

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034750.D
 Acq On : 27 Mar 2023 15:26
 Operator : JC/MD
 Sample : 02100-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB08RE

Quant Time: Mar 28 03:20:11 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)

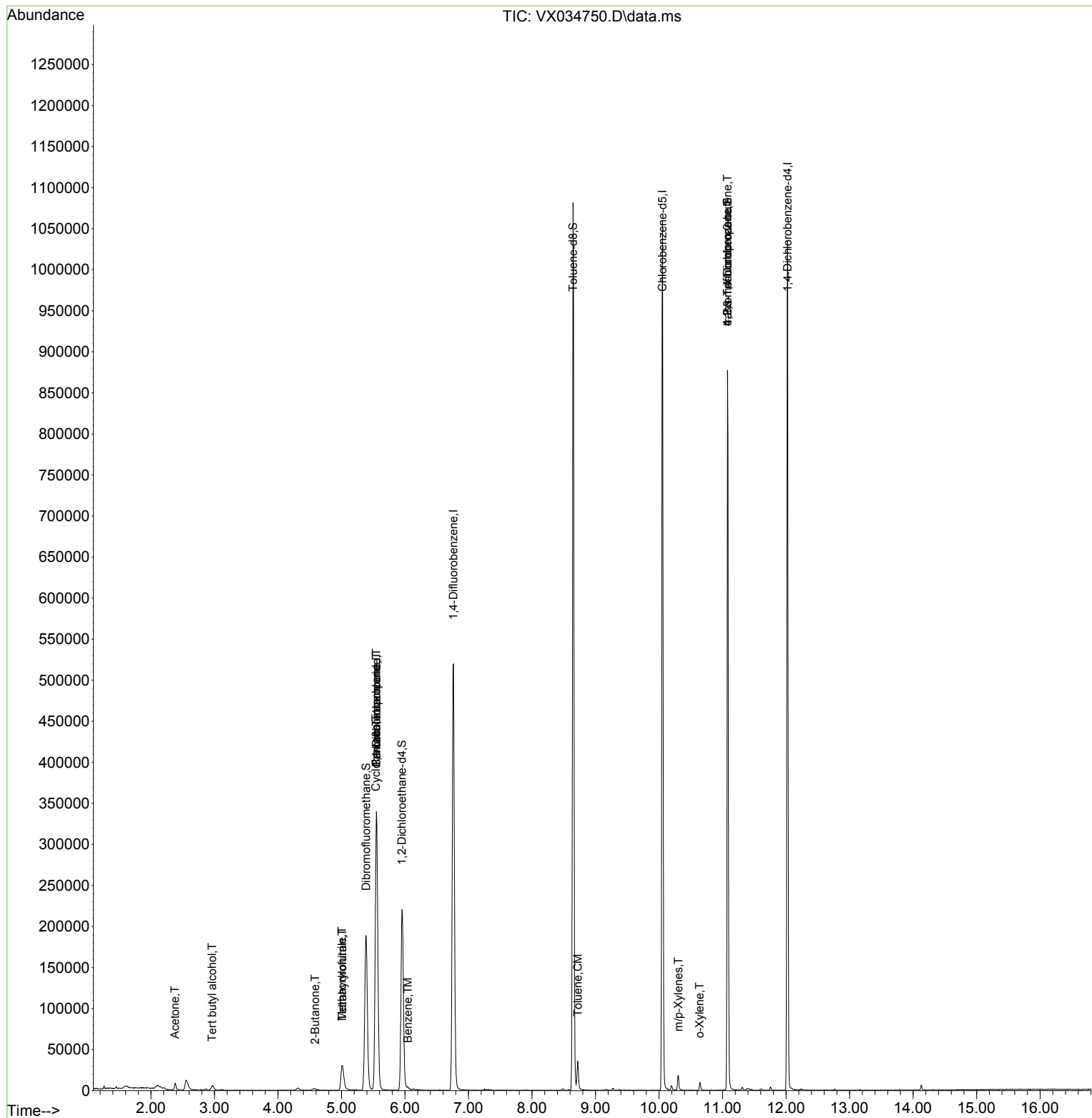
Internal Standards						
1) Pentafluorobenzene	5.550	168	306196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	518838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223164	50.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.200%	
35) Dibromofluoromethane	5.385	113	164473	48.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.020%	
50) Toluene-d8	8.647	98	620353	48.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	11.079	95	237331	45.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	472	Below Cal		95
11) Tert butyl alcohol	2.965	59	8158	8.795	ug/l	98
16) Acetone	2.380	43	9685	4.616	ug/l	99
25) 2-Butanone	4.586	43	844	0.281	ug/l #	88
29) Tetrahydrofuran	5.013	42	30796	16.623	ug/l	100
31) Cyclohexane	5.544	56	7184	1.150	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	25846	4.912	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33257	6.354	ug/l #	16
40) Benzene	6.043	78	3231	0.210	ug/l	92
41) Methacrylonitrile	5.007	41	18679	5.930	ug/l #	47
52) Toluene	8.720	92	12458	1.307	ug/l	99
68) m/p-Xylenes	10.305	106	4352	0.618	ug/l	97
69) o-Xylene	10.640	106	2344	0.332	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	124667	25.810	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	124667	69.825	ug/l #	8

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

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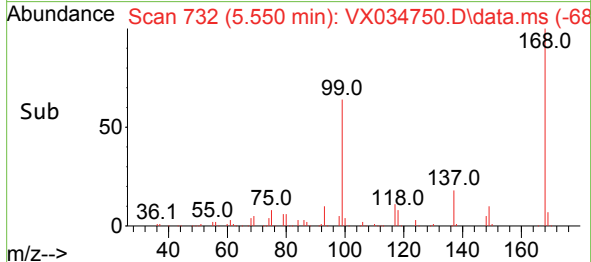
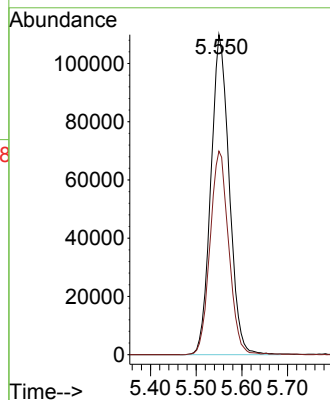
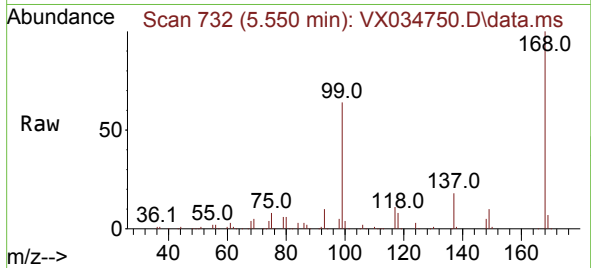




