

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038747.D
 Acq On : 11 Nov 2023 00:31
 Operator : JC/MD
 Sample : VX1110WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBL02

Quant Time: Nov 11 02:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

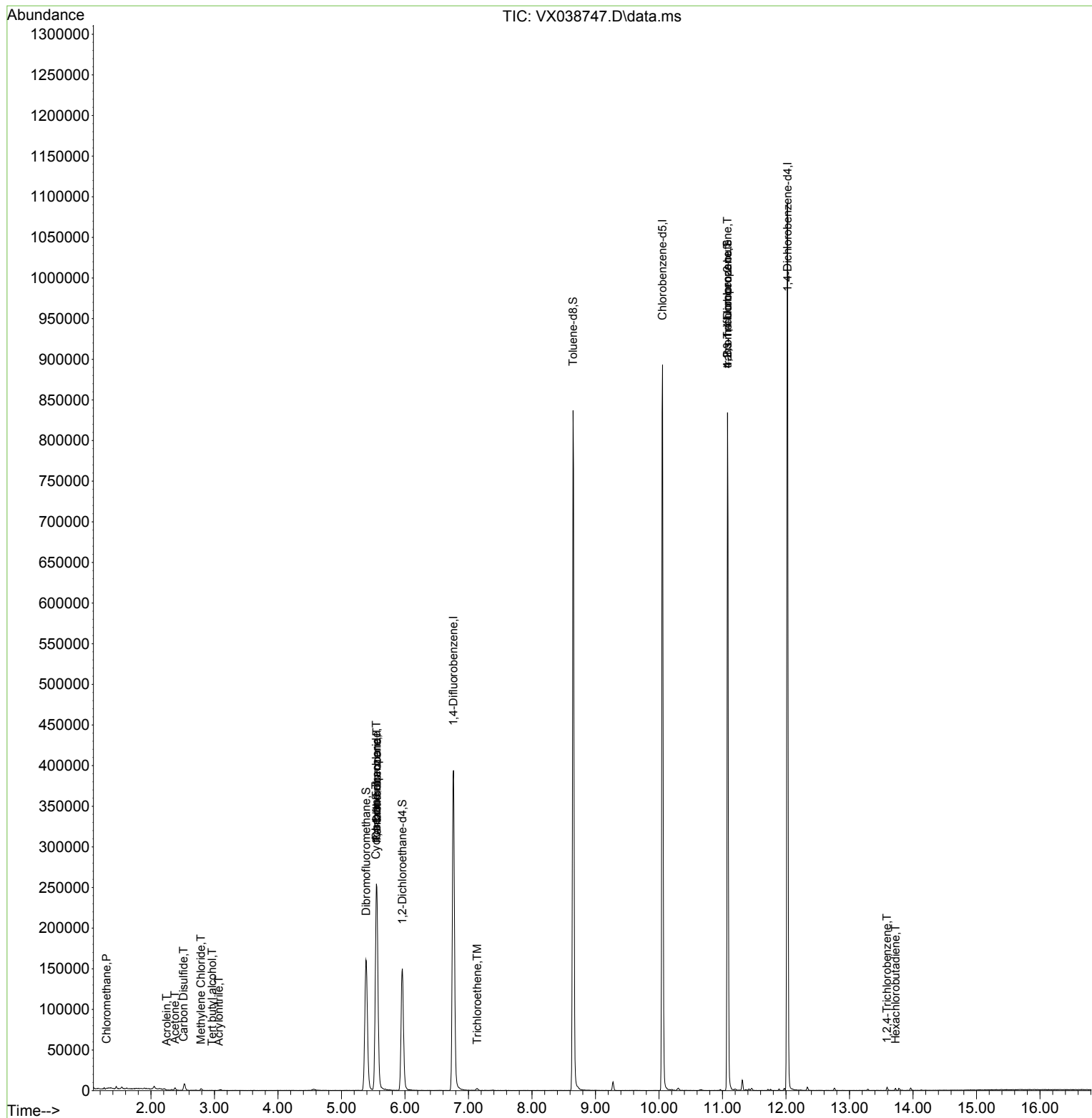
Internal Standards						
1) Pentafluorobenzene	5.556	168	266253	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	447036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152603	46.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.385	113	143545	44.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.160%
50) Toluene-d8	8.647	98	527389	45.775	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.560%#
62) 4-Bromofluorobenzene	11.079	95	224149	50.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.360%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	802	0.336	ug/l	96
11) Tert butyl alcohol	2.965	59	200	0.295	ug/l	# 78
13) Acrolein	2.246	56	117	0.228	ug/l	# 35
15) Acrylonitrile	3.069	53	360	0.252	ug/l	# 60
16) Acetone	2.380	43	3163	2.266	ug/l	100
17) Carbon Disulfide	2.514	76	2267	0.343	ug/l	# 94
20) Methylene Chloride	2.788	84	1125	0.400	ug/l	# 69
31) Cyclohexane	5.544	56	4383	1.195	ug/l	# 5
36) 1,1-Dichloropropene	5.556	75	16994	4.249	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	24747	5.535	ug/l	# 16
44) Trichloroethene	7.135	130	1043	0.291	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	107521	20.683	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	107521	62.977	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1460	0.247	ug/l	91
94) Hexachlorobutadiene	13.725	225	541	0.212	ug/l	87

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

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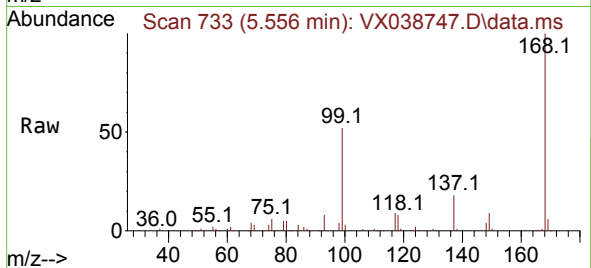
Quant Time: Nov 11 02:02:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



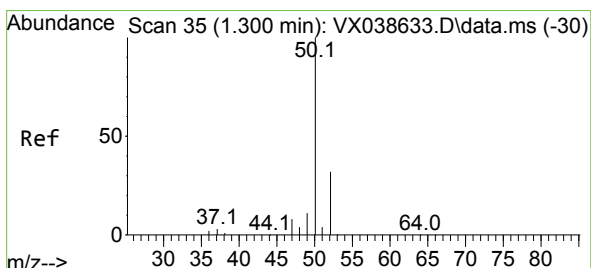
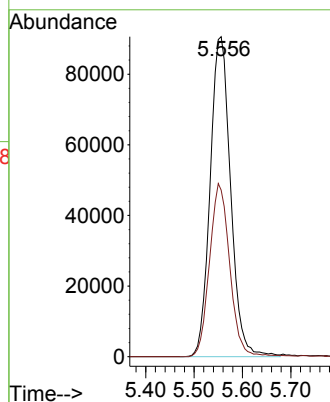
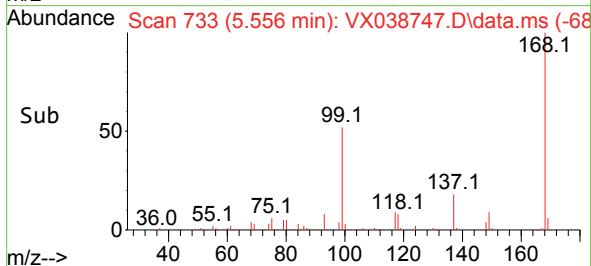


