

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035631.D
 Acq On : 12 May 2023 12:34
 Operator : JC/MD
 Sample : 02702-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50033

Quant Time: May 15 01:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

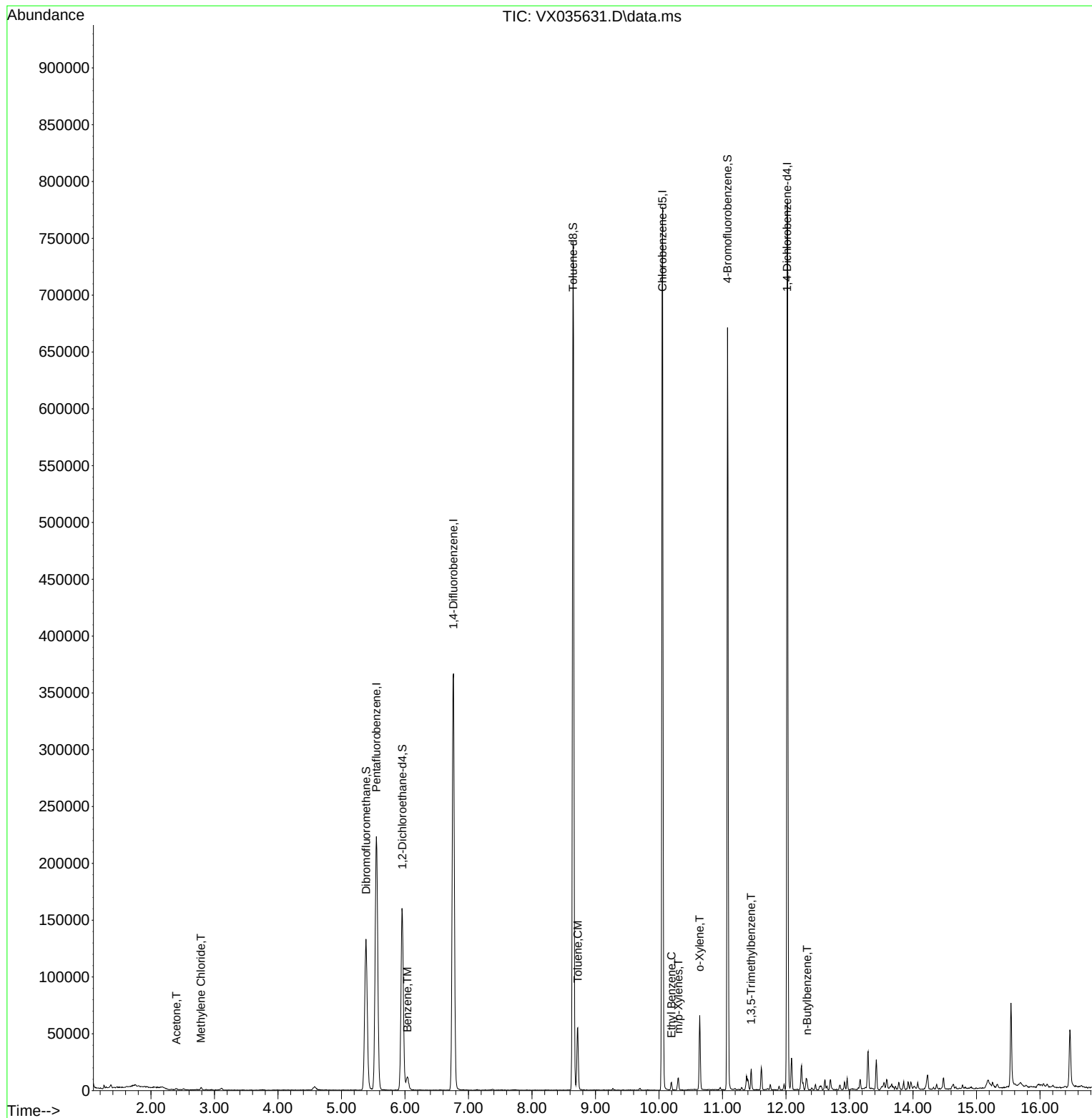
Internal Standards						
1) Pentafluorobenzene	5.550	168	191616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159579	47.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.385	113	112586	47.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	8.647	98	423462	48.325	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	175945	49.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.740%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1758	1.224	ug/l #	85
20) Methylene Chloride	2.788	84	930	0.357	ug/l #	75
40) Benzene	6.038	78	12481	1.192	ug/l	93
52) Toluene	8.720	92	20131	3.045	ug/l	98
67) Ethyl Benzene	10.195	91	3610	0.276	ug/l	97
68) m/p-Xylenes	10.305	106	2539	0.525	ug/l	98
69) o-Xylene	10.640	106	12176	2.538	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	6601	0.622	ug/l	98
89) n-Butylbenzene	12.329	91	2666	0.275	ug/l #	60

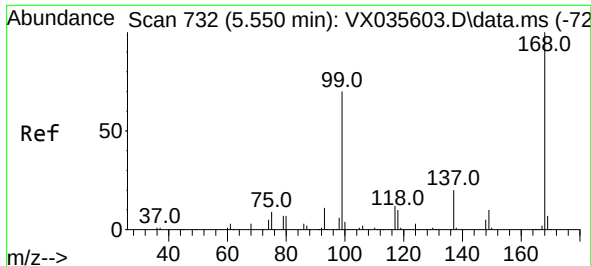
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
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Sample : 02702-02 50X
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
50033