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

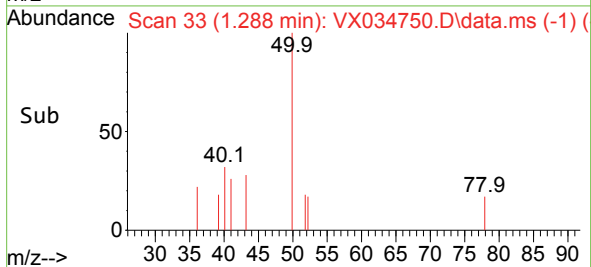
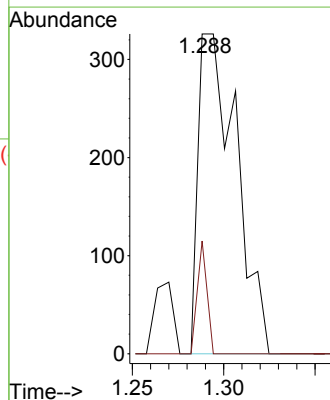
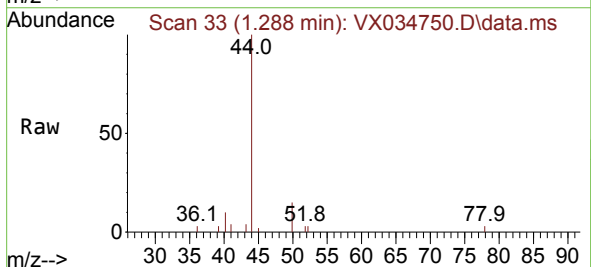
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

Tgt Ion:168 Resp: 306196
Ion Ratio Lower Upper
168 100
99 63.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 35.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 8.795 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX034750.D

Acq: 27 Mar 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

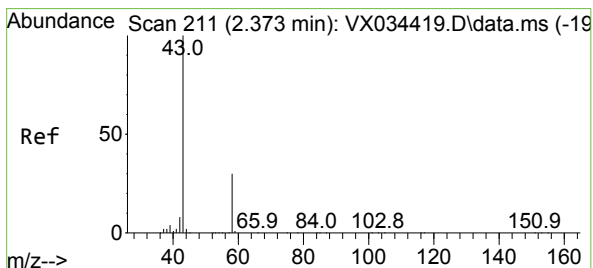
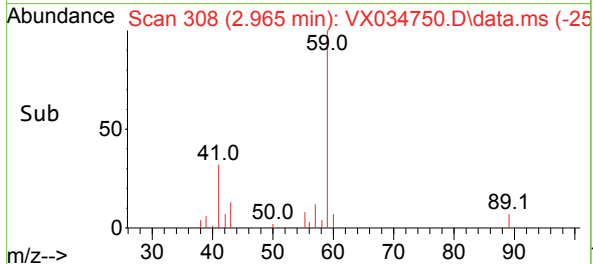
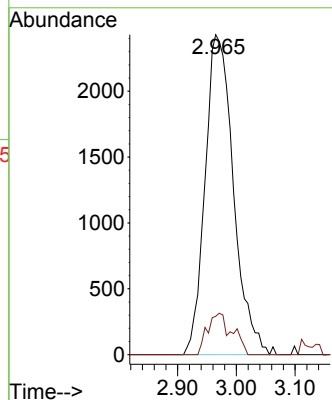
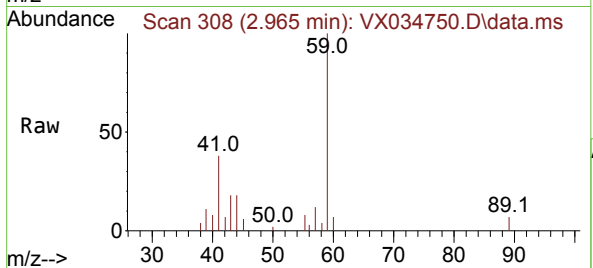
TB08RE

Tgt Ion: 59 Resp: 8158

Ion Ratio Lower Upper

59 100

57 9.5 8.1 12.1



#16

Acetone

Concen: 4.616 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034750.D

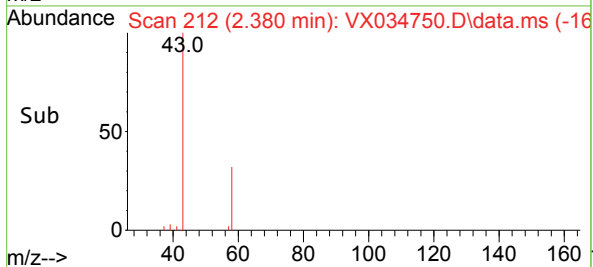
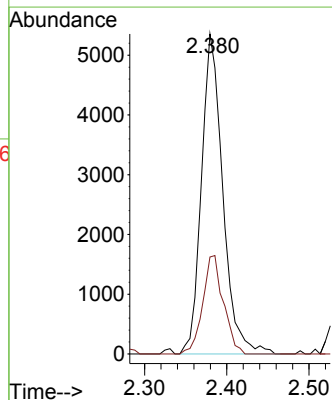
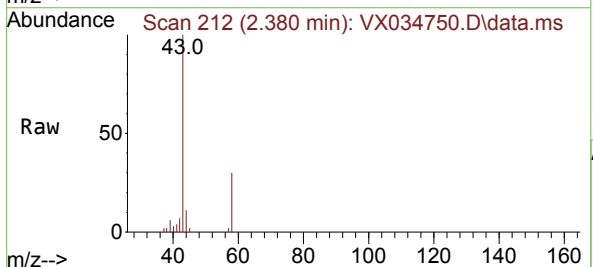
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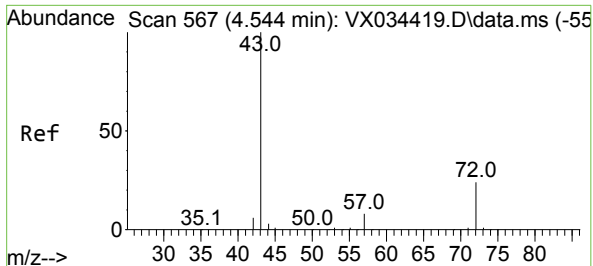
Tgt Ion: 43 Resp: 9685

Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1

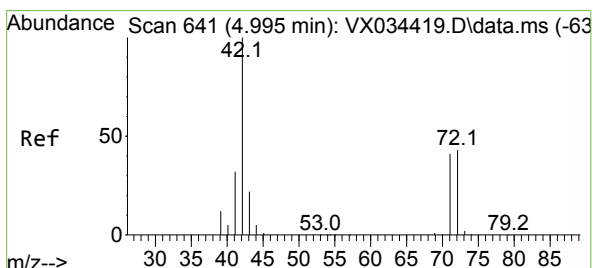
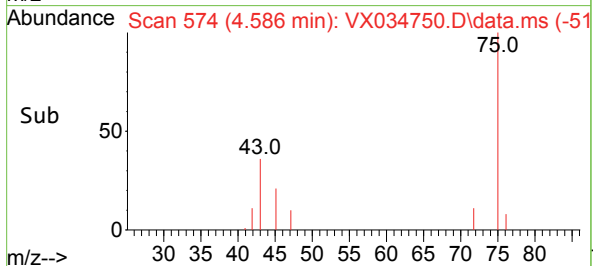
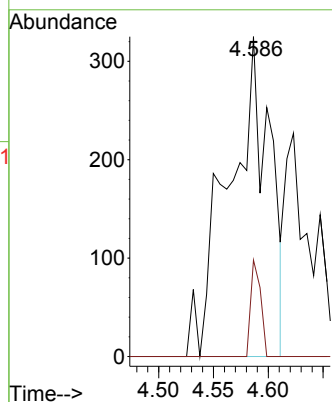
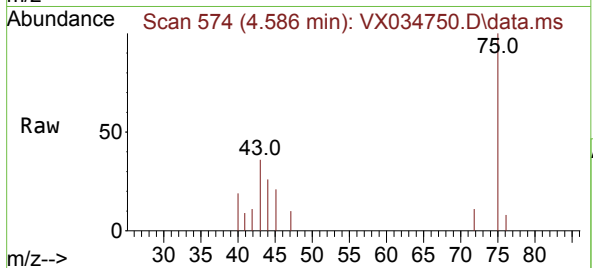




#25
2-Butanone
Concen: 0.281 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

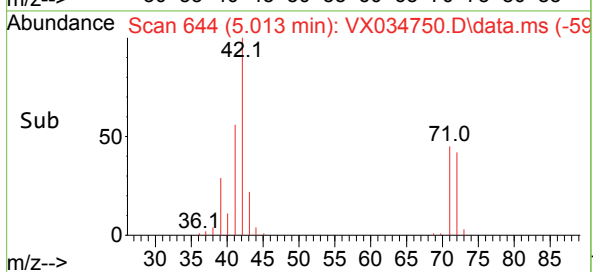
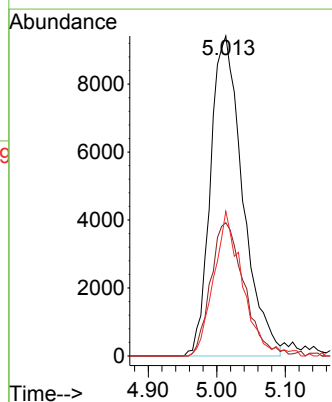
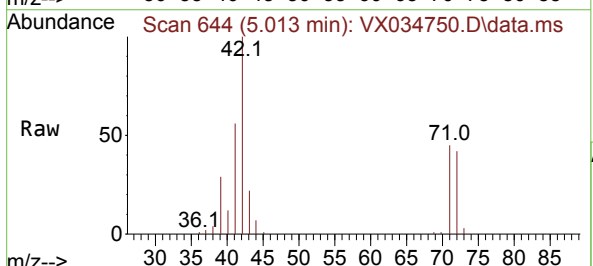
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

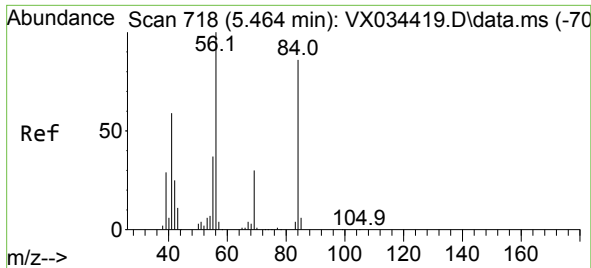
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
72 30.2 19.3 28.9#



#29
Tetrahydrofuran
Concen: 16.623 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 42 Resp: 30796
Ion Ratio Lower Upper
42 100
72 43.2 34.5 51.7
71 40.6 32.1 48.1

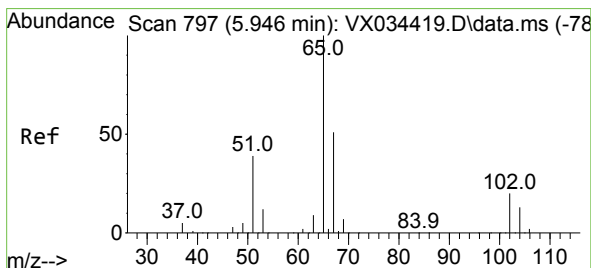
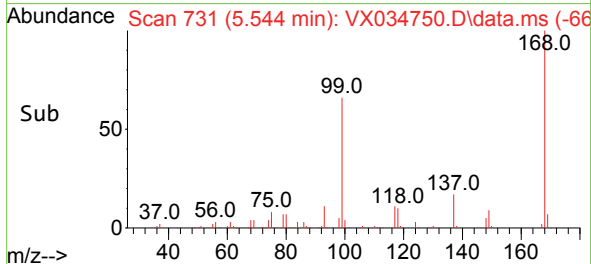
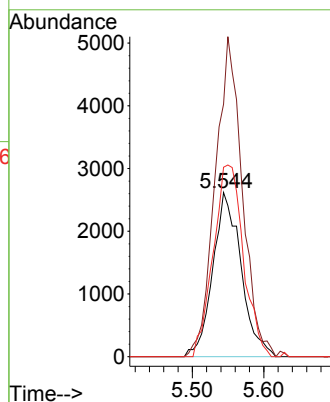
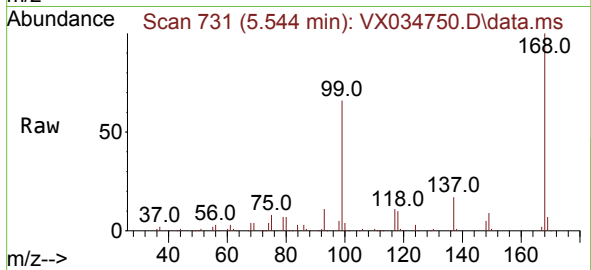




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

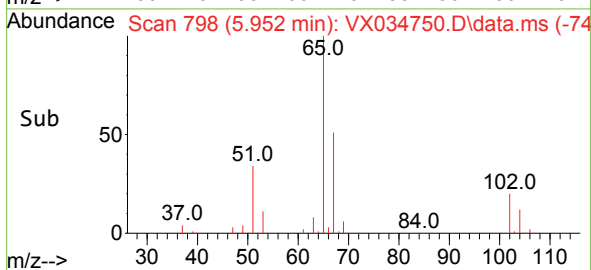
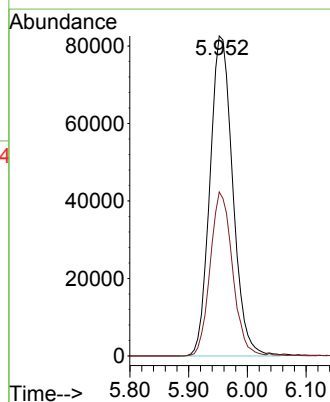
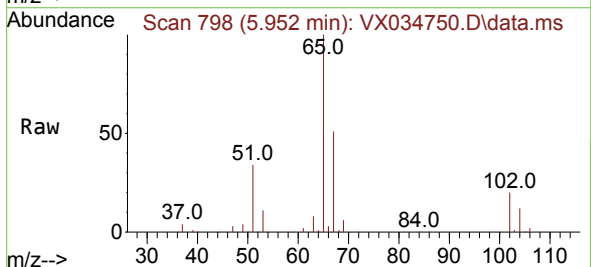
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