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

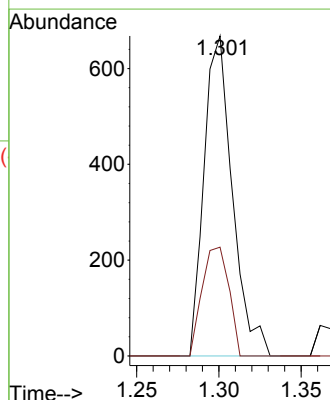
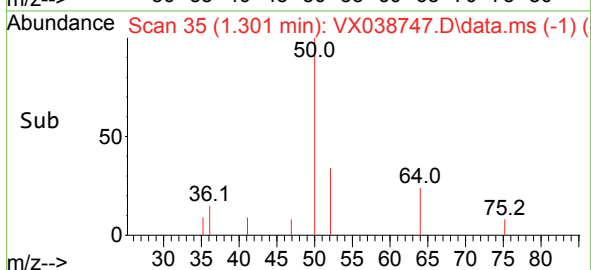
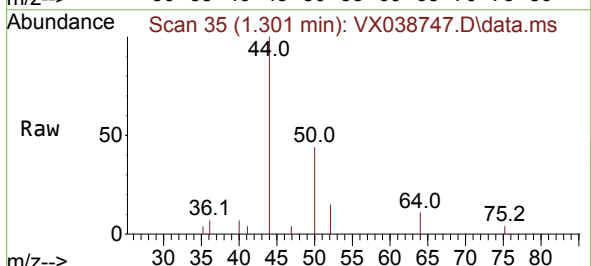


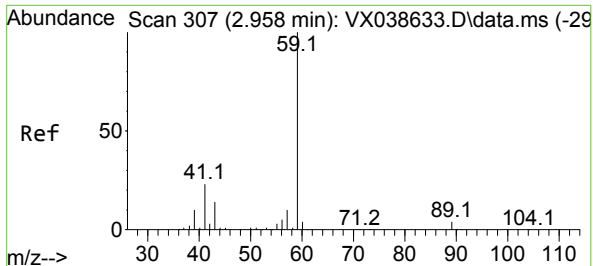
Tgt Ion:168 Resp: 266253
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0#



#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3





#11

Tert butyl alcohol

Concen: 0.295 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.007 min

Lab File: VX038747.D

Acq: 11 Nov 2023 00:31

Instrument :

MSVOA_X

ClientSampleId :

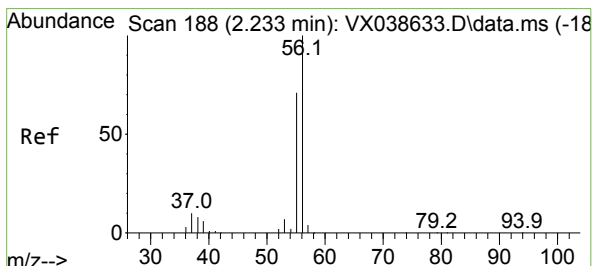
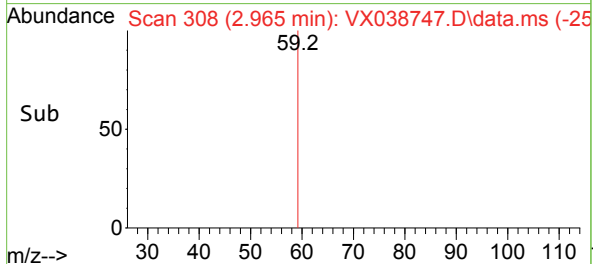
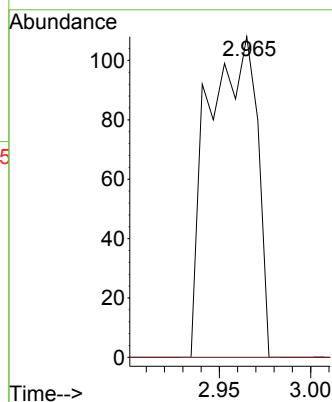
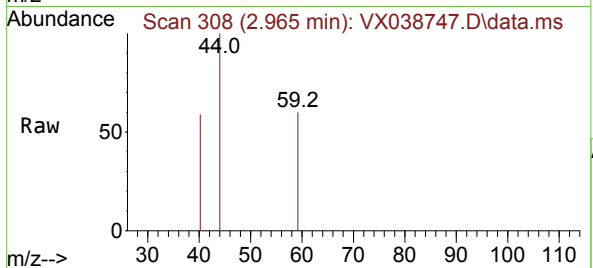
VX1110WBL02

Tgt Ion: 59 Resp: 200

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.228 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.013 min

Lab File: VX038747.D

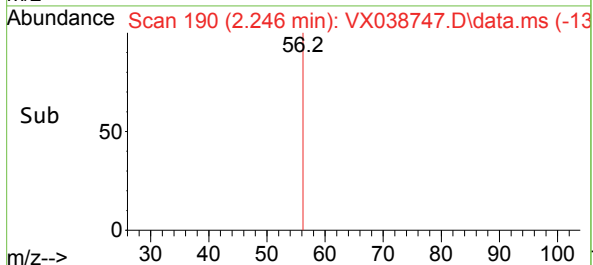
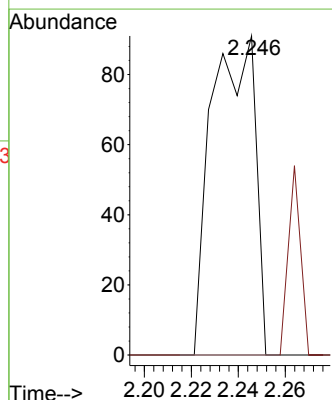
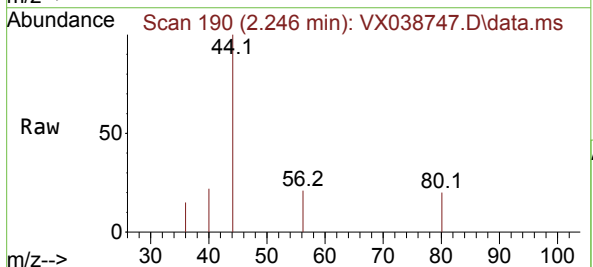
Acq: 11 Nov 2023 00:31

