

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034650.D
 Acq On : 21 Mar 2023 13:29
 Operator : JC/MD
 Sample : 02013-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 600

Quant Time: Mar 22 02:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

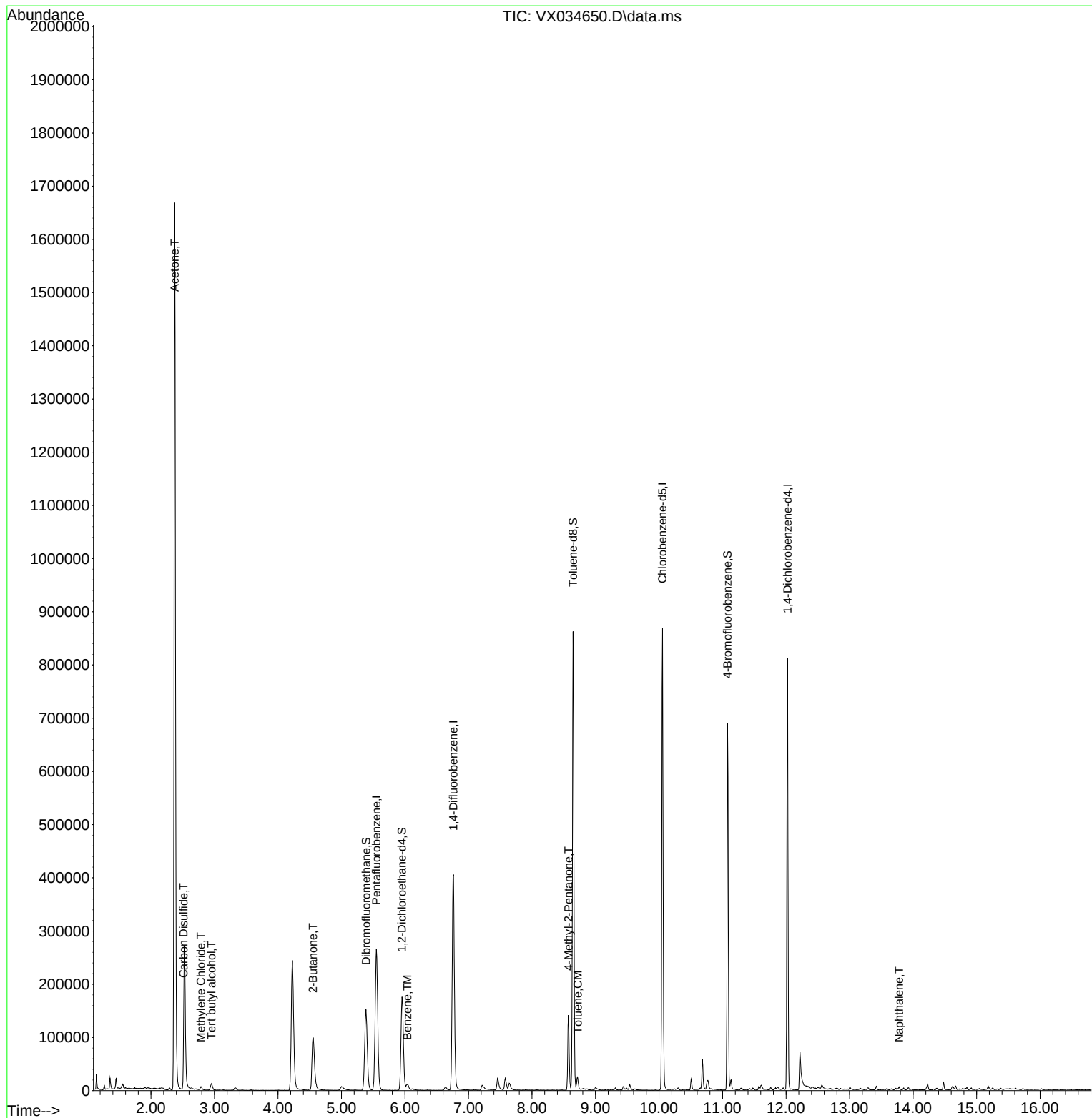
Internal Standards						
1) Pentafluorobenzene	5.550	168	245665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165893	46.418	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	128700	47.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	492910	48.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	174436	42.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	13677	18.377	ug/l	98
16) Acetone	2.373	43	1695469	1007.110	ug/l	100
17) Carbon Disulfide	2.514	76	1943	0.257	ug/l #	91
20) Methylene Chloride	2.788	84	2769	0.847	ug/l #	88
25) 2-Butanone	4.550	43	185768	77.119	ug/l	99
40) Benzene	6.037	78	12201	0.998	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	85097	18.959	ug/l	98
52) Toluene	8.720	92	4176	0.552	ug/l	96
95) Naphthalene	13.780	128	2807	0.237	ug/l #	95

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

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MSVOA_X
ClientSampleId :
600

