

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034747.D
 Acq On : 27 Mar 2023 13:53
 Operator : JC/MD
 Sample : 02100-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB08

Quant Time: Mar 28 03:19:16 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)

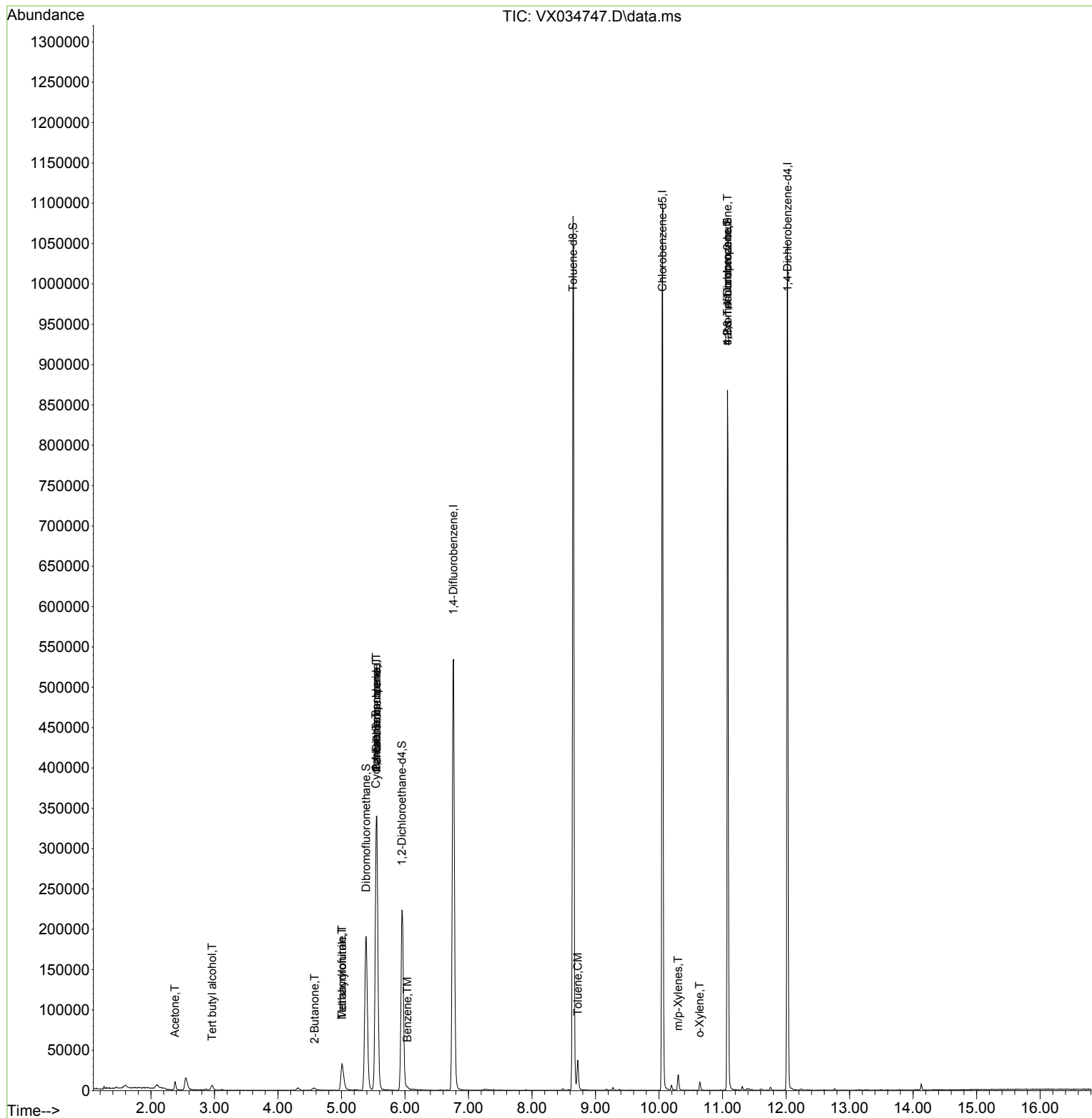
Internal Standards						
1) Pentafluorobenzene	5.556	168	316572	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	534829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	226285	49.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.385	113	166846	47.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.646	98	641906	48.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	244356	45.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	419	Below Cal	#	75
11) Tert butyl alcohol	2.965	59	8476	8.838	ug/l	97
16) Acetone	2.379	43	10613	4.892	ug/l	92
25) 2-Butanone	4.574	43	694	0.224	ug/l #	51
29) Tetrahydrofuran	5.007	42	32280	16.853	ug/l	100
31) Cyclohexane	5.543	56	7450	1.153	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	26345	4.857	ug/l #	51
38) Carbon Tetrachloride	5.549	117	35327	6.547	ug/l #	17
40) Benzene	6.037	78	3314	0.209	ug/l #	88
41) Methacrylonitrile	5.007	41	19090	5.879	ug/l #	47
52) Toluene	8.720	92	13587	1.383	ug/l	99
68) m/p-Xylenes	10.299	106	4925	0.686	ug/l	92
69) o-Xylene	10.640	106	2440	0.339	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	126248	25.757	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	126248	69.680	ug/l #	8

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

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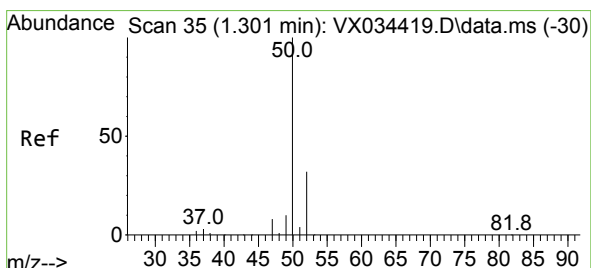
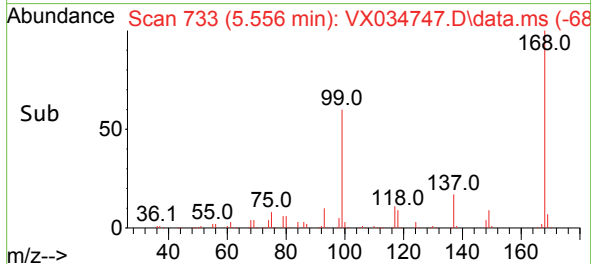
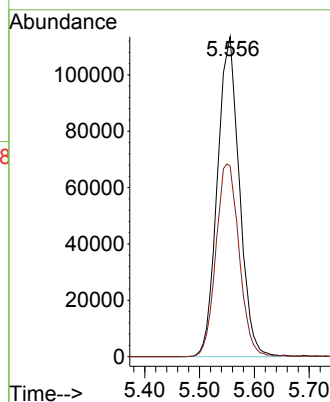
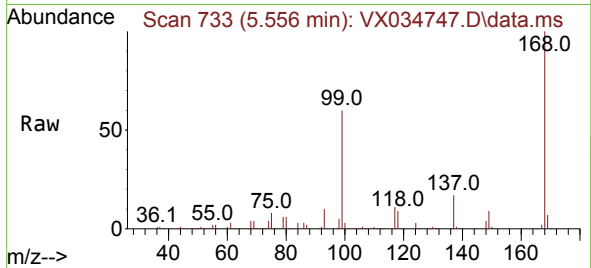




