

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038348.D
 Acq On : 18 Oct 2023 09:34
 Operator : JC/MD
 Sample : VX1018MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

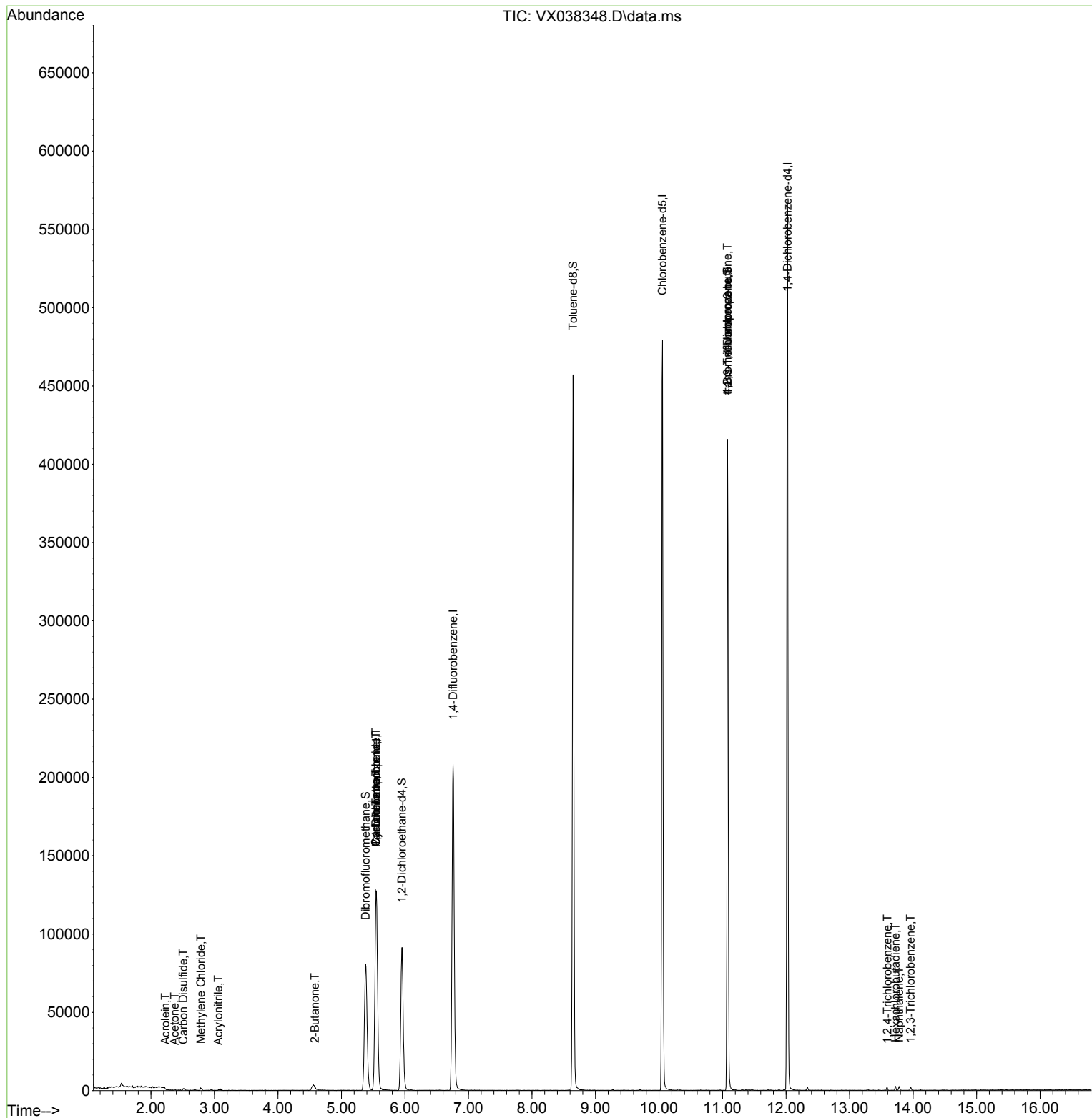
Internal Standards						
1) Pentafluorobenzene	5.550	168	121786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86061	43.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.860%
35) Dibromofluoromethane	5.379	113	70818	45.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	8.647	98	268547	44.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.880%#
62) 4-Bromofluorobenzene	11.079	95	102435	45.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	204	Below Cal	#	3
6) Chloroethane	1.685	64	109	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	439	Below Cal	#	78
13) Acrolein	2.227	56	116	0.417	ug/l	# 36
15) Acrylonitrile	3.062	53	418	0.469	ug/l	# 86
16) Acetone	2.373	43	475	0.581	ug/l	92
17) Carbon Disulfide	2.508	76	1501	0.467	ug/l	98
20) Methylene Chloride	2.788	84	652	0.424	ug/l	93
25) 2-Butanone	4.580	43	279	0.212	ug/l	# 51
31) Cyclohexane	5.544	56	2990	1.409	ug/l	# 12
36) 1,1-Dichloropropene	5.544	75	10021	4.647	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	12984	6.121	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	57202	21.595	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	57202	62.004	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	586	0.237	ug/l	95
94) Hexachlorobutadiene	13.725	225	457	0.460	ug/l	84
95) Naphthalene	13.780	128	1829	0.213	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	597	0.250	ug/l	94

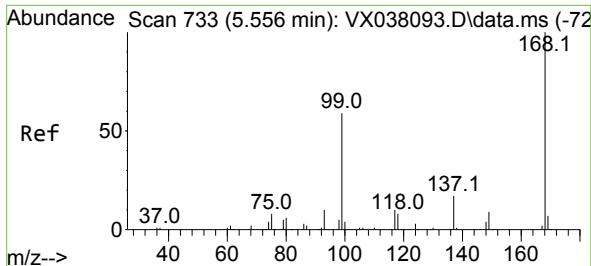
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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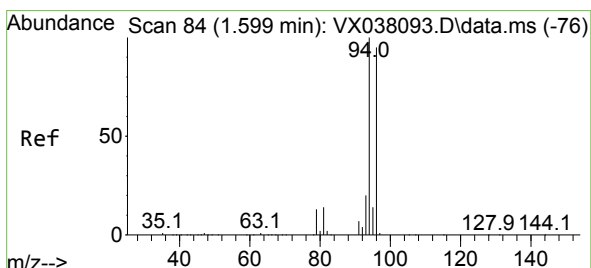
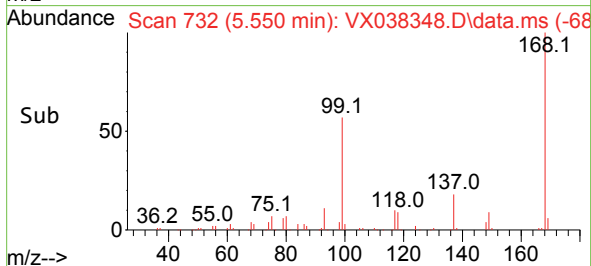
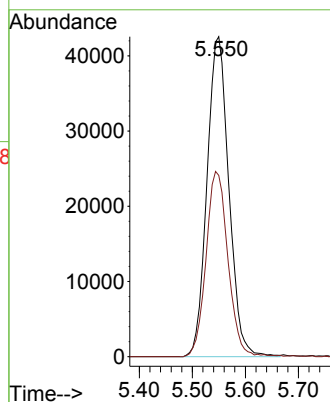
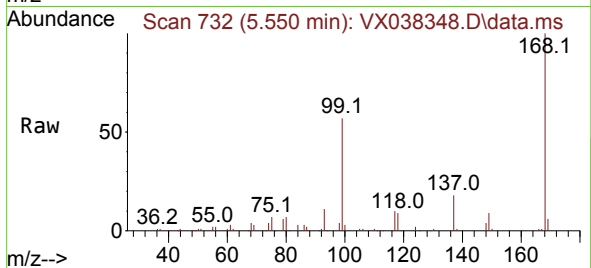




