

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030157.D
 Acq On : 21 Jul 2022 12:58
 Operator : JC/MD
 Sample : VX0721WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL02

Quant Time: Jul 21 15:52:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

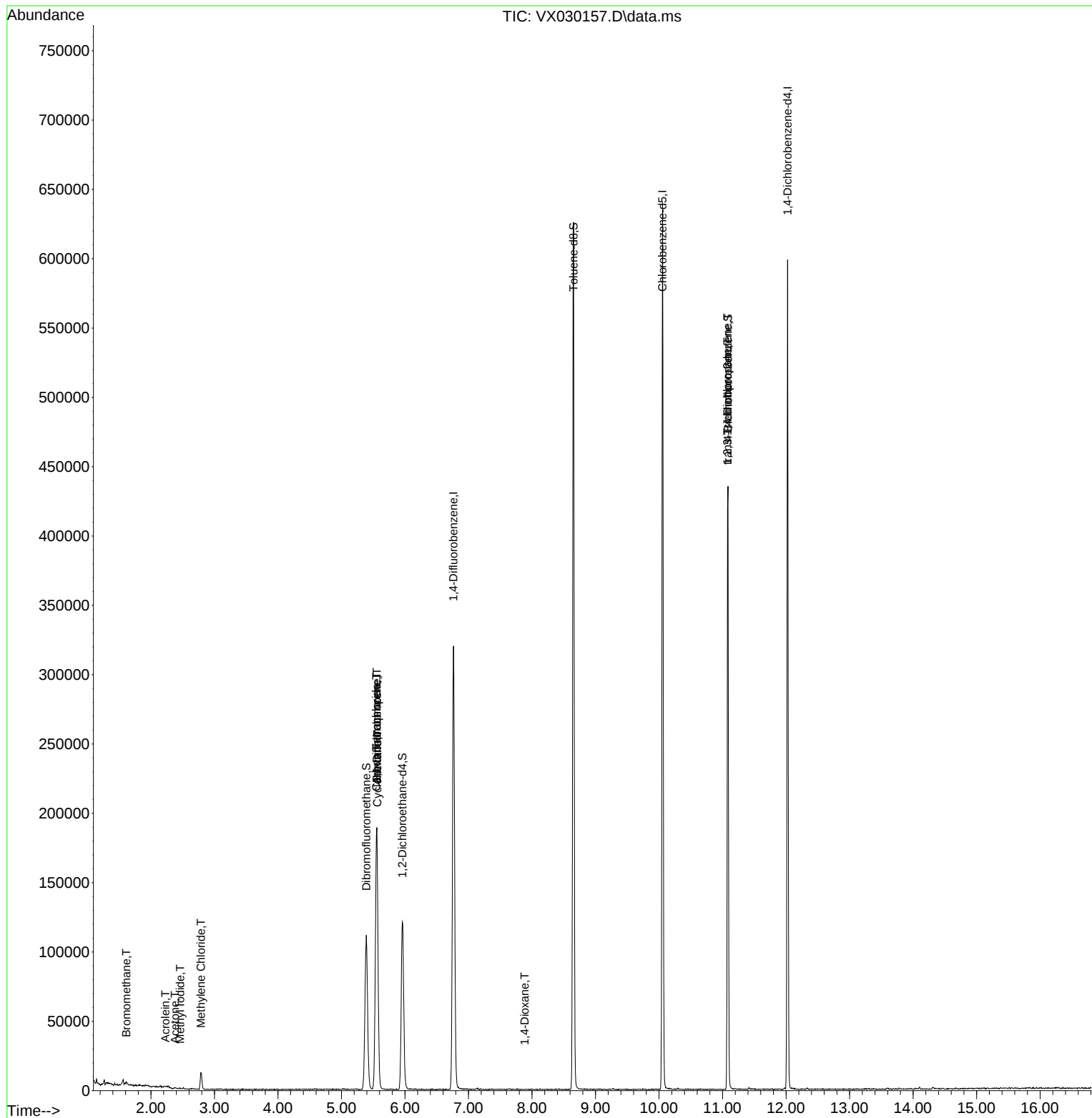
Internal Standards						
1) Pentafluorobenzene	5.556	168	178071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115100	53.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	5.391	113	99183	47.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.780%	
50) Toluene-d8	8.653	98	374367	48.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	11.085	95	121323	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	430	0.491	ug/l	97
10) Methyl Iodide	2.459	142	309	2.573	ug/l #	70
13) Acrolein	2.227	56	52	0.467	ug/l #	14
16) Acetone	2.380	43	949	0.929	ug/l #	61
17) Carbon Disulfide	2.508	76	1050	Below Cal		96
20) Methylene Chloride	2.788	84	5774	0.944	ug/l #	88
31) Cyclohexane	5.562	56	4056	1.291	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15118	5.651	ug/l #	47
38) Carbon Tetrachloride	5.550	117	18000	7.215	ug/l #	18
49) 1,4-Dioxane	7.885	88	22	0.355	ug/l #	10
76) 1,2,3-Trichloropropane	11.079	75	59535	22.502	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59535	64.941	ug/l #	12

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

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MSVOA_X
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Quant Time: Jul 21 15:52:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

