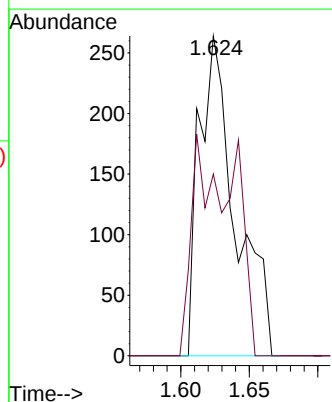
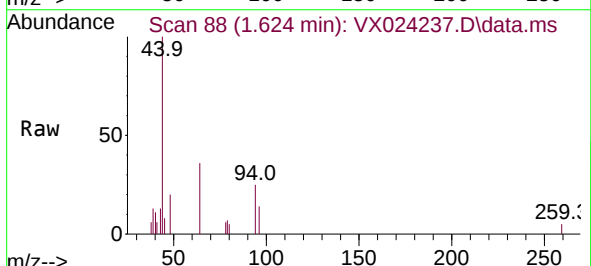
Instrument :
MSVOA_X
ClientSampleId :
33127

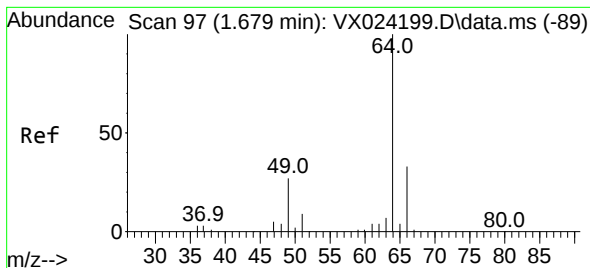
Tgt Ion:168 Resp: 129381
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#5
Bromomethane
Concen: 0.633 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
96 56.8 76.4 114.6#





#6

Chloroethane

Concen: 2.148 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX024237.D

Acq: 15 Sep 2021 03:41

Tgt Ion: 64 Resp: 160

Ion Ratio Lower Upper

64 100

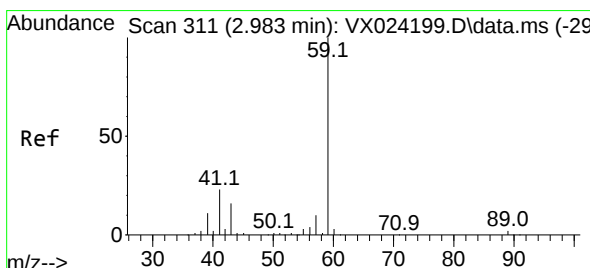
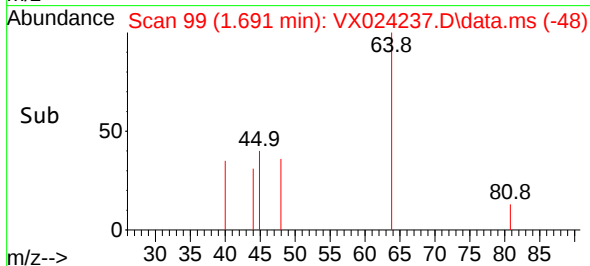
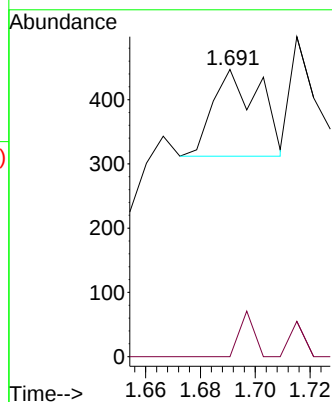
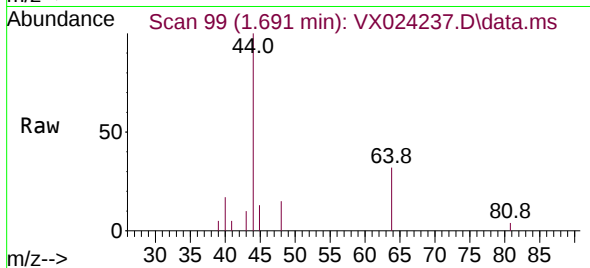
66 0.0 25.4 38.0#

Instrument :

MSVOA_X

ClientSampleId :

33127



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX024237.D

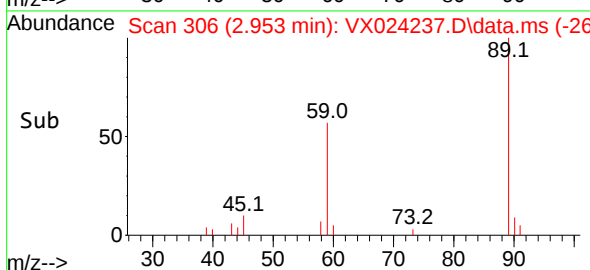
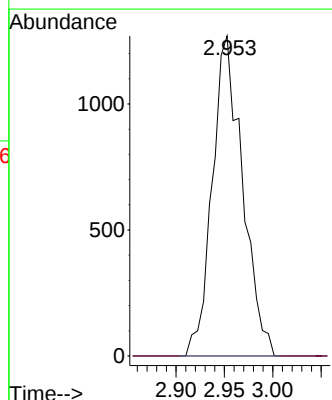
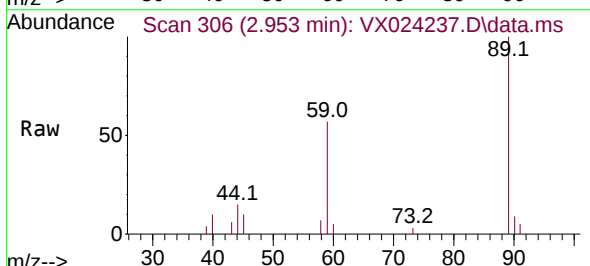
Acq: 15 Sep 2021 03:41