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

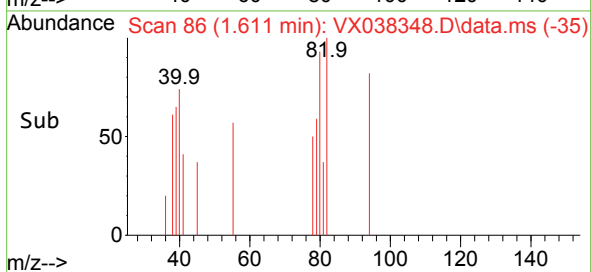
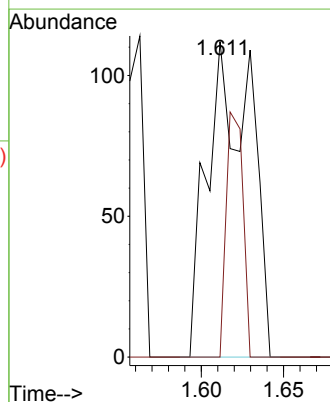
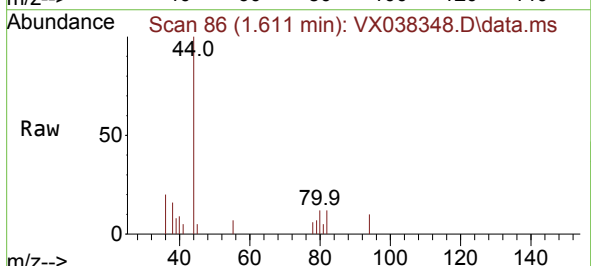
Instrument :
MSVOA_X
ClientSampleId :

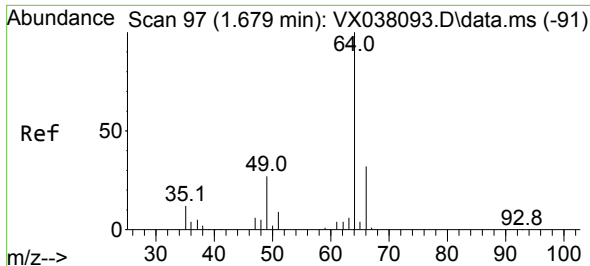
Tgt Ion:168 Resp: 121786
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

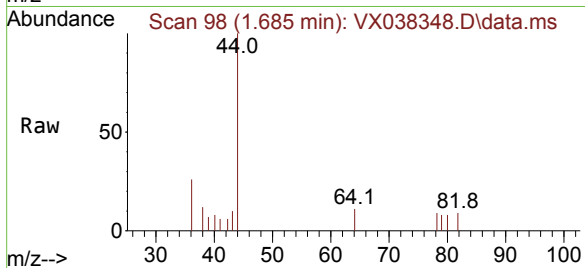
Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



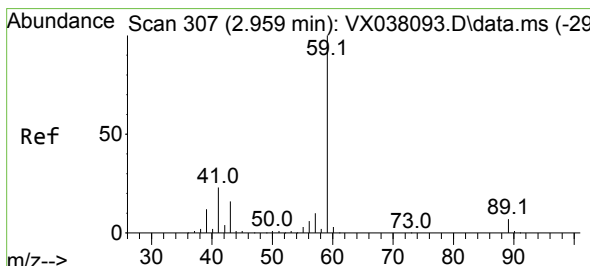
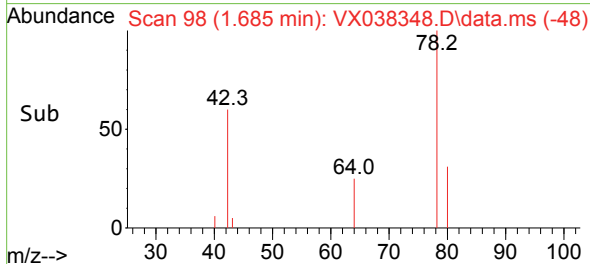
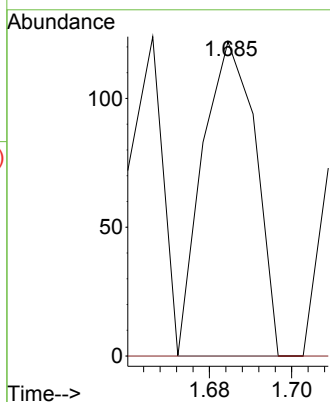


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
MSVOA_X
ClientSampleId :

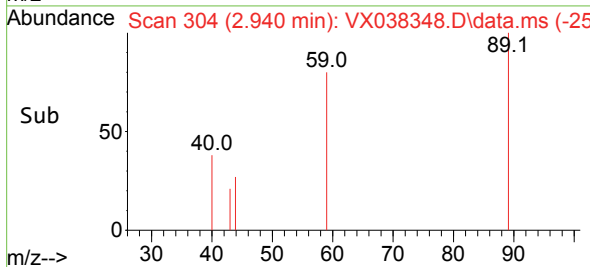
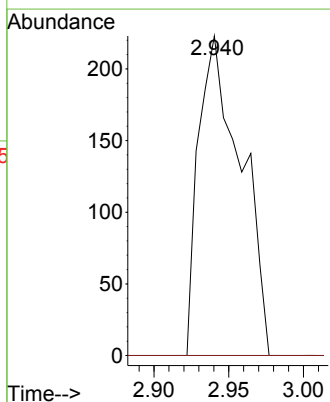
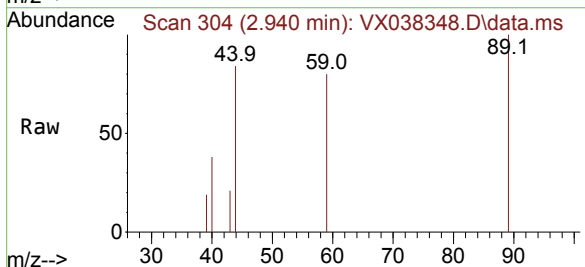


