

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036239.D
 Acq On : 20 Jun 2023 13:43
 Operator : JC/MD
 Sample : 03291-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 02:01:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

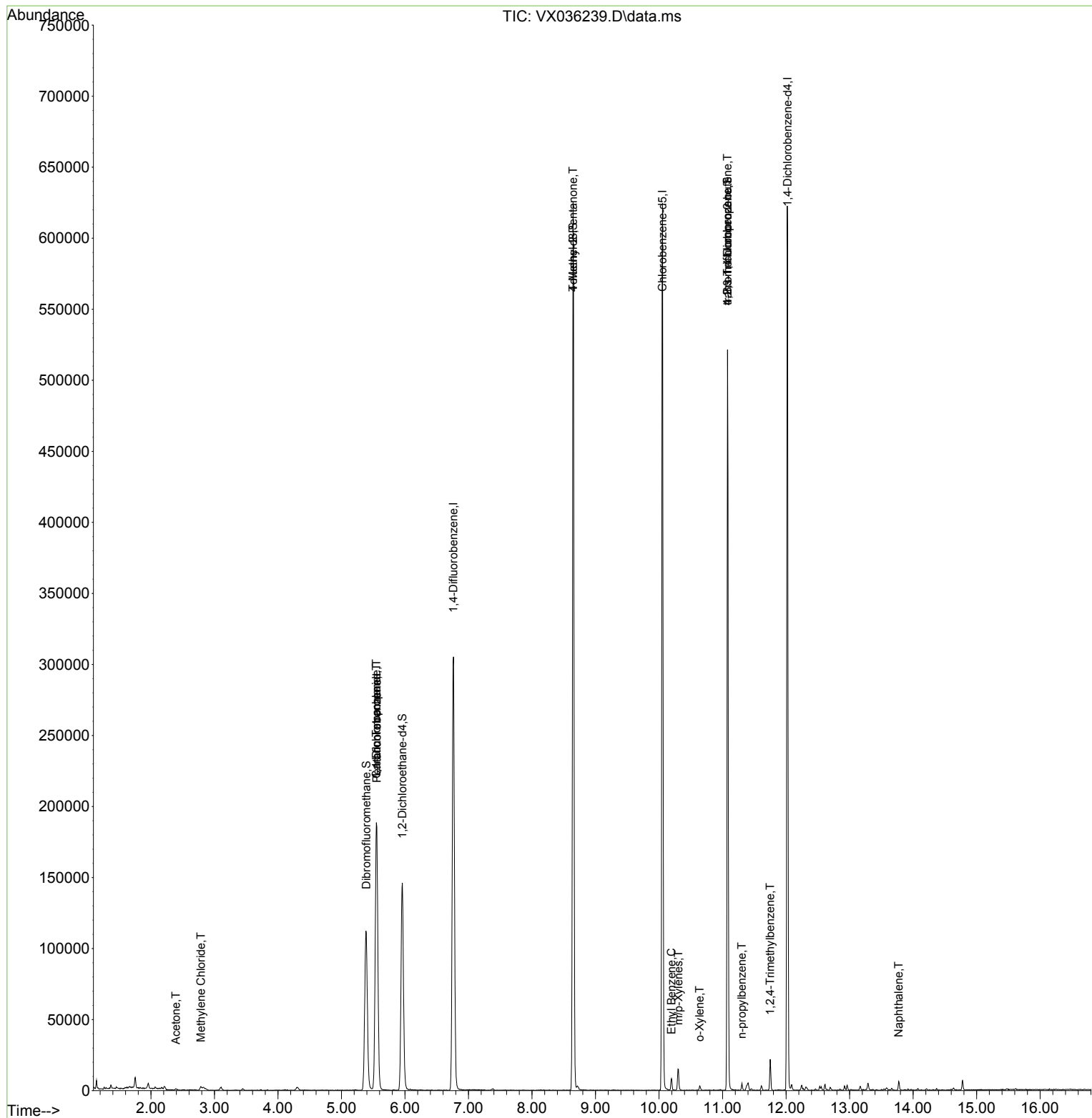
Internal Standards						
1) Pentafluorobenzene	5.556	168	162585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150420	50.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.260%	
35) Dibromofluoromethane	5.391	113	97500	49.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.760%	
50) Toluene-d8	8.647	98	346880	48.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	11.079	95	135124	46.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1250	1.013	ug/l #	86
20) Methylene Chloride	2.788	84	679	0.304	ug/l	90
36) 1,1-Dichloropropene	5.550	75	15793	5.430	ug/l #	51
38) Carbon Tetrachloride	5.550	117	18105	6.404	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1983	0.606	ug/l #	1
67) Ethyl Benzene	10.195	91	4780	0.496	ug/l #	85
68) m/p-Xylenes	10.305	106	3394	0.933	ug/l	90
69) o-Xylene	10.640	106	786	0.219	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	76788	27.531	ug/l #	39
78) n-propylbenzene	11.305	91	2695	0.263	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	76788	96.363	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	9172	1.238	ug/l	98
95) Naphthalene	13.774	128	4158	0.556	ug/l	95

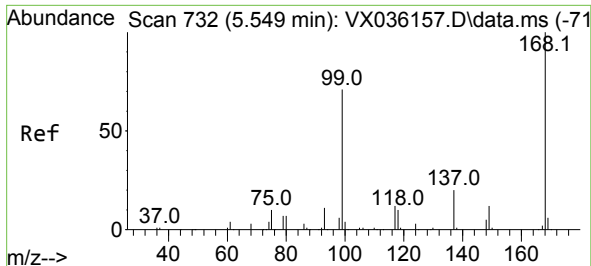
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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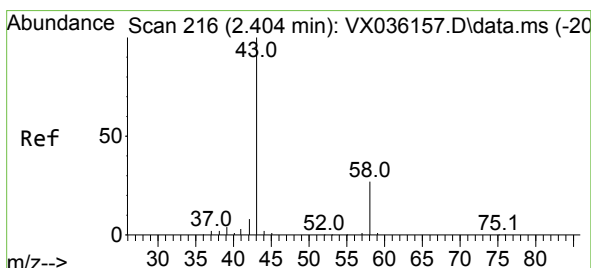
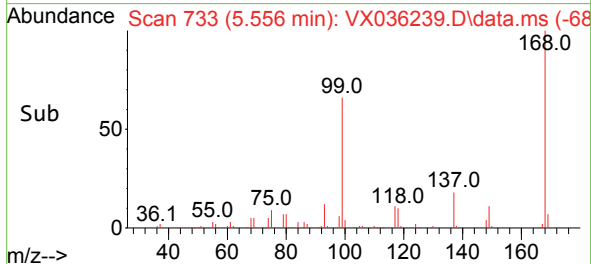
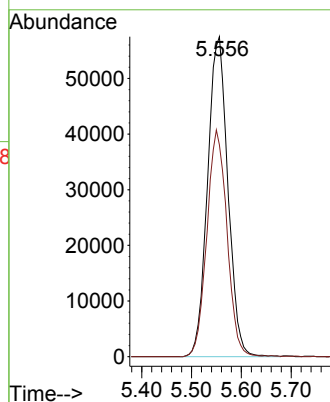
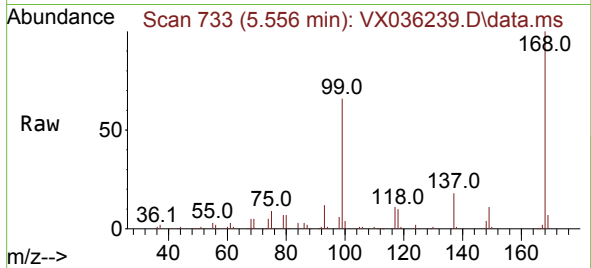