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

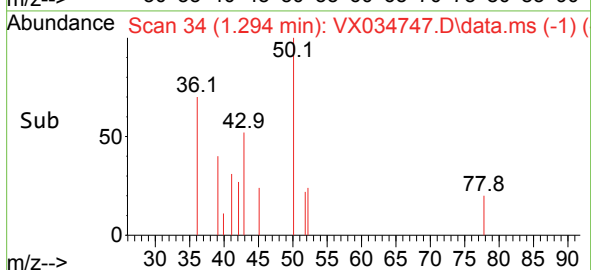
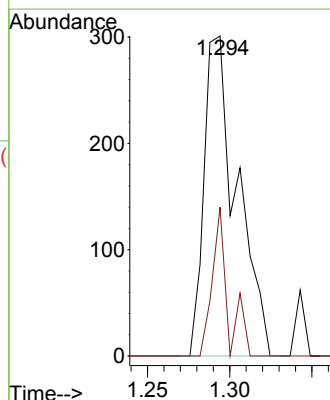
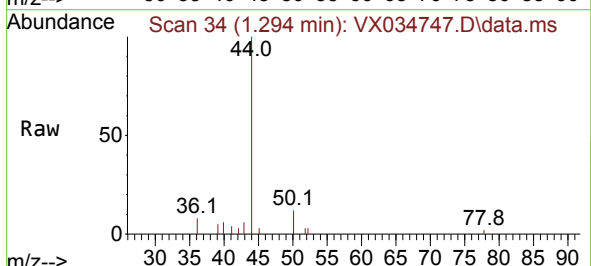
Instrument :
MSVOA_X
ClientSampleId :
TB08

Tgt Ion:168 Resp: 316572
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 50 Resp: 419
Ion Ratio Lower Upper
50 100
52 46.5 25.9 38.9#

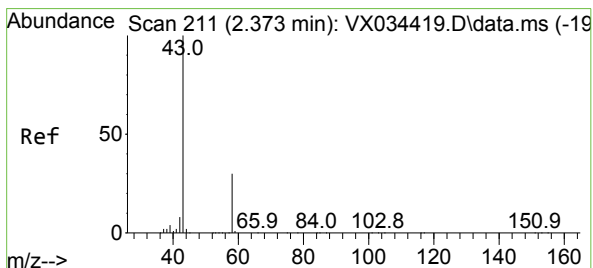
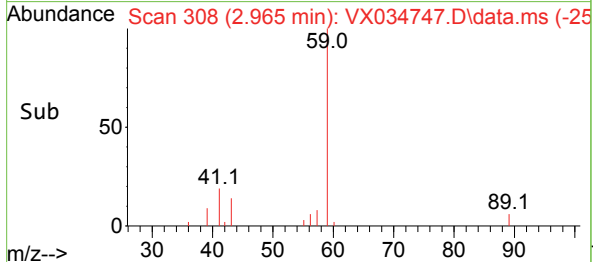
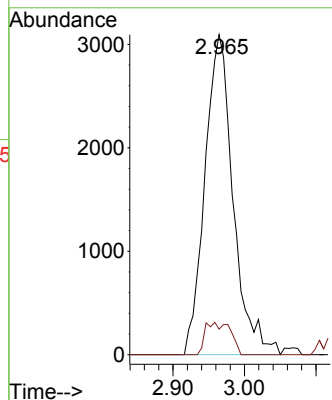
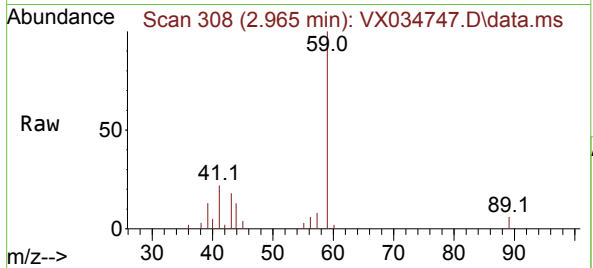




#11
Tert butyl alcohol
Concen: 8.838 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

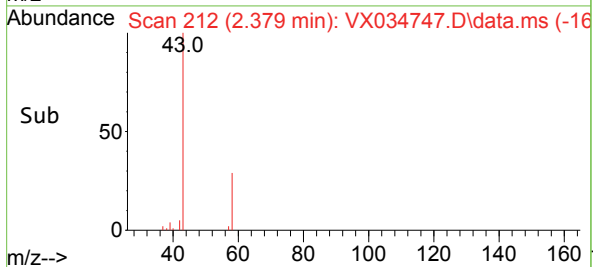
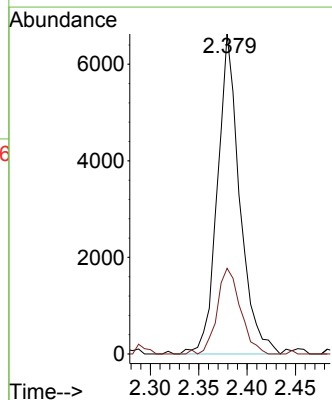
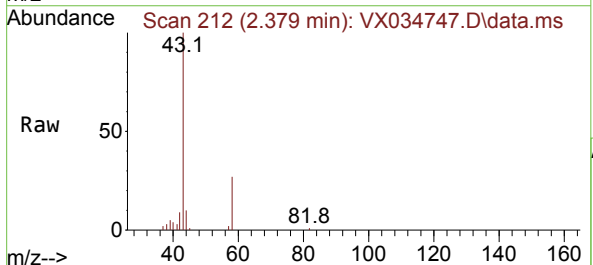
Instrument :
MSVOA_X
ClientSampleId :
TB08

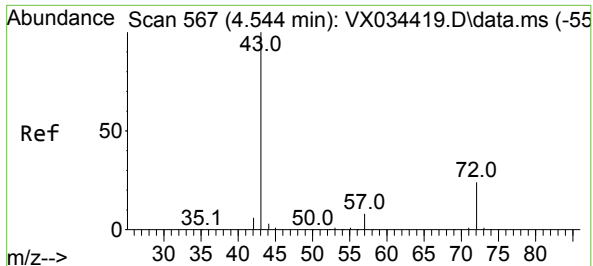
Tgt Ion: 59 Resp: 8476
Ion Ratio Lower Upper
59 100
57 9.0 8.1 12.1