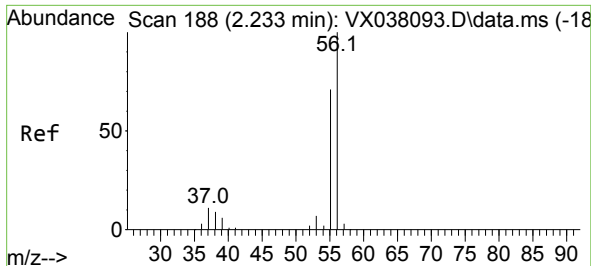
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

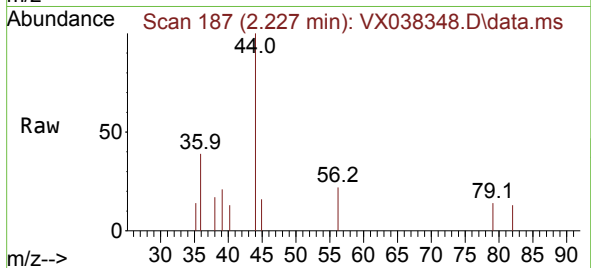
Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



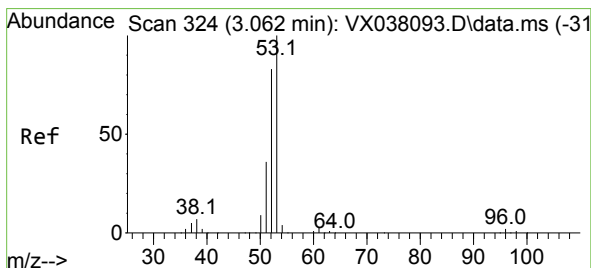
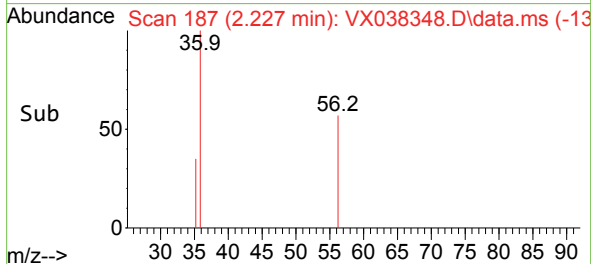
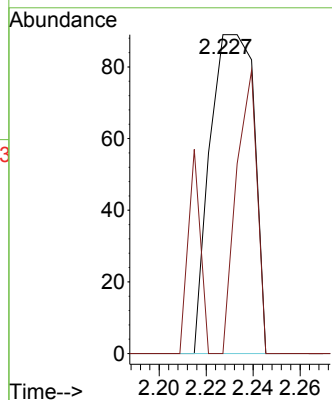


#13
Acrolein
Concen: 0.417 ug/l
RT: 2.227 min Scan# 116
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
MSVOA_X
ClientSampleId :

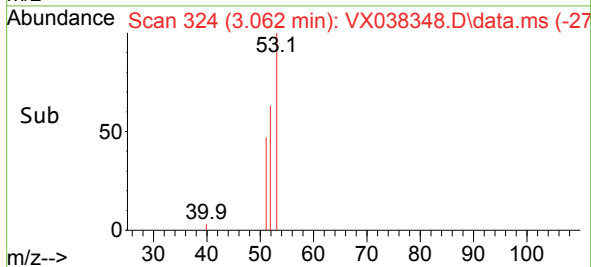
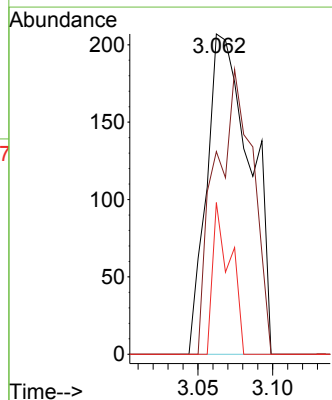
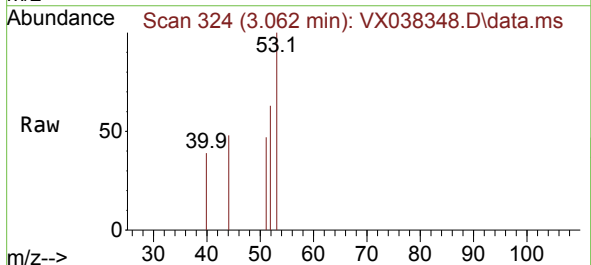


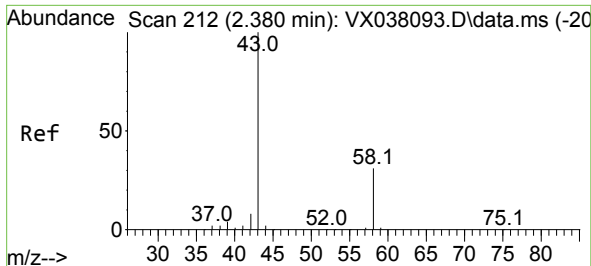
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 18.1 57.1 85.7#



#15
Acrylonitrile
Concen: 0.469 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

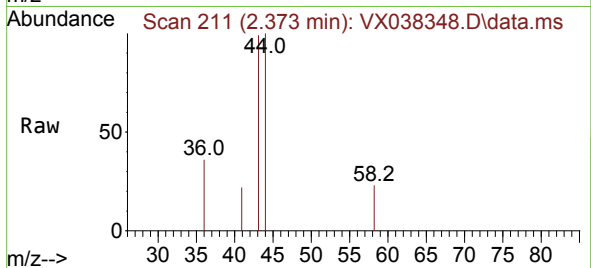
Tgt Ion: 53 Resp: 418
Ion Ratio Lower Upper
53 100
52 76.6 66.0 99.0
51 19.1 29.8 44.6#



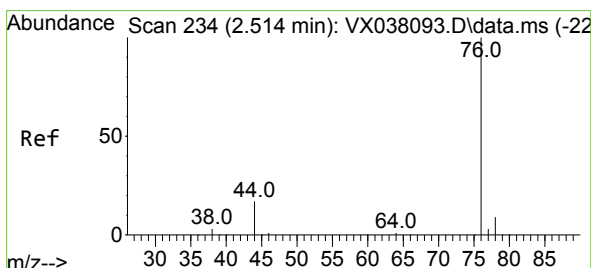
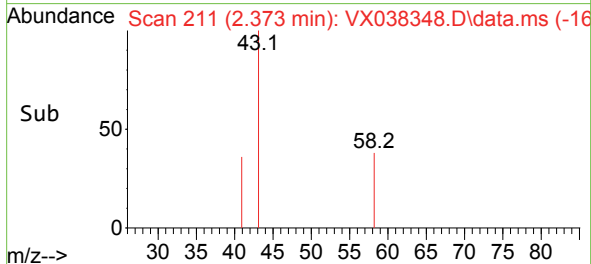
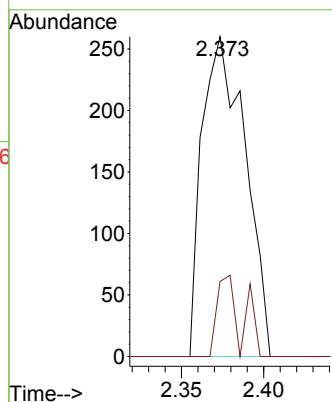