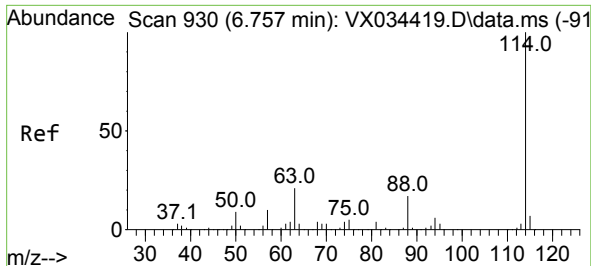
Tgt Ion: 56 Resp: 7184
Ion Ratio Lower Upper
56 100
69 153.8 23.7 35.5#
84 115.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.098 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 65 Resp: 223164
Ion Ratio Lower Upper
65 100
67 50.0 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: VX034750.D

Acq: 27 Mar 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

TB08RE

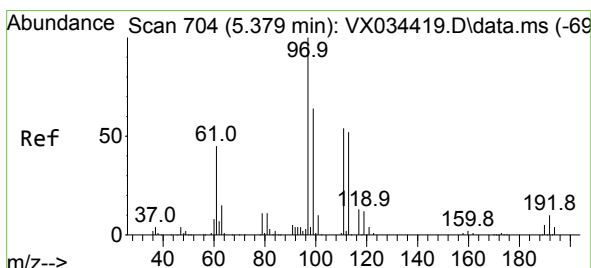
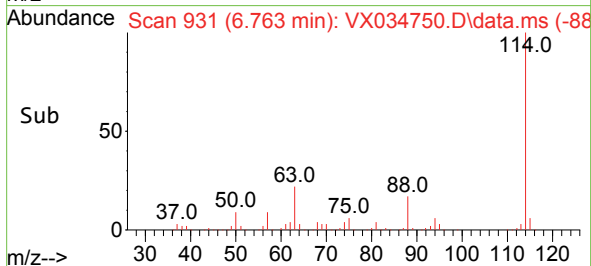
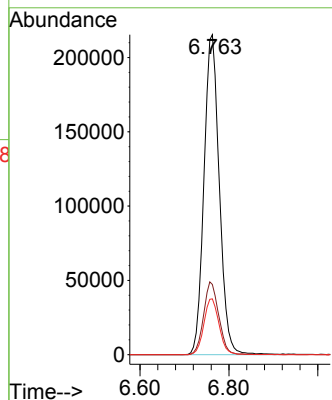
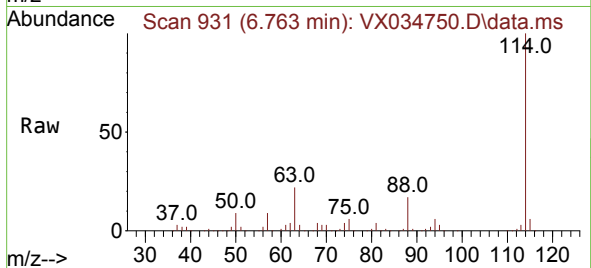
Tgt Ion:114 Resp: 518838

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 17.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.013 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034750.D

Acq: 27 Mar 2023 15:26

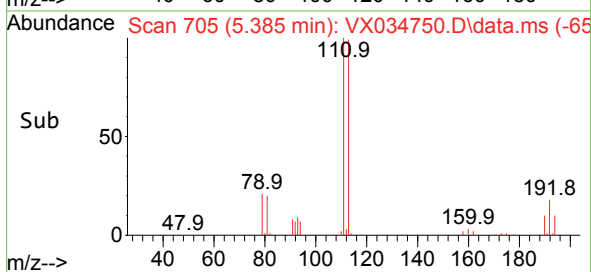
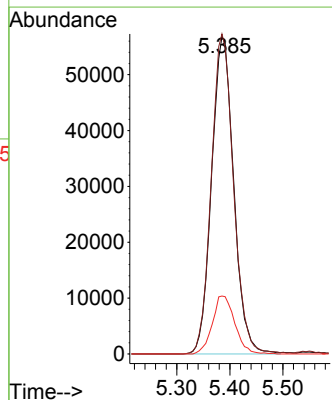
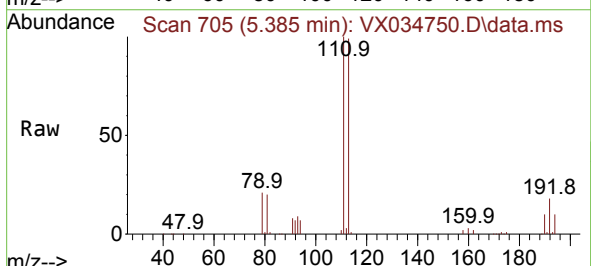
Tgt Ion:113 Resp: 164473

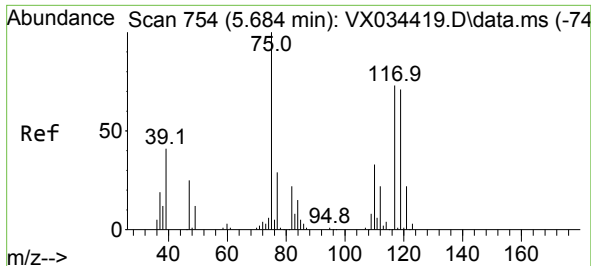
Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 18.5 15.4 23.2