Quant Time: Mar 22 02:03:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

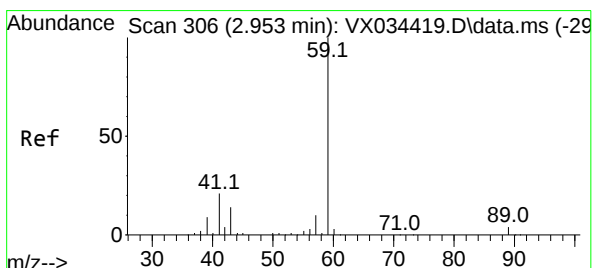
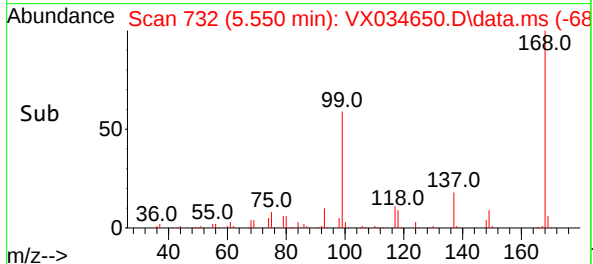
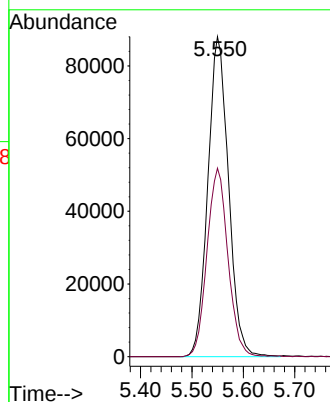
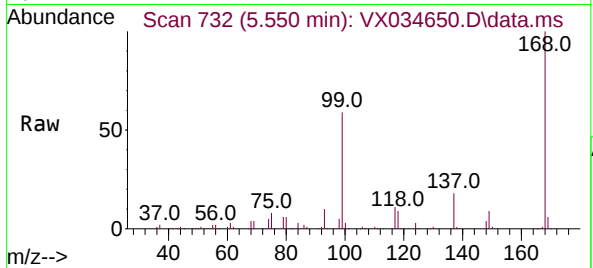




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

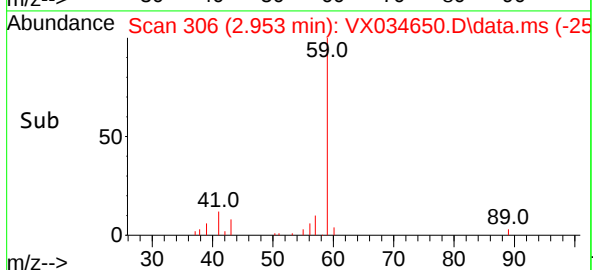
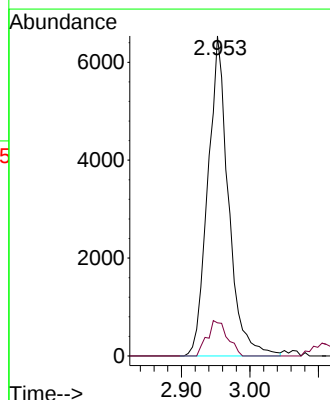
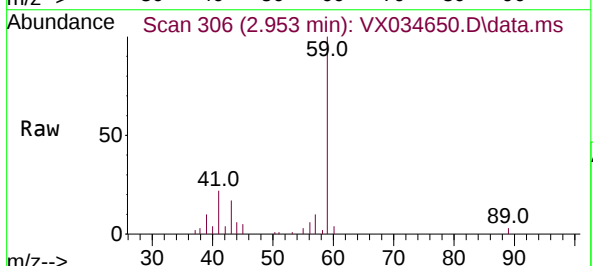
Instrument :
MSVOA_X
ClientSampleId :
600

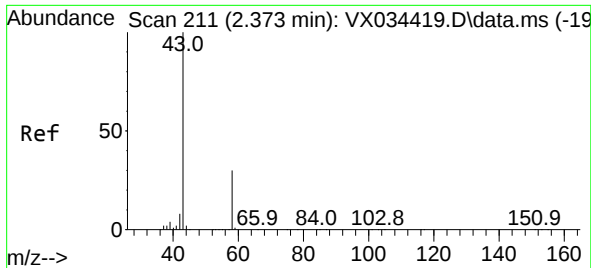
Tgt Ion:168 Resp: 245665
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 18.377 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