#16
Acetone
Concen: 0.581 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
MSVOA_X
ClientSampleId :

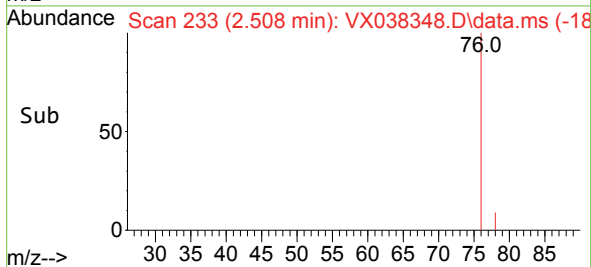
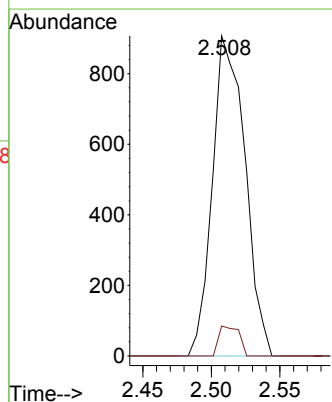
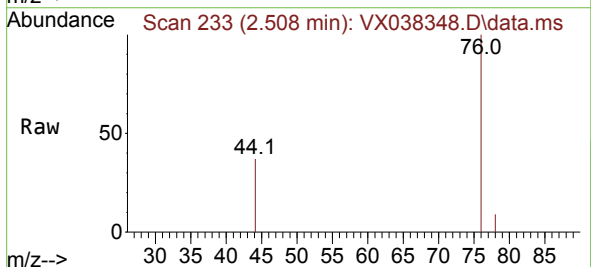


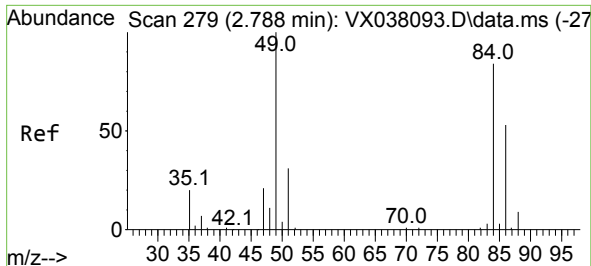
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
58 23.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.467 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

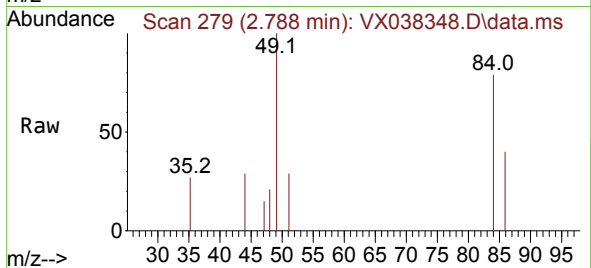
Tgt Ion: 76 Resp: 1501
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





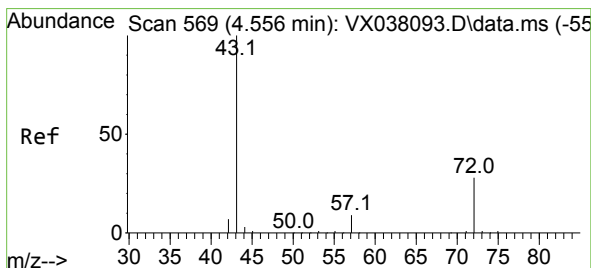
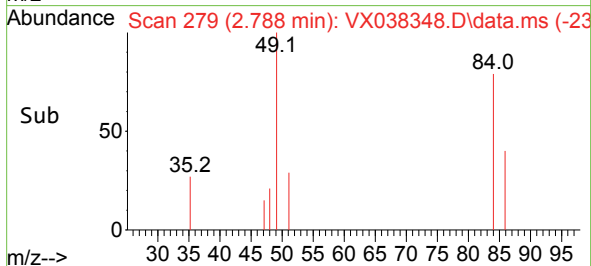
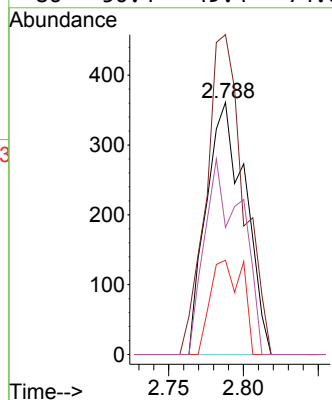
#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 652

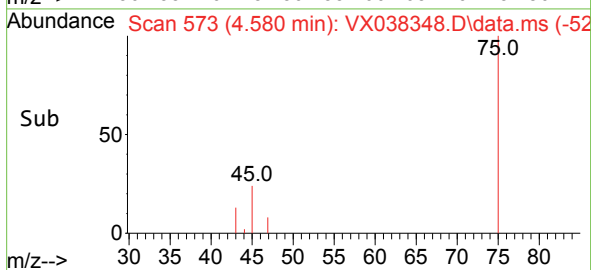
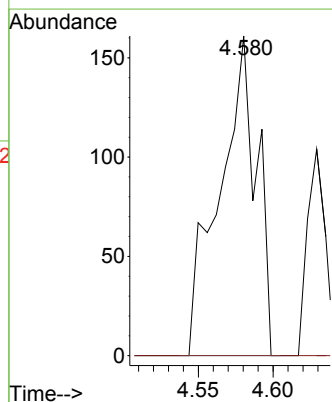
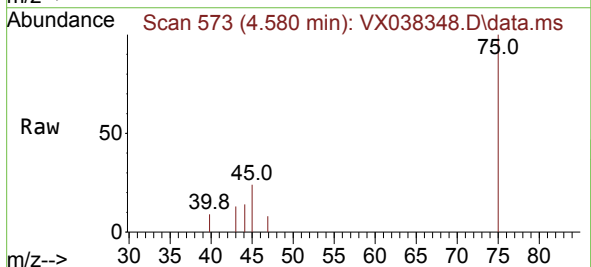
Ion	Ratio	Lower	Upper
84	100		
49	126.9	103.6	155.4
51	37.4	33.8	50.6
86	50.4	49.4	74.0

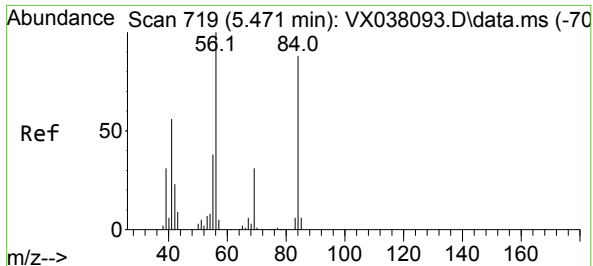


#25
2-Butanone
Concen: 0.212 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Tgt Ion: 43 Resp: 279