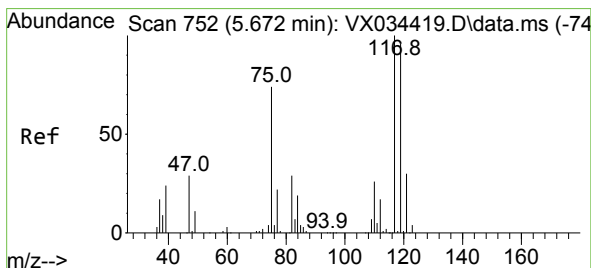
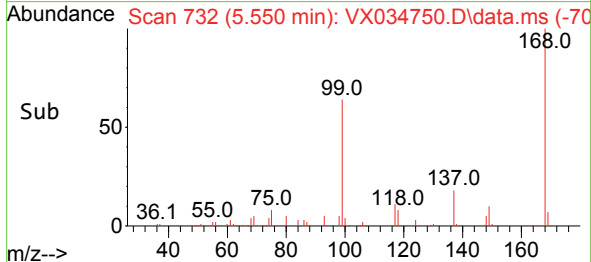
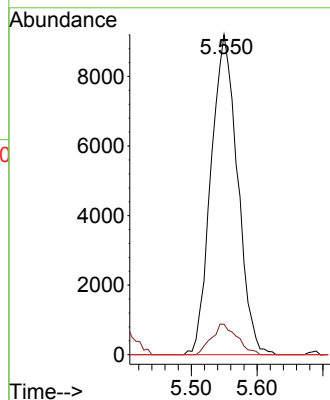
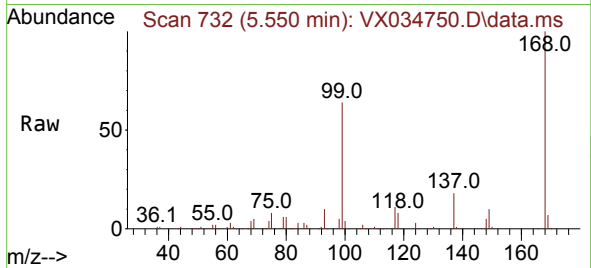




#36
 1,1-Dichloropropene
 Concen: 4.912 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.134 min
 Lab File: VX034750.D
 Acq: 27 Mar 2023 15:26

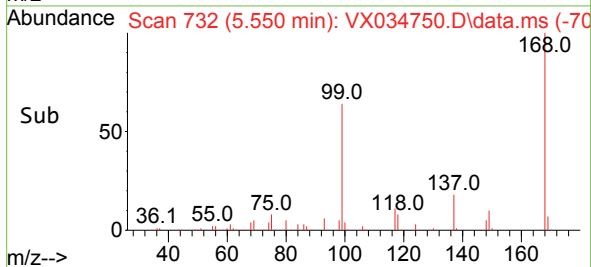
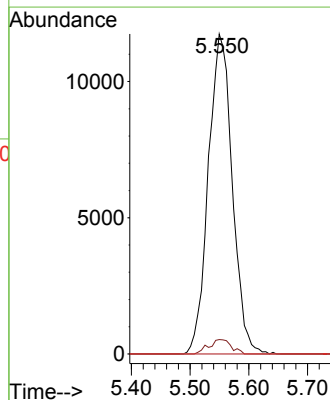
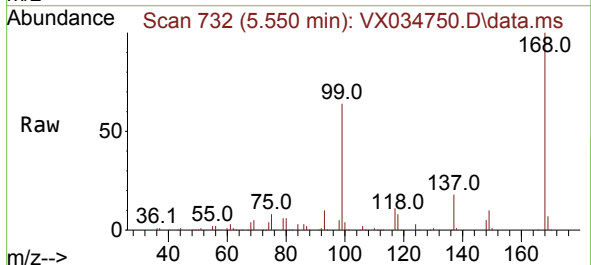
Instrument :
 MSVOA_X
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 TB08RE

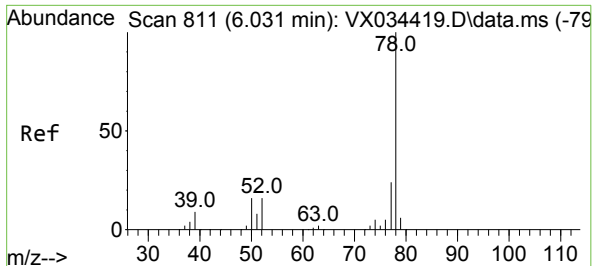
Tgt Ion: 75 Resp: 25846
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.354 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX034750.D
 Acq: 27 Mar 2023 15:26

Tgt Ion: 117 Resp: 33257
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.6 114.8#
 121 0.0 23.8 35.6#

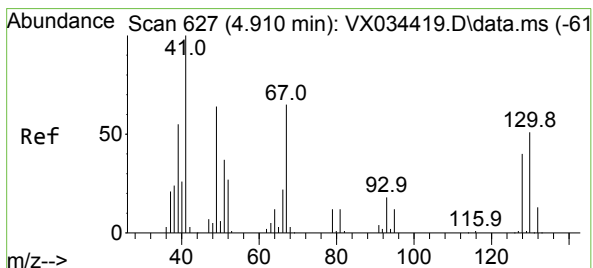
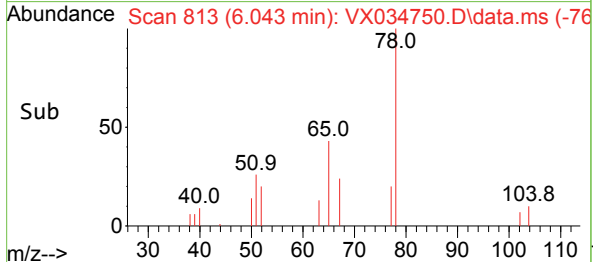
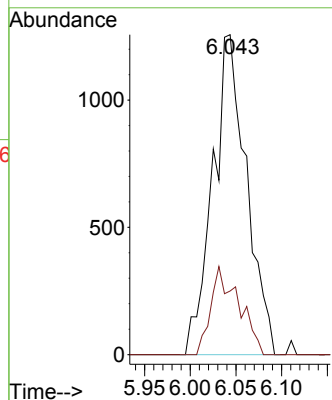
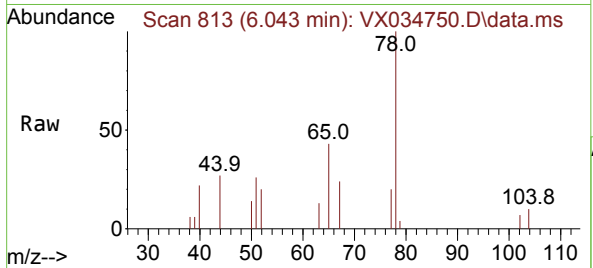




#40
Benzene
Concen: 0.210 ug/l
RT: 6.043 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