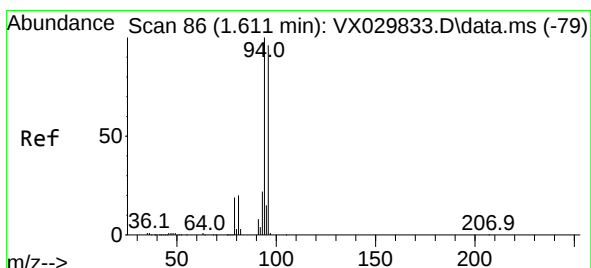
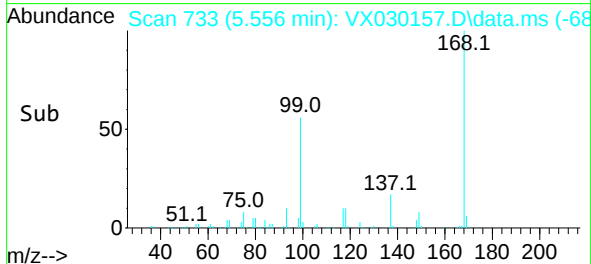
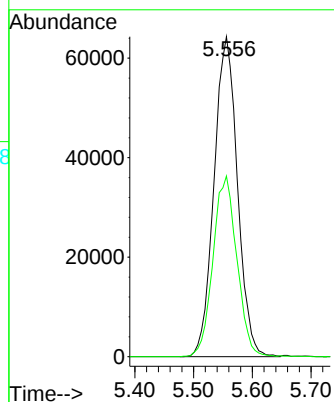
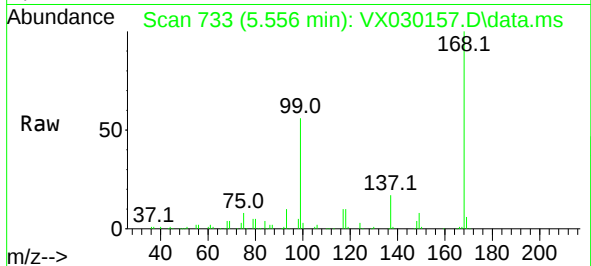




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

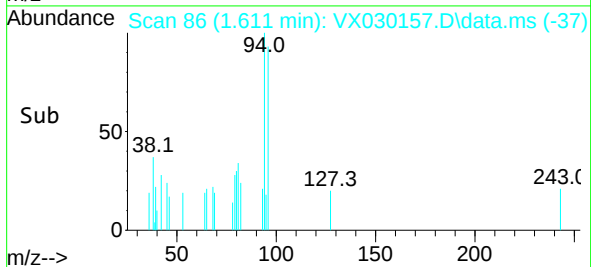
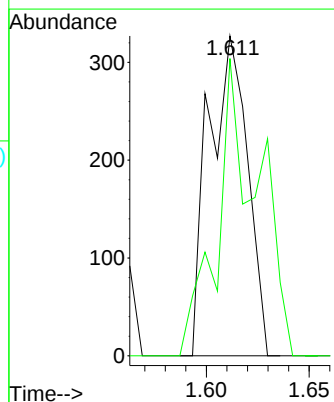
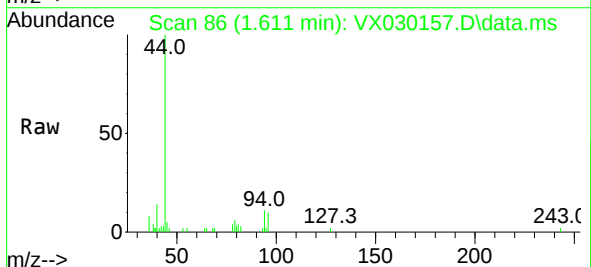
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

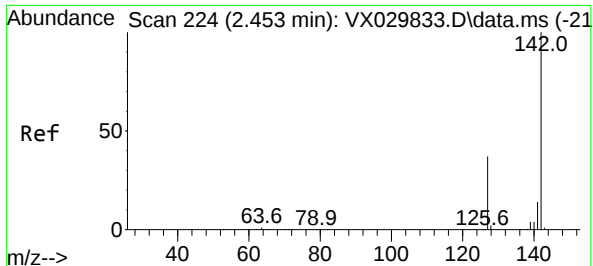
Tgt Ion:168 Resp: 178071
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#5
Bromomethane
Concen: 0.491 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 93.0 76.9 115.3

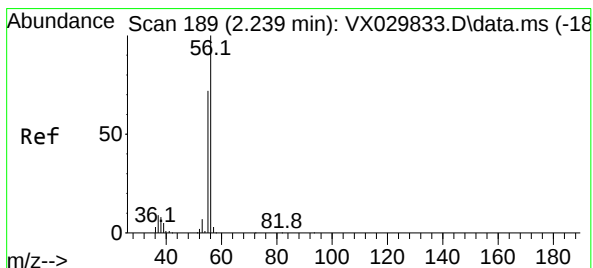
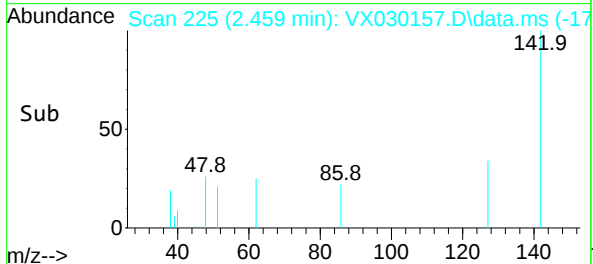
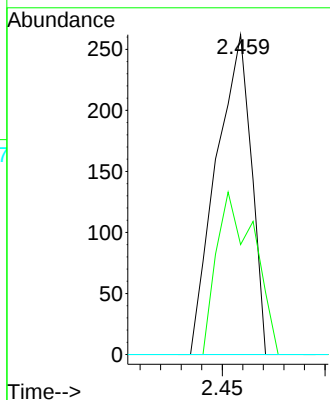
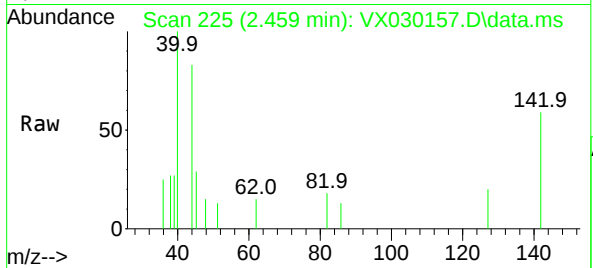