#16
Acetone
Concen: 4.892 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 43 Resp: 10613
Ion Ratio Lower Upper
43 100
58 26.8 24.7 37.1

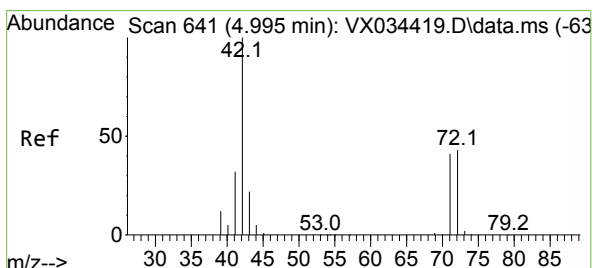
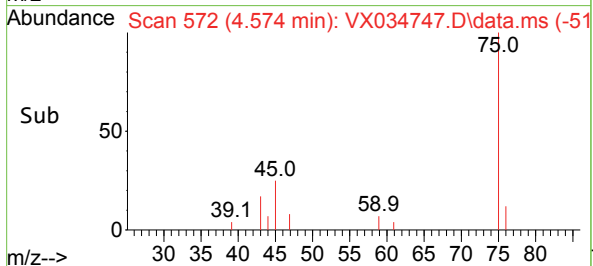
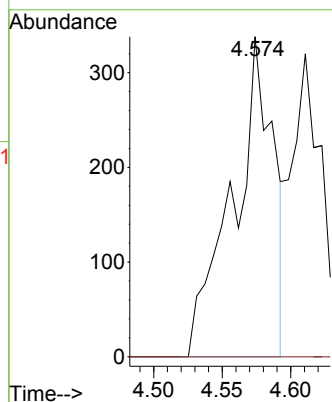
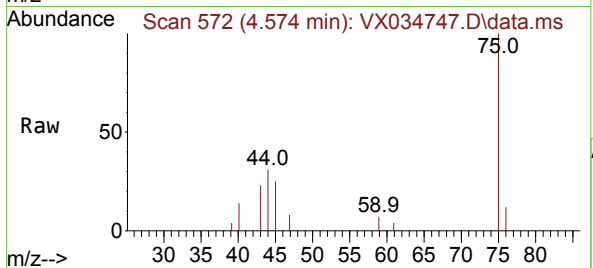




#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

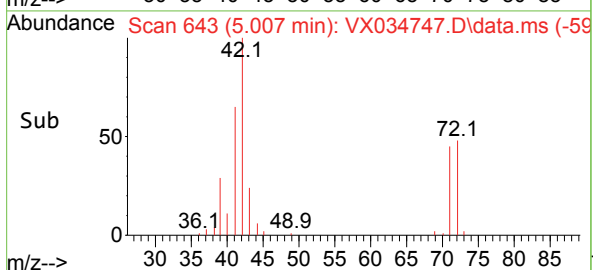
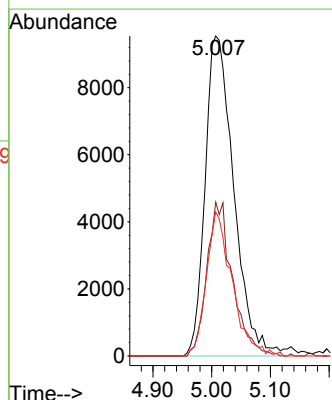
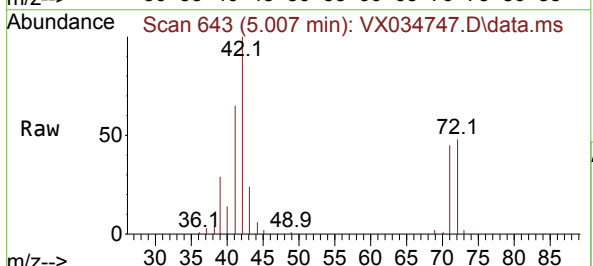
Instrument :
MSVOA_X
ClientSampleId :
TB08

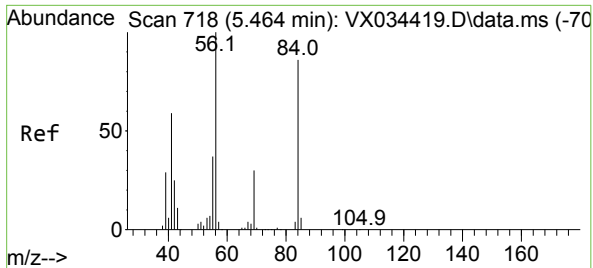
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 16.853 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 42 Resp: 32280
Ion Ratio Lower Upper
42 100
72 43.2 34.5 51.7
71 40.6 32.1 48.1

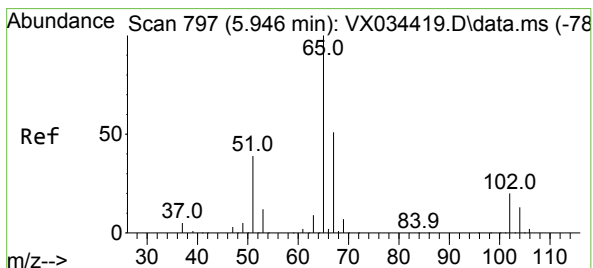
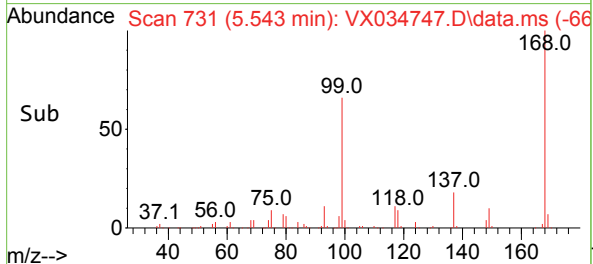
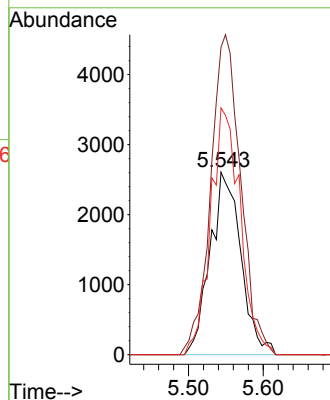
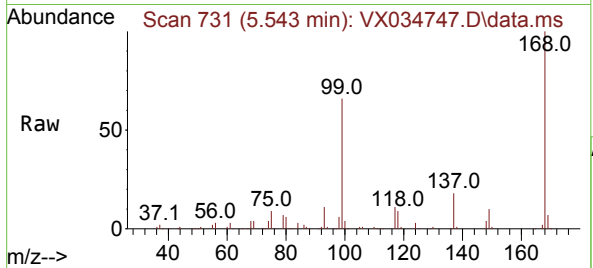