Quant Time: May 15 01:54:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

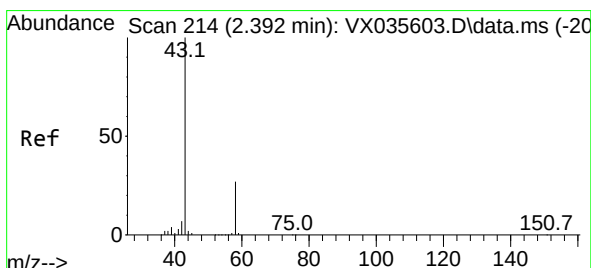
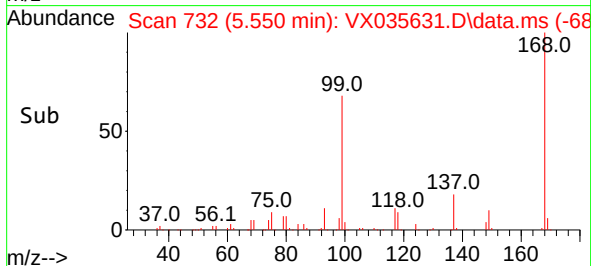
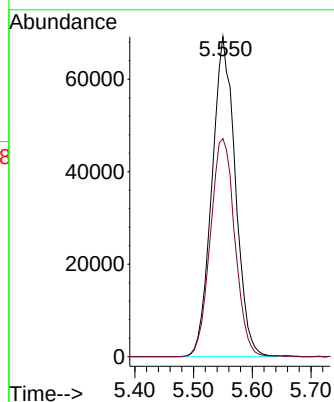
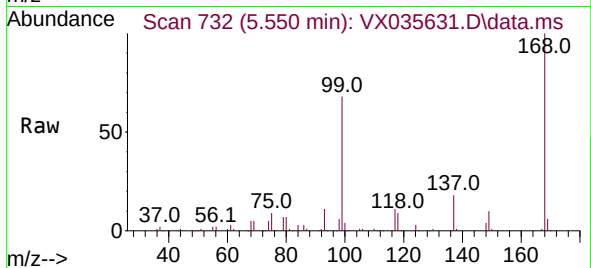




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

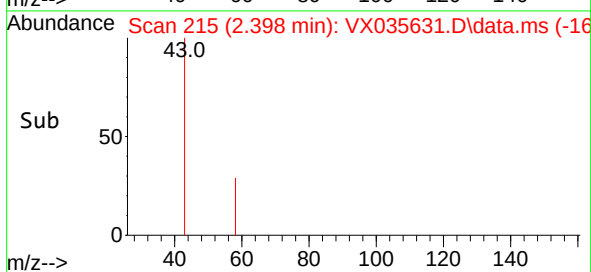
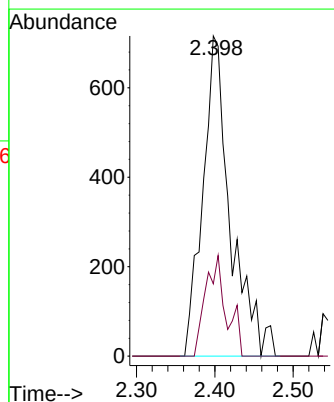
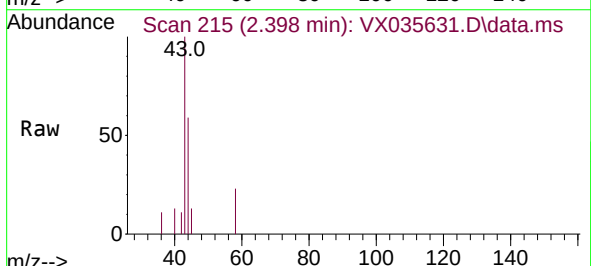
Instrument :
MSVOA_X
ClientSampleId :
50033

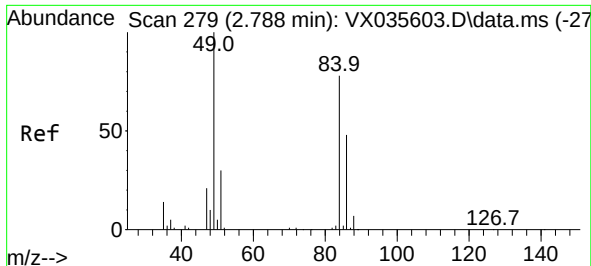
Tgt Ion:168 Resp: 191616
Ion Ratio Lower Upper
168 100
99 68.2 45.7 68.5



#16
Acetone
Concen: 1.224 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 22.6 24.7 37.1#