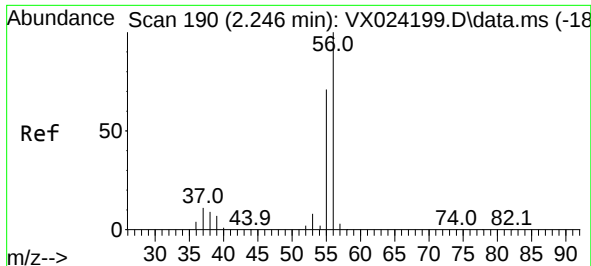
Tgt Ion: 59 Resp: 2756

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

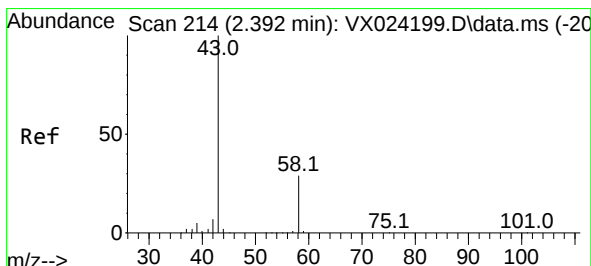
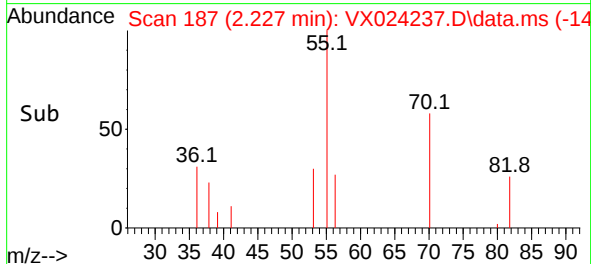
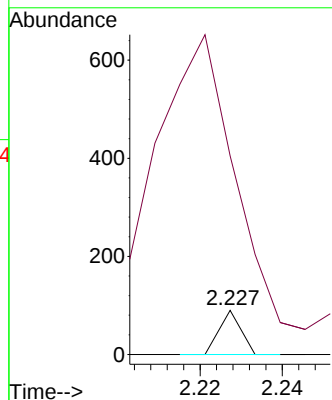
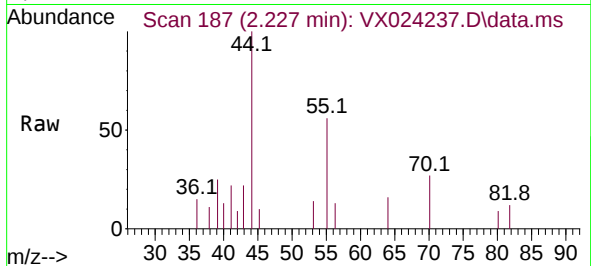




#13
Acrolein
Concen: 0.271 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.019 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

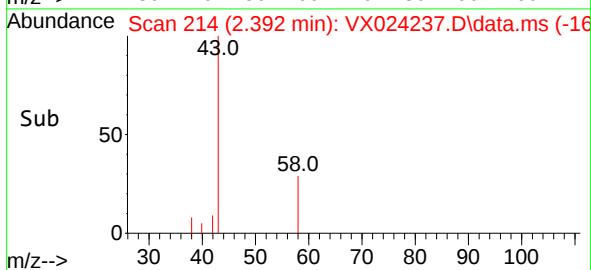
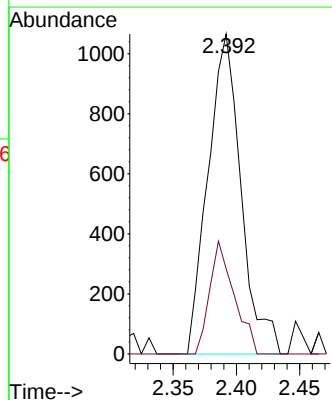
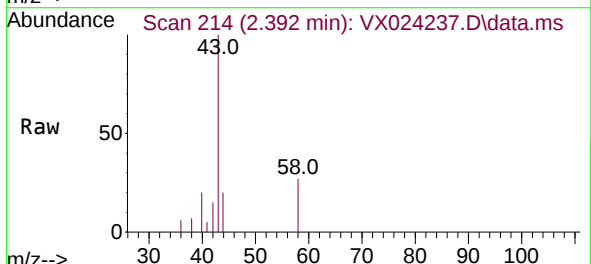
Instrument :
MSVOA_X
ClientSampled :
33127

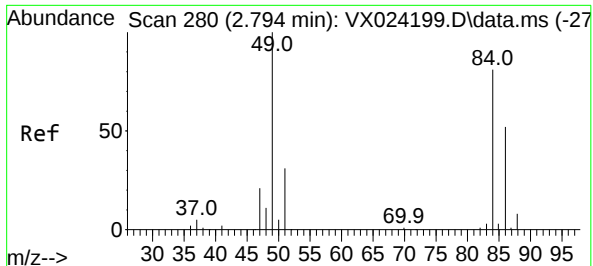
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 3027.3 56.4 84.6#



#16
Acetone
Concen: 2.462 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#





#20

Methylene Chloride

Concen: 0.679 ug/l

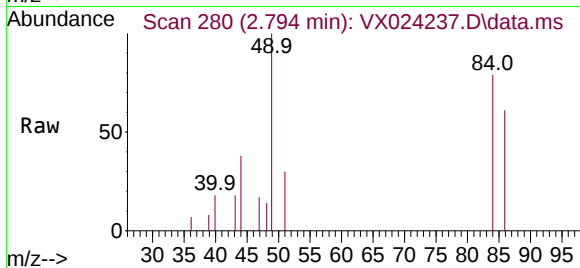
RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