Tgt Ion: 59 Resp: 13677
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1

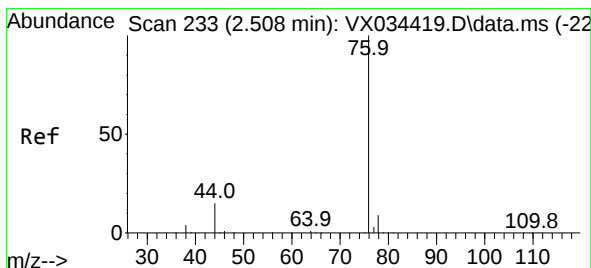
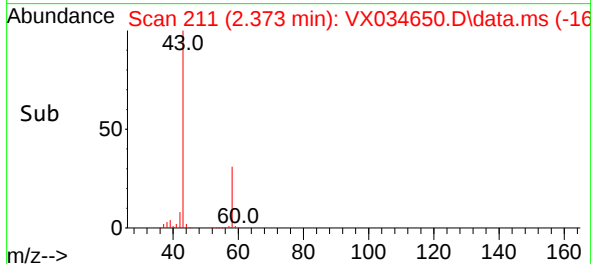
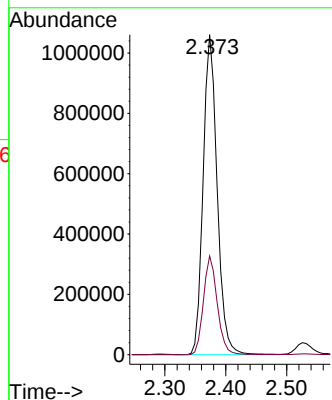
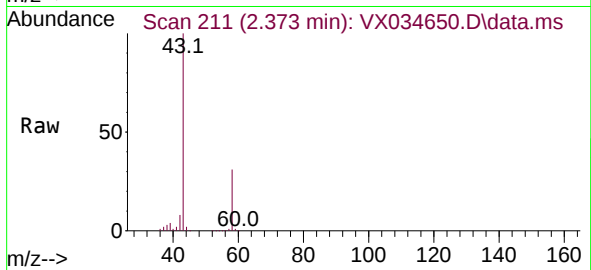




#16
Acetone
Concen: 1007.110 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

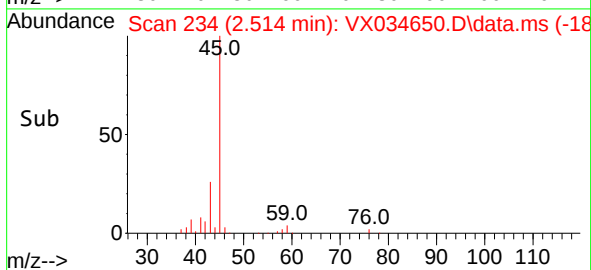
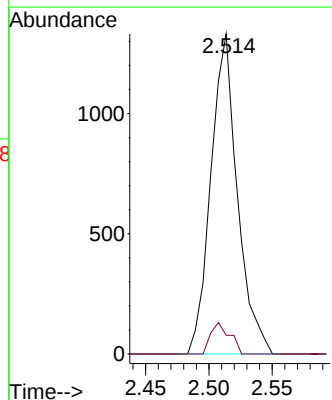
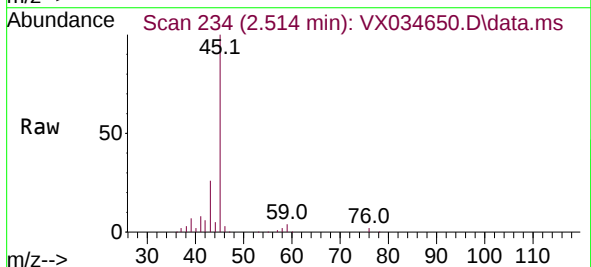
Instrument :
MSVOA_X
ClientSampleId :
600

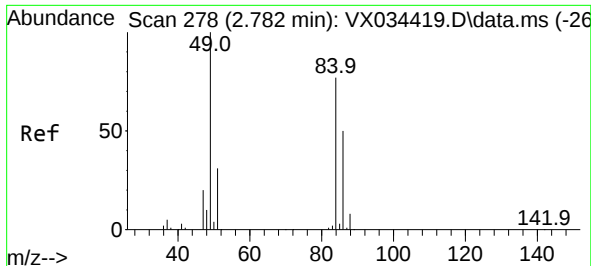
Tgt Ion: 43 Resp: 1695469
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

Tgt Ion: 76 Resp: 1943
Ion Ratio Lower Upper
76 100
78 5.9 7.2 10.8#

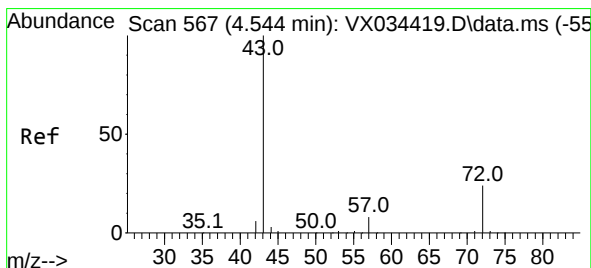
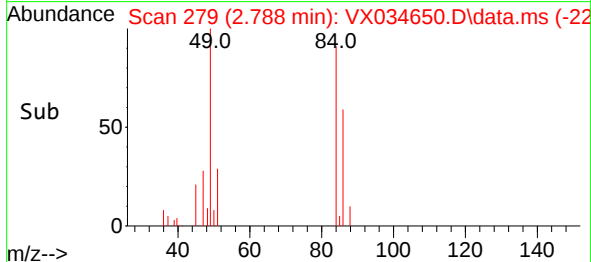
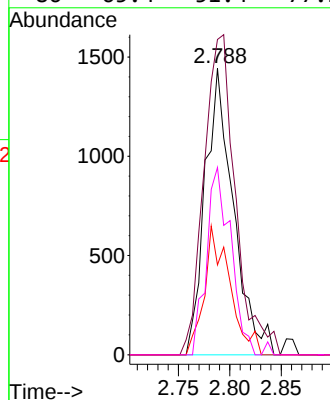
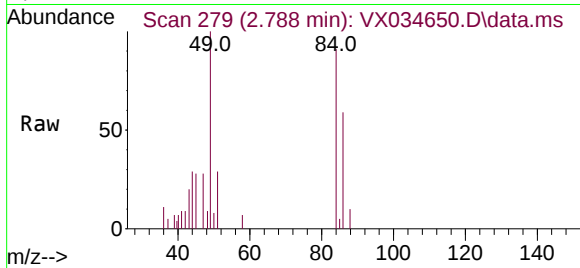