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

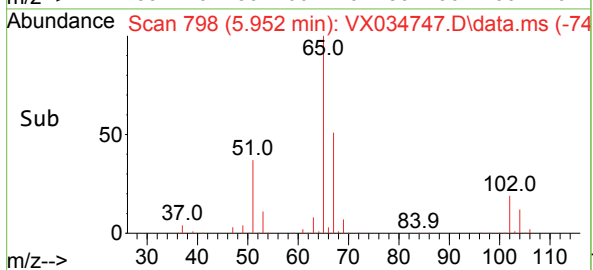
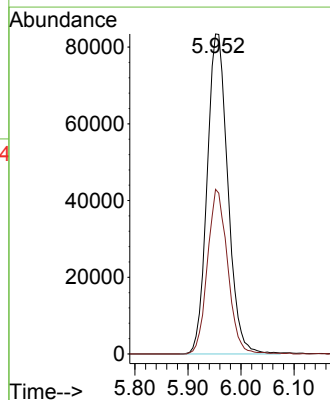
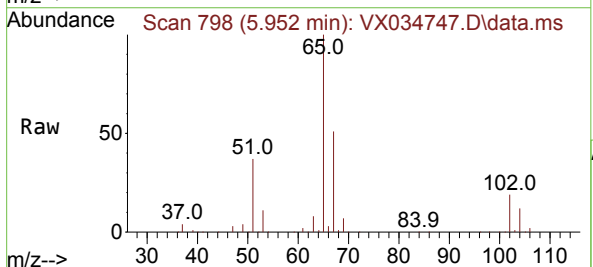
Instrument :
MSVOA_X
ClientSampleId :
TB08

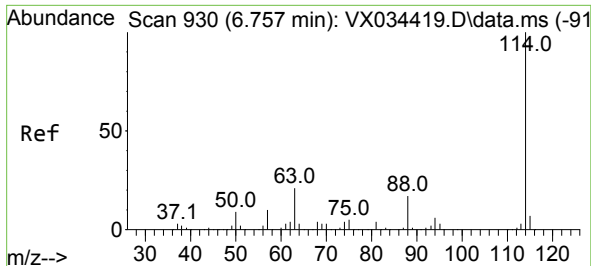
Tgt Ion: 56 Resp: 7450
Ion Ratio Lower Upper
56 100
69 168.5 23.7 35.5#
84 135.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.134 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 65 Resp: 226285
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

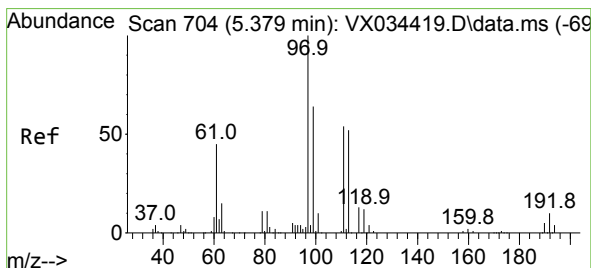
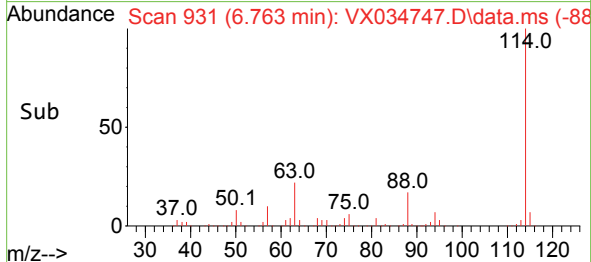
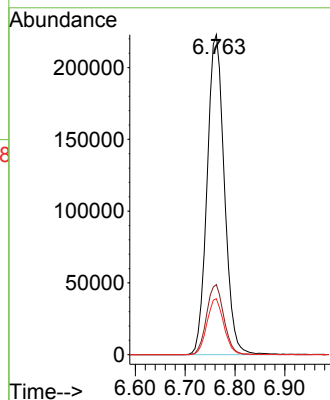
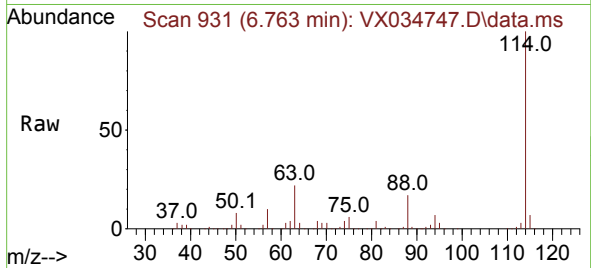




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

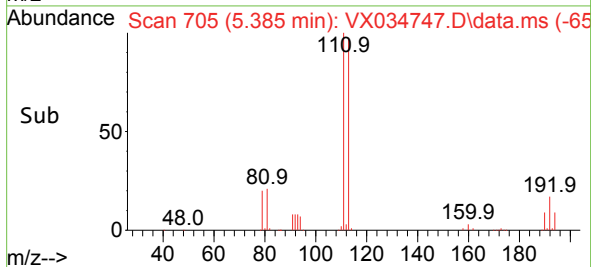
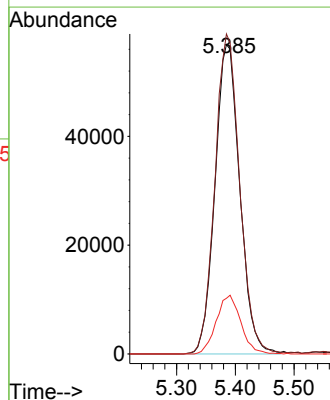
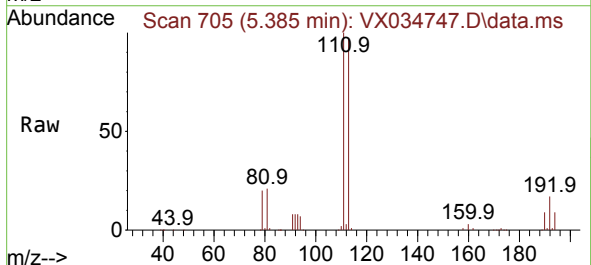
Instrument :
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ClientSampleId :
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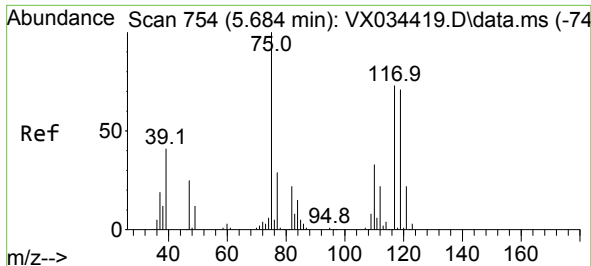
Tgt Ion:114 Resp: 534829
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion:113 Resp: 166846
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX034747.D