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

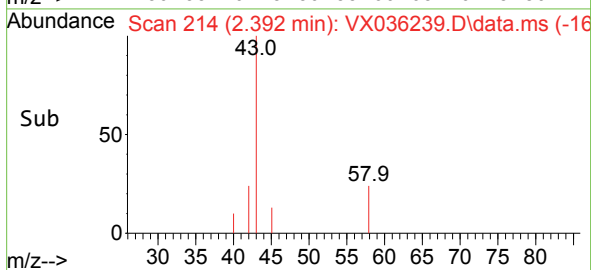
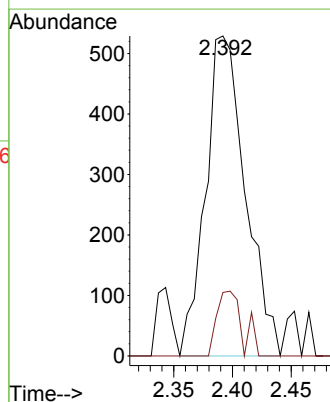
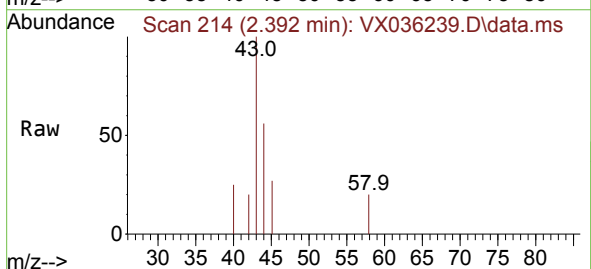
Instrument :
MSVOA_X
ClientSampleId :
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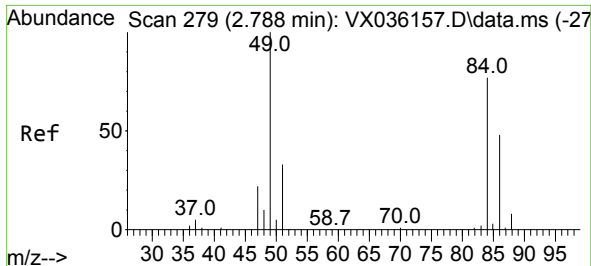
Tgt Ion:168 Resp: 162585
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#16
Acetone
Concen: 1.013 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 19.8 21.9 32.9#

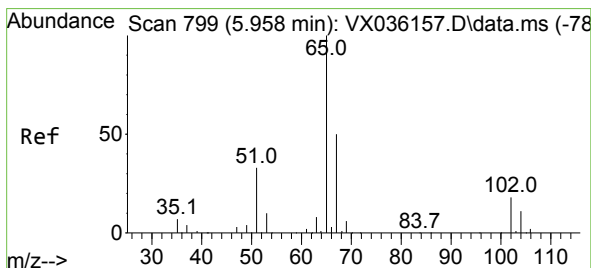
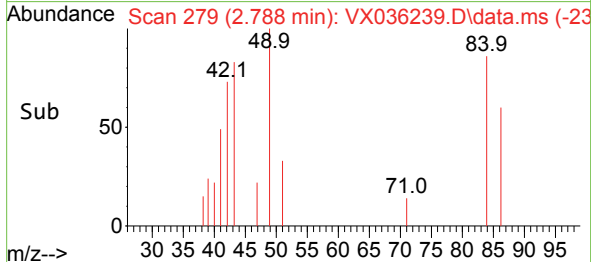
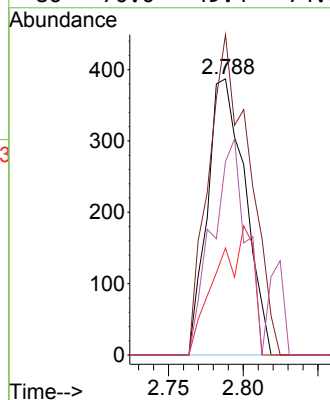
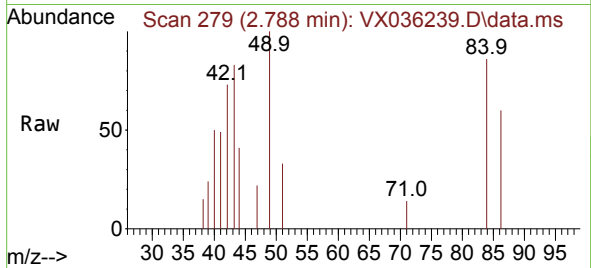