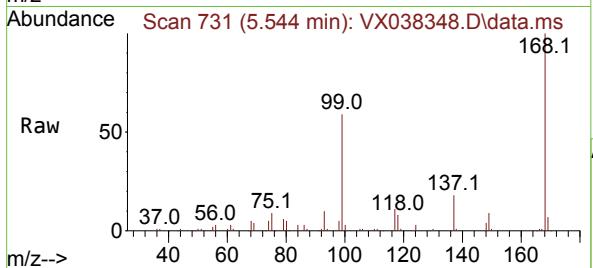
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



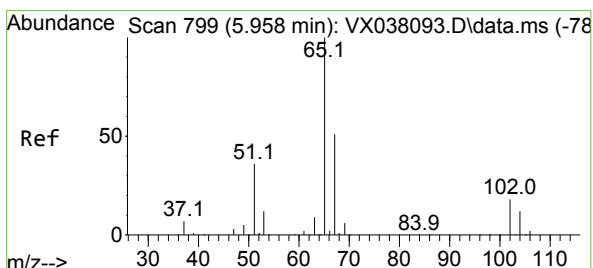
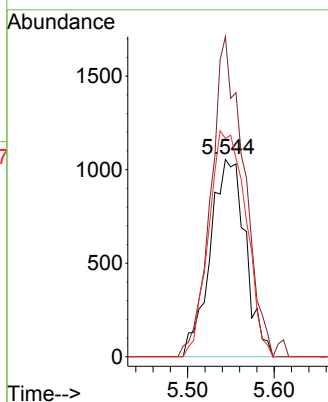
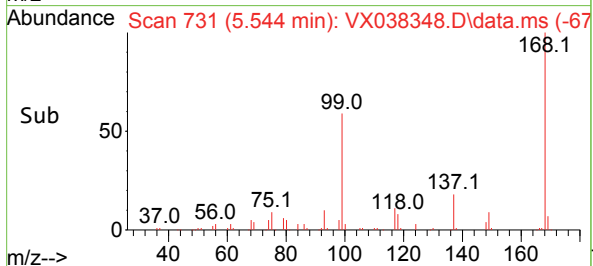


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
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ClientSampleId :

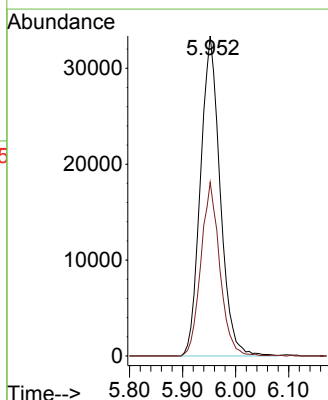
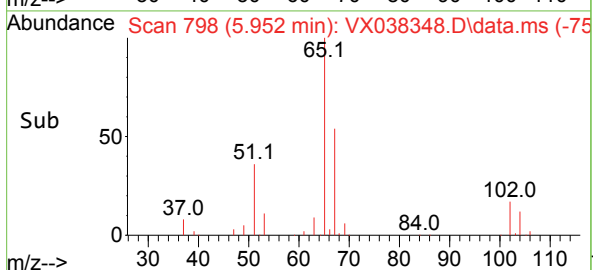
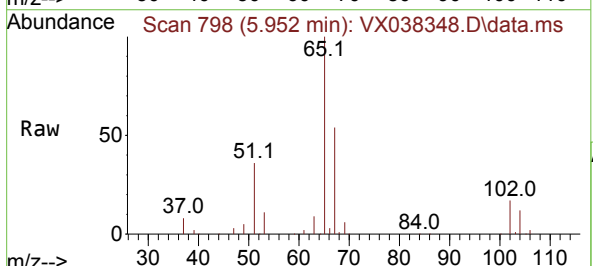


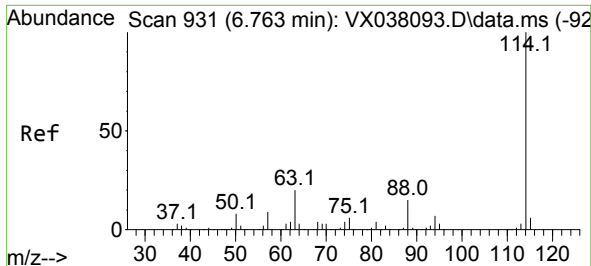
Tgt Ion: 56 Resp: 2990
Ion Ratio Lower Upper
56 100
69 162.2 23.4 35.2#
84 110.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.934 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Tgt Ion: 65 Resp: 86061
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

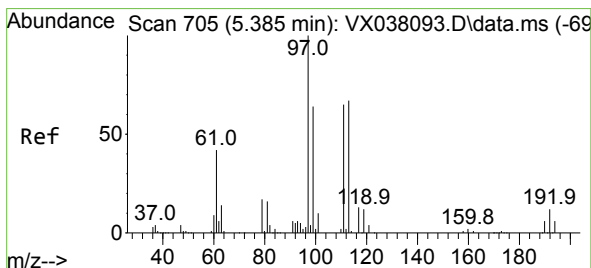
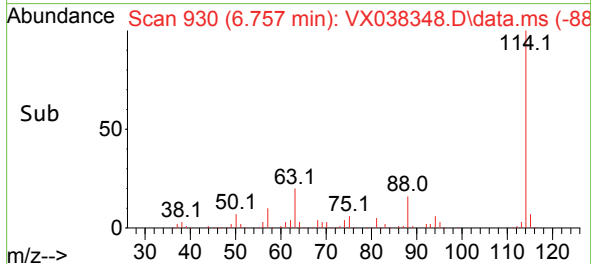
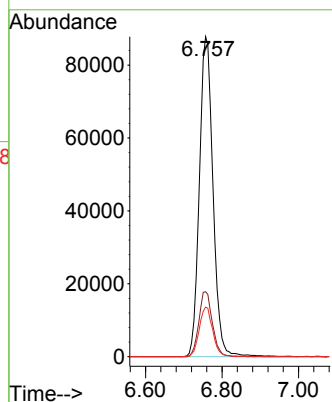
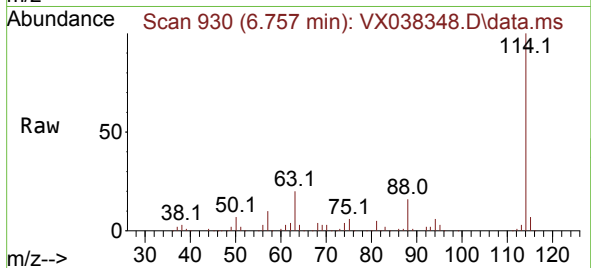