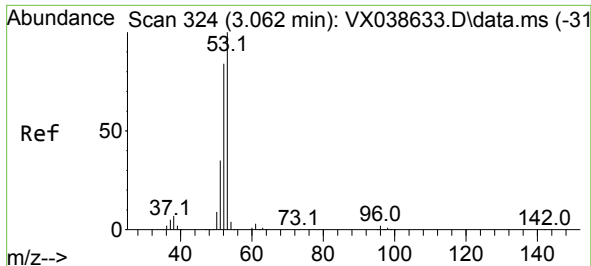
Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 17.1 57.1 85.7#

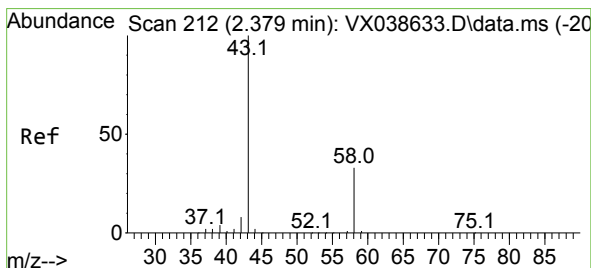
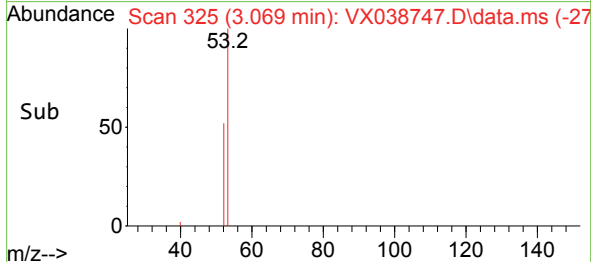
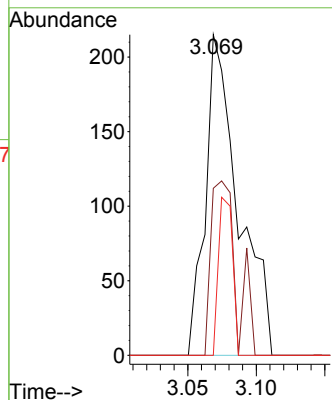
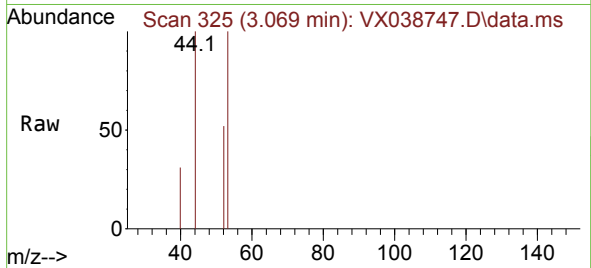




#15
Acrylonitrile
Concen: 0.252 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

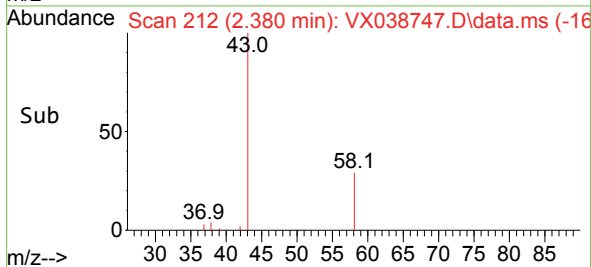
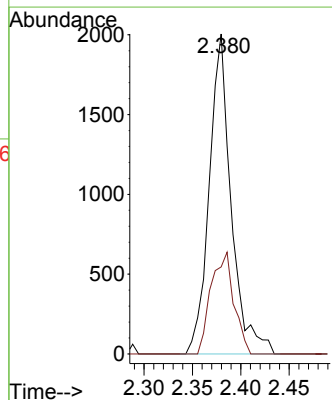
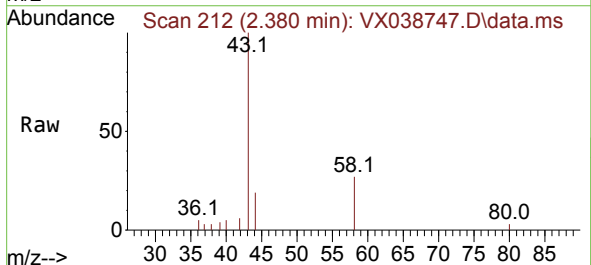
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

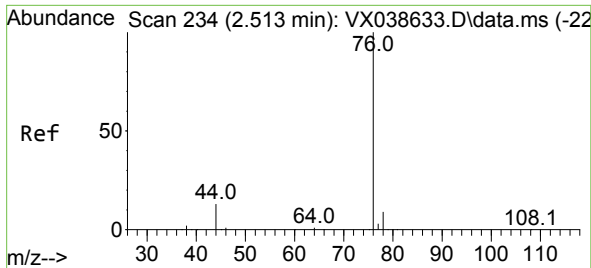
Tgt Ion: 53 Resp: 360
Ion Ratio Lower Upper
53 100
52 41.7 66.0 99.0#
51 20.8 29.8 44.6#



#16
Acetone
Concen: 2.266 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 43 Resp: 3163
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.343 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038747.D

Acq: 11 Nov 2023 00:31

Instrument :

MSVOA_X

ClientSampleId :

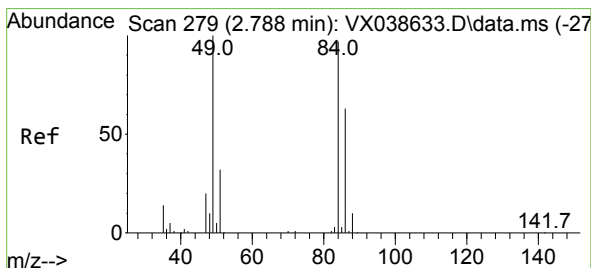
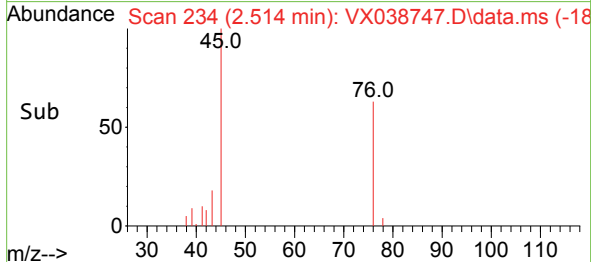
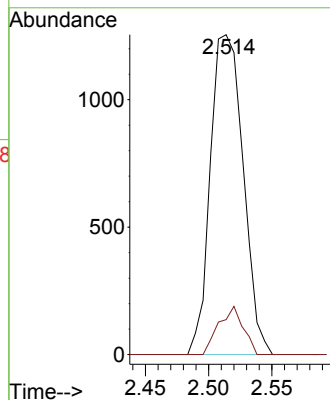
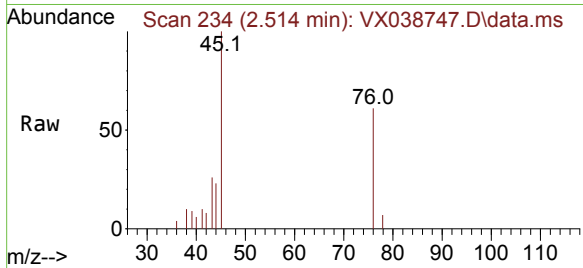
VX1110WBL02