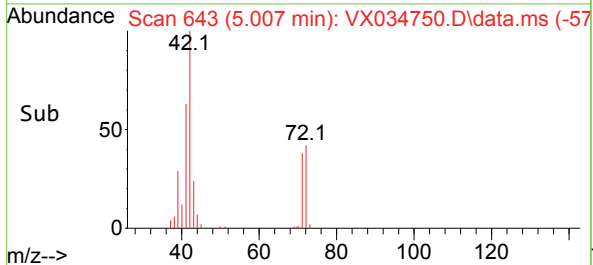
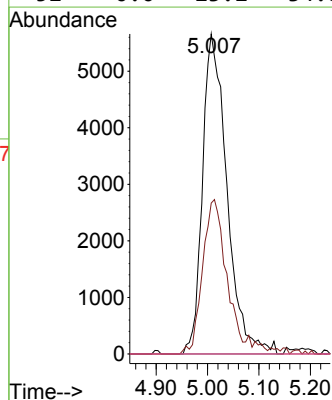
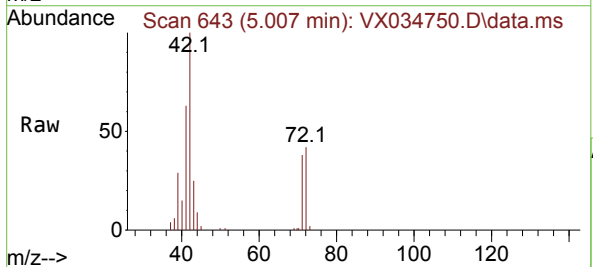
Instrument :
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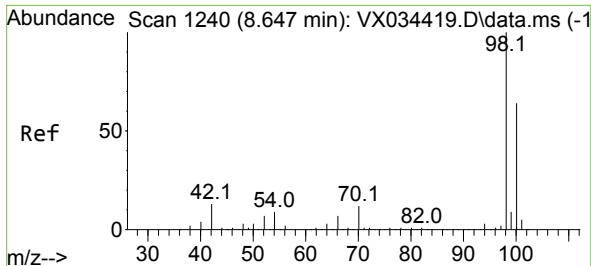
Tgt Ion: 78 Resp: 3231
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.4



#41
Methacrylonitrile
Concen: 5.930 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.097 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 41 Resp: 18679
Ion Ratio Lower Upper
41 100
39 46.8 45.0 67.6
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

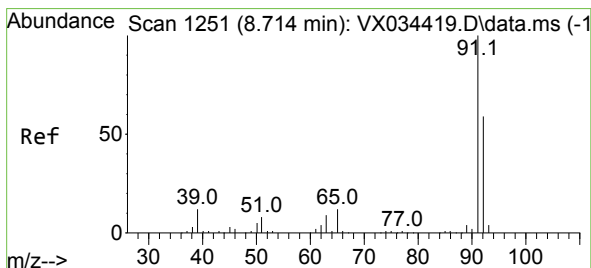
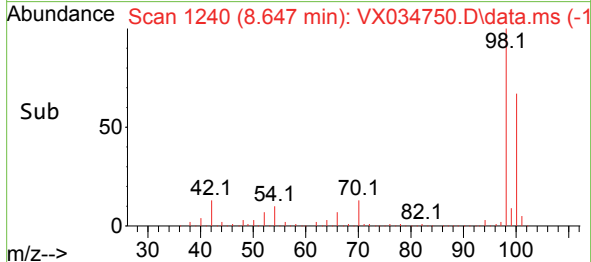
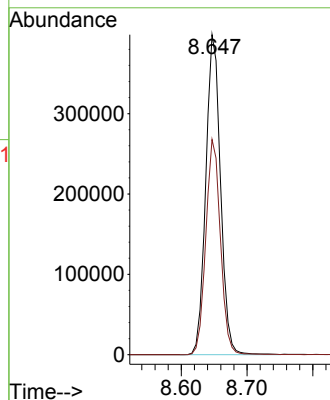
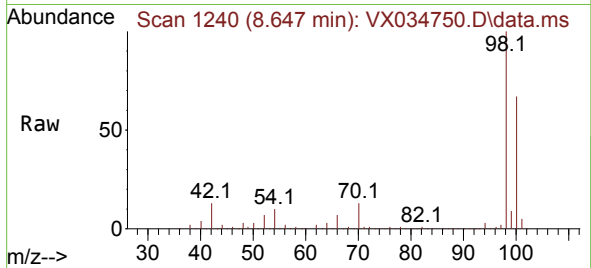




#50
Toluene-d8
Concen: 48.510 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

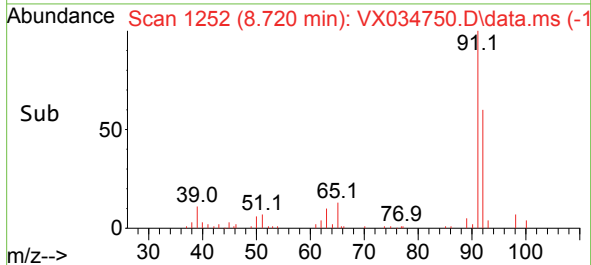
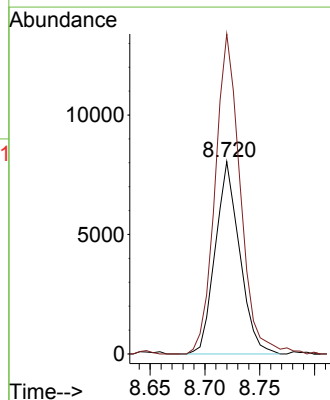
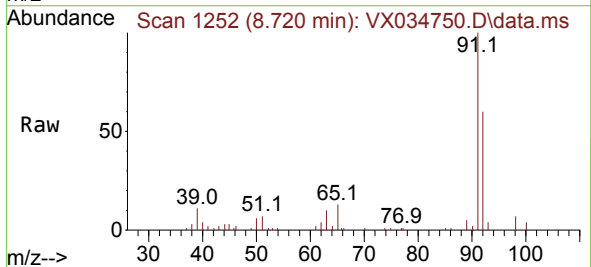
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

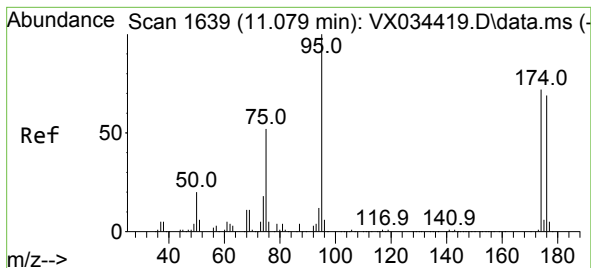
Tgt Ion: 98 Resp: 620353
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#52
Toluene
Concen: 1.307 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 92 Resp: 12458
Ion Ratio Lower Upper
92 100
91 172.4 136.8 205.2