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

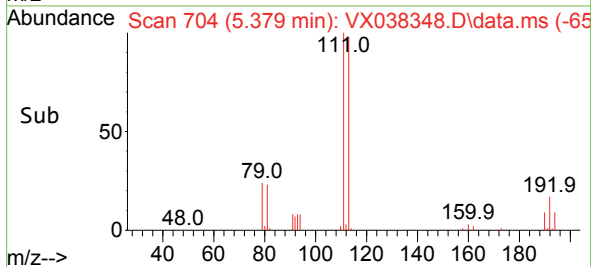
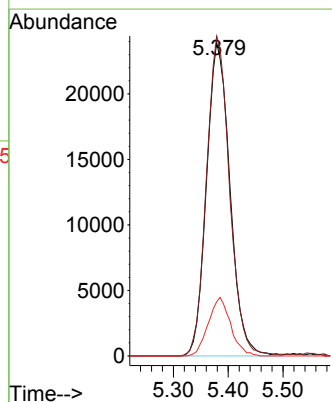
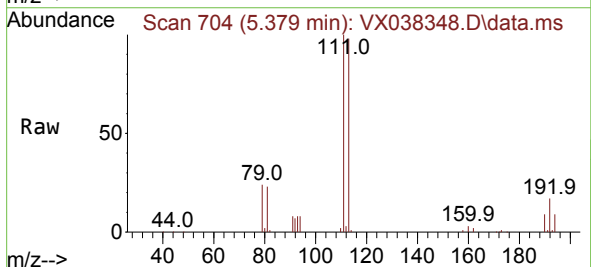
Instrument :
MSVOA_X
ClientSampleId :

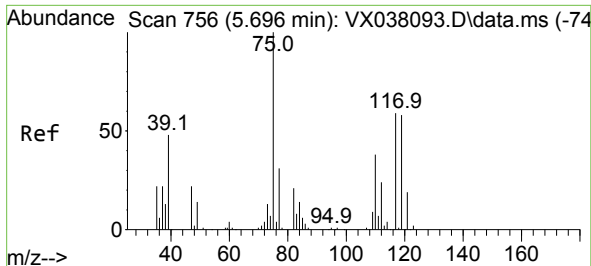
Tgt Ion:114 Resp: 217006
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.290 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

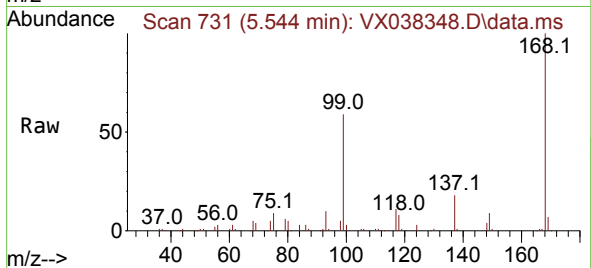
Tgt Ion:113 Resp: 70818
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 17.9 13.3 19.9



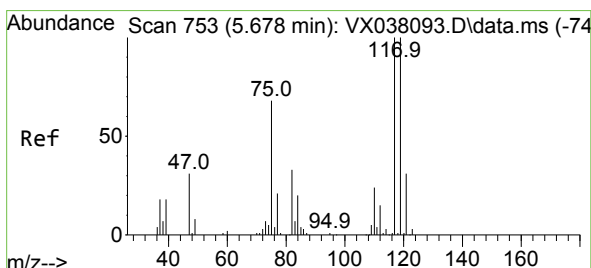
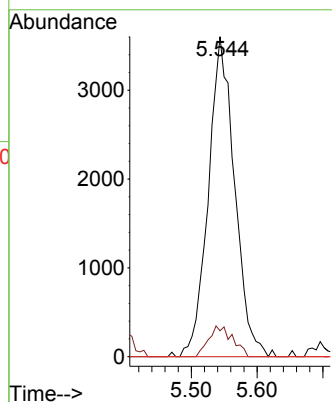
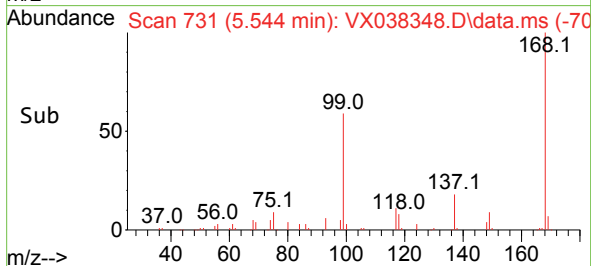


#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

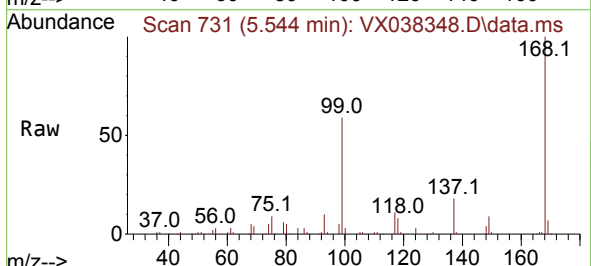
Instrument :
MSVOA_X
ClientSampleId :



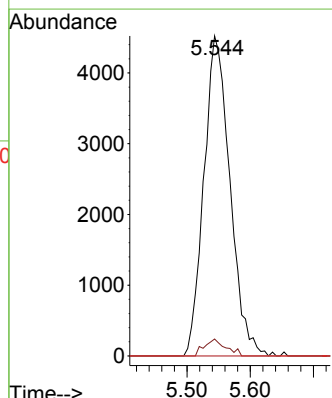
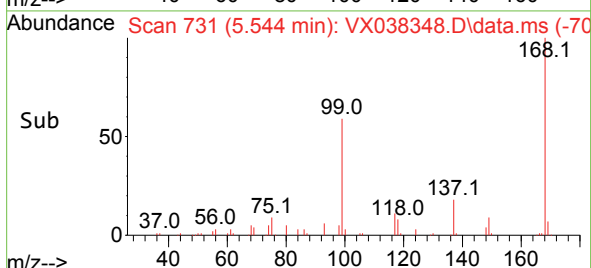
Tgt Ion: 75 Resp: 10021
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#

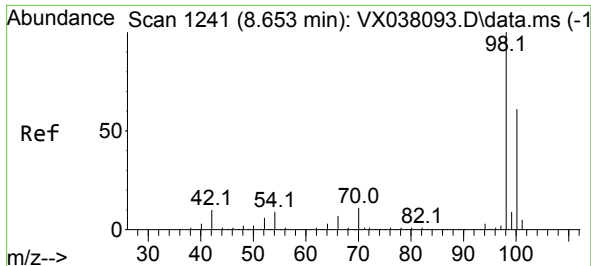


#38
Carbon Tetrachloride
Concen: 6.121 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34