Tgt Ion: 76 Resp: 2267

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.400 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038747.D

Acq: 11 Nov 2023 00:31

Tgt Ion: 84 Resp: 1125

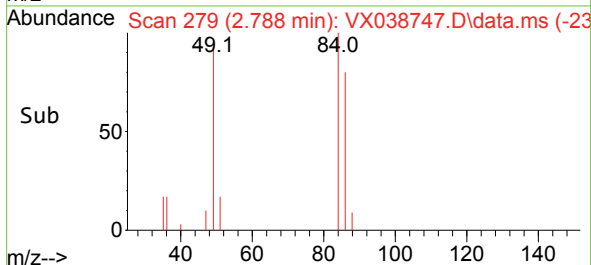
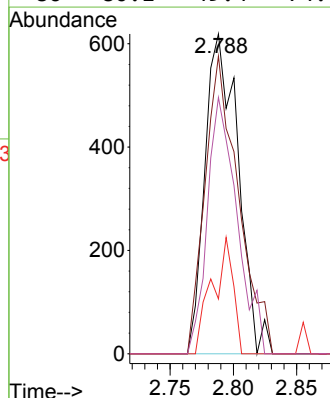
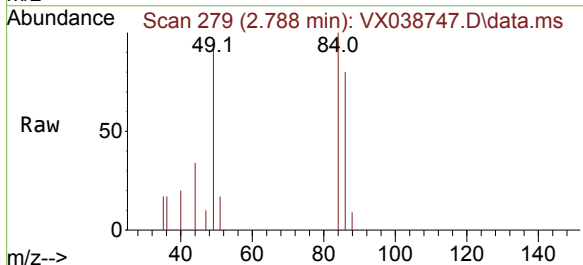
Ion Ratio Lower Upper

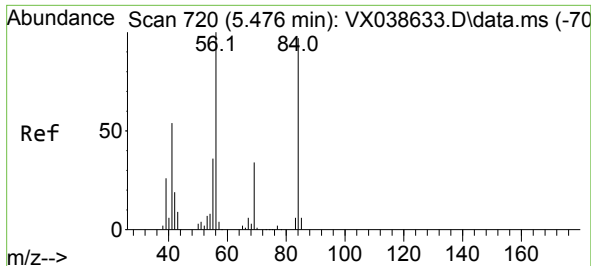
84 100

49 93.1 103.6 155.4#

51 17.1 33.8 50.6#

86 80.1 49.4 74.0#

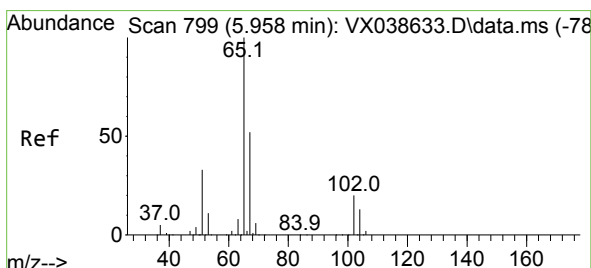
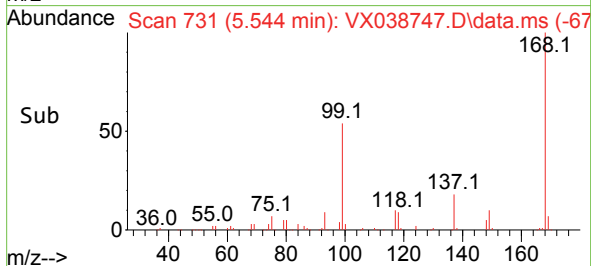
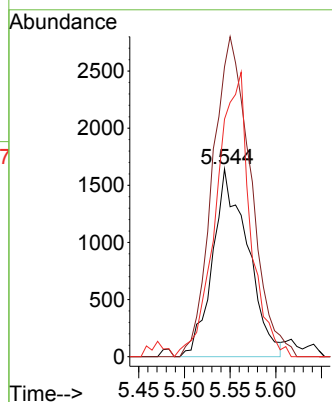
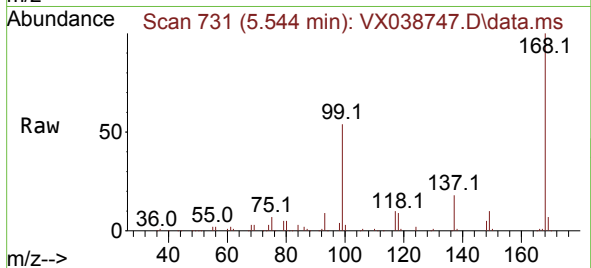




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.068 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

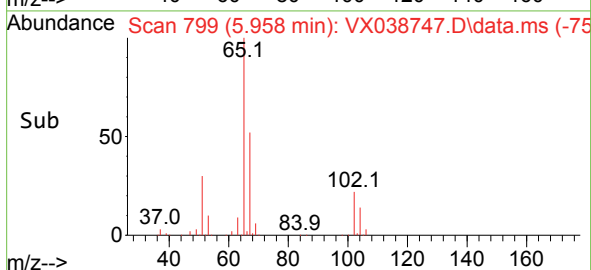
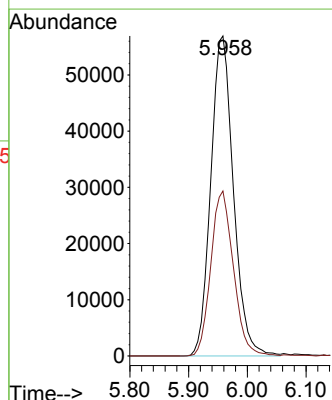
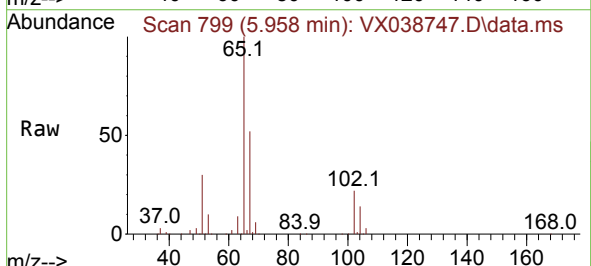
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

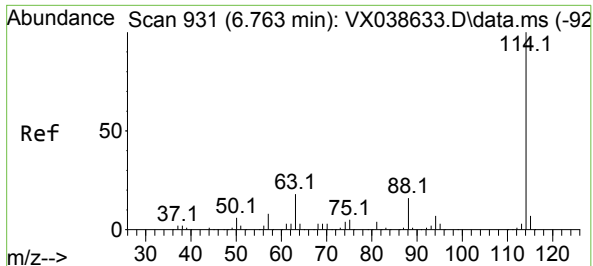
Tgt Ion: 56 Resp: 4383
Ion Ratio Lower Upper
56 100
69 154.5 23.4 35.2#
84 122.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.037 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 65 Resp: 152603
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