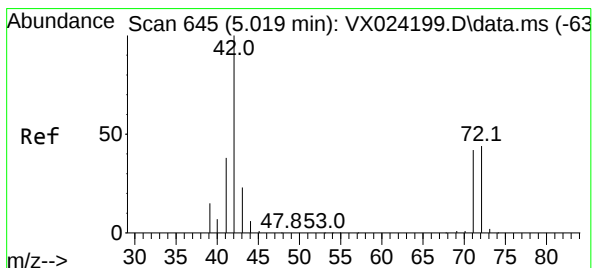
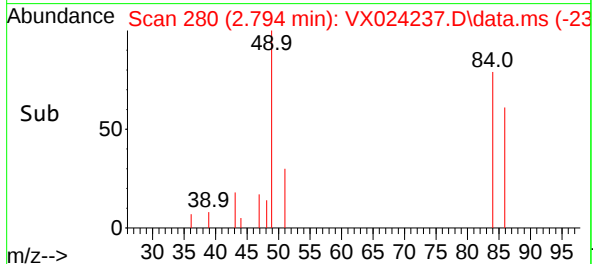
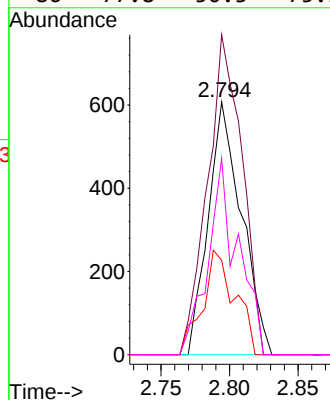
Lab File: VX024237.D

Acq: 15 Sep 2021 03:41

Instrument :
MSVOA_X
ClientSampled :
33127



Tgt Ion:	84	Resp:	1026
Ion	Ratio	Lower	Upper
84	100		
49	126.7	88.6	132.8
51	37.4	27.0	40.6
86	77.8	50.3	75.5#



#29

Tetrahydrofuran

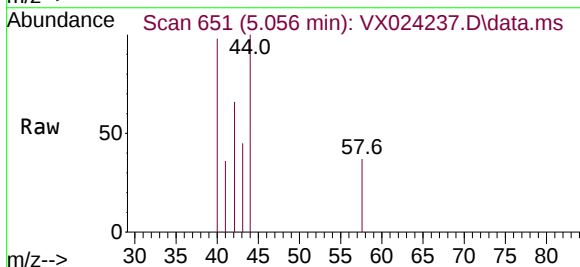
Concen: 0.223 ug/l

RT: 5.056 min Scan# 651

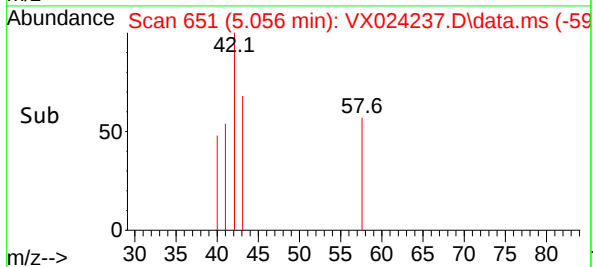
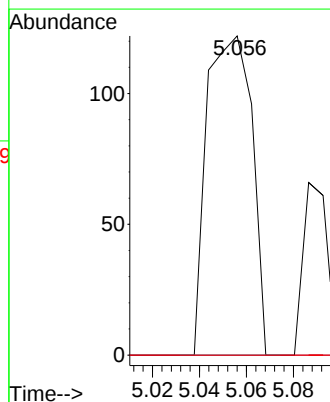
Delta R.T. 0.037 min

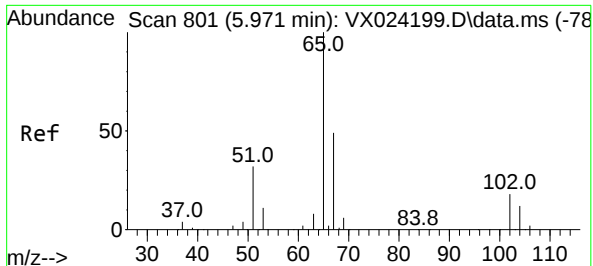
Lab File: VX024237.D

Acq: 15 Sep 2021 03:41



Tgt Ion:	42	Resp:	162
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

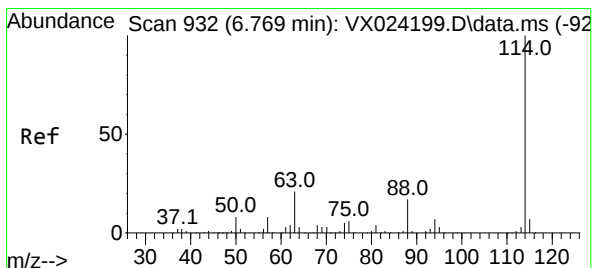
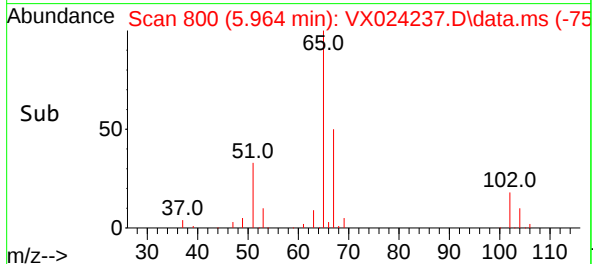
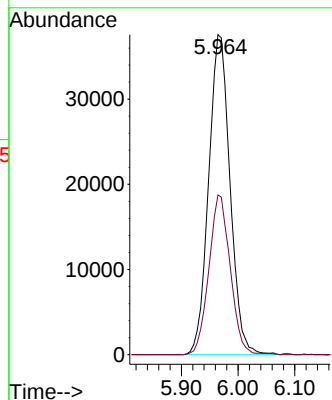
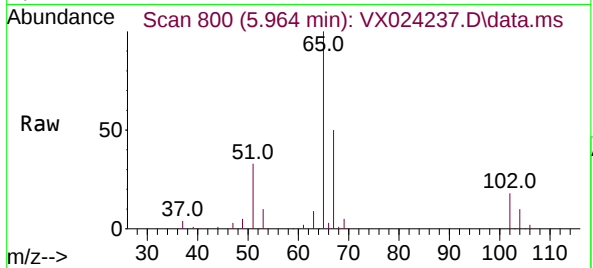




#33
 1,2-Dichloroethane-d4
 Concen: 53.343 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024237.D
 Acq: 15 Sep 2021 03:41