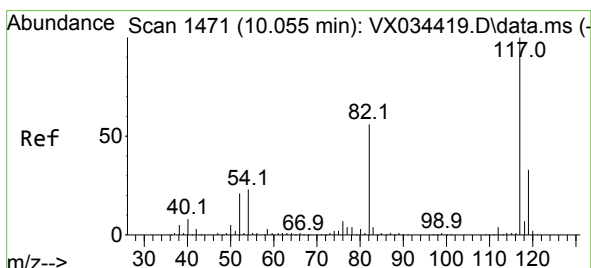
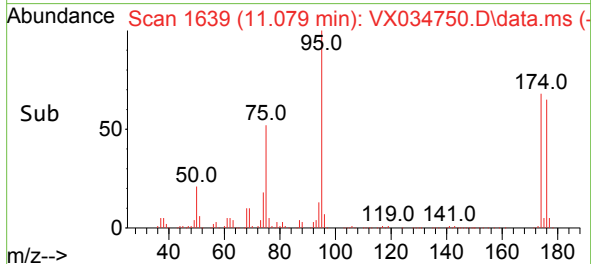
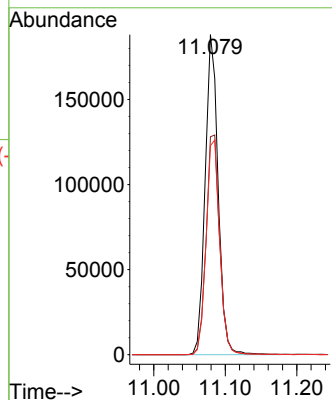
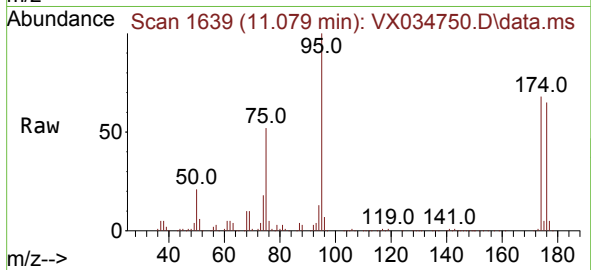




#62
4-Bromofluorobenzene
Concen: 45.946 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

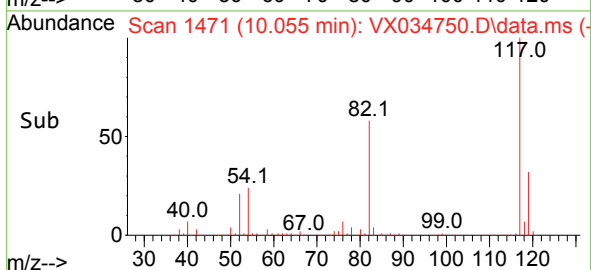
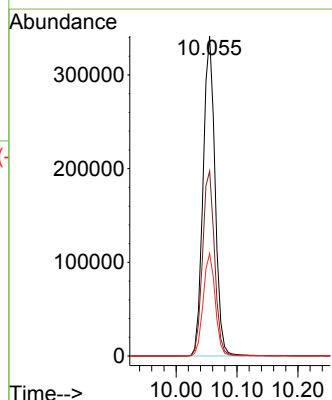
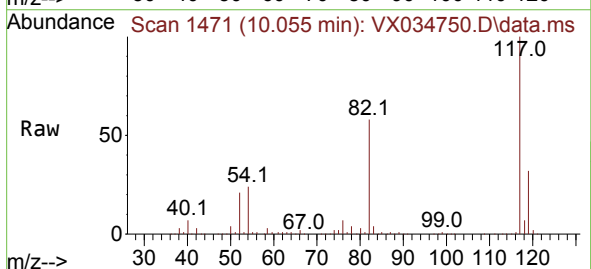
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

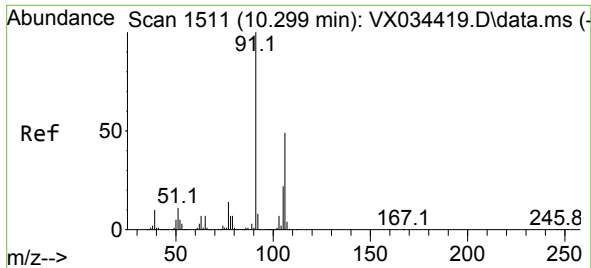
Tgt Ion: 95 Resp: 237331
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion: 117 Resp: 466706
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.0 26.0 39.0

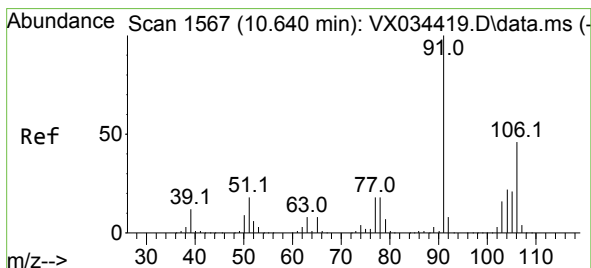
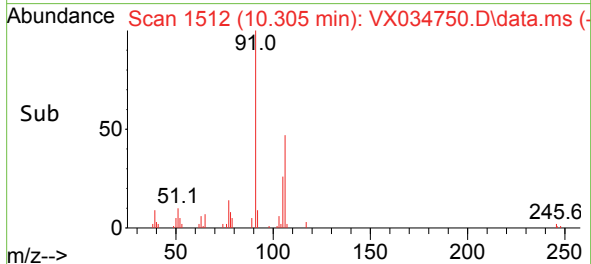
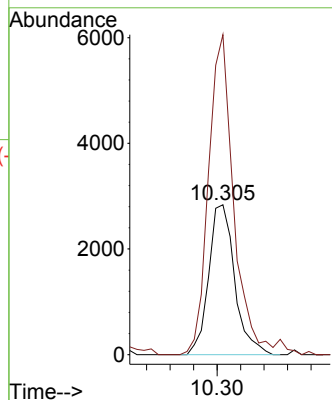
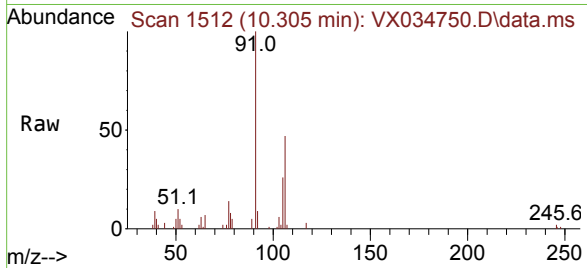




#68
m/p-Xylenes
Concen: 0.618 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

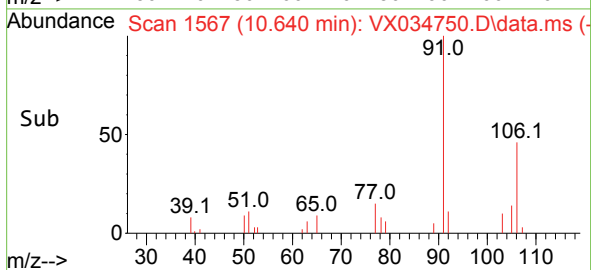
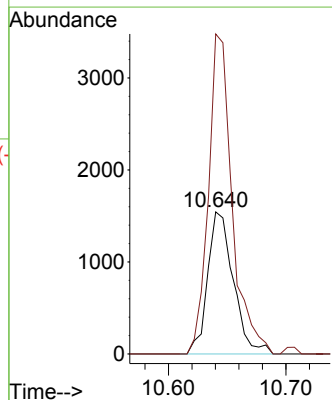
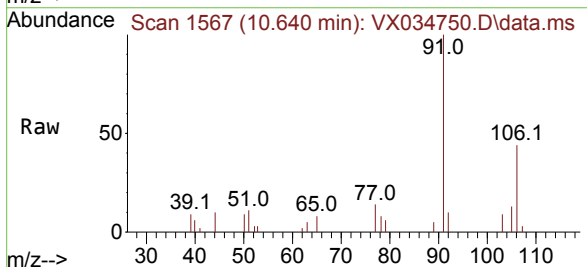
Instrument :
MSVOA_X
ClientSampleId :
TB08RE