#10
Methyl Iodide
Concen: 2.573 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

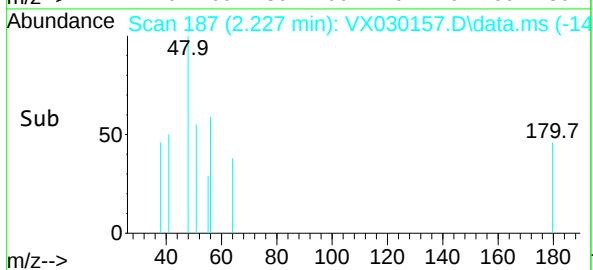
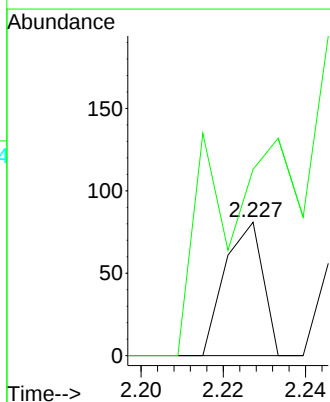
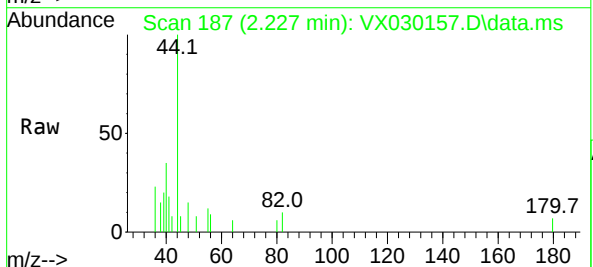
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

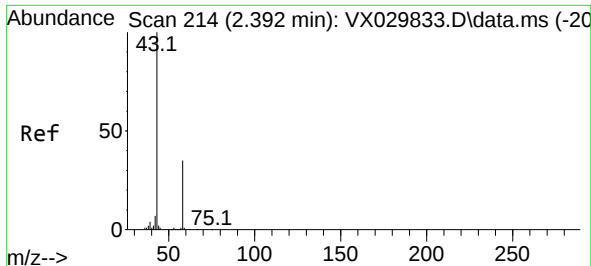
Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 55.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 0.467 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

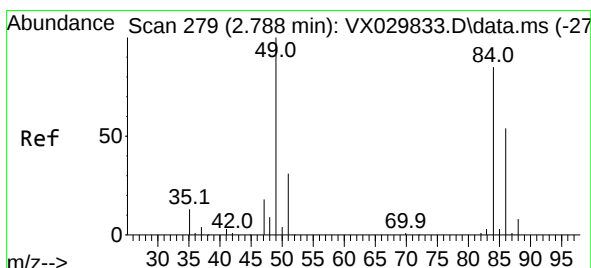
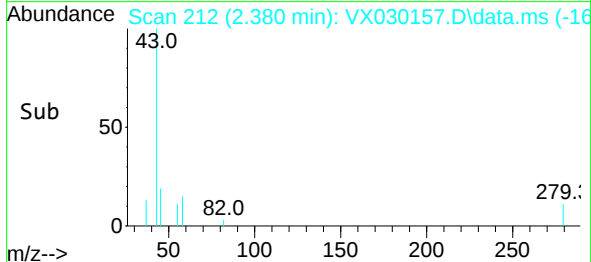
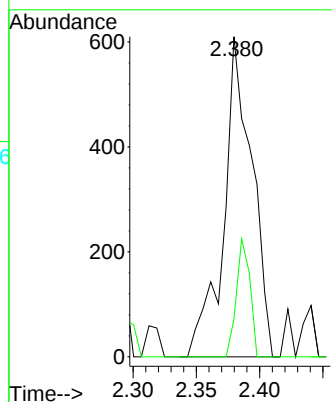
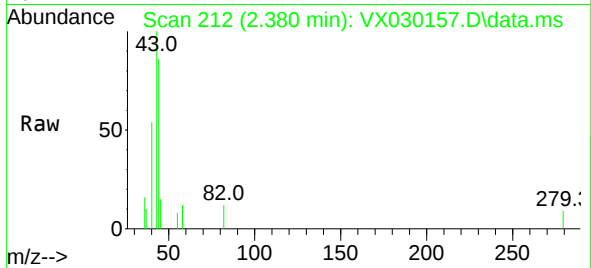




#16
Acetone
Concen: 0.929 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

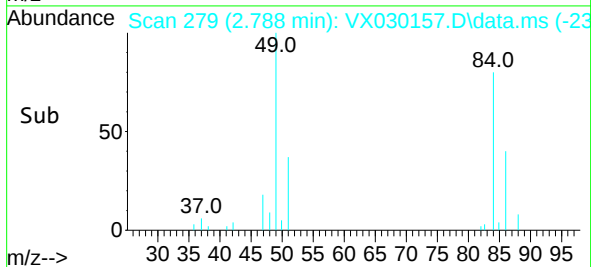
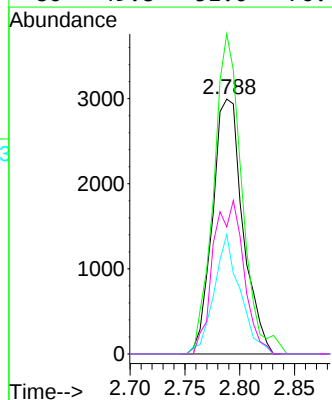
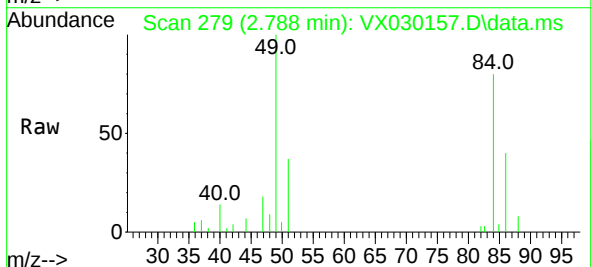
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