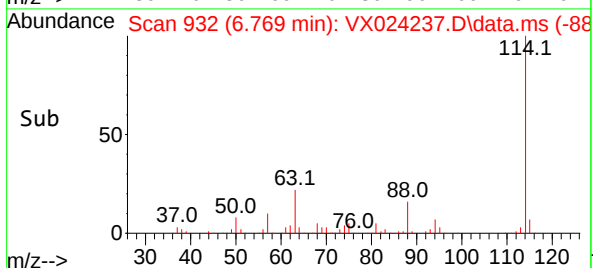
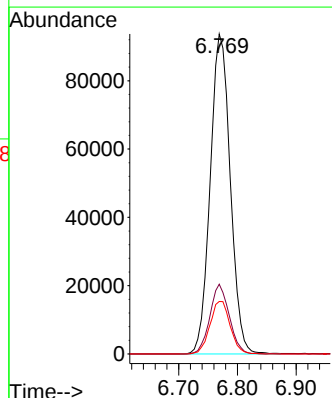
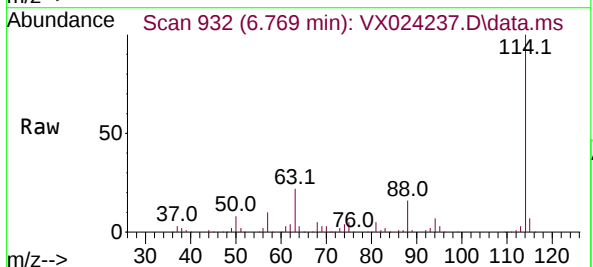
Instrument :
 MSVOA_X
 ClientSampleId :
 33127

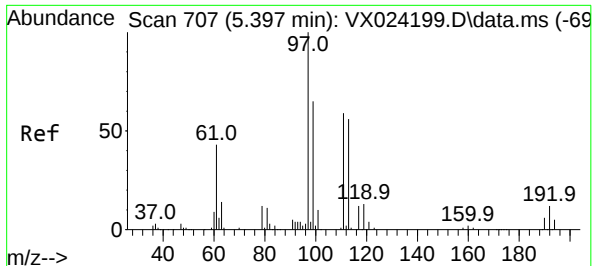
Tgt Ion: 65 Resp: 98414
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024237.D
 Acq: 15 Sep 2021 03:41

Tgt Ion: 114 Resp: 222354
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.194 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024237.D

Acq: 15 Sep 2021 03:41

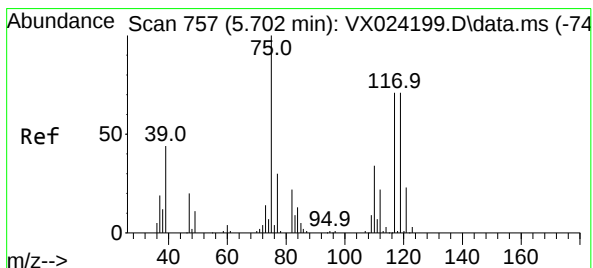
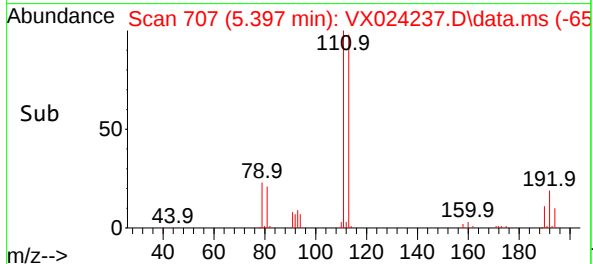
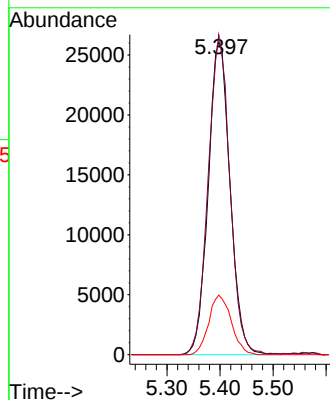
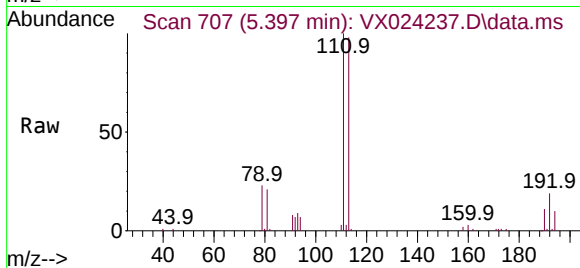
Tgt Ion:113 Resp: 74849

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.326 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX024237.D

Acq: 15 Sep 2021 03:41

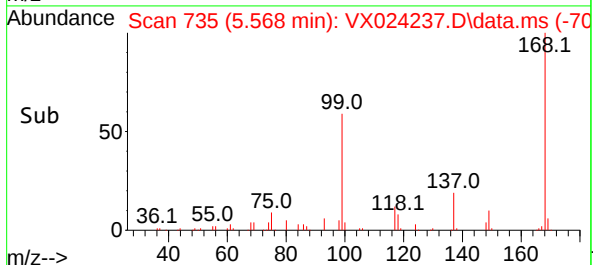
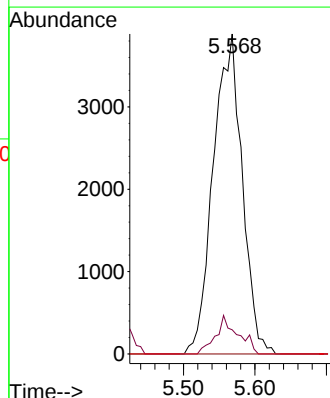
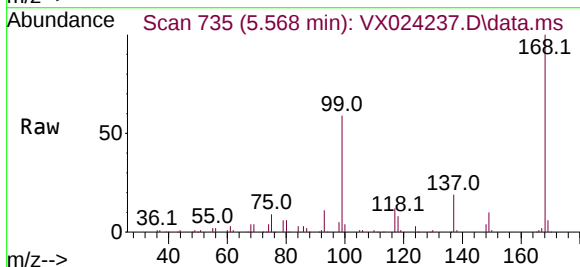
Tgt Ion: 75 Resp: 10889