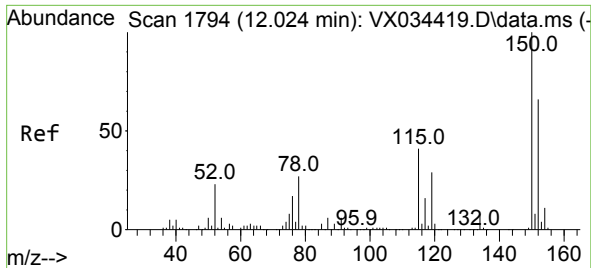
Tgt Ion:106 Resp: 4352
Ion Ratio Lower Upper
106 100
91 209.5 164.0 246.0



#69
o-Xylene
Concen: 0.332 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Tgt Ion:106 Resp: 2344
Ion Ratio Lower Upper
106 100
91 208.3 108.5 325.3

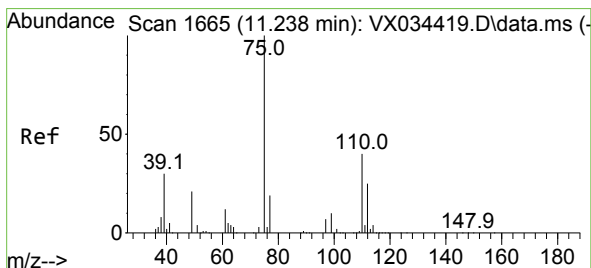
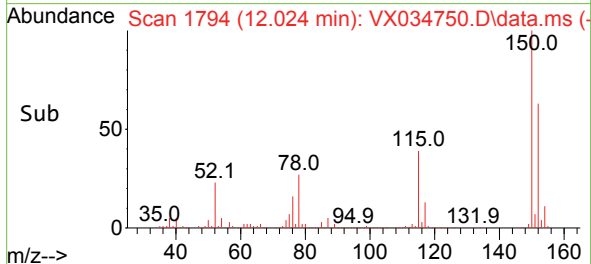
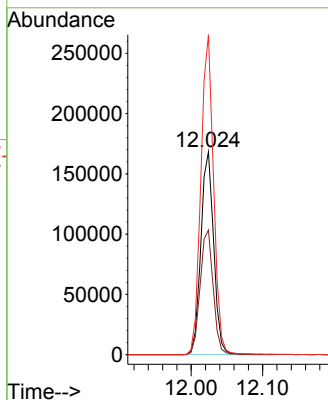
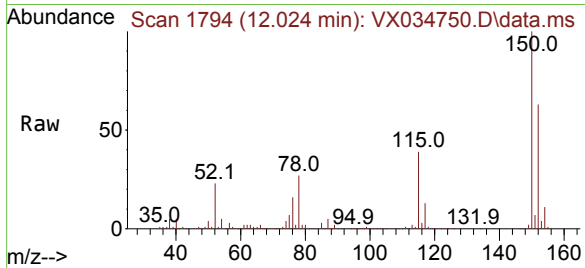




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034750.D
 Acq: 27 Mar 2023 15:26

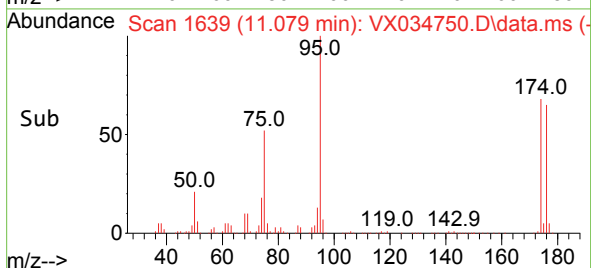
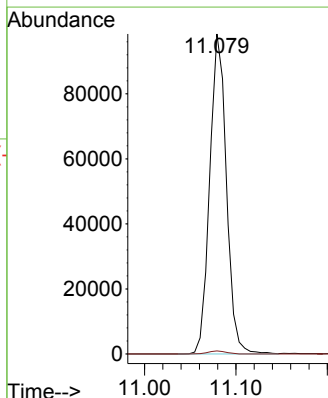
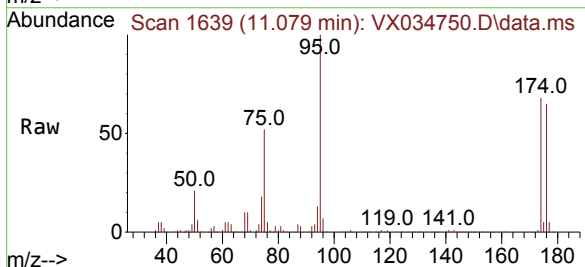
Instrument :
 MSVOA_X
 ClientSampleId :
 TB08RE

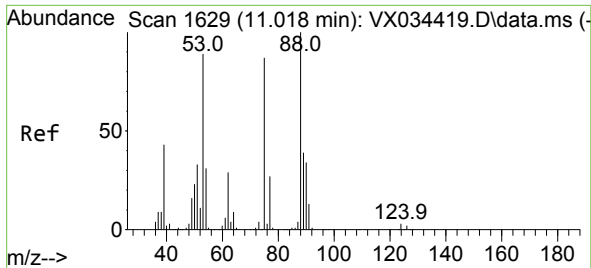
Tgt Ion:152 Resp: 210359
 Ion Ratio Lower Upper
 152 100
 115 62.5 45.0 135.0
 150 155.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.810 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034750.D
 Acq: 27 Mar 2023 15:26

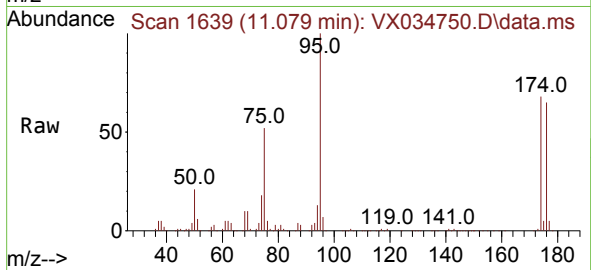
Tgt Ion: 75 Resp: 124667
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.825 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX034750.D
Acq: 27 Mar 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
TB08RE



Tgt Ion: 75 Resp: 124667
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