#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

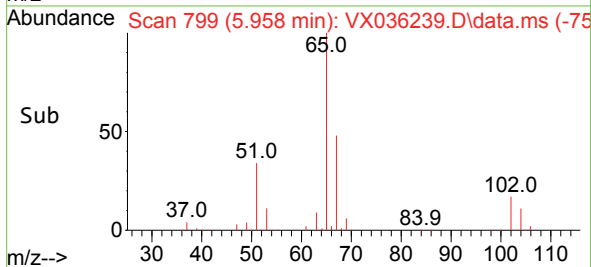
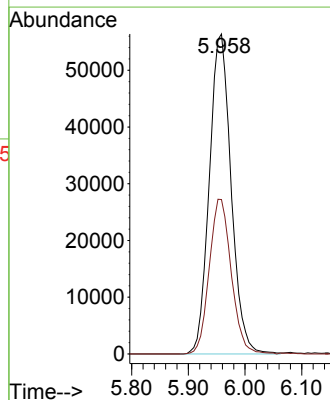
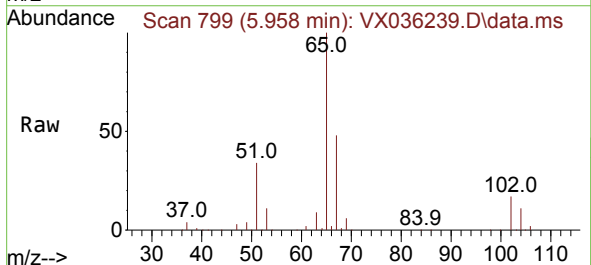
Instrument :
MSVOA_X
ClientSampleId :
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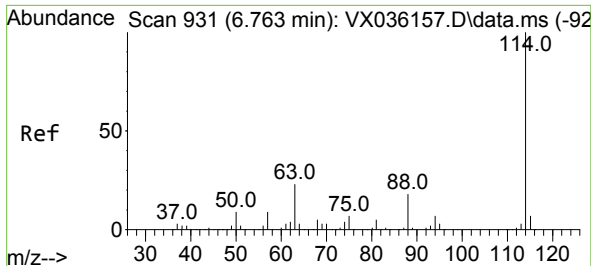
Tgt Ion:	84	Resp:	679
Ion	Ratio	Lower	Upper
84	100		
49	116.0	103.6	155.4
51	38.8	33.8	50.6
86	70.0	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 50.627 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion:	65	Resp:	150420
Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	100.2

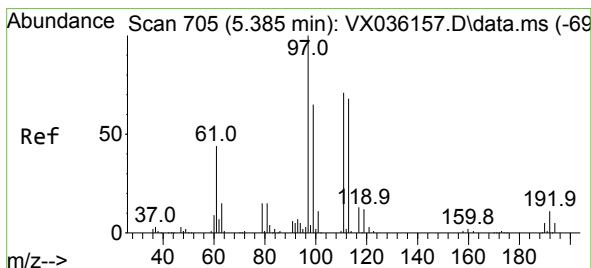
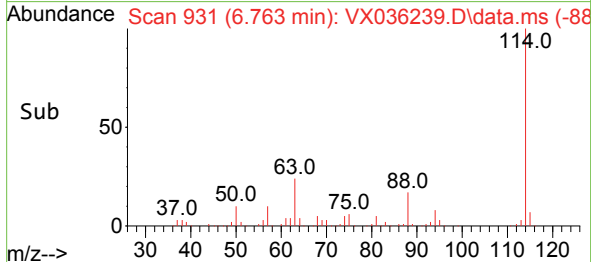
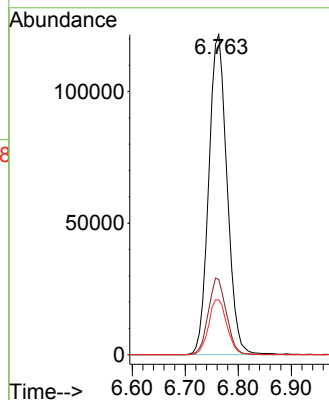
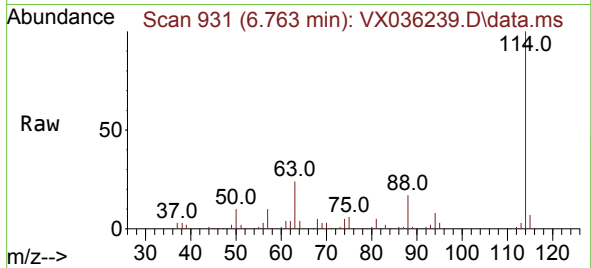




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

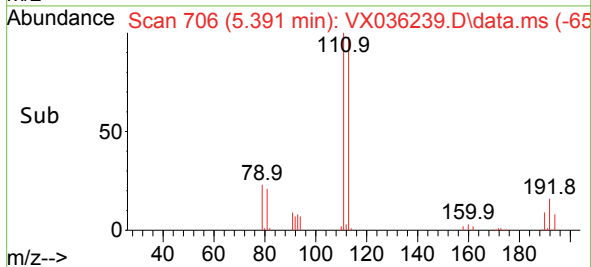
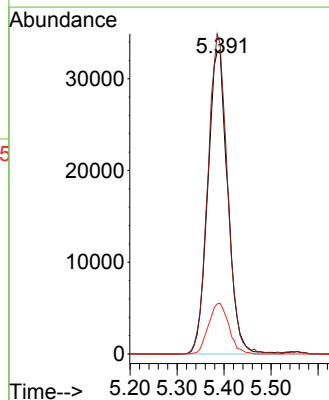
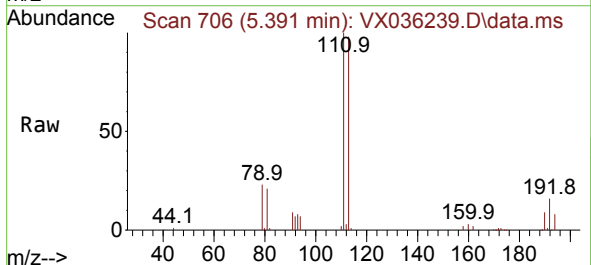
Instrument :
MSVOA_X
ClientSampleId :
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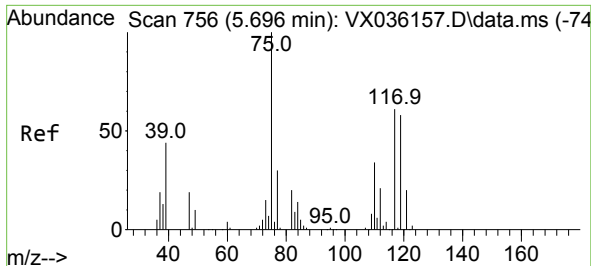
Tgt Ion:114 Resp: 291152
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion:113 Resp: 97500
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.0 13.3 19.9