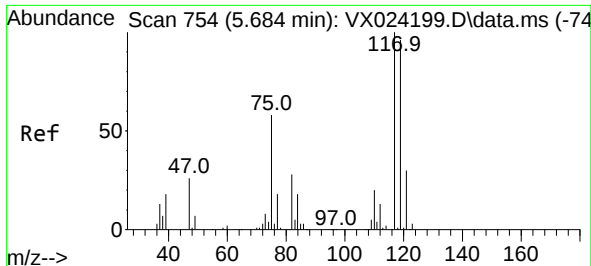
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

77 0.0 25.3 37.9#

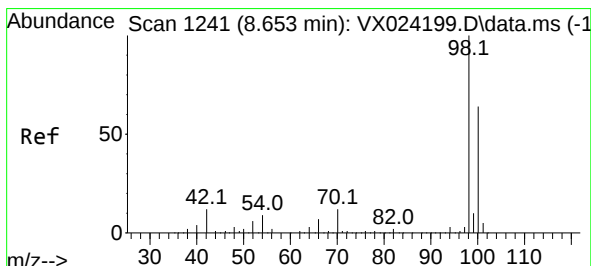
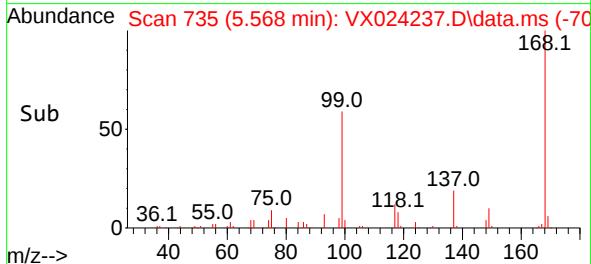
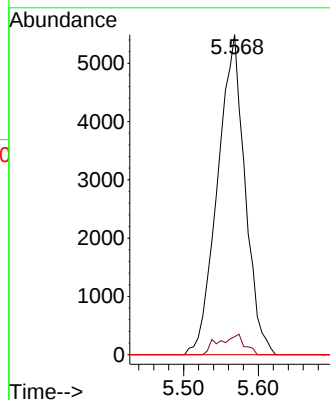
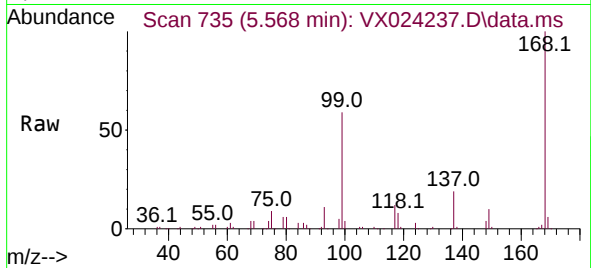




#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

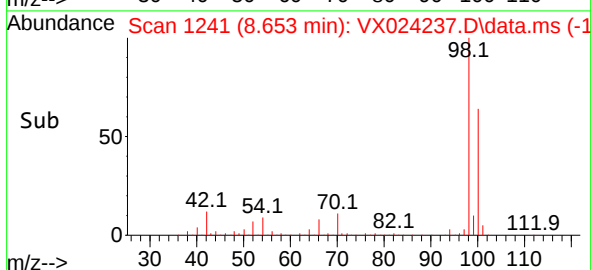
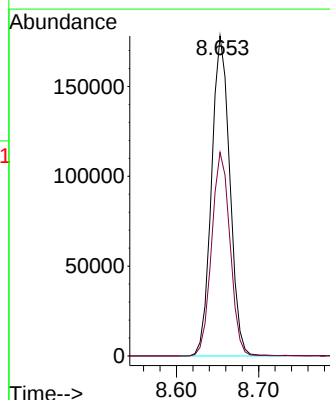
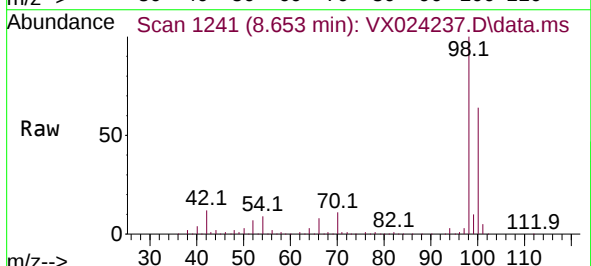
Instrument :
MSVOA_X
ClientSampleId :
33127

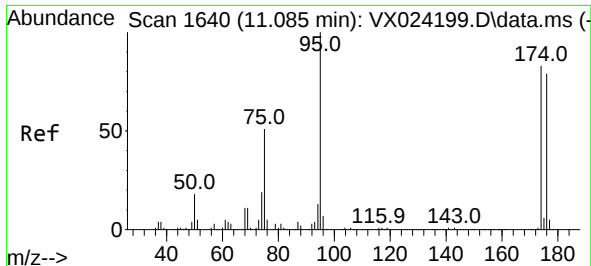
Tgt Ion:117 Resp: 14030
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.622 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion: 98 Resp: 274997
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