#20
Methylene Chloride
Concen: 0.847 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

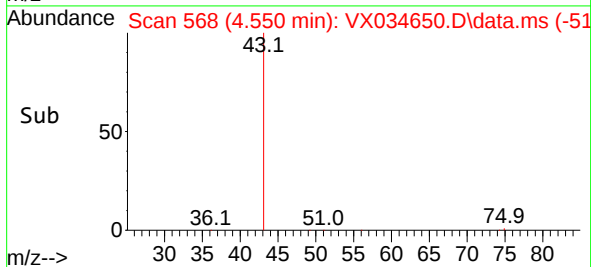
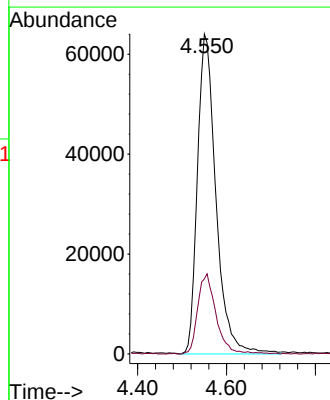
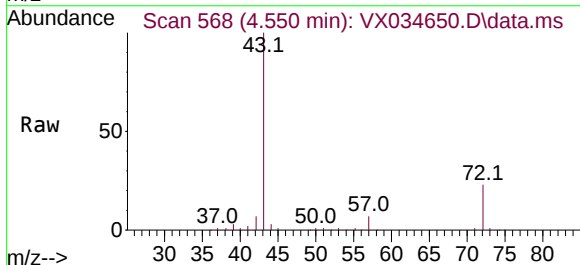
Instrument :
MSVOA_X
ClientSampleId :
600

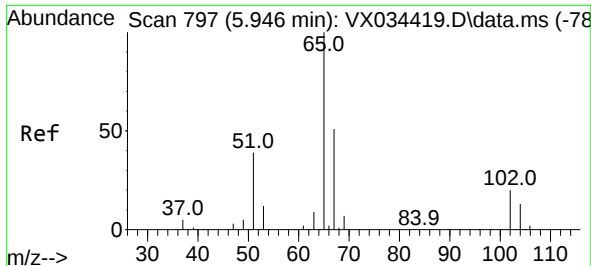
Tgt Ion:	84	Resp:	2769
Ion	Ratio	Lower	Upper
84	100		
49	110.1	103.8	155.8
51	31.4	31.8	47.8#
86	65.4	51.4	77.2



#25
2-Butanone
Concen: 77.119 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

Tgt Ion:	43	Resp:	185768
Ion	Ratio	Lower	Upper
43	100		
72	23.5	19.3	28.9

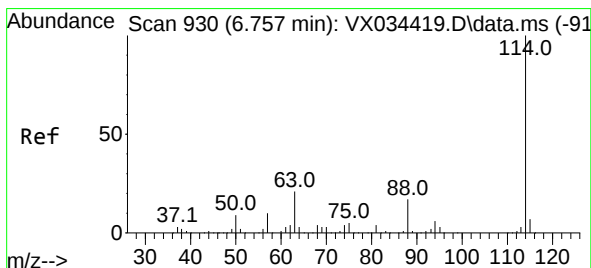
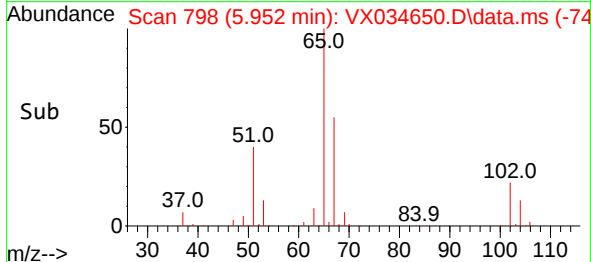
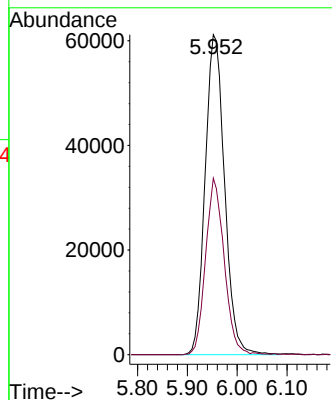
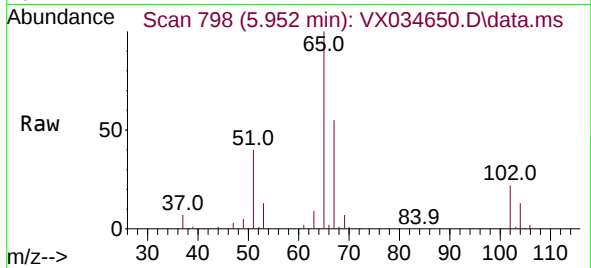