Tgt Ion: 117 Resp: 12984
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

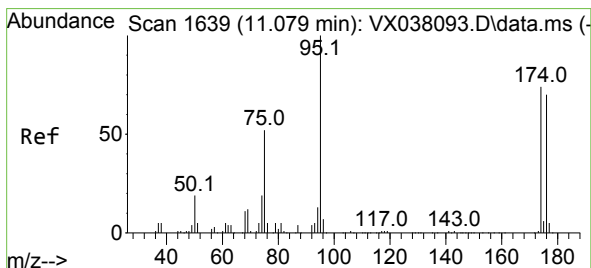
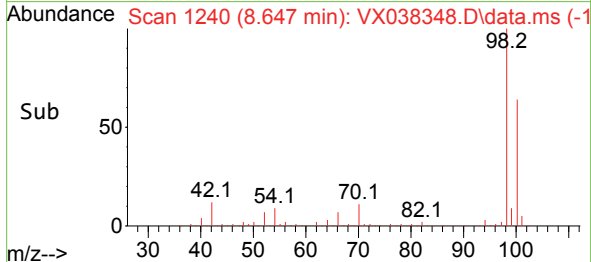
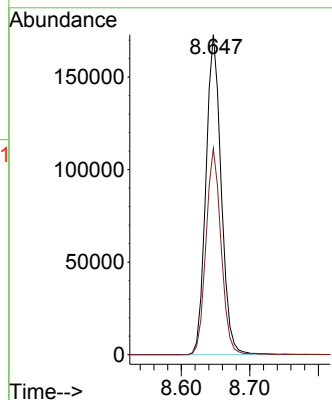
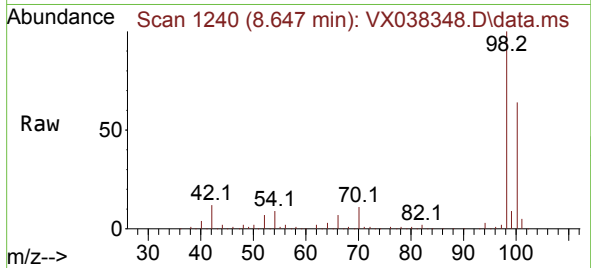




#50
Toluene-d8
Concen: 44.944 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

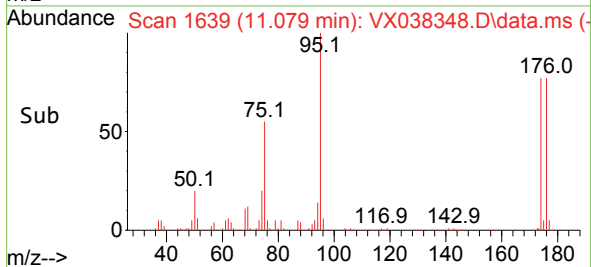
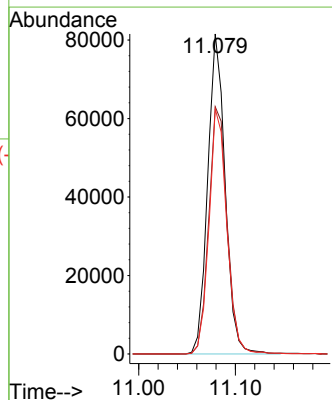
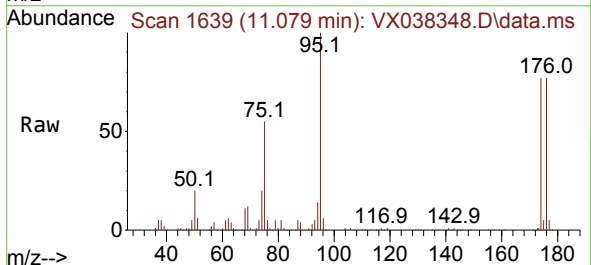
Instrument :
MSVOA_X
ClientSampleId :

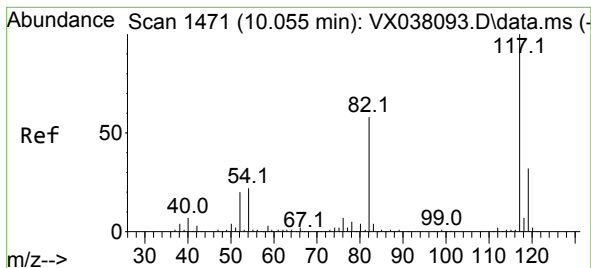
Tgt Ion: 98 Resp: 268547
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Tgt Ion: 95 Resp: 102435
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 78.2 0.0 131.0

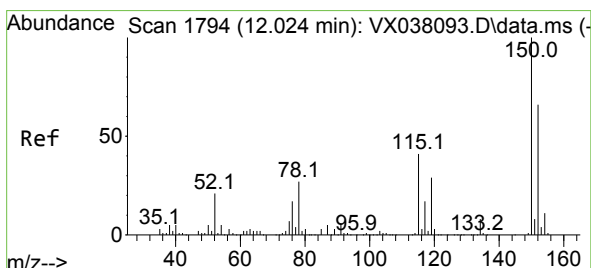
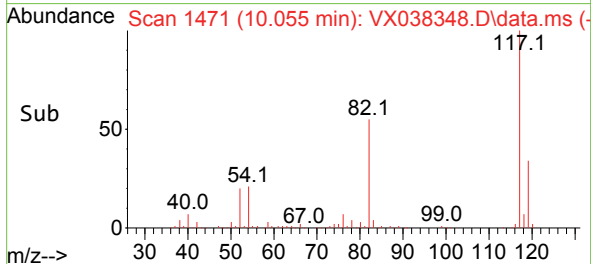
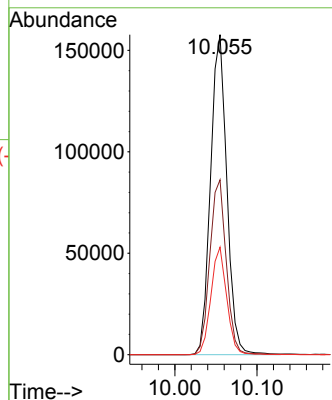
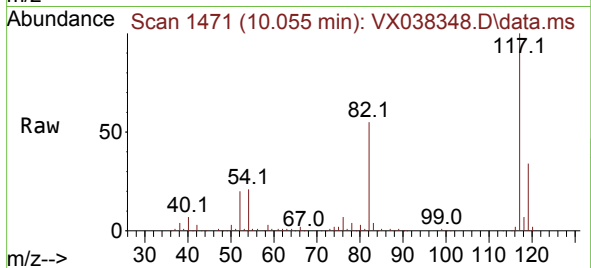




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

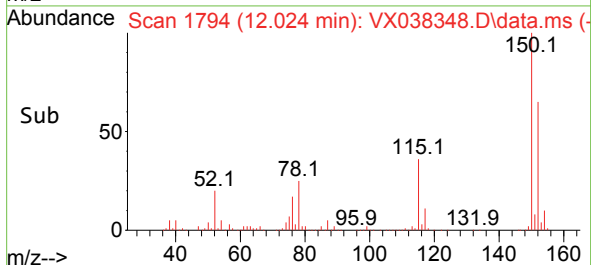
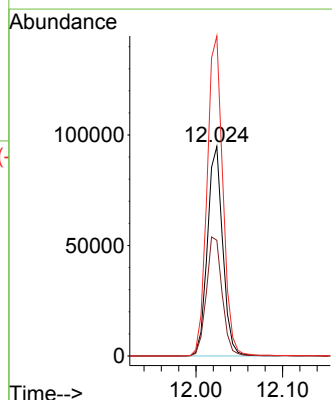
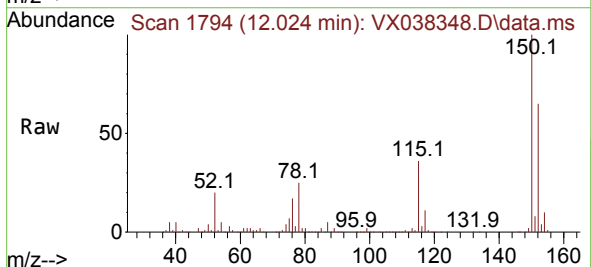
Instrument :
MSVOA_X
ClientSampleId :