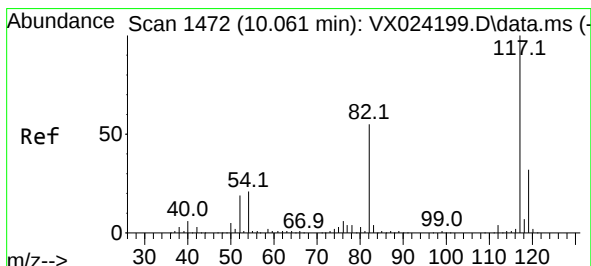
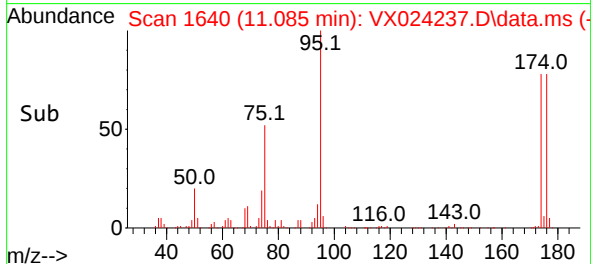
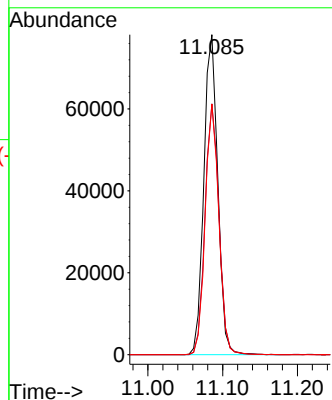
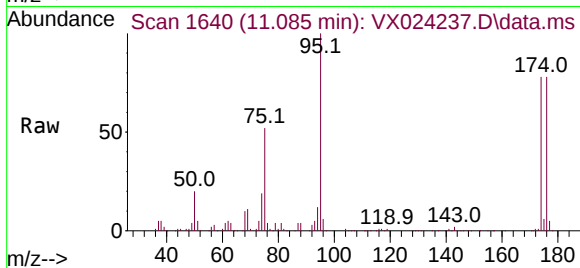




#62
4-Bromofluorobenzene
Concen: 47.897 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

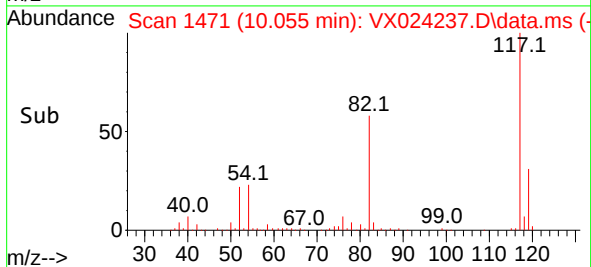
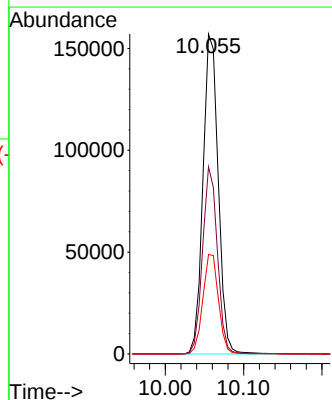
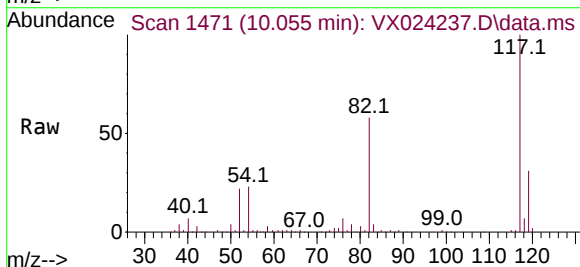
Instrument :
MSVOA_X
ClientSampleId :
33127

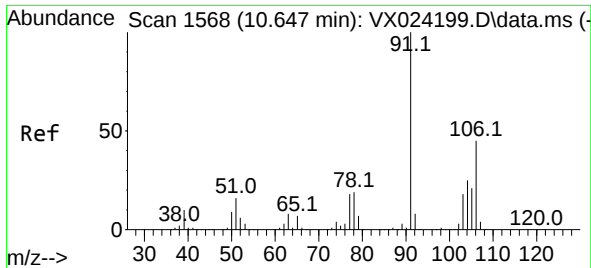
Tgt Ion: 95 Resp: 101258
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 76.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion: 117 Resp: 212334
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.0 26.6 39.8

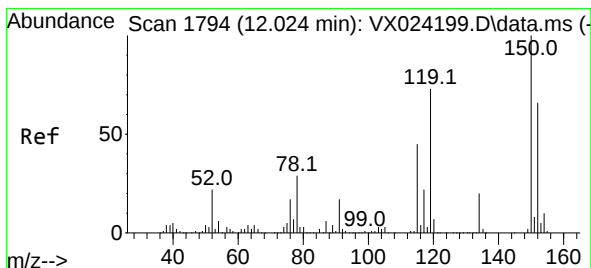
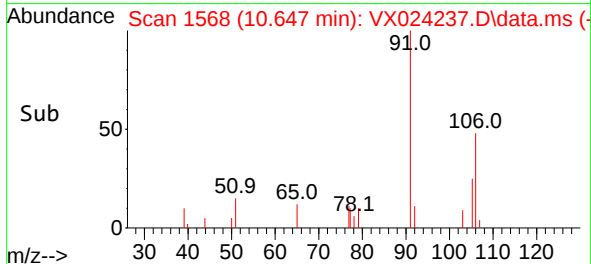
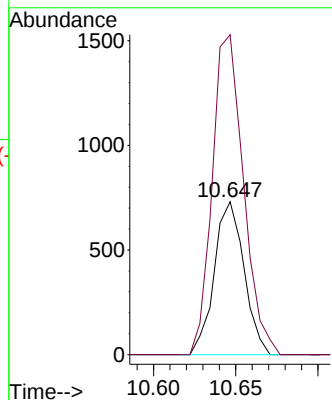
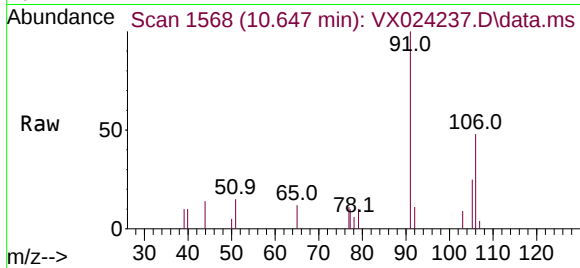