#33
 1,2-Dichloroethane-d4
 Concen: 46.418 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034650.D
 Acq: 21 Mar 2023 13:29

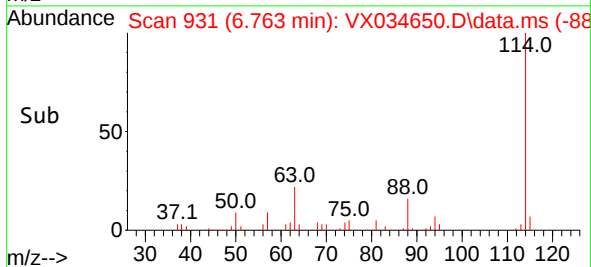
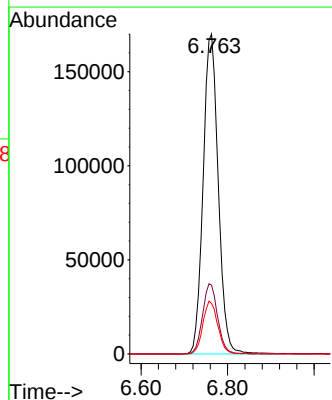
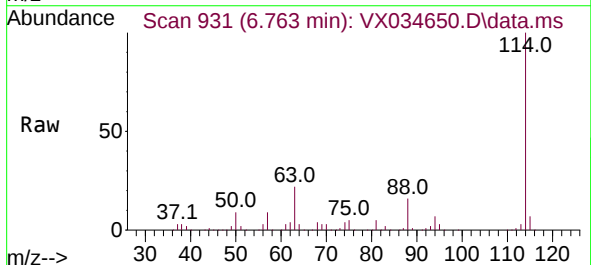
Instrument :
 MSVOA_X
 ClientSampleId :
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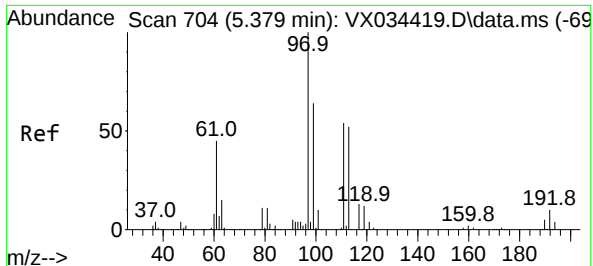
Tgt Ion: 65 Resp: 165893
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034650.D
 Acq: 21 Mar 2023 13:29

Tgt Ion: 114 Resp: 412267
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.282 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034650.D

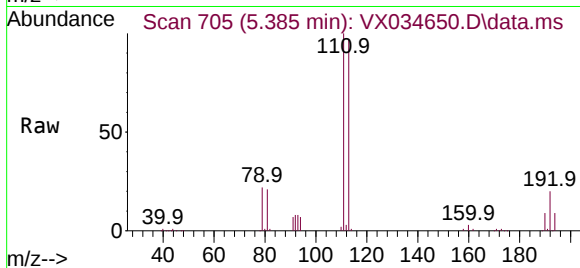
Acq: 21 Mar 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

600



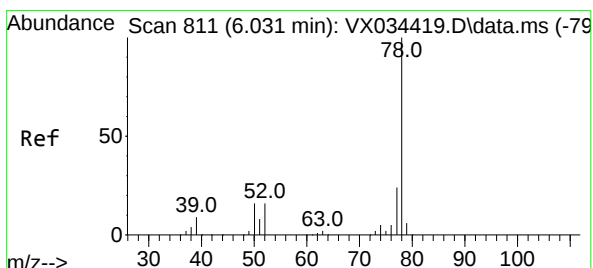
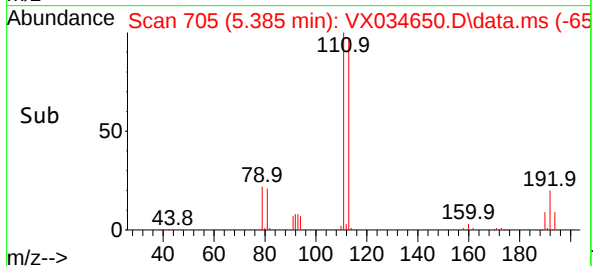
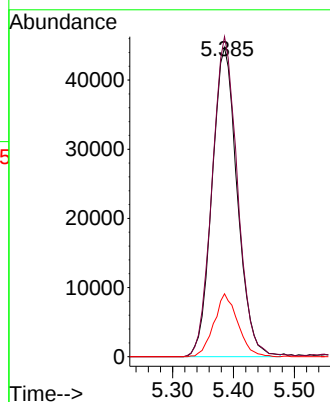
Tgt Ion:113 Resp: 128700