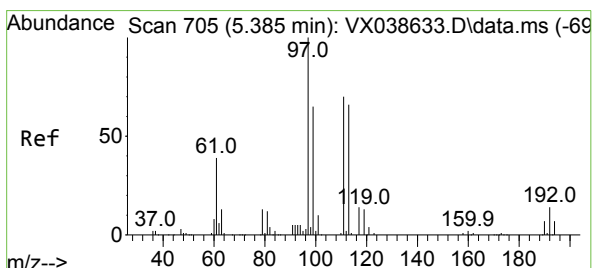
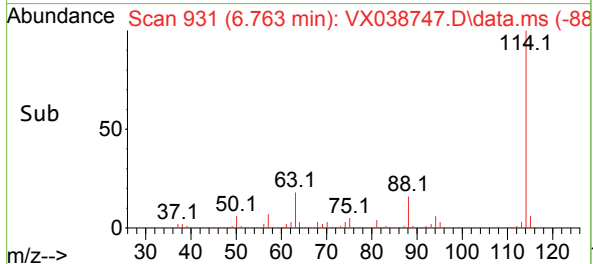
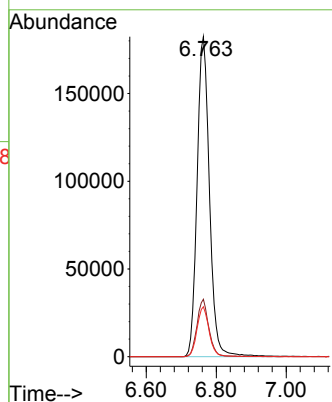
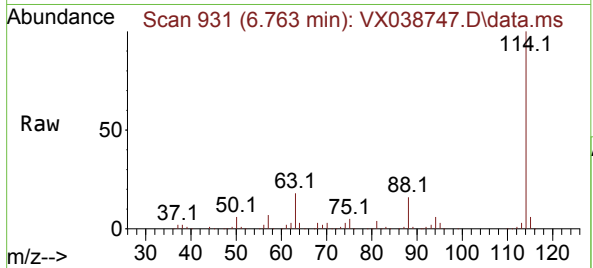




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

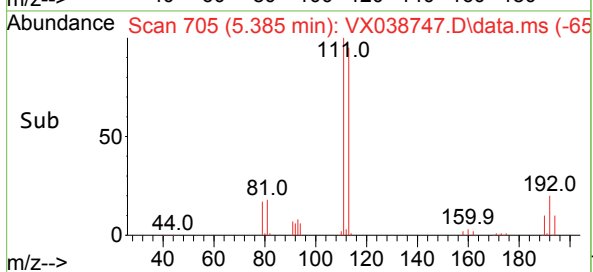
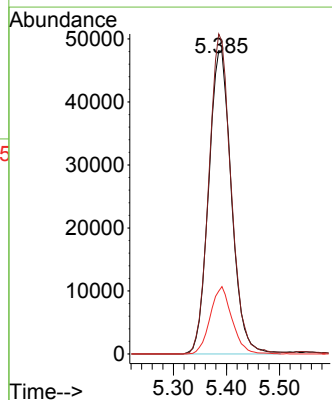
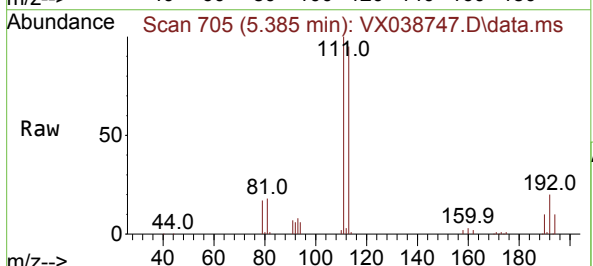
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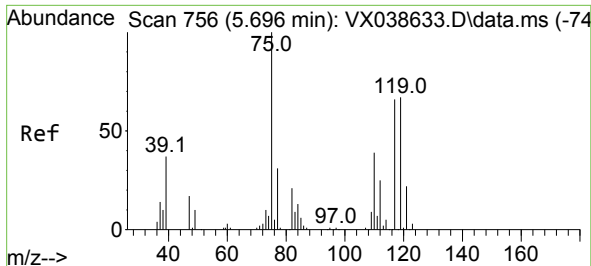
Tgt Ion:114 Resp: 447036
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.584 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion:113 Resp: 143545
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 21.3 13.3 19.9#

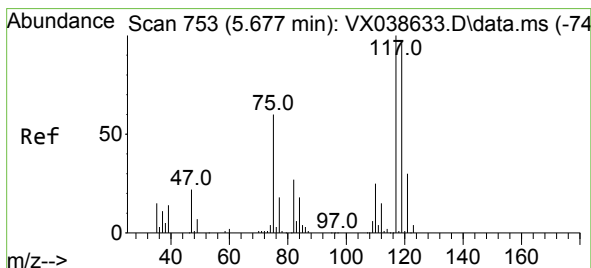
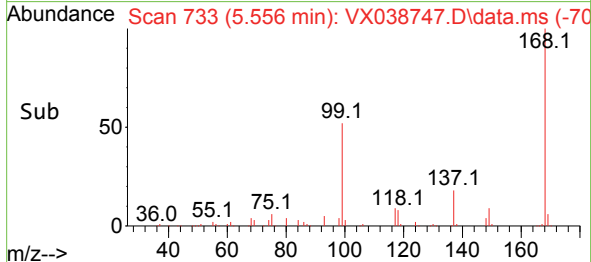
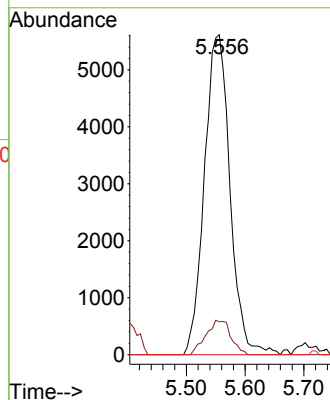
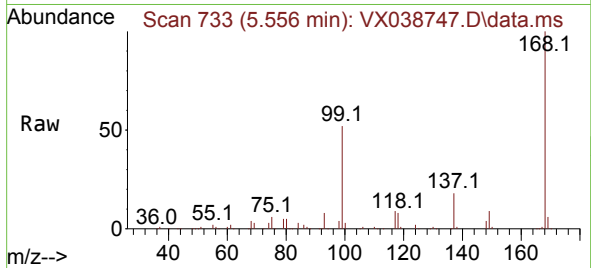