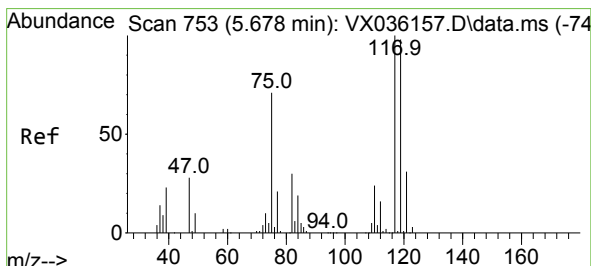
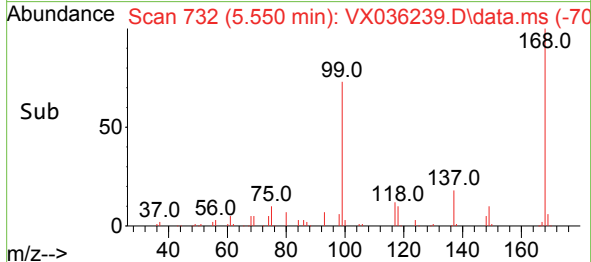
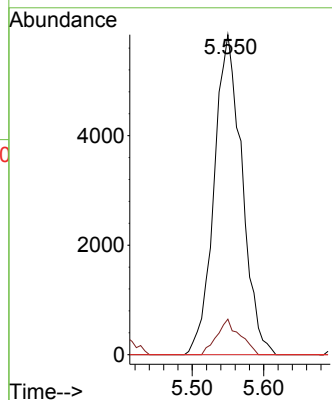
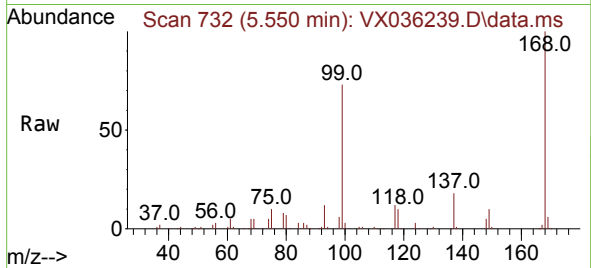




#36
1,1-Dichloropropene
Concen: 5.430 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

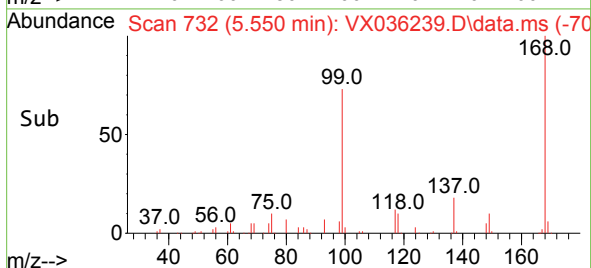
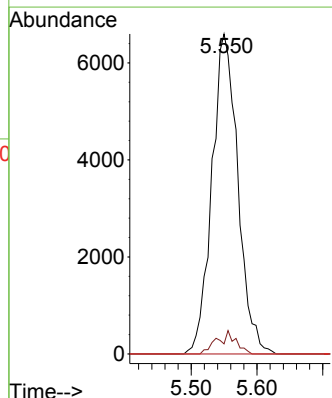
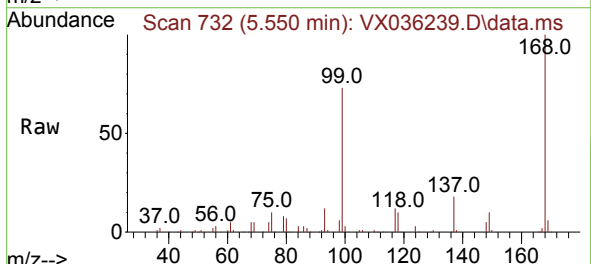
Instrument :
MSVOA_X
ClientSampleId :
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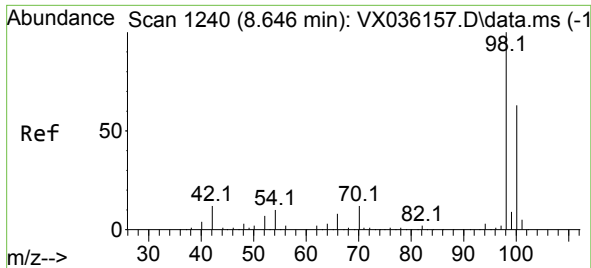
Tgt Ion: 75 Resp: 15793
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 117 Resp: 18105
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

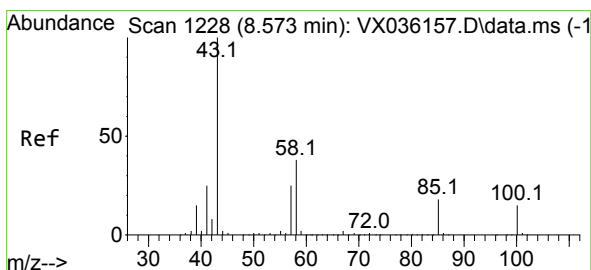
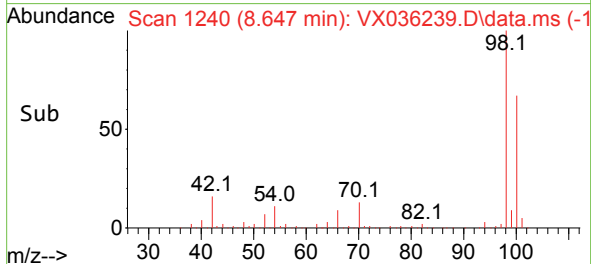
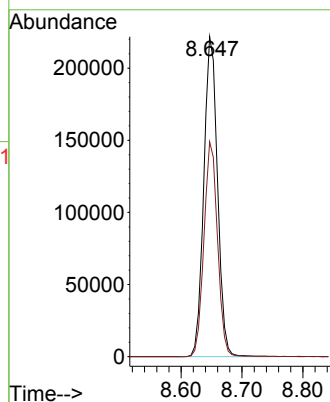
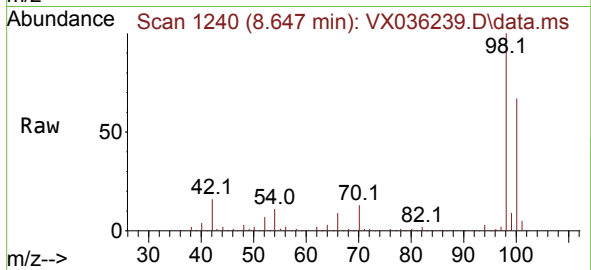




#50
Toluene-d8
Concen: 48.031 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