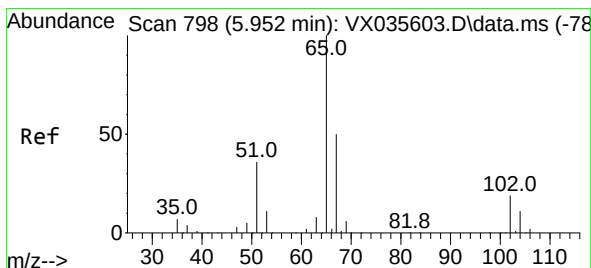
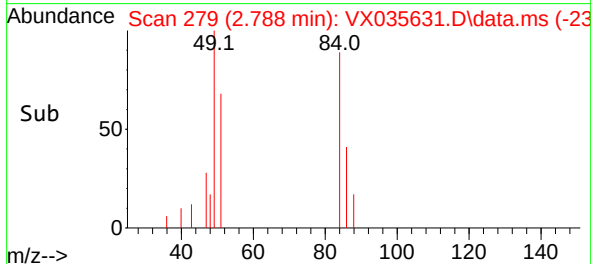
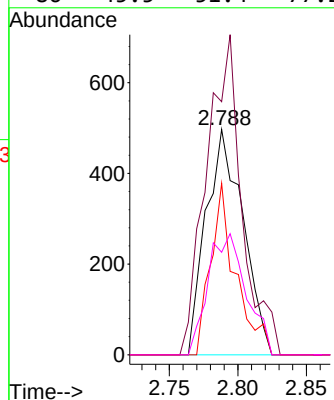
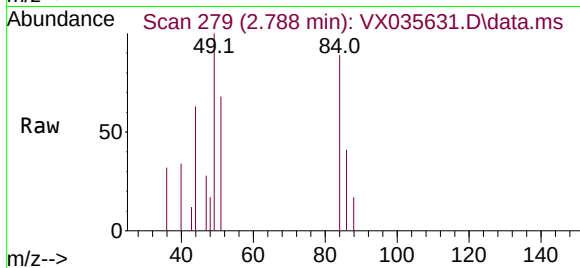




#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

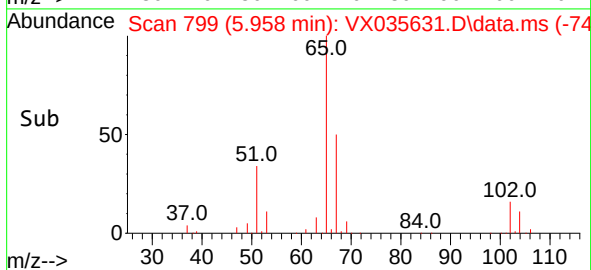
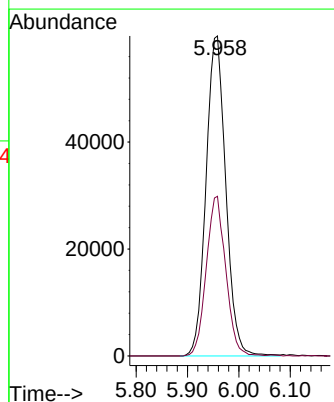
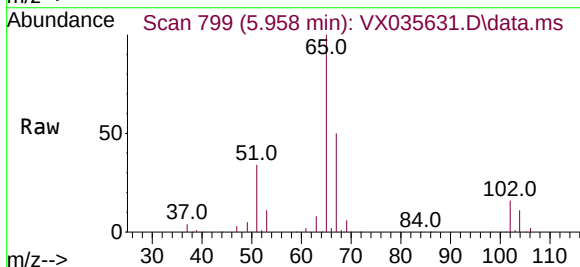
Instrument :
MSVOA_X
ClientSampleId :
50033

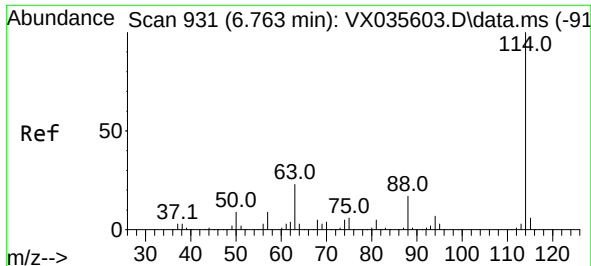
Tgt Ion:	84	Resp:	930
Ion	Ratio	Lower	Upper
84	100		
49	112.3	103.8	155.8
51	76.1	31.8	47.8#
86	45.5	51.4	77.2#



#33
1,2-Dichloroethane-d4
Concen: 47.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

Tgt Ion:	65	Resp:	159579
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.0

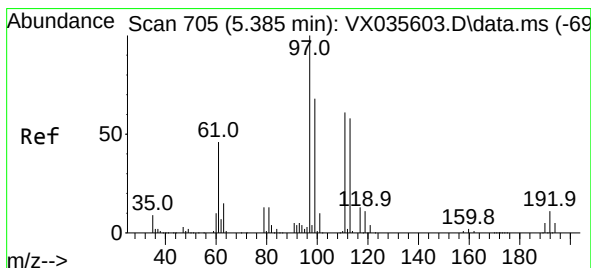
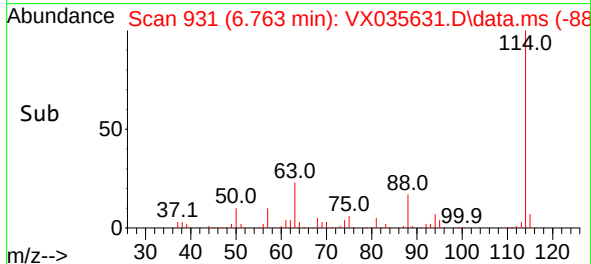
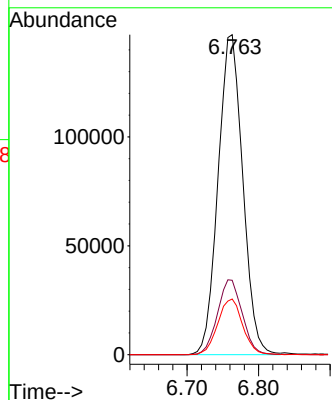
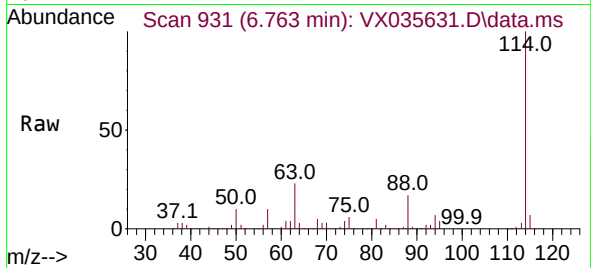