Ion Ratio Lower Upper

113 100

111 103.9 83.7 125.5

192 19.2 15.4 23.2



#40

Benzene

Concen: 0.998 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034650.D

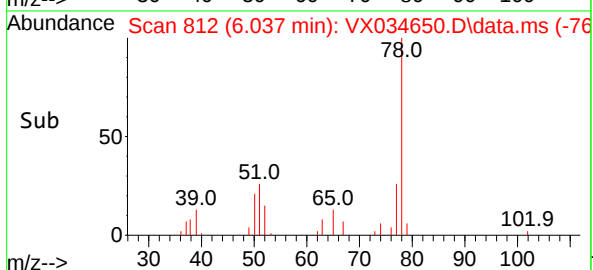
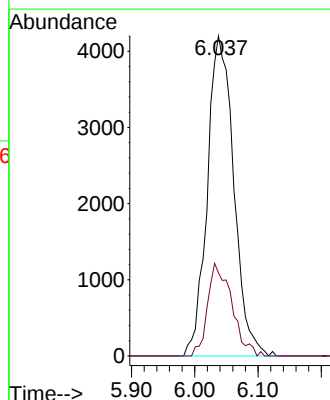
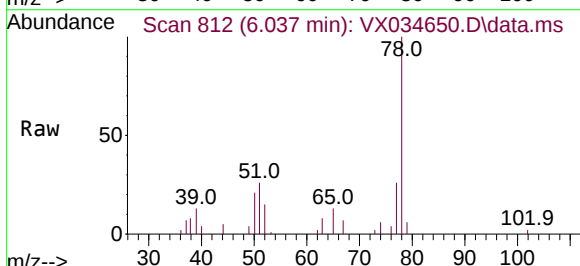
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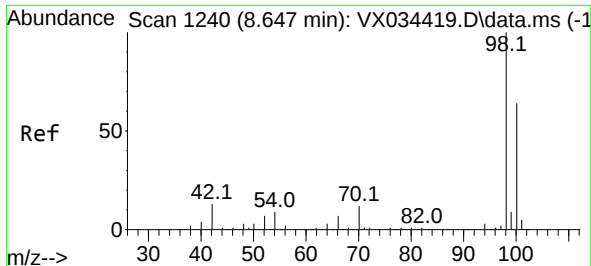
Tgt Ion: 78 Resp: 12201

Ion Ratio Lower Upper

78 100

77 26.0 19.0 28.4

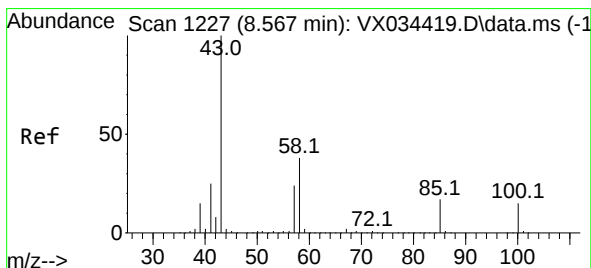
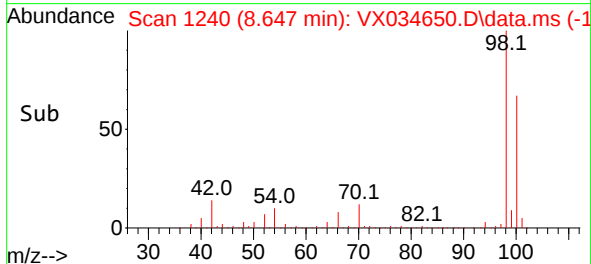
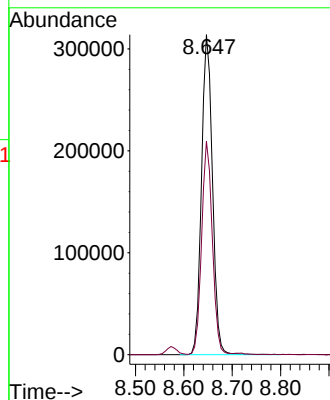
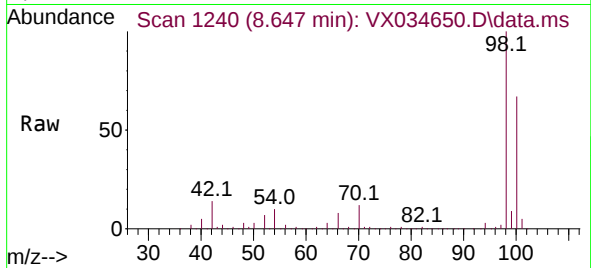




#50
Toluene-d8
Concen: 48.508 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

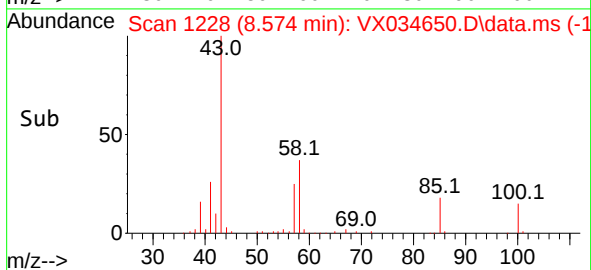
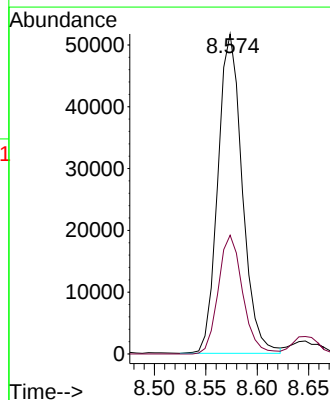
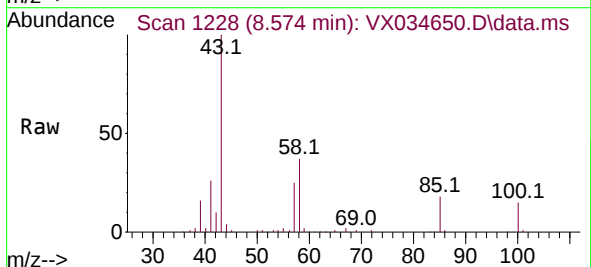
Instrument :
MSVOA_X
ClientSampleId :
600