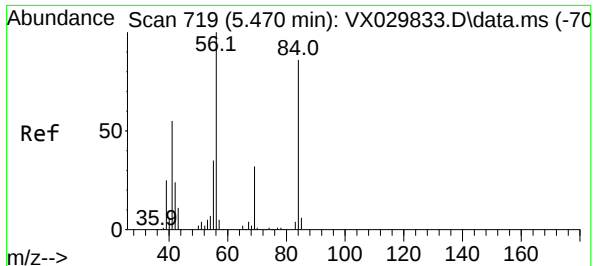
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 11.8 27.7 41.5#



#20
Methylene Chloride
Concen: 0.944 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

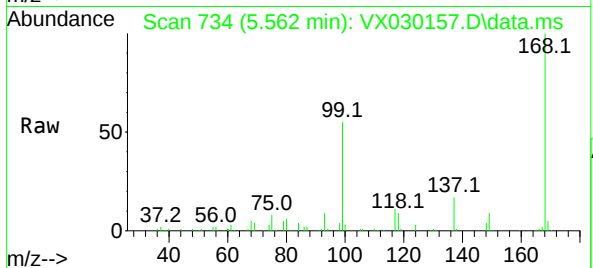
Tgt Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
49 125.5 93.8 140.6
51 46.8 29.4 44.0#
86 49.8 51.0 76.4#



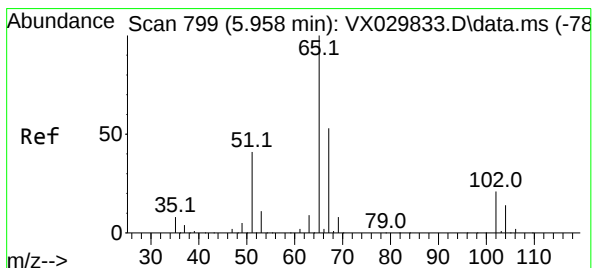
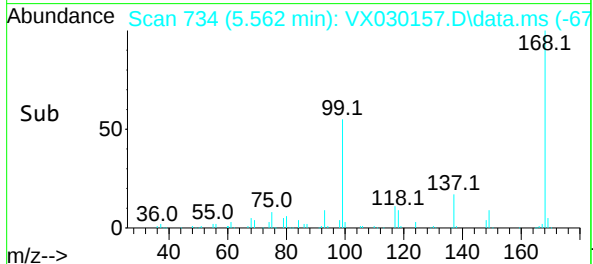
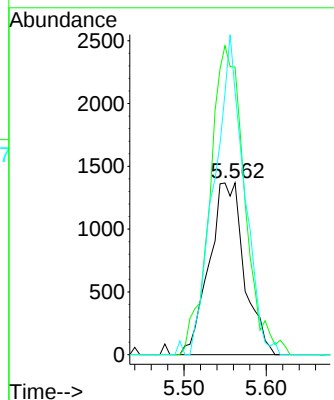


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

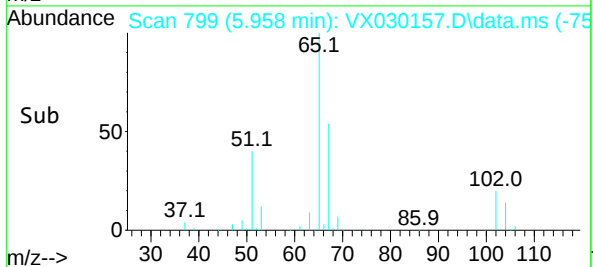
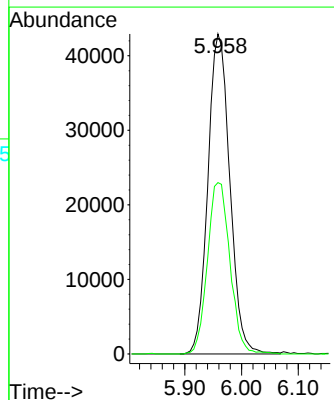
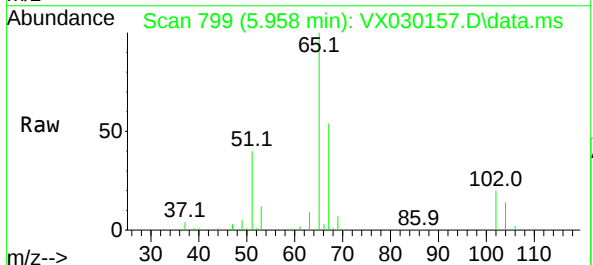


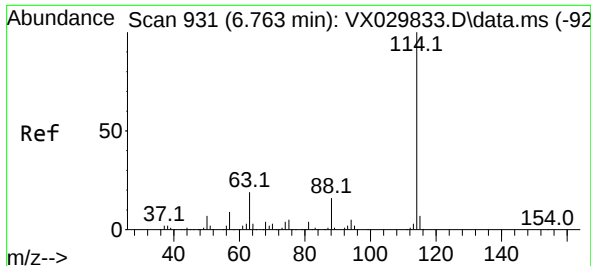
Tgt Ion: 56 Resp: 4056
Ion Ratio Lower Upper
56 100
69 167.2 25.4 38.0#
84 153.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.104 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 65 Resp: 115100
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