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

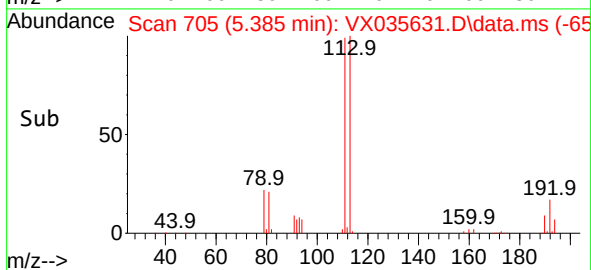
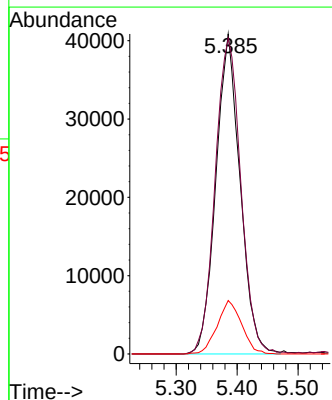
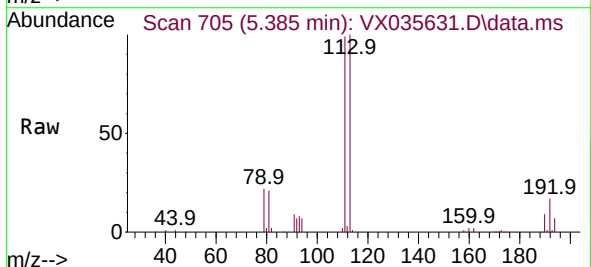
Instrument :
MSVOA_X
ClientSampleId :
50033

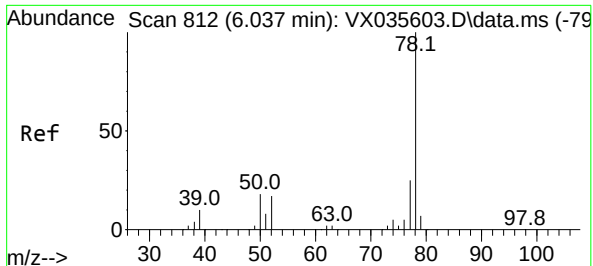
Tgt Ion:114 Resp: 351724
Ion Ratio Lower Upper
114 100
63 23.3 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

Tgt Ion:113 Resp: 112586
Ion Ratio Lower Upper
113 100
111 104.8 83.7 125.5
192 16.9 15.4 23.2





#40

Benzene

Concen: 1.192 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035631.D

Acq: 12 May 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

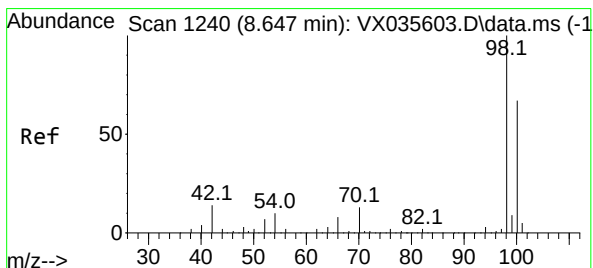
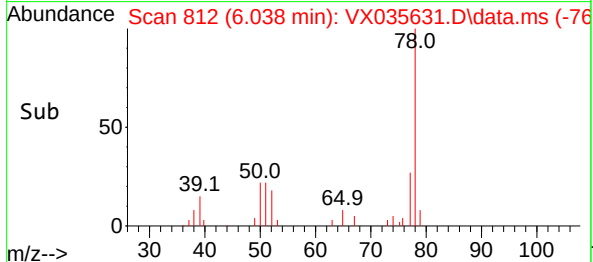
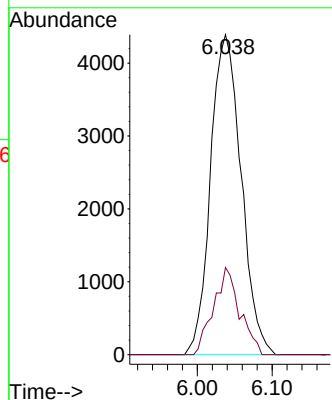
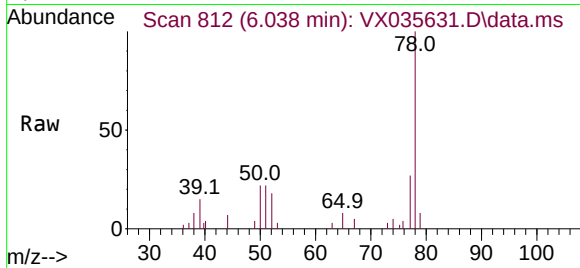
50033