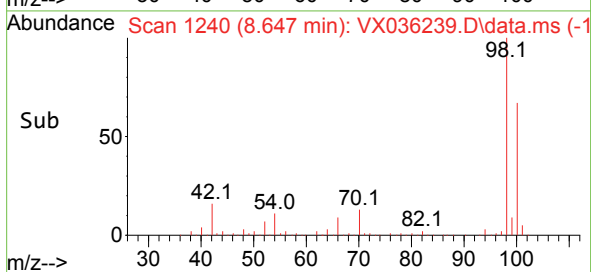
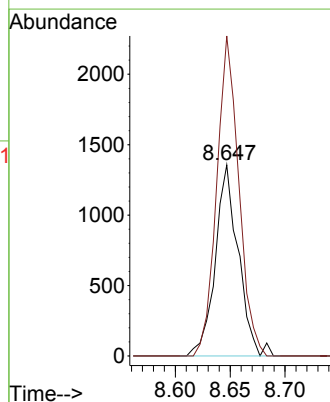
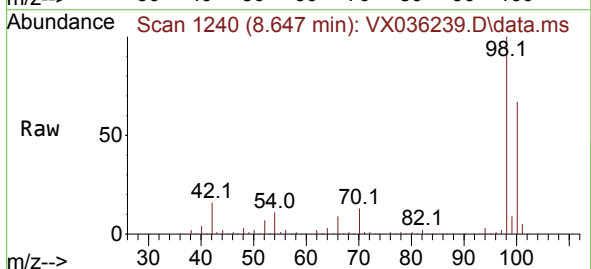
Instrument :
MSVOA_X
ClientSampleId :
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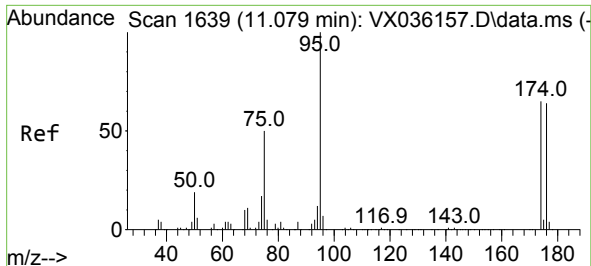
Tgt Ion: 98 Resp: 346880
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 160.9 30.4 45.6#

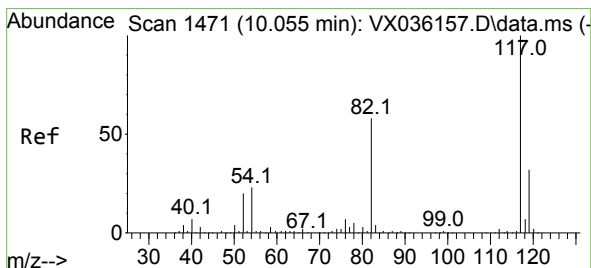
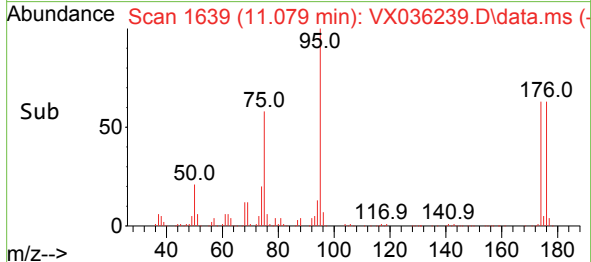
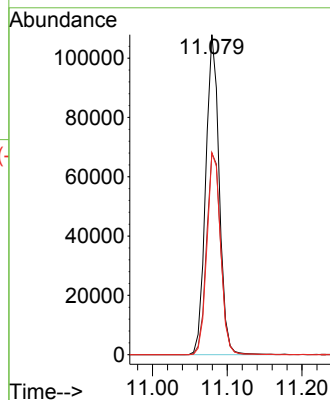
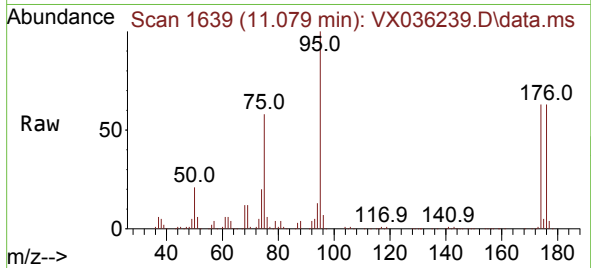




#62
4-Bromofluorobenzene
Concen: 46.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

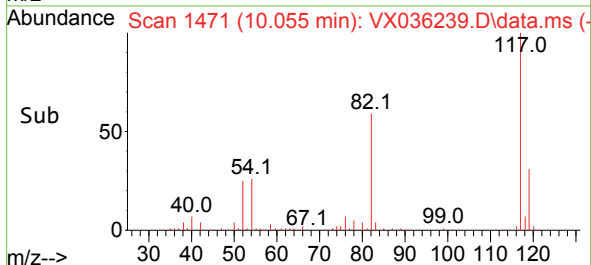
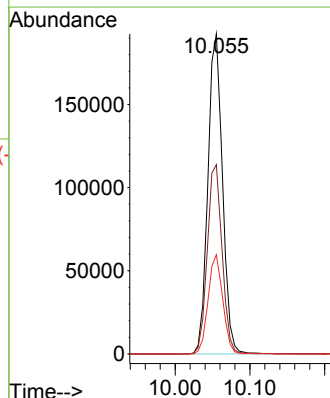
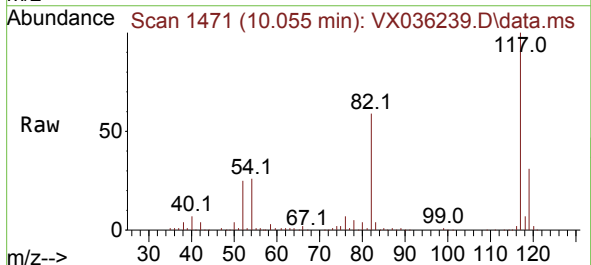
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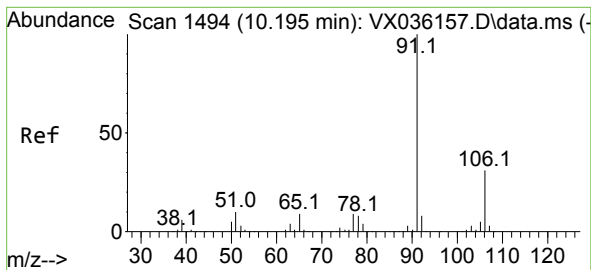
Tgt Ion: 95 Resp: 135124
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 117 Resp: 260583
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 31.0 25.5 38.3