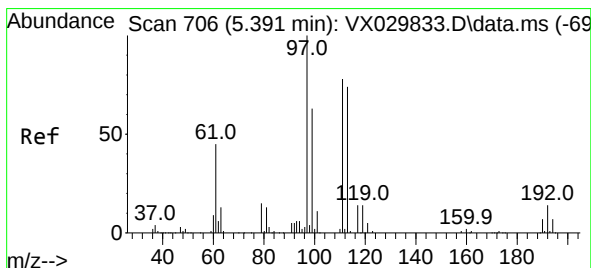
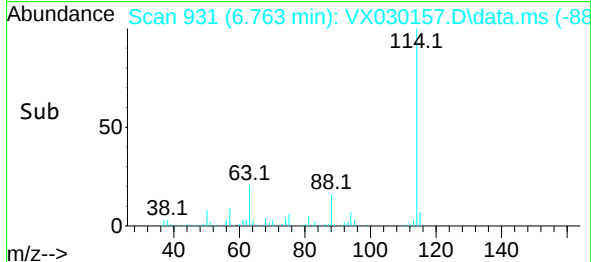
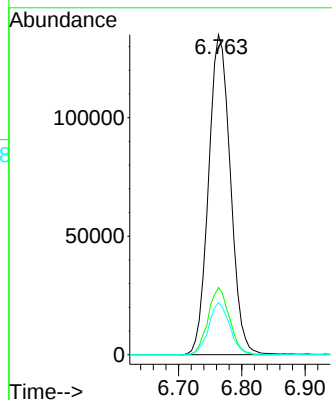
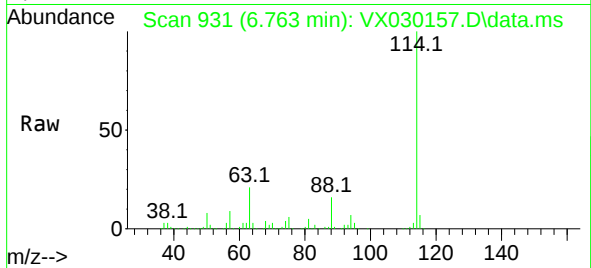




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

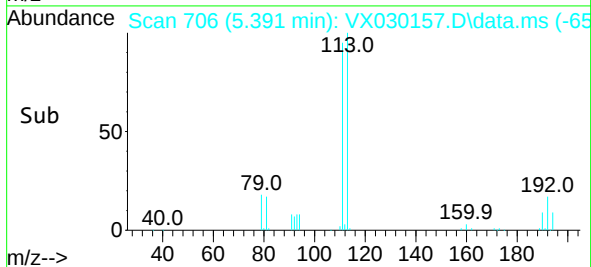
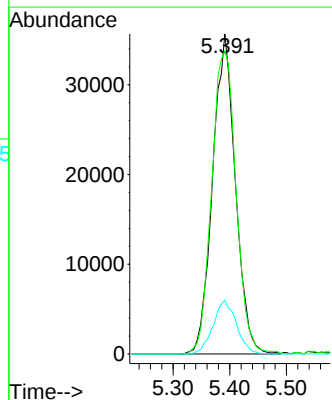
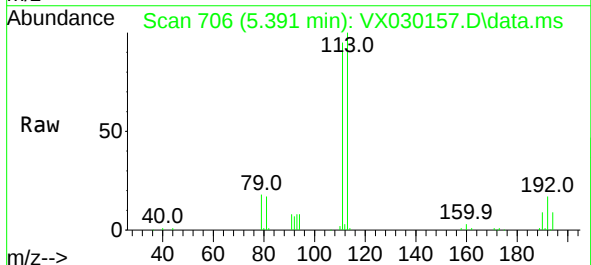
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

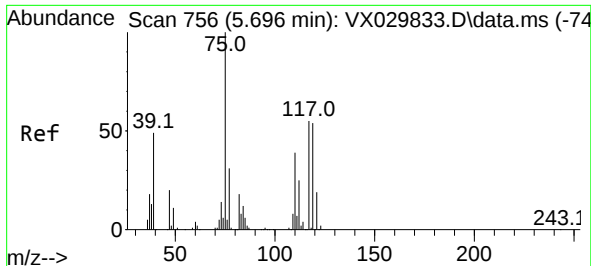
Tgt Ion:114 Resp: 324191
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion:113 Resp: 99183
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 17.2 14.8 22.2