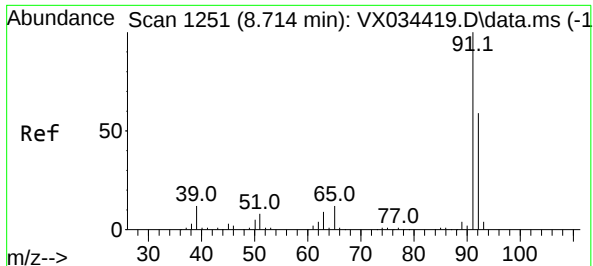
Tgt Ion: 98 Resp: 492910
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 18.959 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

Tgt Ion: 43 Resp: 85097
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0





#52

Toluene

Concen: 0.552 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034650.D

Acq: 21 Mar 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

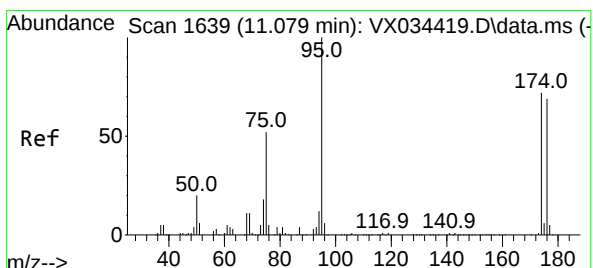
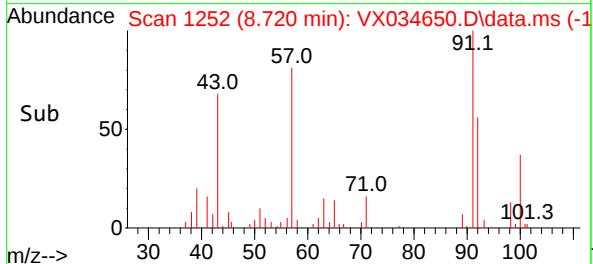
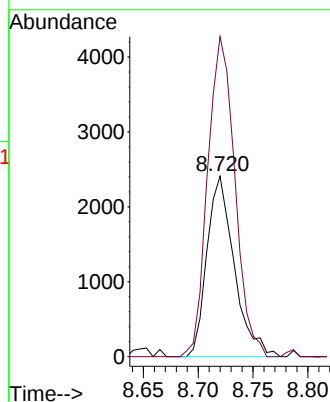
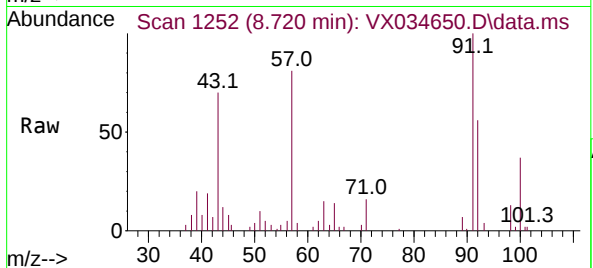
600

Tgt Ion: 92 Resp: 4176

Ion Ratio Lower Upper

92 100

91 176.8 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 42.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034650.D

Acq: 21 Mar 2023 13:29

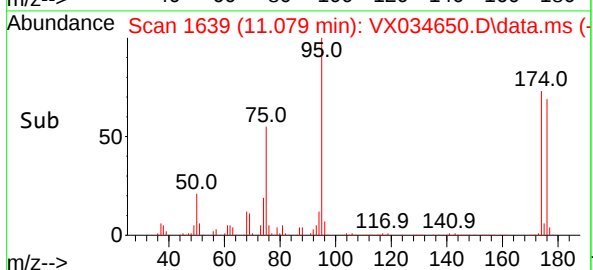
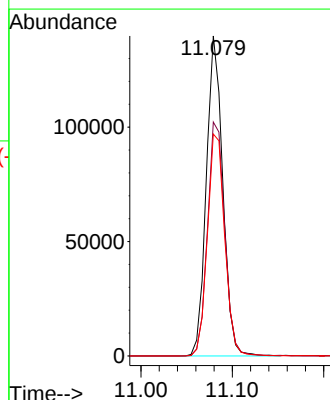
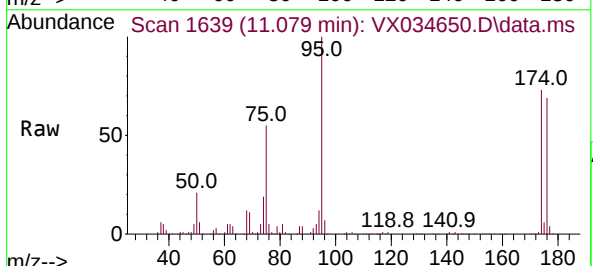
Tgt Ion: 95 Resp: 174436