#67

Ethyl Benzene

Concen: 0.496 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036239.D

Acq: 20 Jun 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

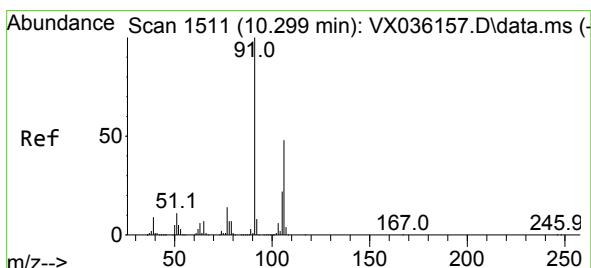
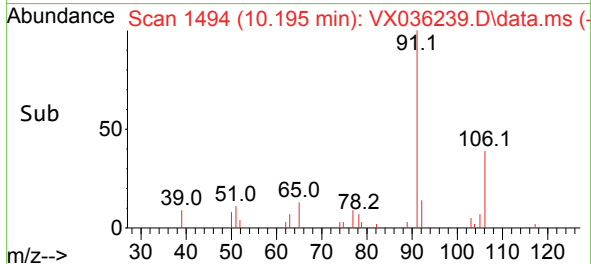
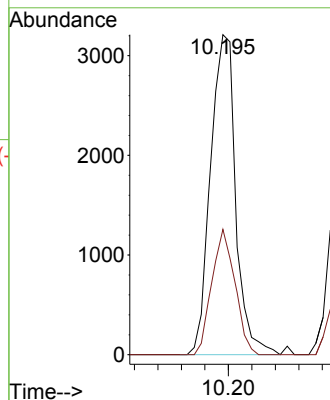
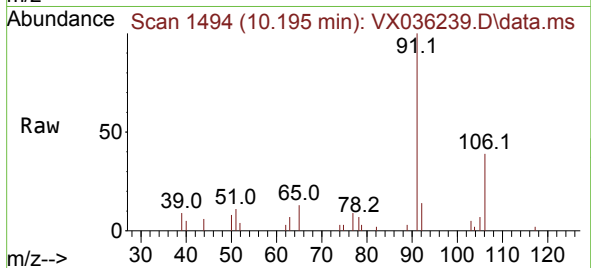
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Tgt Ion: 91 Resp: 4780

Ion Ratio Lower Upper

91 100

106 39.2 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.933 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036239.D

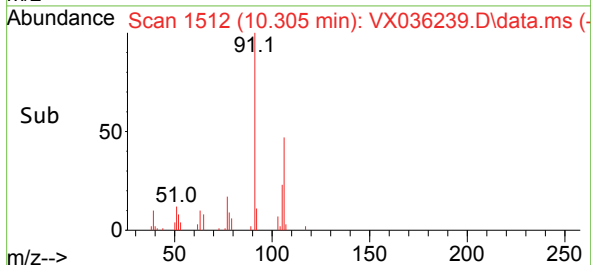
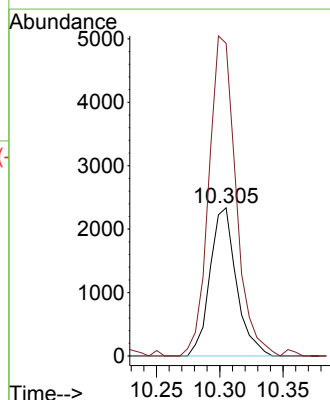
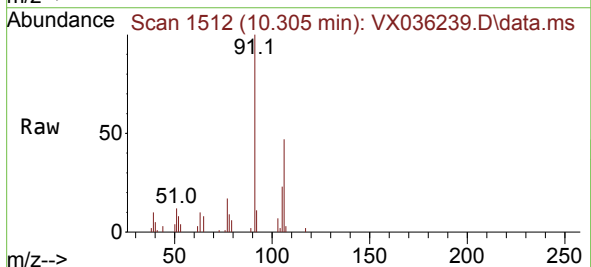
Acq: 20 Jun 2023 13:43

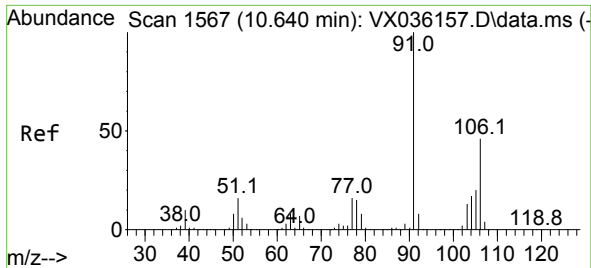
Tgt Ion: 106 Resp: 3394

Ion Ratio Lower Upper

106 100

91 221.8 165.5 248.3

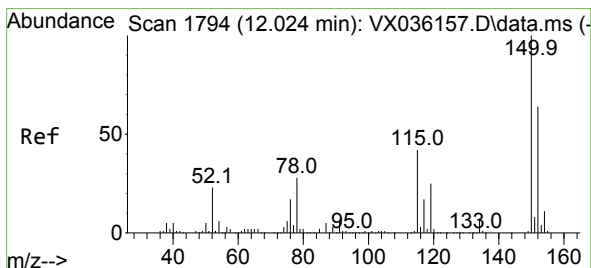
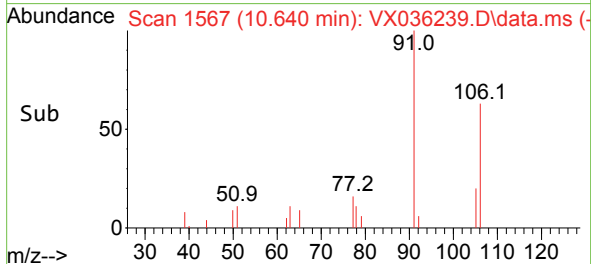
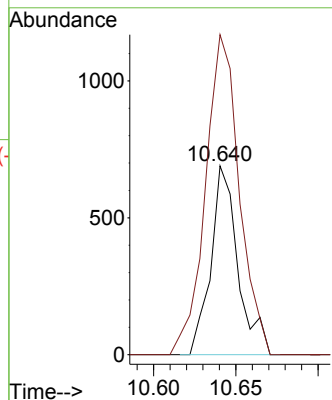
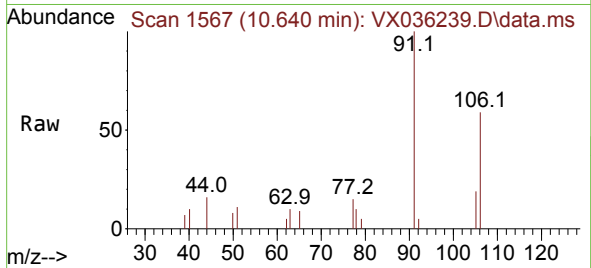