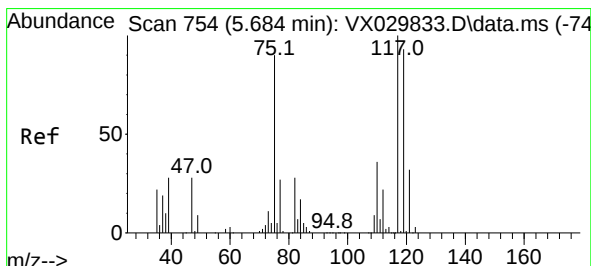
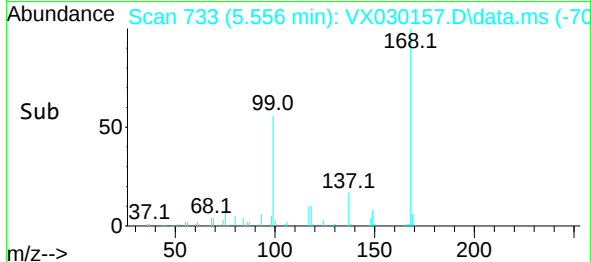
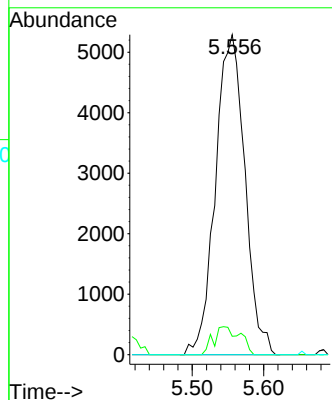
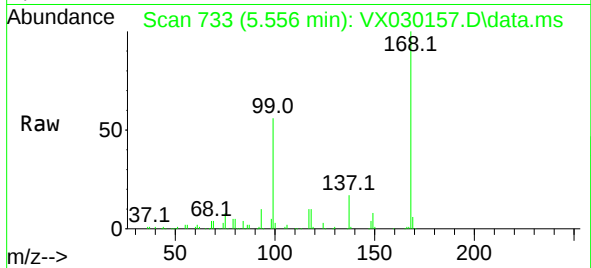




#36
1,1-Dichloropropene
Concen: 5.651 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

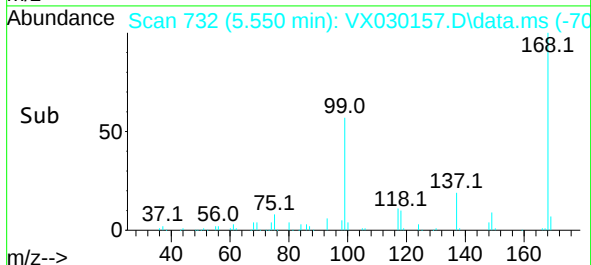
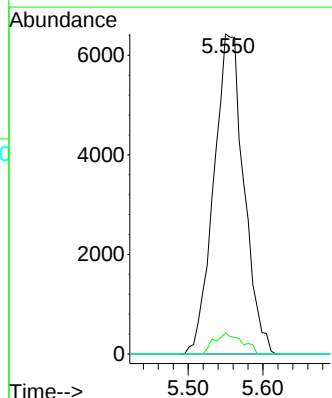
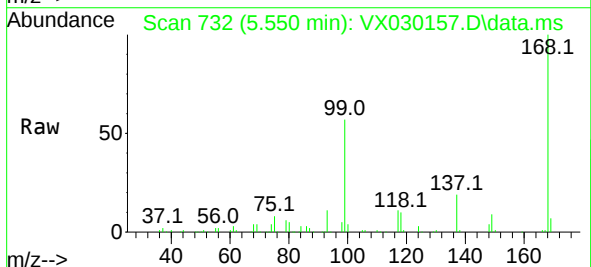
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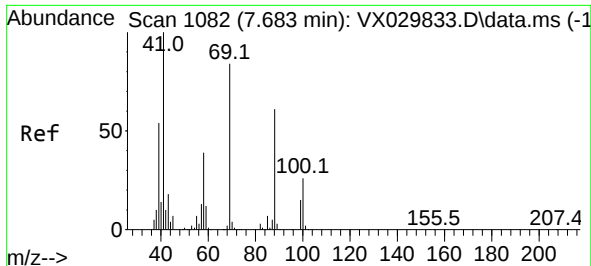
Tgt Ion: 75 Resp: 15118
Ion Ratio Lower Upper
75 100
110 7.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.215 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 117 Resp: 18000
Ion Ratio Lower Upper
117 100
119 6.6 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.355 ug/l

RT: 7.885 min Scan# 1115

Delta R.T. 0.202 min

Lab File: VX030157.D

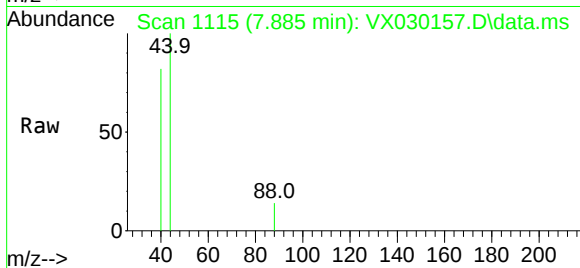
Acq: 21 Jul 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL02



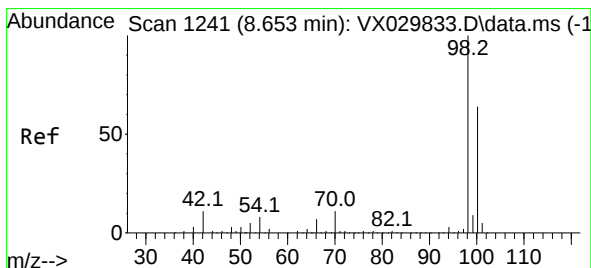
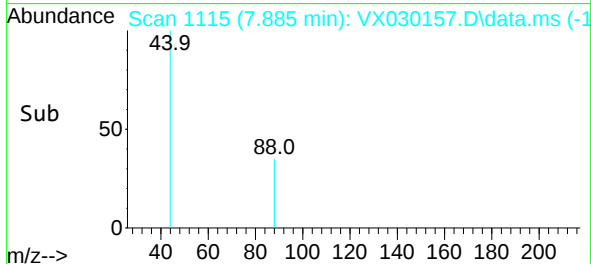
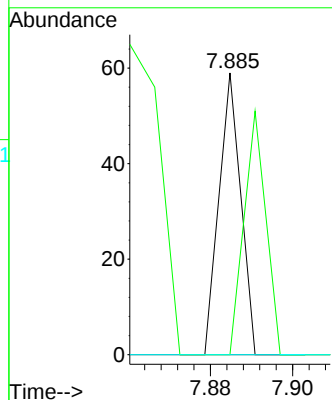
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 86.4 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.063 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030157.D