Tgt Ion: 78 Resp: 12481

Ion Ratio Lower Upper

78 100

77 27.2 19.0 28.4



#50

Toluene-d8

Concen: 48.325 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035631.D

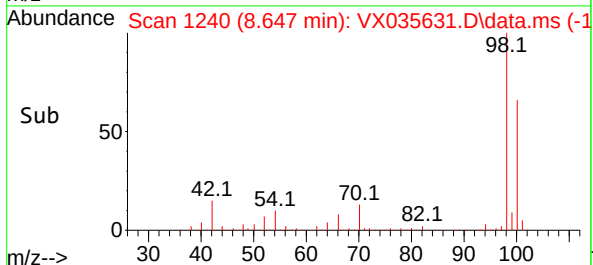
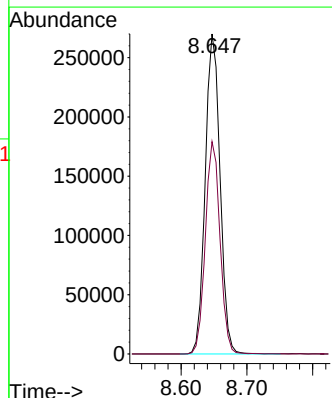
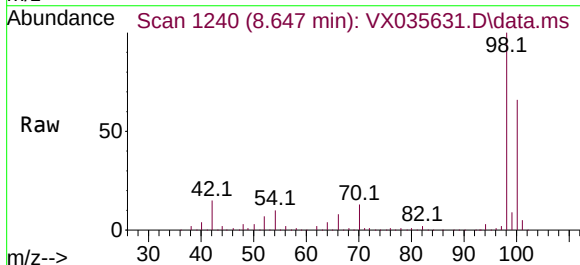
Acq: 12 May 2023 12:34

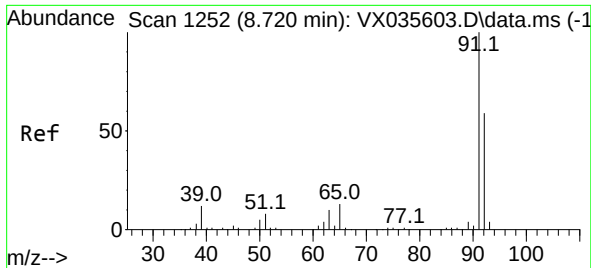
Tgt Ion: 98 Resp: 423462

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#52

Toluene

Concen: 3.045 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035631.D

Acq: 12 May 2023 12:34

Instrument :

MSVOA_X

ClientSampleId :

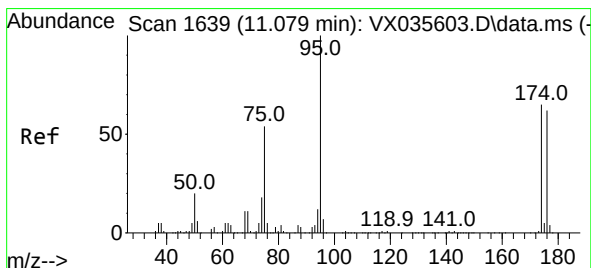
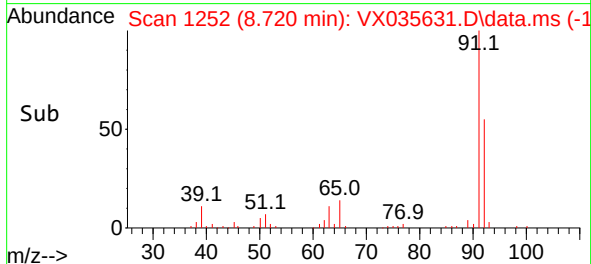
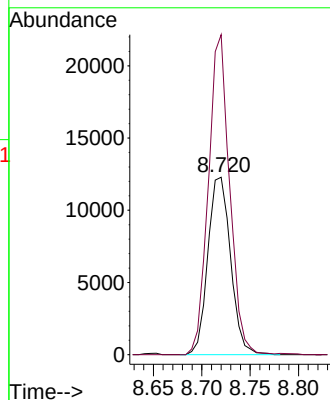
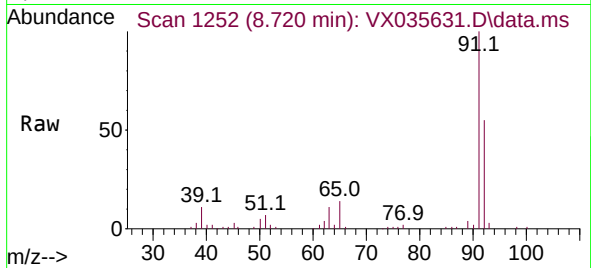
50033

Tgt Ion: 92 Resp: 20131

Ion Ratio Lower Upper

92 100

91 168.1 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 49.867 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035631.D