#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

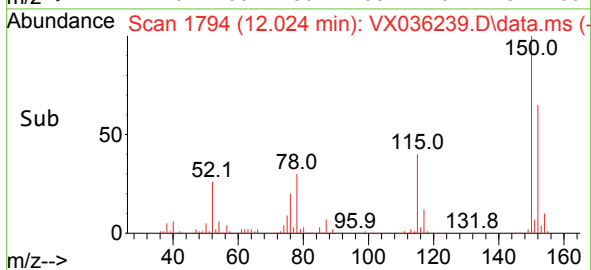
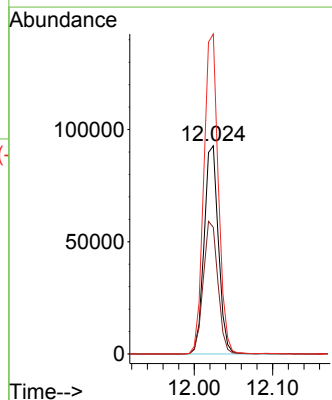
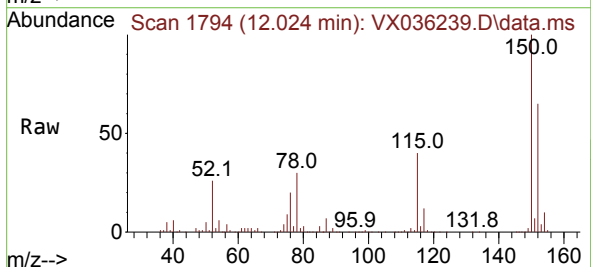
Instrument :
MSVOA_X
ClientSampleId :
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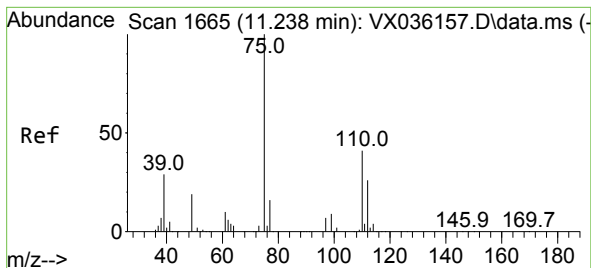
Tgt Ion:106 Resp: 786
Ion Ratio Lower Upper
106 100
91 212.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion:152 Resp: 117525
Ion Ratio Lower Upper
152 100
115 65.1 43.3 129.9
150 156.3 0.0 345.0

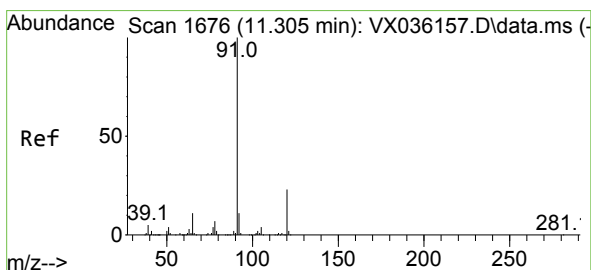
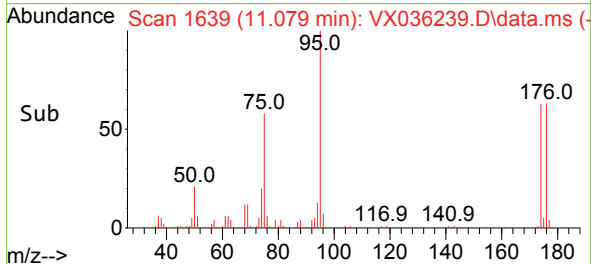
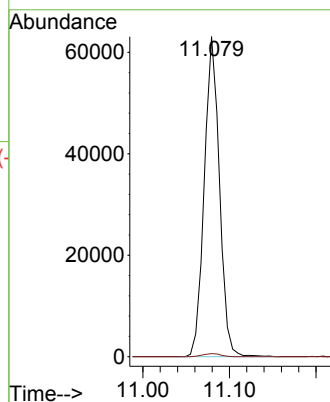
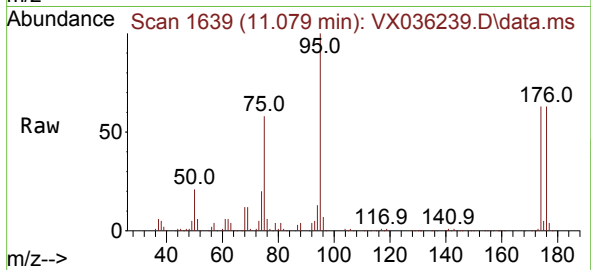




#76
1,2,3-Trichloropropane
Concen: 27.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

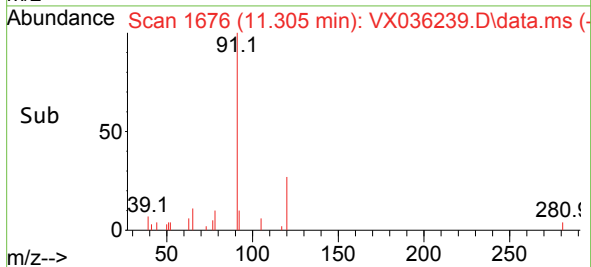
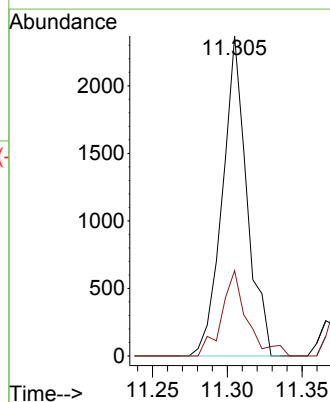
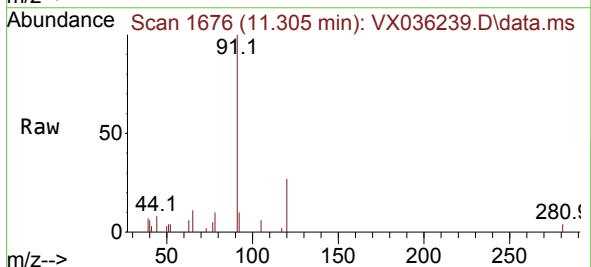
Instrument :
MSVOA_X
ClientSampleId :
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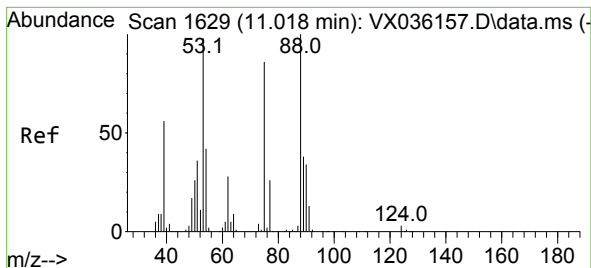
Tgt Ion: 75 Resp: 76788
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#78
n-propylbenzene
Concen: 0.263 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 91 Resp: 2695
Ion Ratio Lower Upper
91 100
120 27.5 11.5 34.4