#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

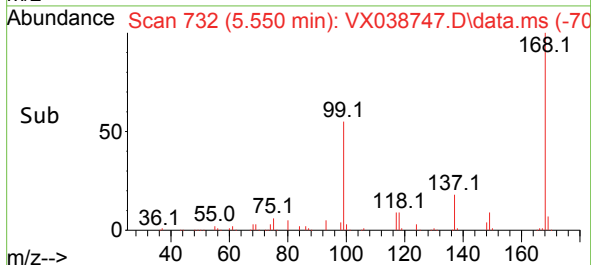
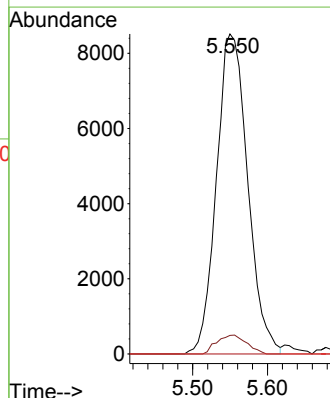
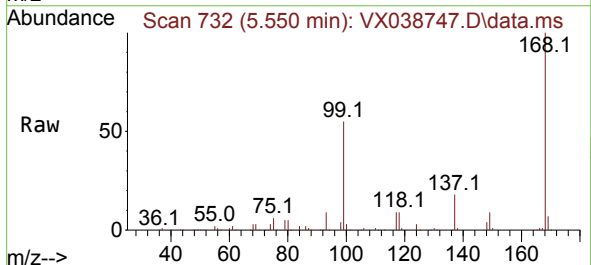
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

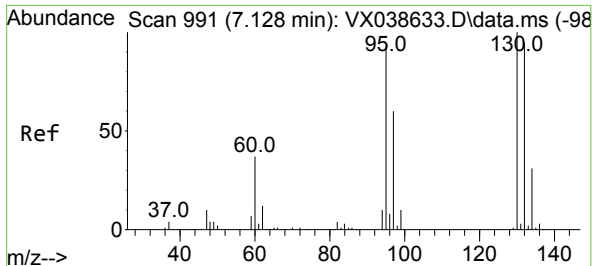
Tgt Ion: 75 Resp: 16994
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 117 Resp: 24747
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

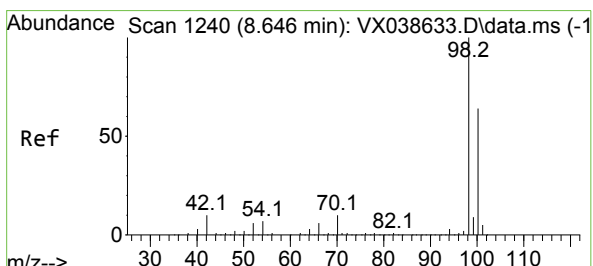
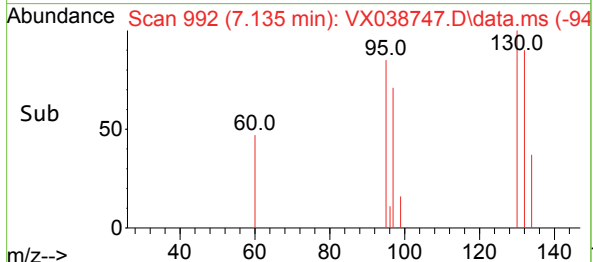
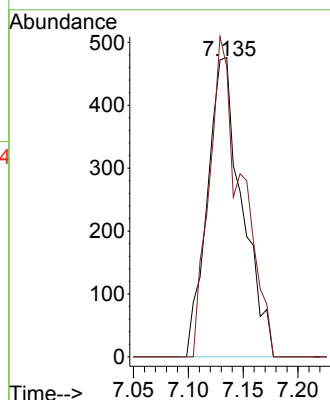
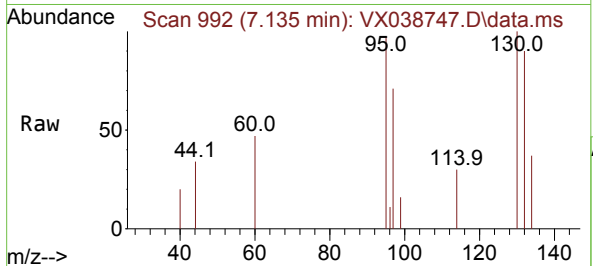




#44
Trichloroethene
Concen: 0.291 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

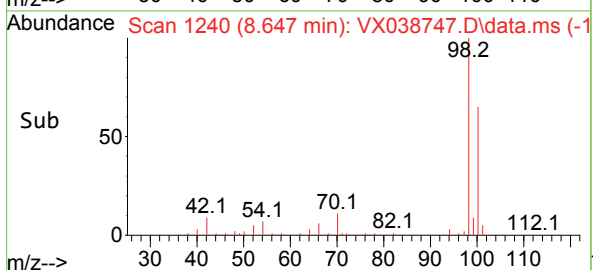
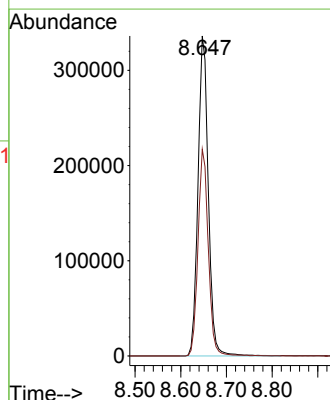
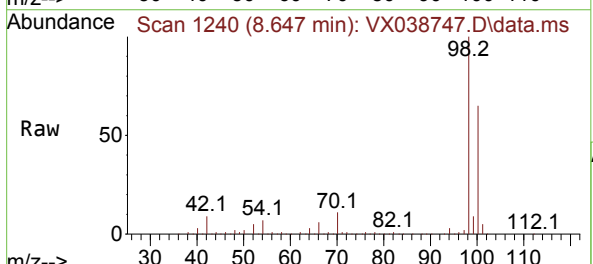
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

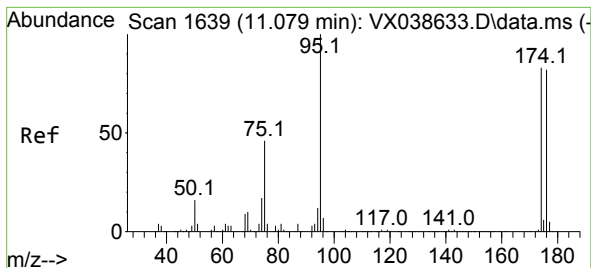
Tgt Ion:130 Resp: 1043
Ion Ratio Lower Upper
130 100
95 96.8 0.0 204.4



#50
Toluene-d8
Concen: 45.775 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 98 Resp: 527389
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