Acq: 12 May 2023 12:34

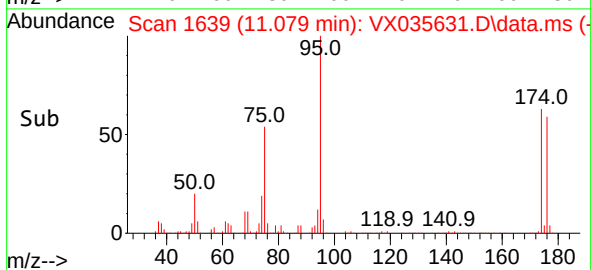
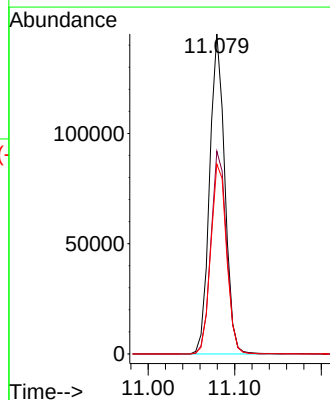
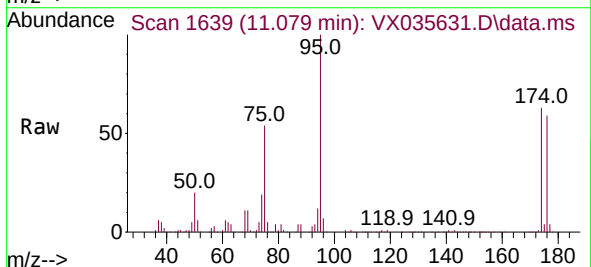
Tgt Ion: 95 Resp: 175945

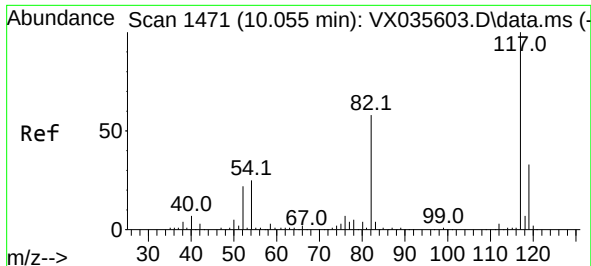
Ion Ratio Lower Upper

95 100

174 65.4 0.0 147.4

176 62.2 0.0 140.6

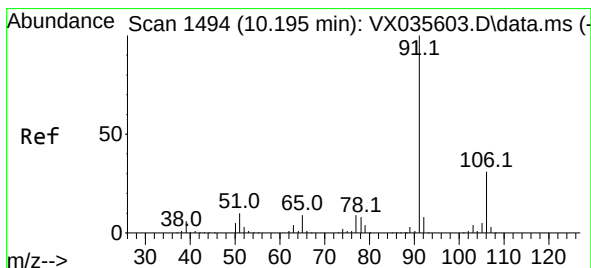
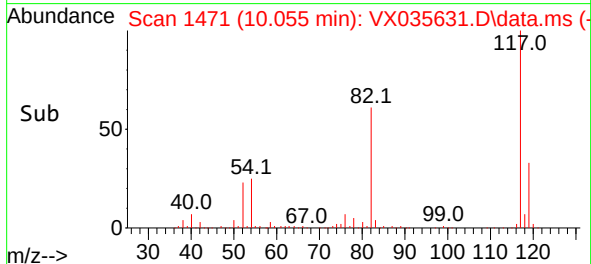
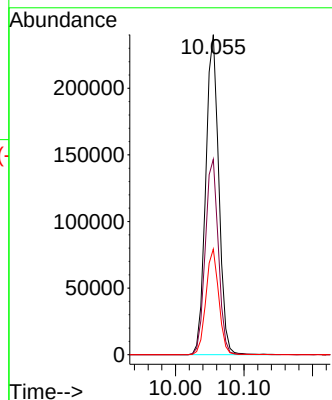
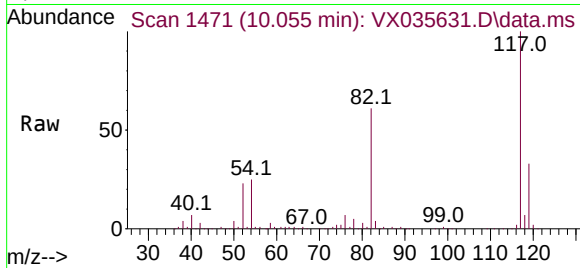




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

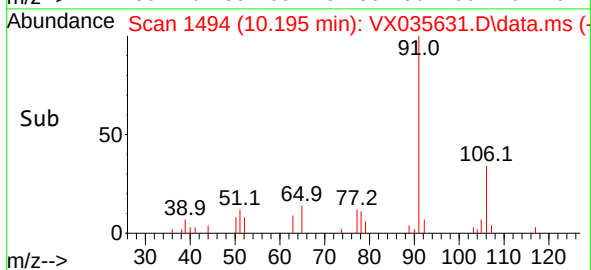
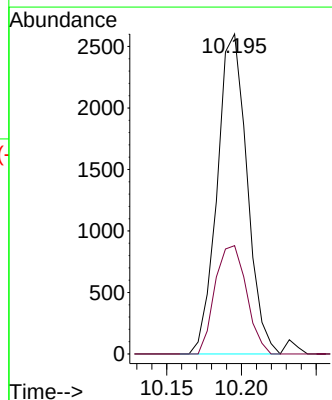
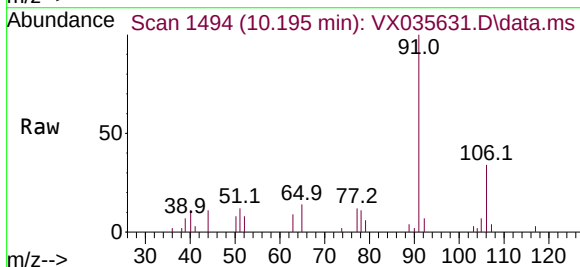
Instrument :
MSVOA_X
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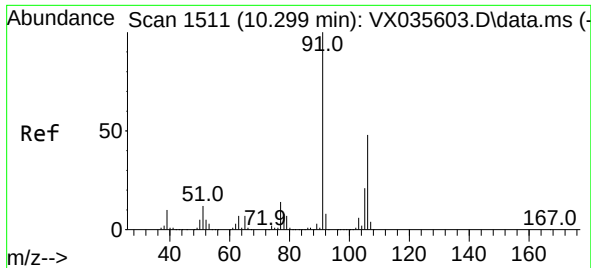
Tgt Ion:117 Resp: 318639
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 33.0 26.0 39.0