Acq: 27 Mar 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

TB08

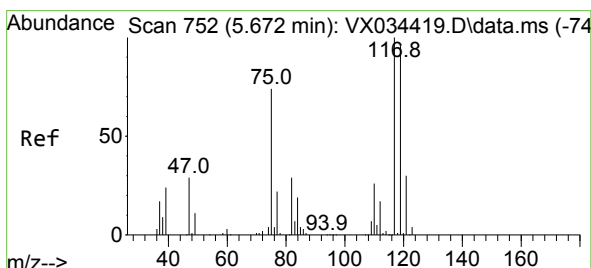
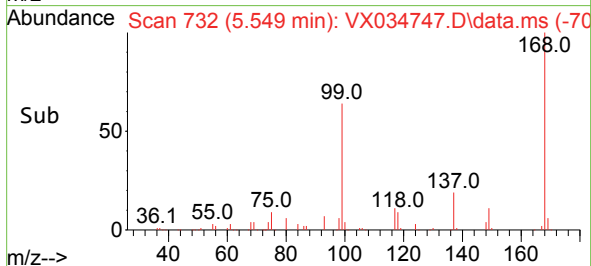
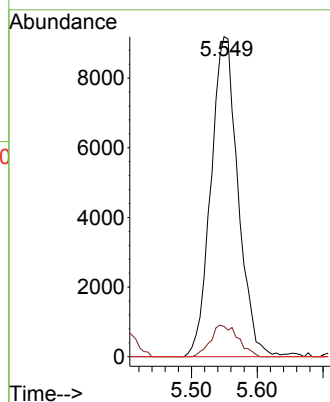
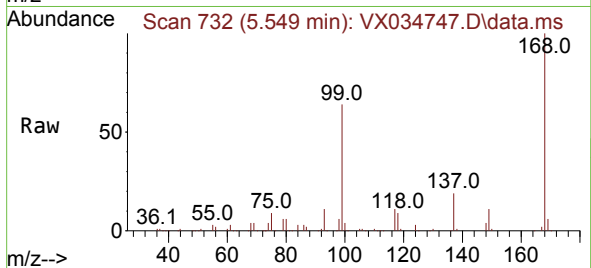
Tgt Ion: 75 Resp: 26345

Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.547 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034747.D

Acq: 27 Mar 2023 13:53

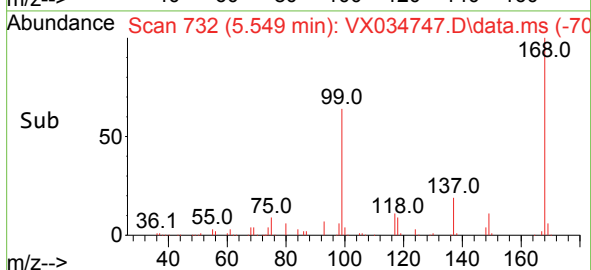
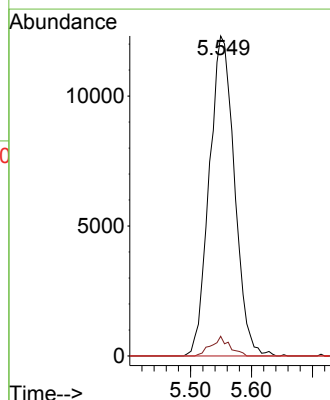
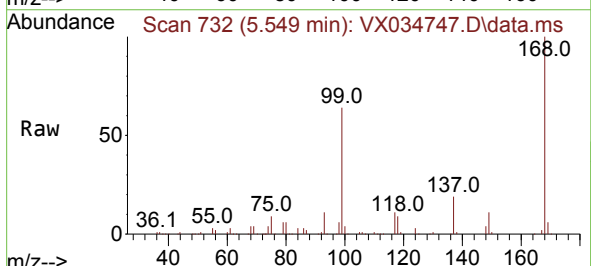
Tgt Ion: 117 Resp: 35327

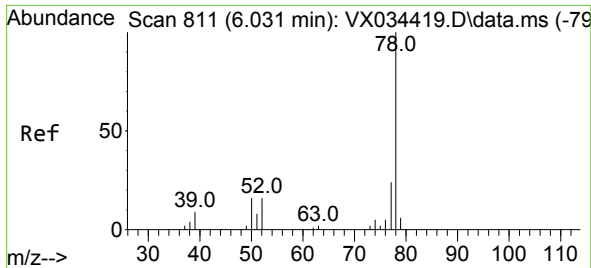
Ion Ratio Lower Upper

117 100

119 6.1 76.6 114.8#

121 0.0 23.8 35.6#

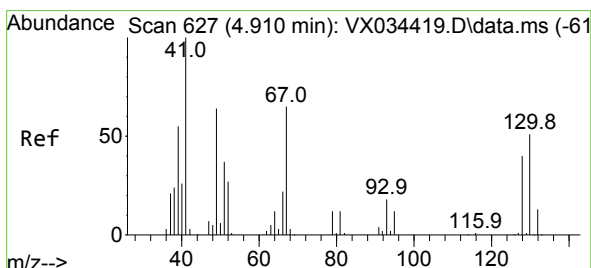
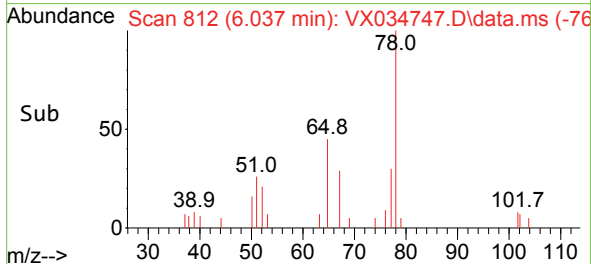
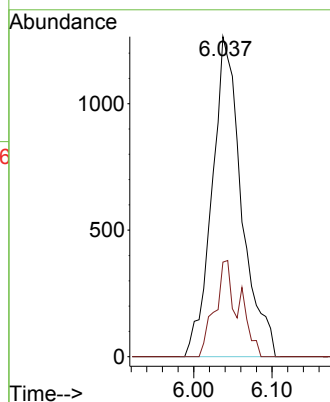
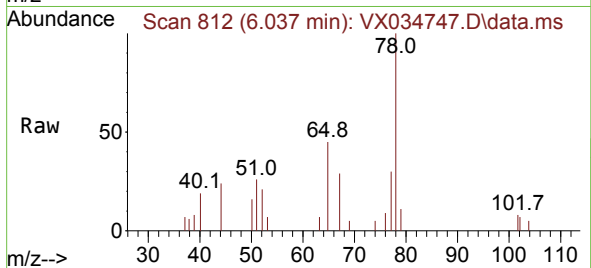