#69
o-Xylene
Concen: 0.315 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

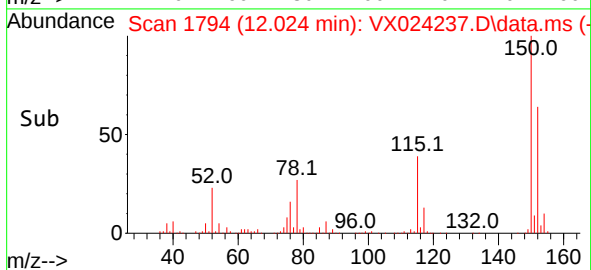
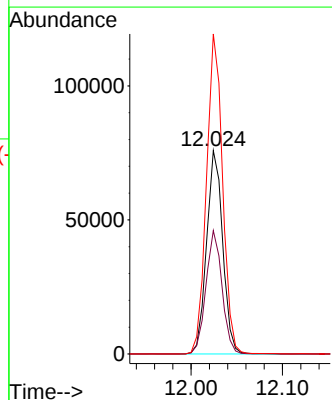
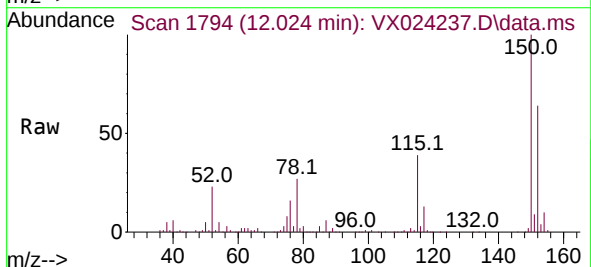
Instrument :
MSVOA_X
ClientSampleId :
33127

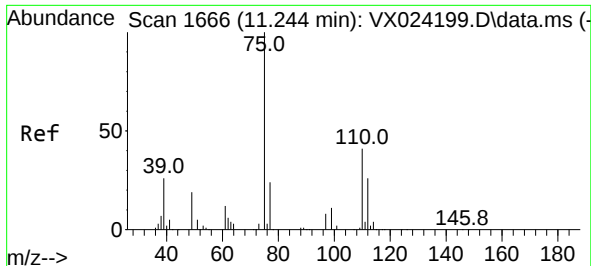
Tgt Ion:106 Resp: 919
Ion Ratio Lower Upper
106 100
91 219.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion:152 Resp: 92627
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 157.0 0.0 349.0

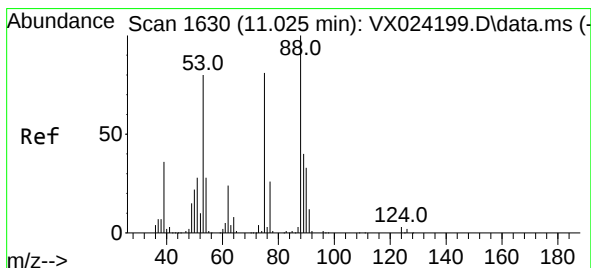
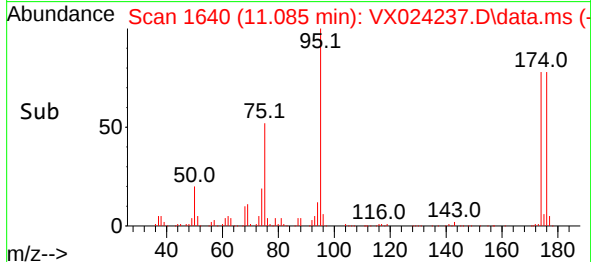
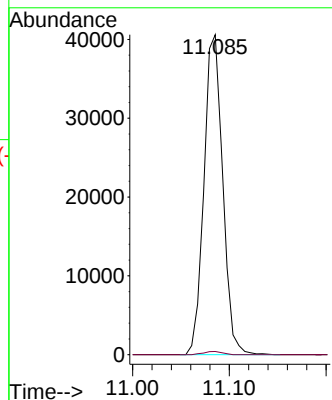
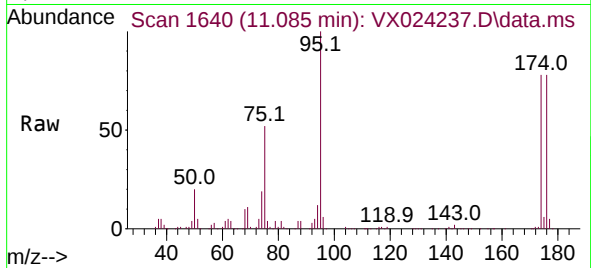




#76
1,2,3-Trichloropropane
Concen: 25.733 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

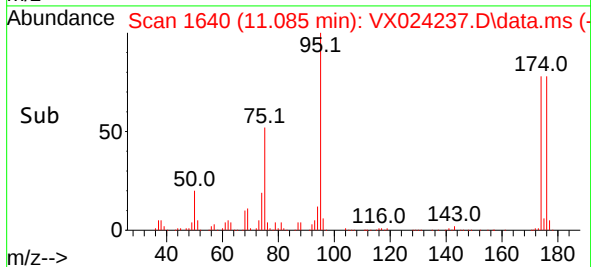
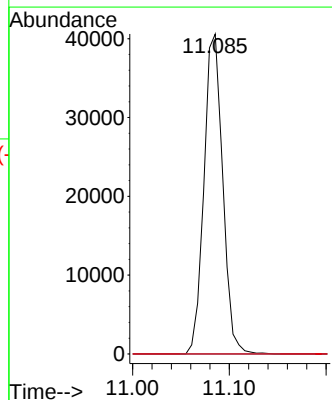
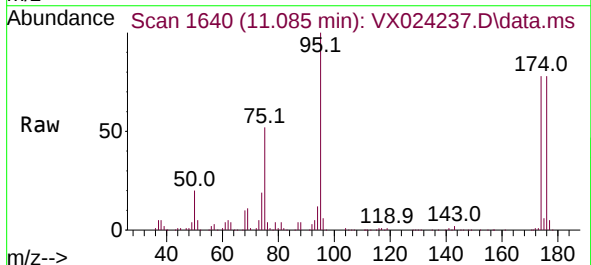
Instrument :
MSVOA_X
ClientSampled :
33127