#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

Tgt Ion: 91 Resp: 3610
Ion Ratio Lower Upper
91 100
106 33.9 25.6 38.4

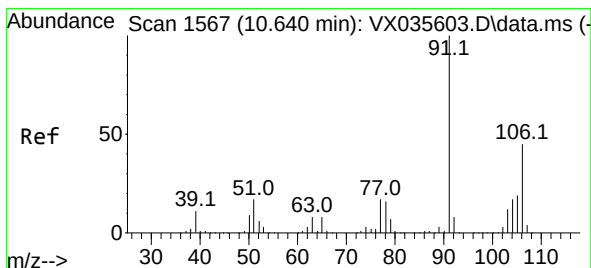
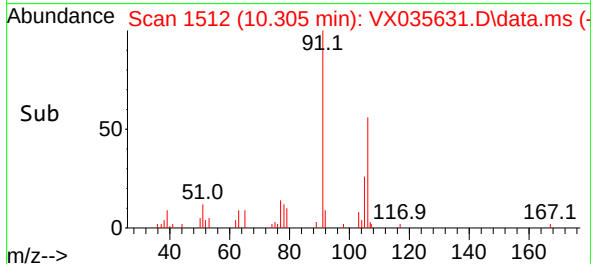
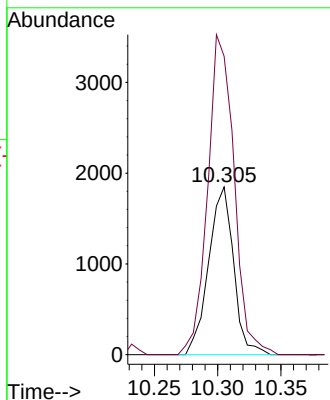
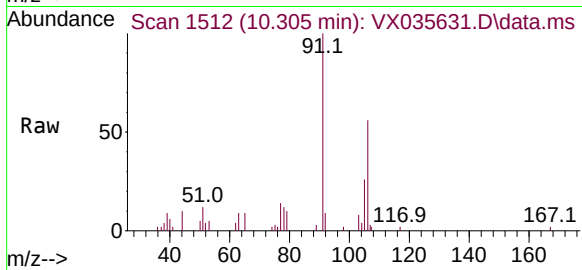




#68
m/p-Xylenes
Concen: 0.525 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

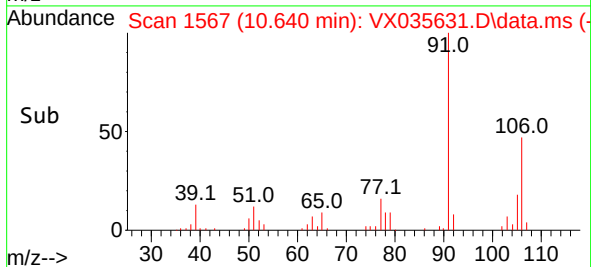
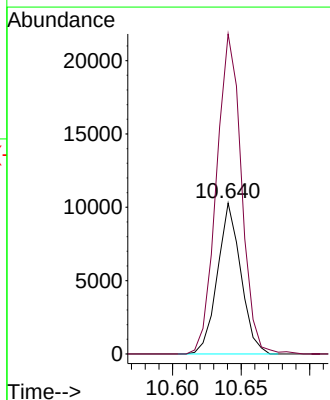
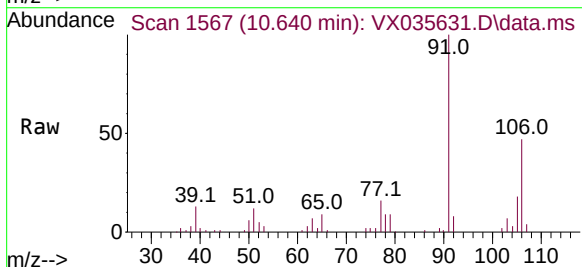
Instrument :
MSVOA_X
ClientSampleId :
50033

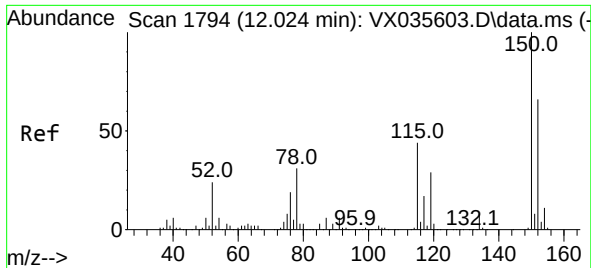
Tgt Ion:106 Resp: 2539
Ion Ratio Lower Upper
106 100
91 201.7 164.0 246.0