#40
Benzene
Concen: 0.209 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

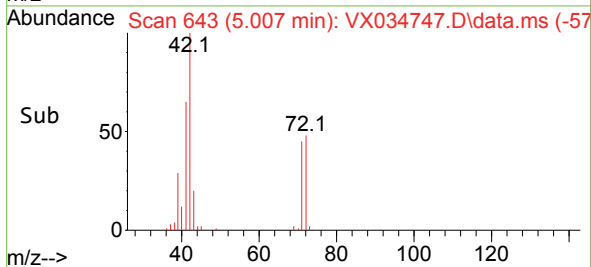
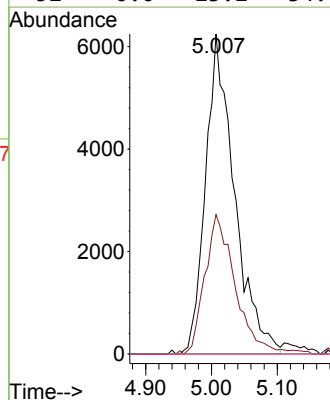
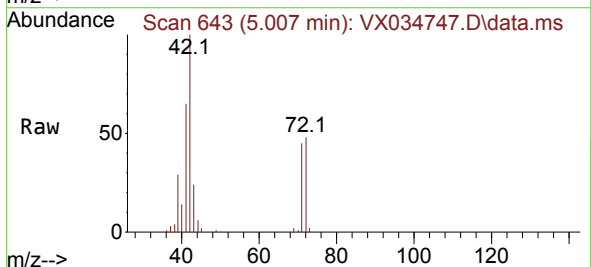
Instrument :
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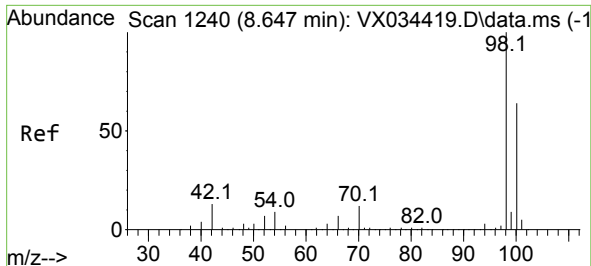
Tgt Ion: 78 Resp: 3314
Ion Ratio Lower Upper
78 100
77 29.6 19.0 28.4#



#41
Methacrylonitrile
Concen: 5.879 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.097 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 41 Resp: 19090
Ion Ratio Lower Upper
41 100
39 46.1 45.0 67.6
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

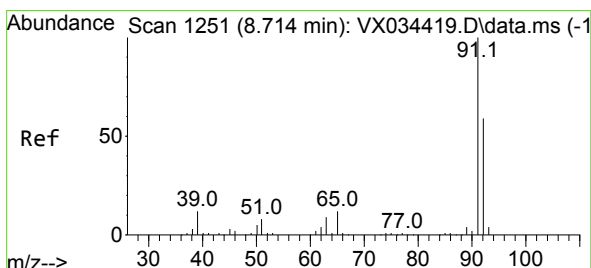
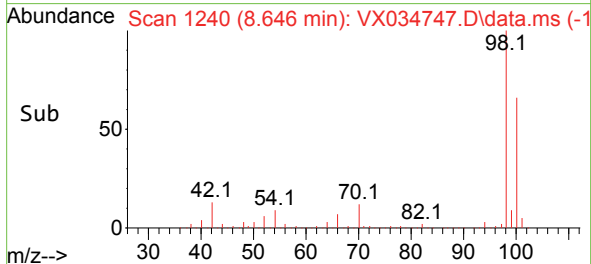
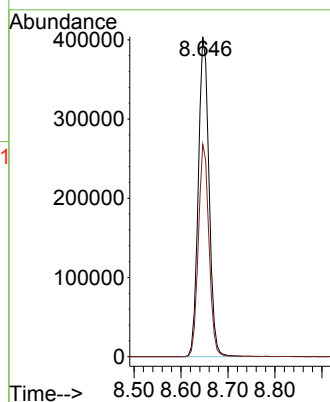
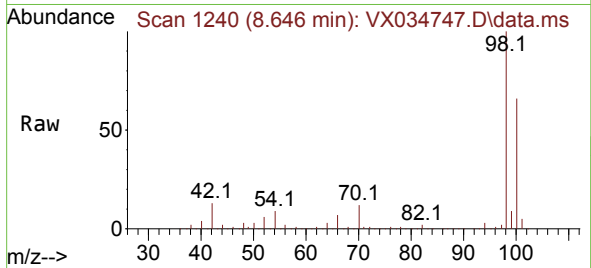




#50
Toluene-d8
Concen: 48.695 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

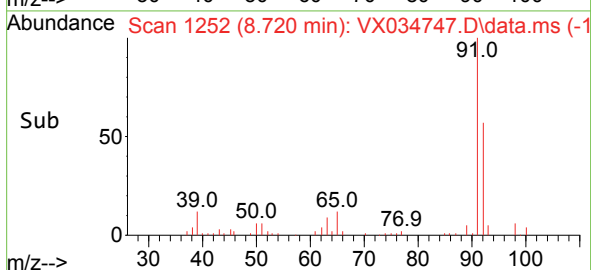
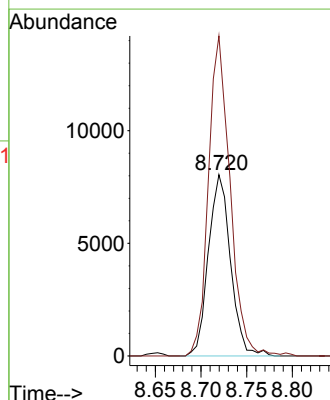
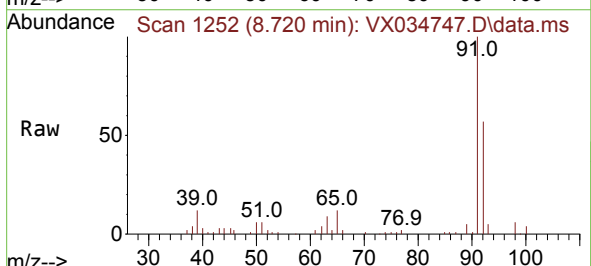
Instrument :
MSVOA_X
ClientSampleId :
TB08

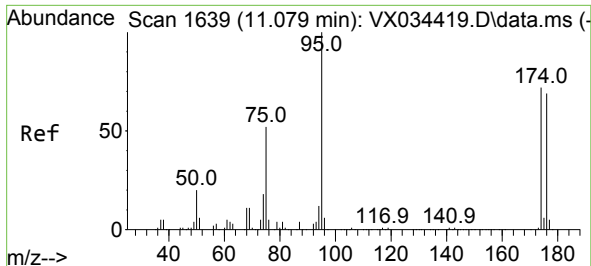
Tgt Ion: 98 Resp: 641906
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#52
Toluene
Concen: 1.383 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 92 Resp: 13587
Ion Ratio Lower Upper
92 100
91 172.6 136.8 205.2