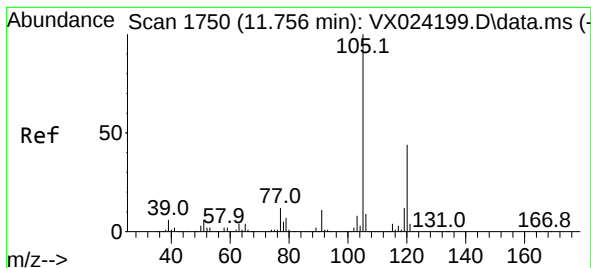
Tgt Ion: 75 Resp: 54809
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.682 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Tgt Ion: 75 Resp: 54809
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.309 ug/l

RT: 11.616 min Scan# 1727

Delta R.T. -0.140 min

Lab File: VX024237.D

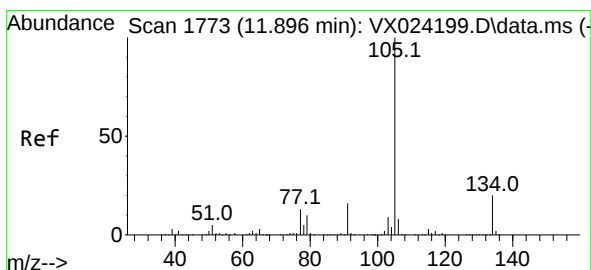
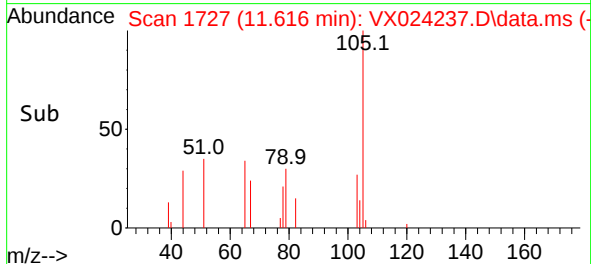
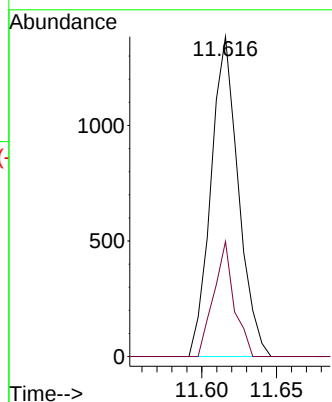
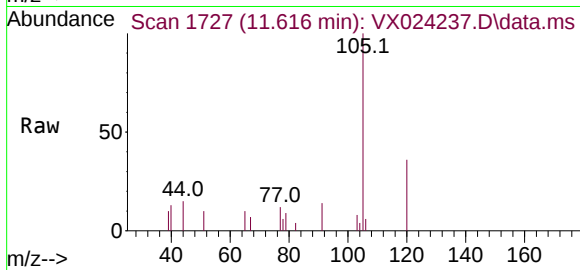
Acq: 15 Sep 2021 03:41

Tgt Ion:105 Resp: 1765

Ion Ratio Lower Upper

105 100

120 26.6 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.386 ug/l

RT: 12.091 min Scan# 1805

Delta R.T. 0.195 min

Lab File: VX024237.D

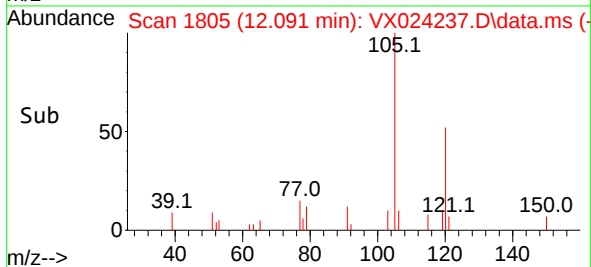
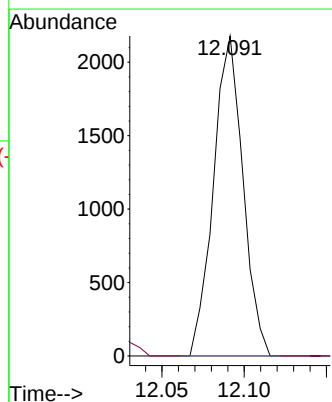
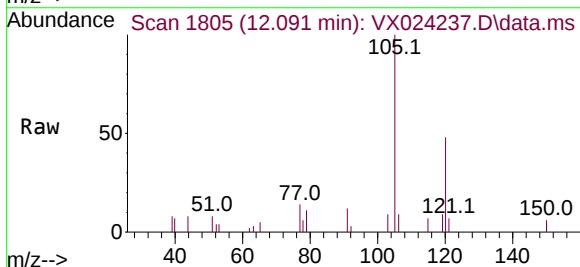
Acq: 15 Sep 2021 03:41

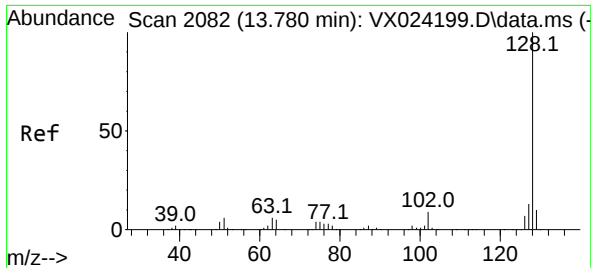
Tgt Ion:105 Resp: 2712

Ion Ratio Lower Upper

105 100

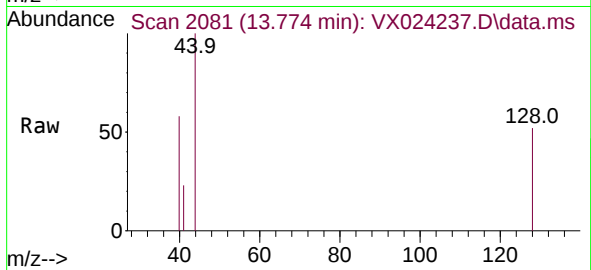
134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 1.312 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024237.D
Acq: 15 Sep 2021 03:41

Instrument :
MSVOA_X
ClientSampleId :
33127



Tgt Ion:128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 11.1 8.8 13.2