#69
o-Xylene
Concen: 2.538 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035631.D
Acq: 12 May 2023 12:34

Tgt Ion:106 Resp: 12176
Ion Ratio Lower Upper
106 100
91 227.3 108.5 325.3

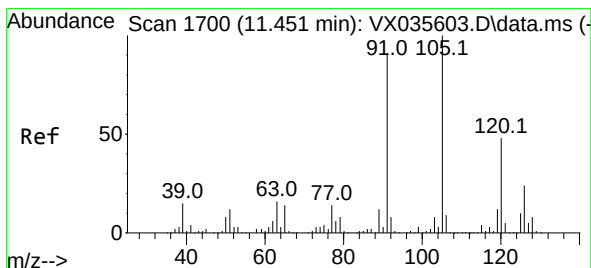
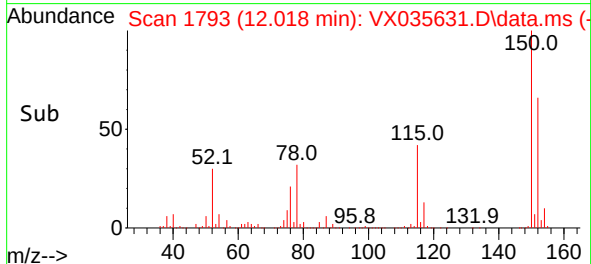
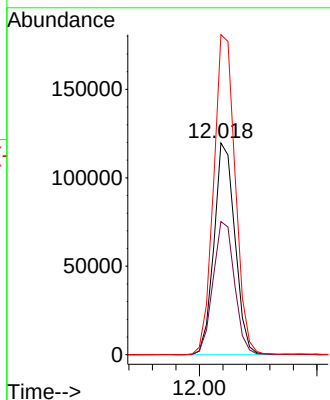
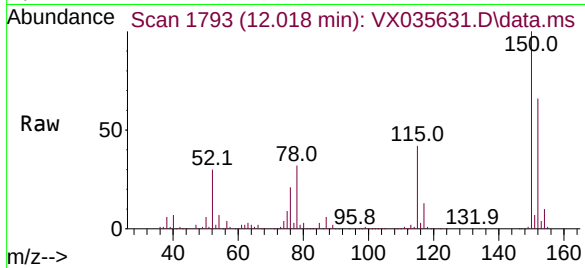




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.006 min
 Lab File: VX035631.D
 Acq: 12 May 2023 12:34

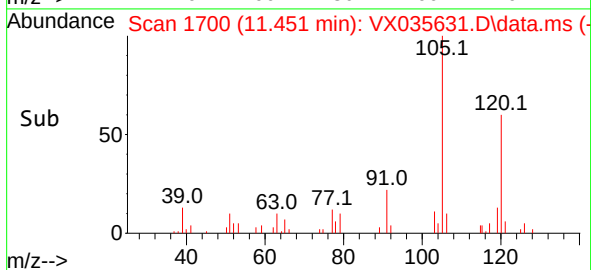
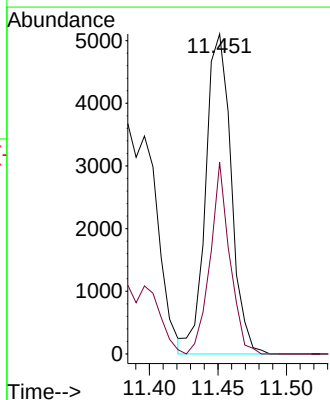
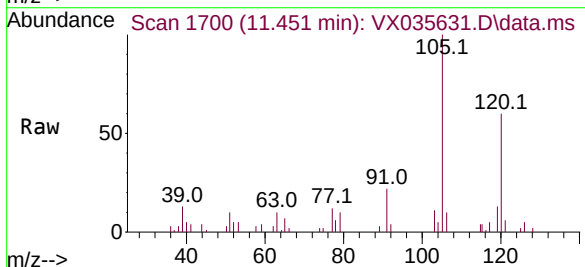
Instrument :
 MSVOA_X
 ClientSampleId :
 50033

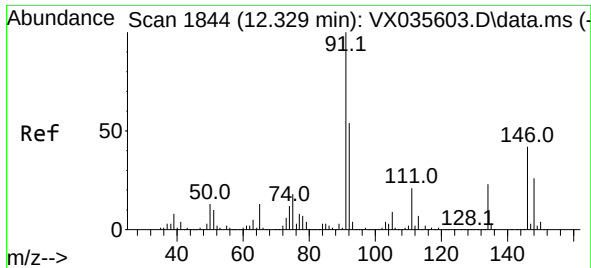
Tgt Ion:152 Resp: 148195
 Ion Ratio Lower Upper
 152 100
 115 64.6 45.0 135.0
 150 156.2 0.0 352.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.622 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035631.D
 Acq: 12 May 2023 12:34

Tgt Ion:105 Resp: 6601
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.7 71.1





#89
 n-Butylbenzene
 Concen: 0.275 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035631.D
 Acq: 12 May 2023 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 50033

Tgt Ion: 91	Resp:	2666
Ion	Ratio	Lower Upper
91	100	
92	38.4	27.7 83.0
134	64.3	13.0 38.9#