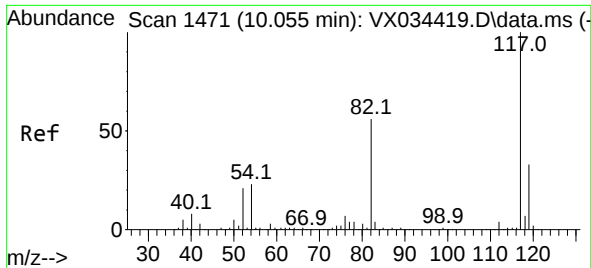
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.4

176 73.2 0.0 140.6

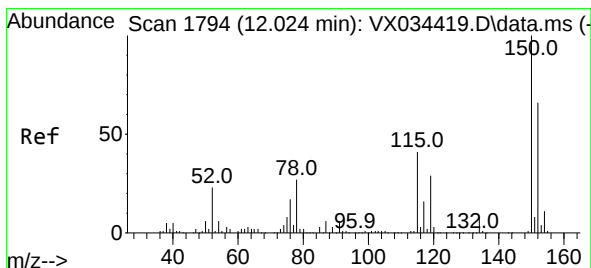
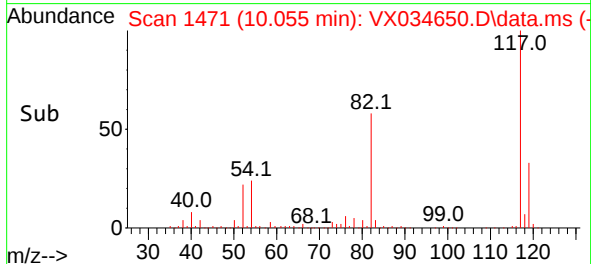
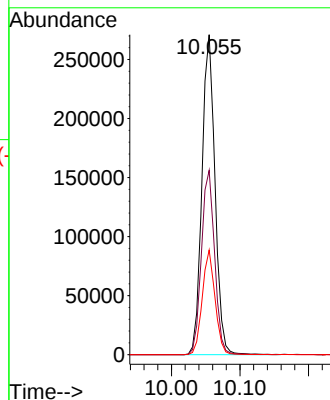
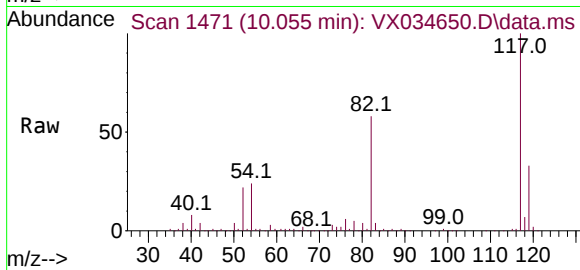




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

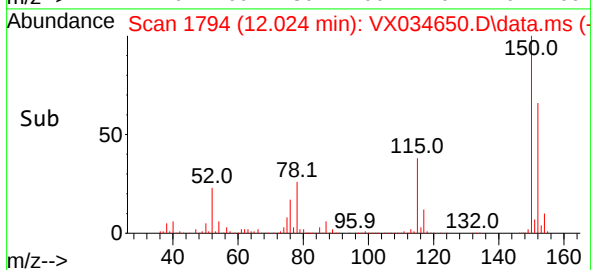
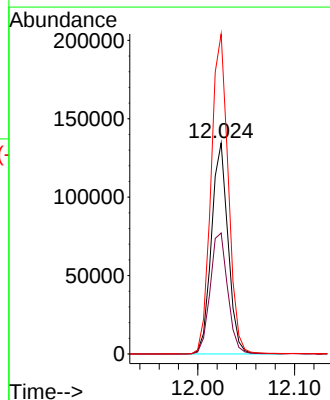
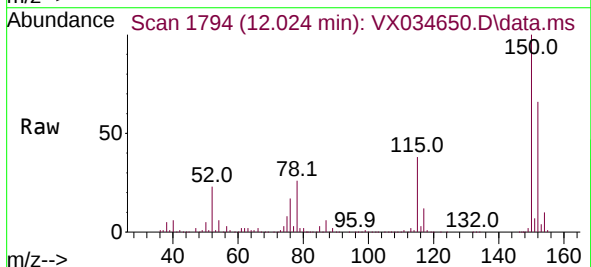
Instrument :
MSVOA_X
ClientSampleId :
600

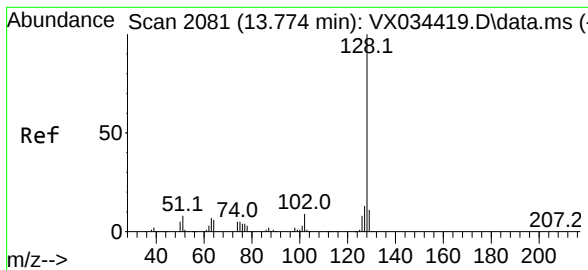
Tgt Ion:117 Resp: 360109
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034650.D
Acq: 21 Mar 2023 13:29

Tgt Ion:152 Resp: 160991
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 156.7 0.0 352.4





#95
 Naphthalene
 Concen: 0.237 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX034650.D
 Acq: 21 Mar 2023 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 600

Tgt Ion:	128	Resp:	2807
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	13.0	8.6	13.0