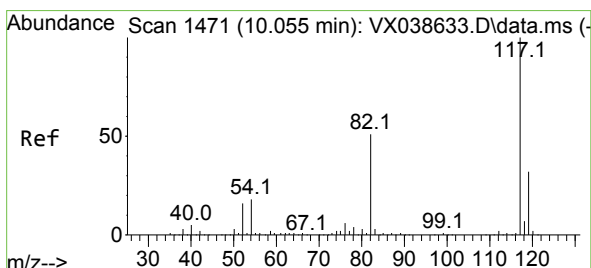
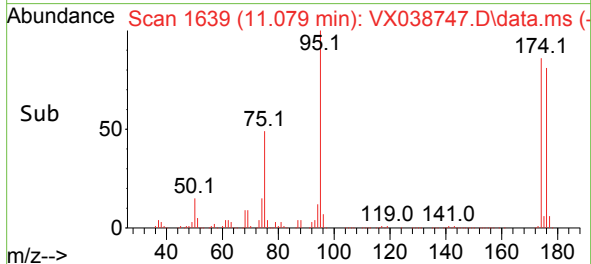
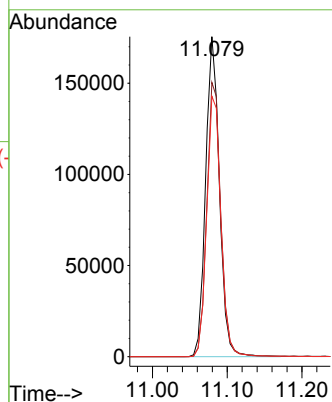
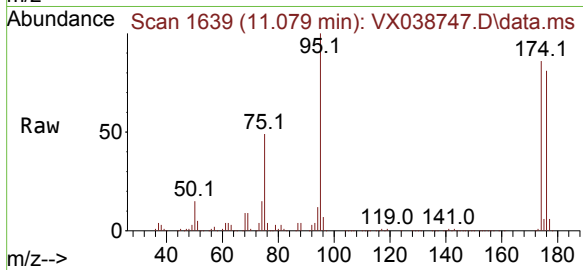




#62
4-Bromofluorobenzene
Concen: 50.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

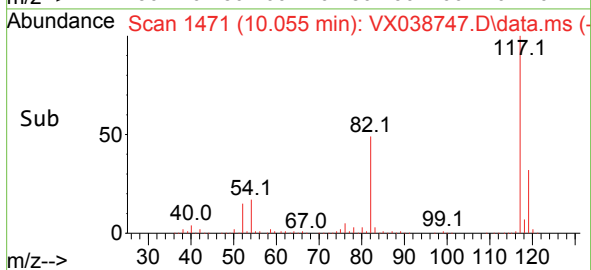
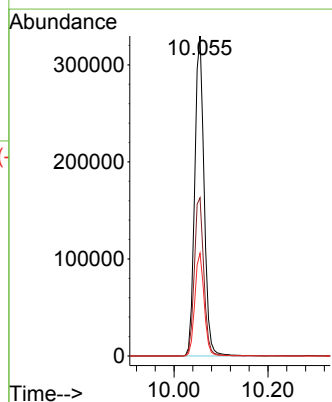
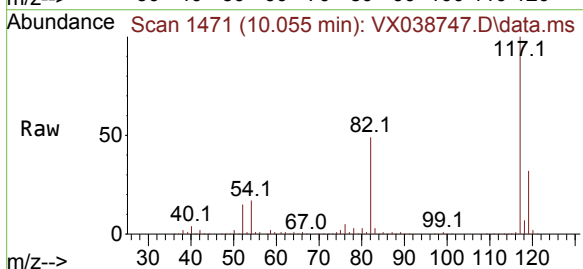
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

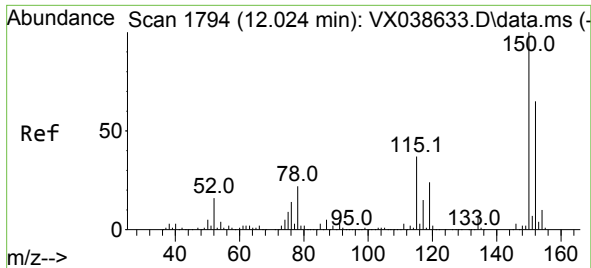
Tgt Ion: 95 Resp: 224149
Ion Ratio Lower Upper
95 100
174 87.8 0.0 135.6
176 84.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

Tgt Ion: 117 Resp: 461028
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.1 25.5 38.3

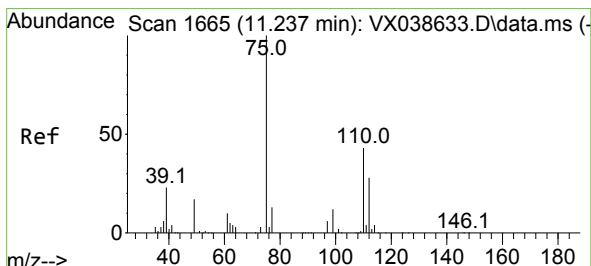
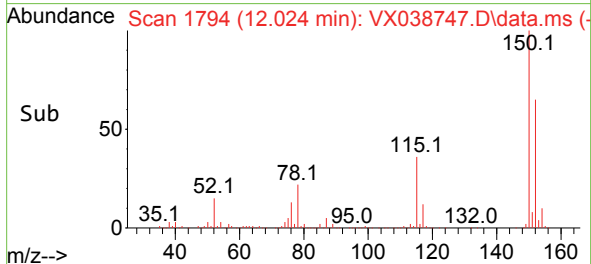
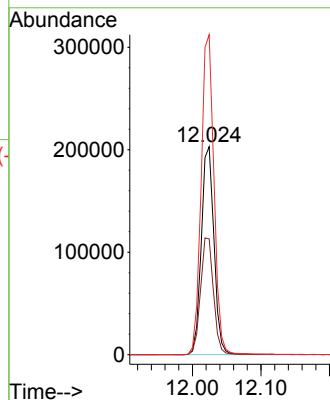
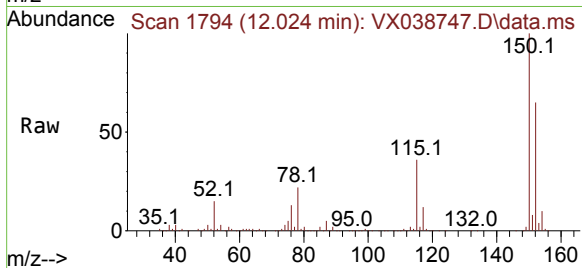




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038747.D
 Acq: 11 Nov 2023 00:31