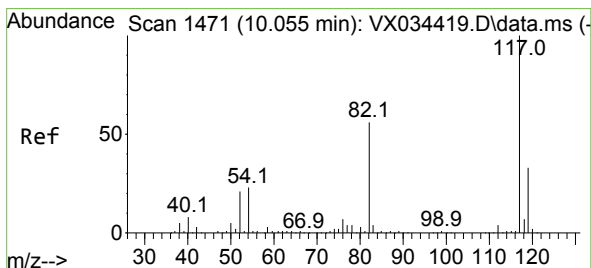
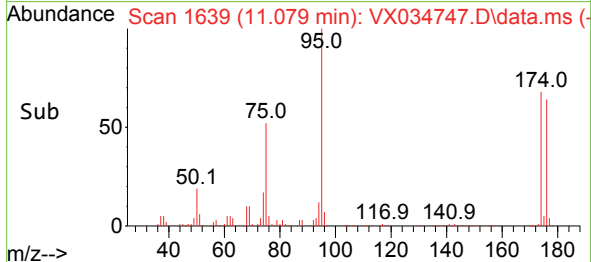
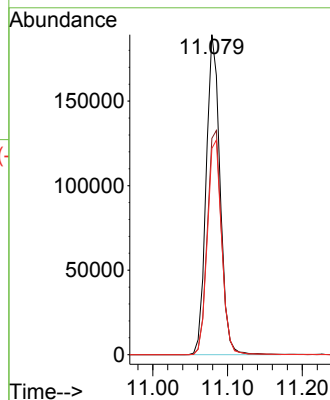
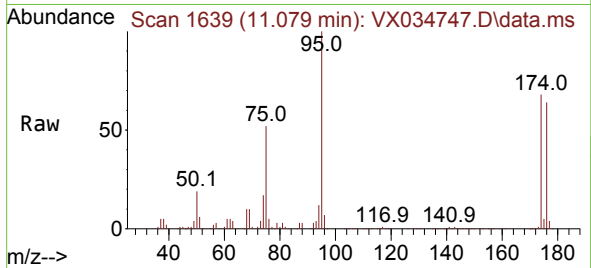




#62
4-Bromofluorobenzene
Concen: 45.892 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

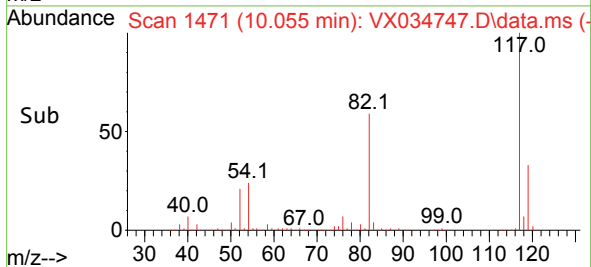
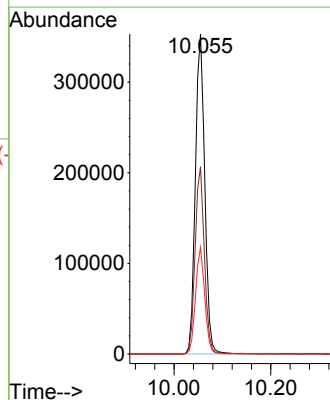
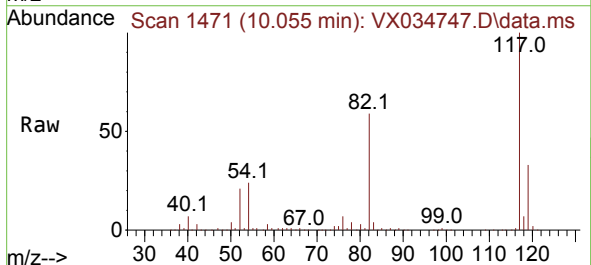
Instrument :
MSVOA_X
ClientSampleId :
TB08

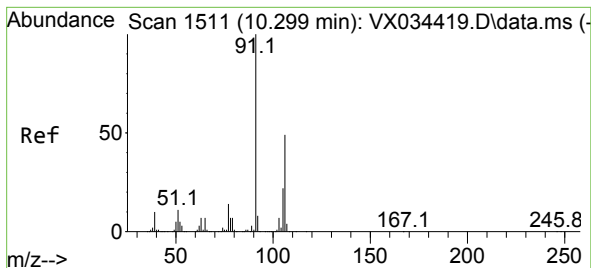
Tgt Ion: 95 Resp: 244356
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion: 117 Resp: 475605
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 33.2 26.0 39.0

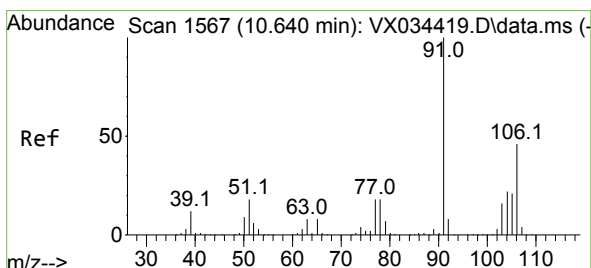
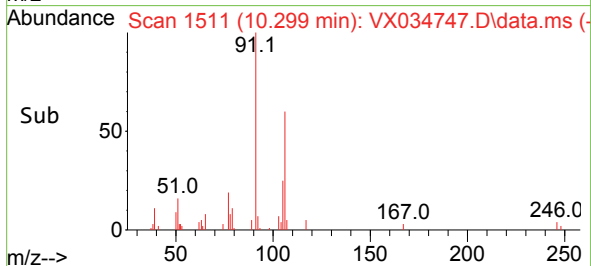
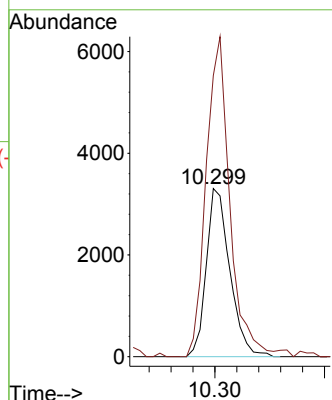
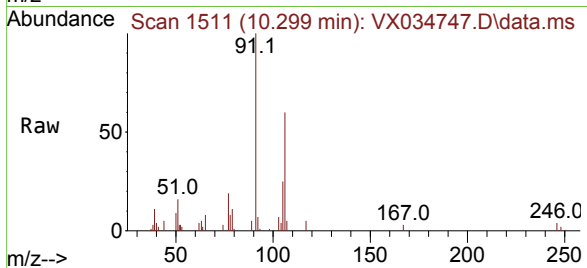




#68
m/p-Xylenes
Concen: 0.686 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