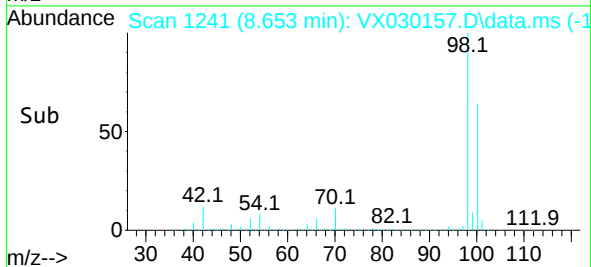
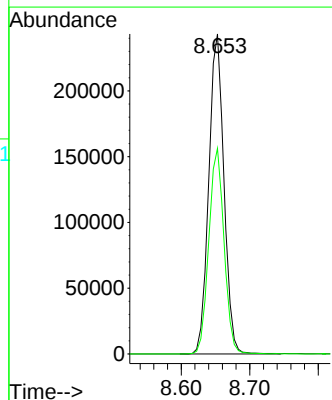
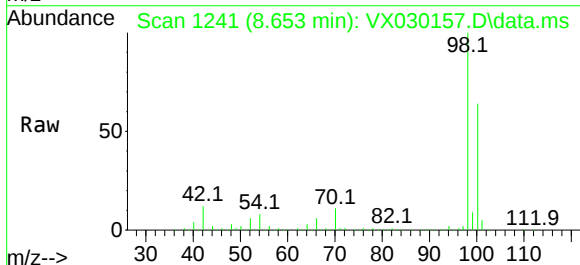
Acq: 21 Jul 2022 12:58

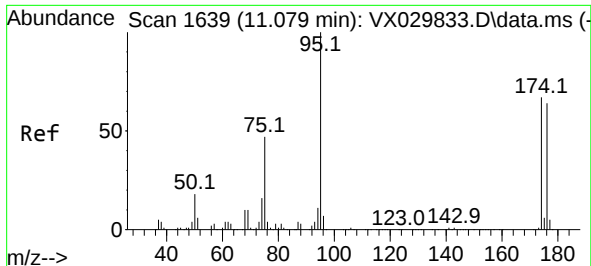
Tgt Ion: 98 Resp: 374367

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

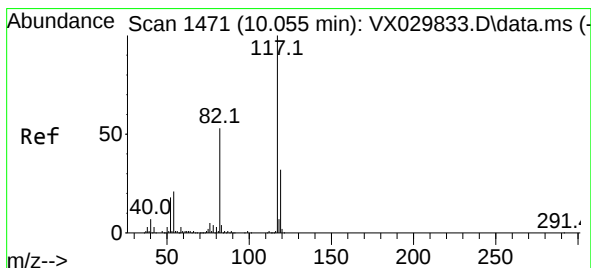
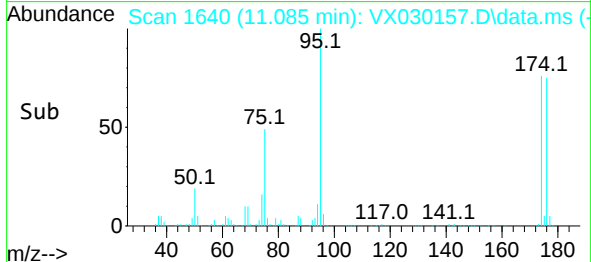
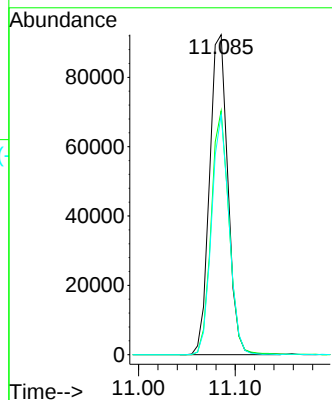
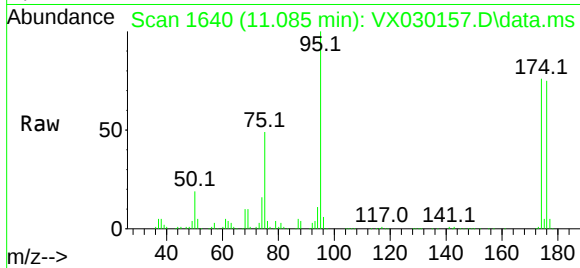




#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

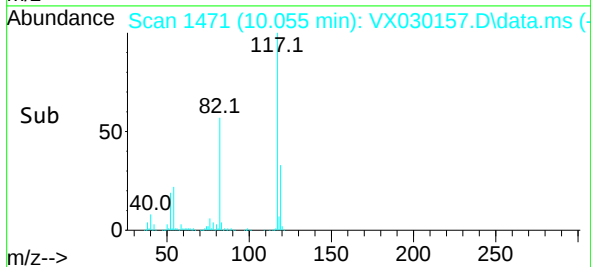
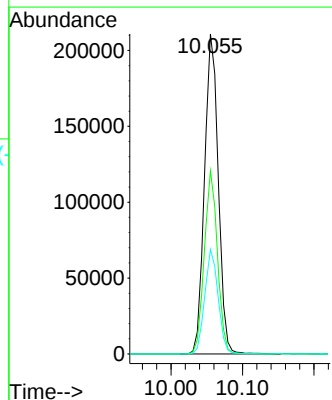
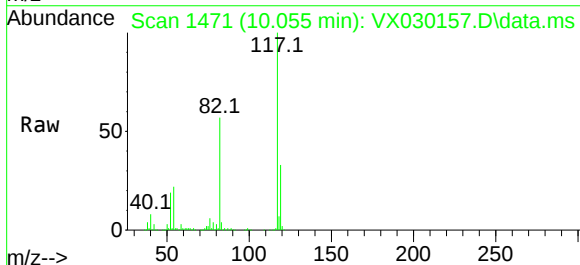
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