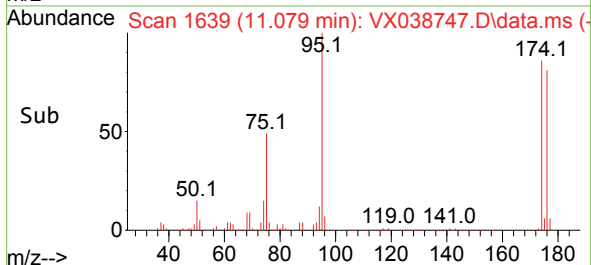
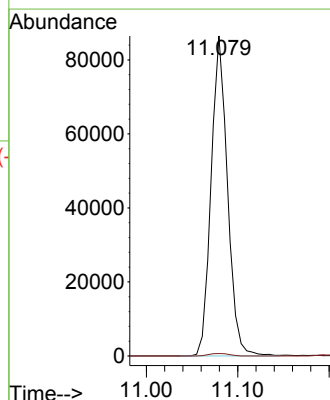
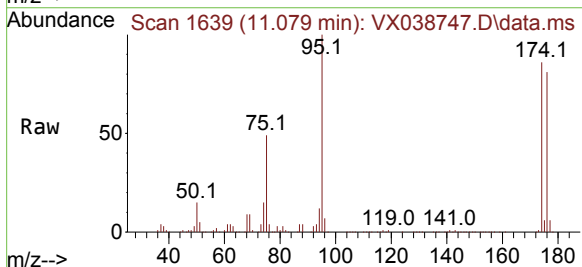
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBL02

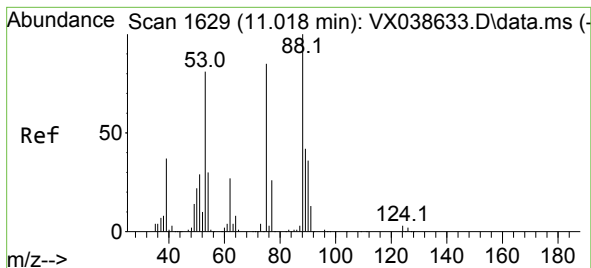
Tgt Ion:152 Resp: 262489
 Ion Ratio Lower Upper
 152 100
 115 57.3 43.3 129.9
 150 155.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.683 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038747.D
 Acq: 11 Nov 2023 00:31

Tgt Ion: 75 Resp: 107521
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

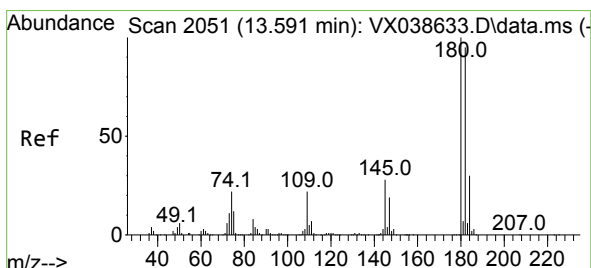
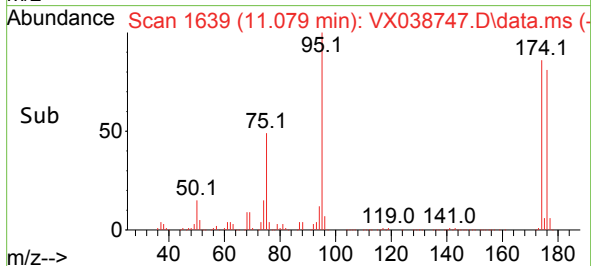
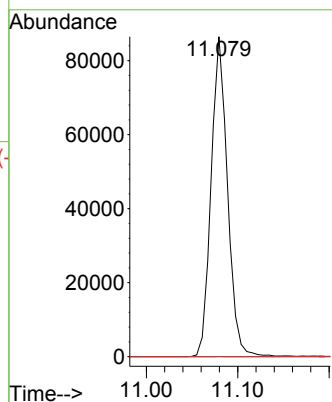
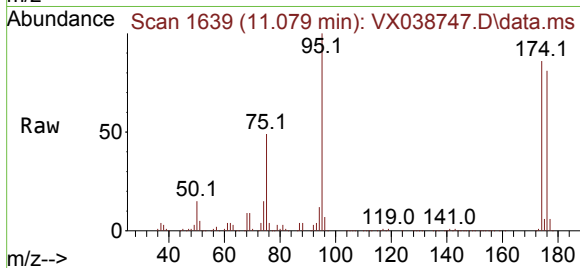




#81
trans-1,4-Dichloro-2-butene
Concen: 62.977 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

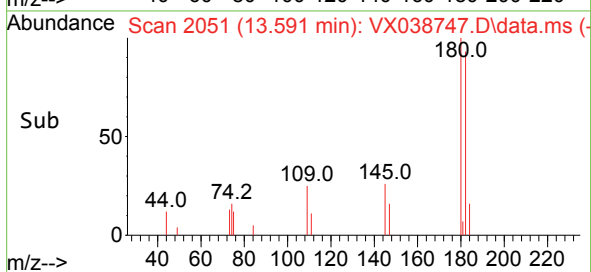
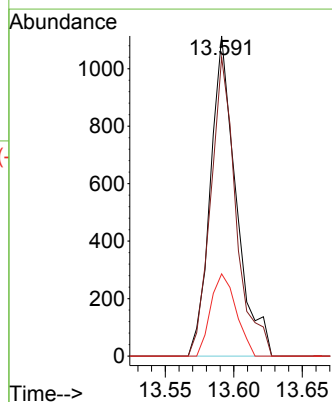
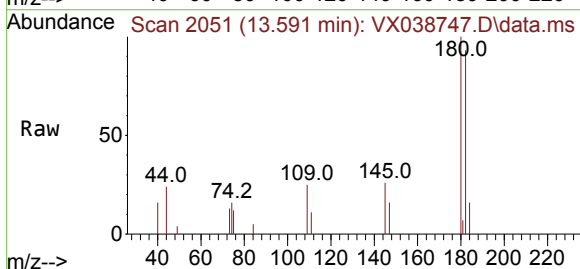
Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL02

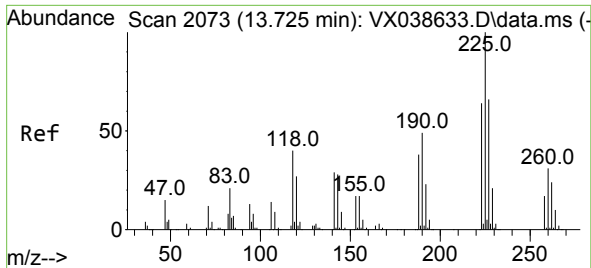
Tgt Ion: 75 Resp: 107521
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX038747.D
Acq: 11 Nov 2023 00:31

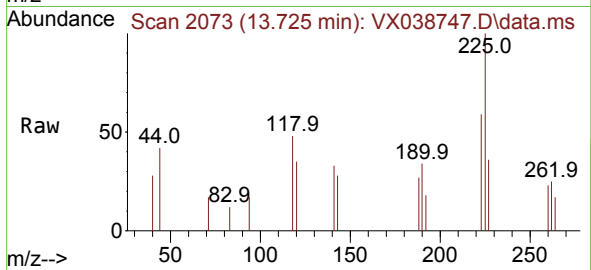
Tgt Ion:180 Resp: 1460
Ion Ratio Lower Upper
180 100
182 91.2 48.3 144.8
145 25.2 18.0 54.0





#94
 Hexachlorobutadiene
 Concen: 0.212 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX038747.D
 Acq: 11 Nov 2023 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBL02



Tgt Ion:	225	Resp:	541
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	46.4	32.5	97.5