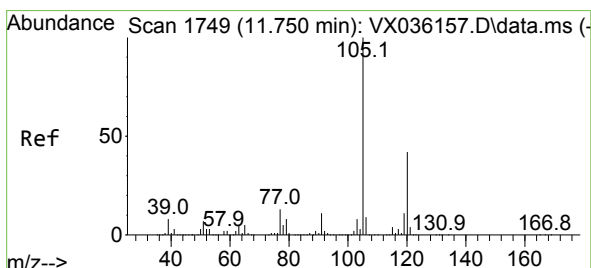
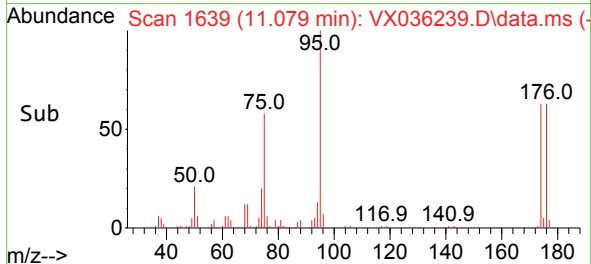
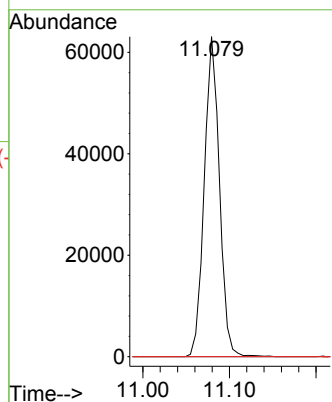
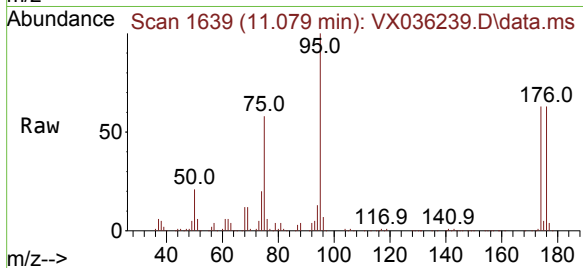




#81
trans-1,4-Dichloro-2-butene
Concen: 96.363 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

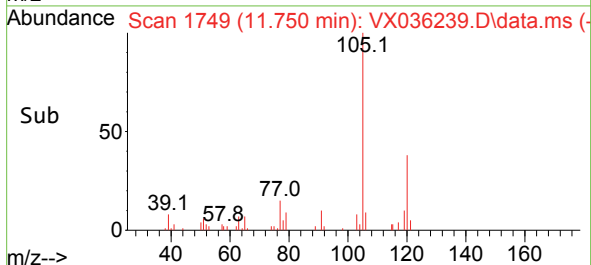
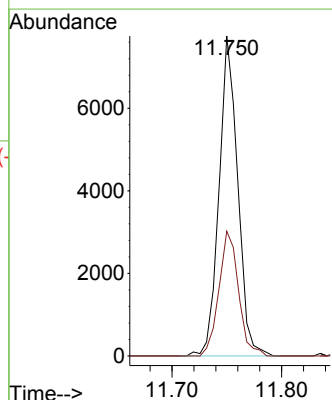
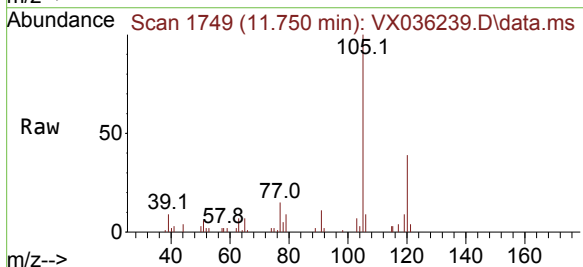
Instrument :
MSVOA_X
ClientSampleId :
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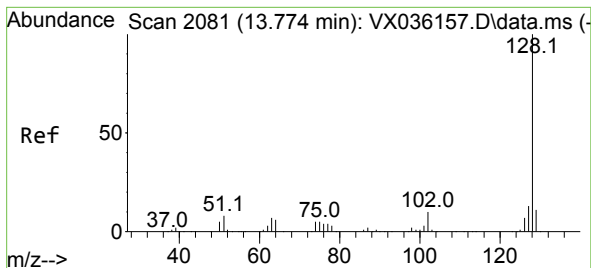
Tgt Ion: 75 Resp: 76788
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.238 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036239.D
Acq: 20 Jun 2023 13:43

Tgt Ion: 105 Resp: 9172
Ion Ratio Lower Upper
105 100
120 41.0 21.2 63.6





#95

Naphthalene

Concen: 0.556 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX036239.D

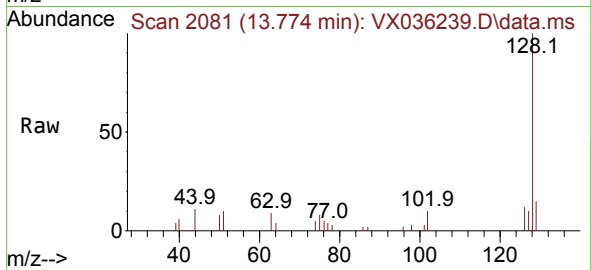
Acq: 20 Jun 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion:128 Resp: 4158

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 13.1 8.8 13.2