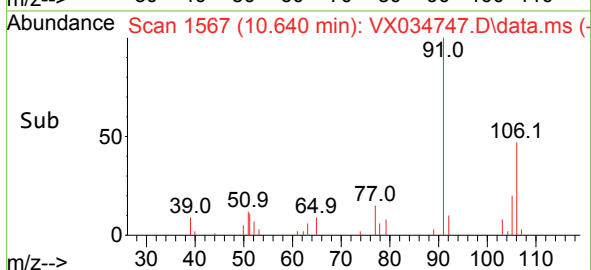
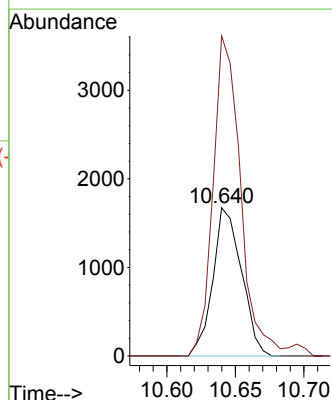
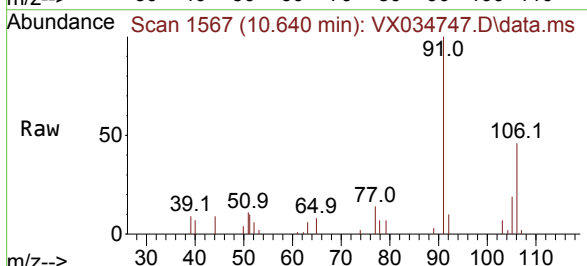
Instrument :
MSVOA_X
ClientSampleId :
TB08

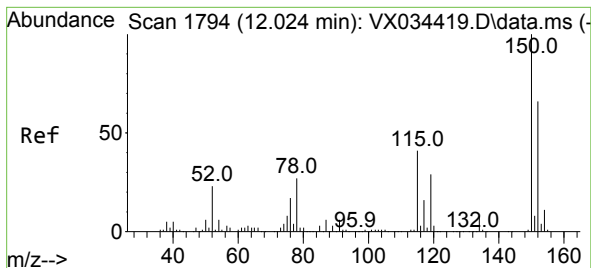
Tgt Ion:106 Resp: 4925
Ion Ratio Lower Upper
106 100
91 192.6 164.0 246.0



#69
o-Xylene
Concen: 0.339 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034747.D
Acq: 27 Mar 2023 13:53

Tgt Ion:106 Resp: 2440
Ion Ratio Lower Upper
106 100
91 209.9 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034747.D

Acq: 27 Mar 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

TB08

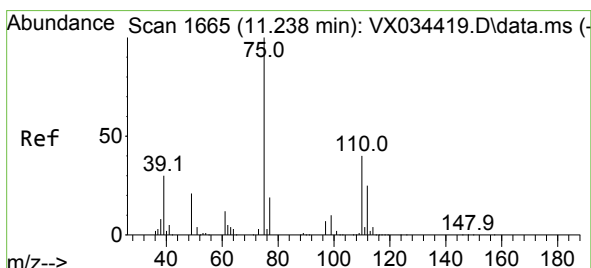
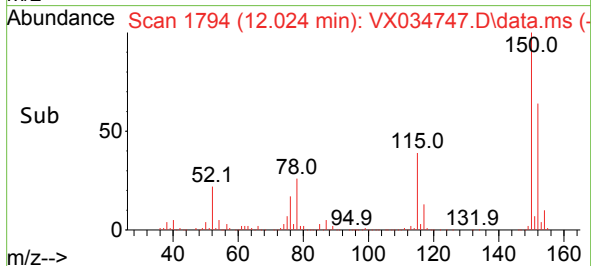
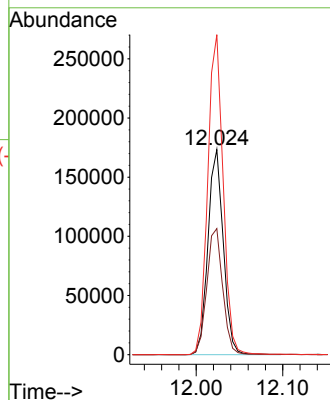
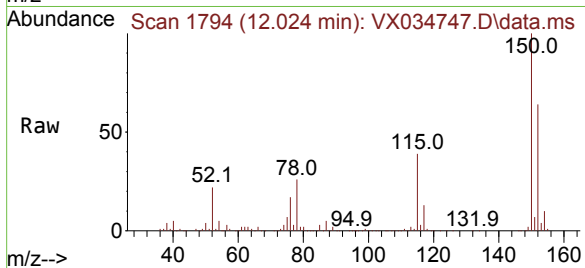
Tgt Ion:152 Resp: 213471

Ion Ratio Lower Upper

152 100

115 63.7 45.0 135.0

150 156.2 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.757 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034747.D

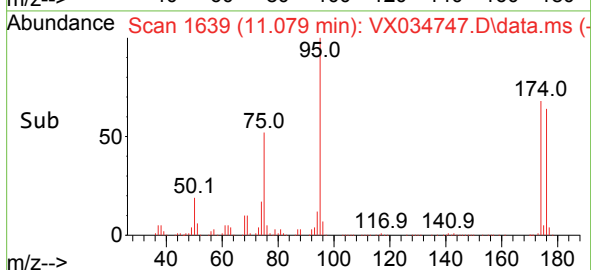
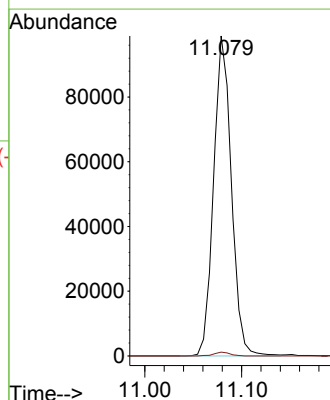
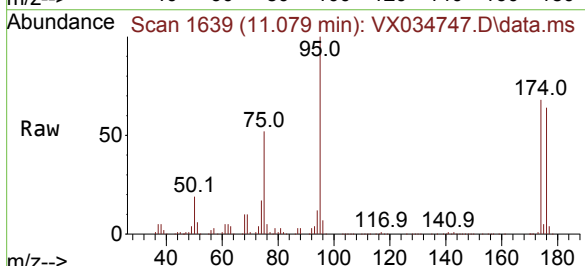
Acq: 27 Mar 2023 13:53

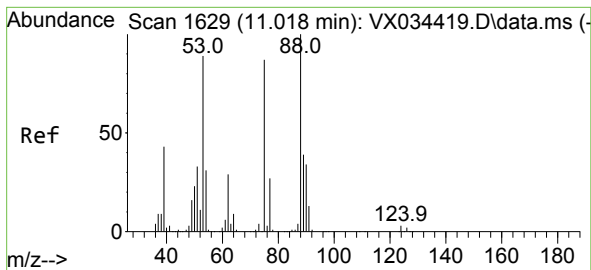
Tgt Ion: 75 Resp: 126248

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.680 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034747.D
 Acq: 27 Mar 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB08

Tgt Ion: 75 Resp: 126248
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