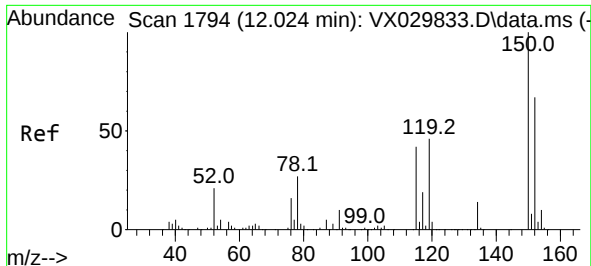
Tgt Ion: 95 Resp: 121323
Ion Ratio Lower Upper
95 100
174 74.0 0.0 149.0
176 71.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 117 Resp: 282149
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 32.7 25.4 38.2

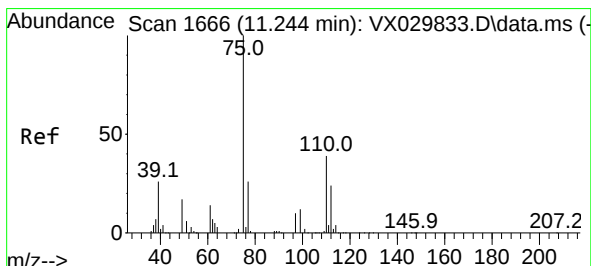
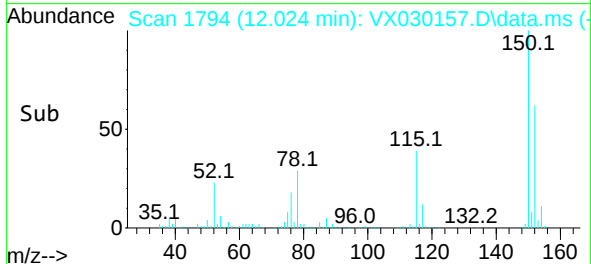
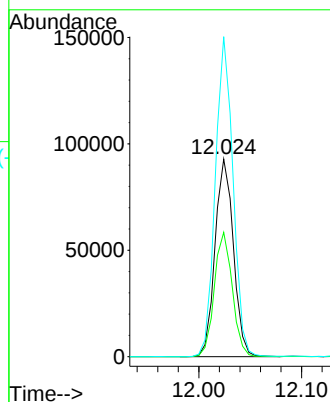
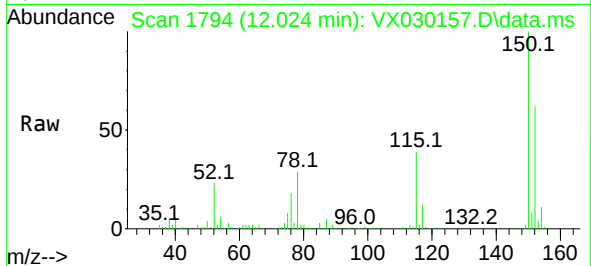




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

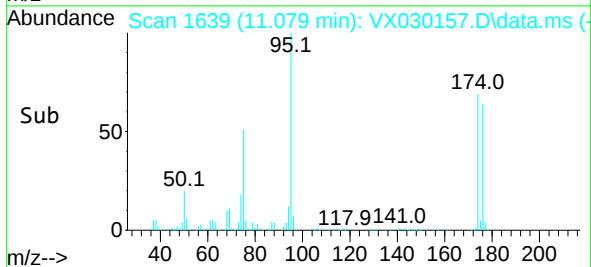
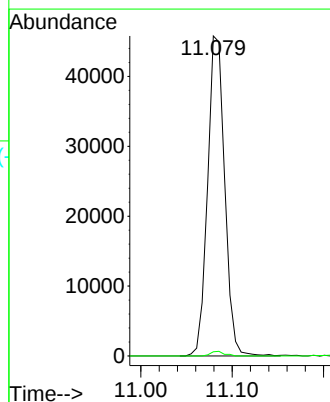
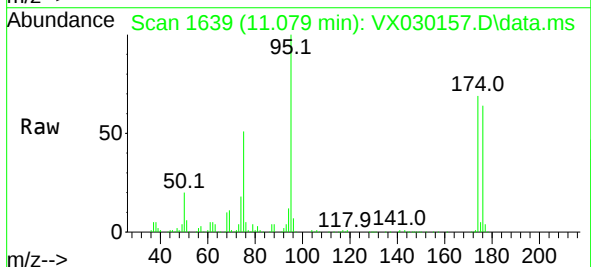
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

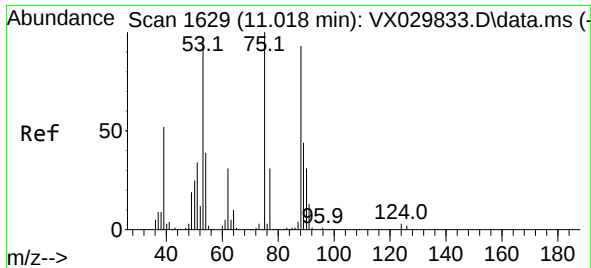
Tgt Ion:152 Resp: 115072
Ion Ratio Lower Upper
152 100
115 61.6 40.5 121.5
150 156.3 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 75 Resp: 59535
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.941 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

Tgt Ion: 75 Resp: 59535
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