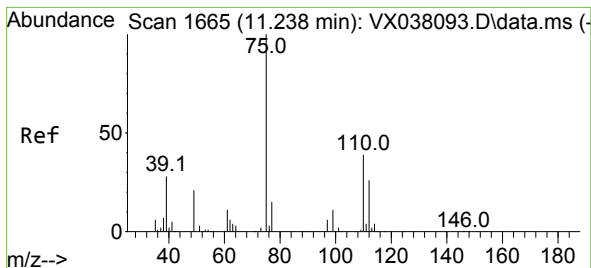
Tgt Ion:117 Resp: 217277
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 33.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Tgt Ion:152 Resp: 116514
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038348.D

Acq: 18 Oct 2023 09:34

Instrument :

MSVOA_X

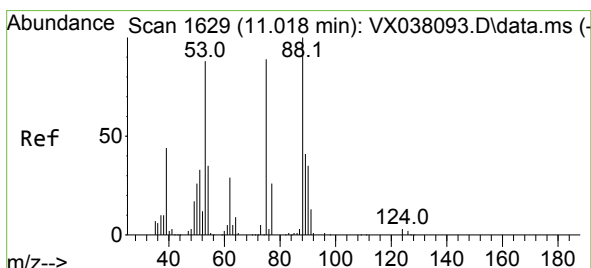
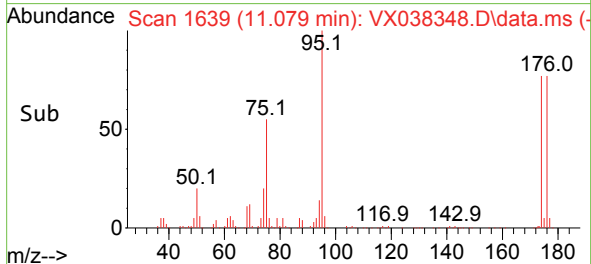
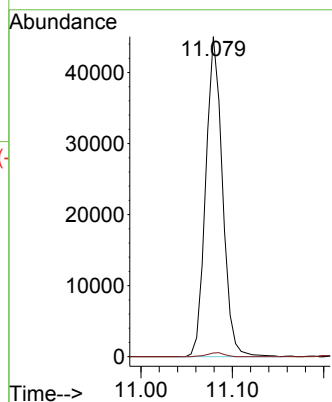
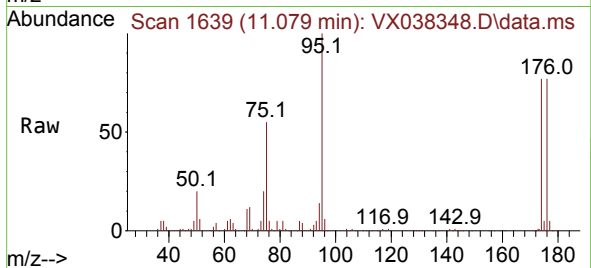
ClientSampleId :

Tgt Ion: 75 Resp: 57202

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.004 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038348.D

Acq: 18 Oct 2023 09:34

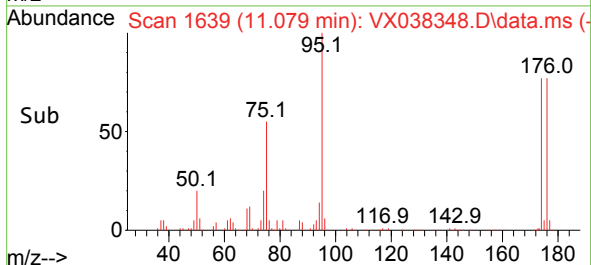
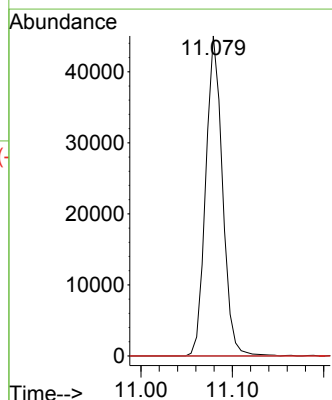
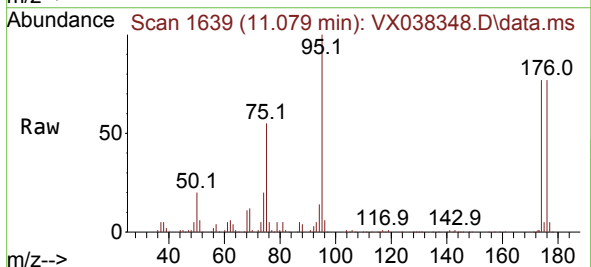
Tgt Ion: 75 Resp: 57202

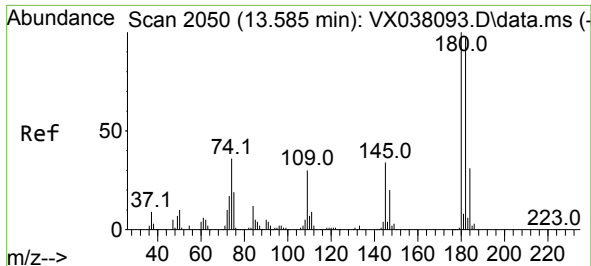
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

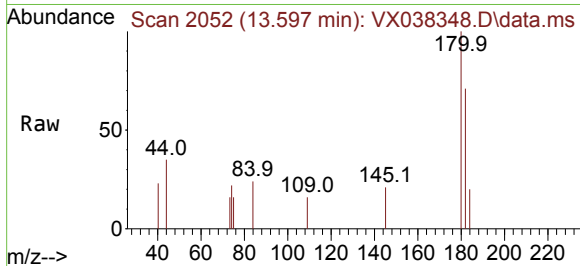
89 0.0 36.9 55.3#



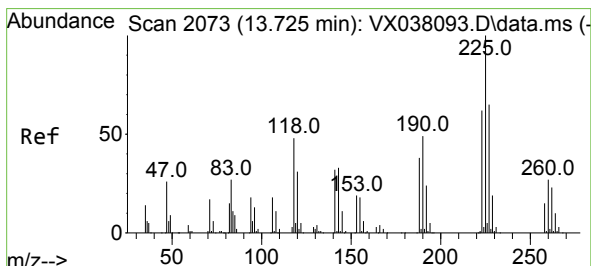
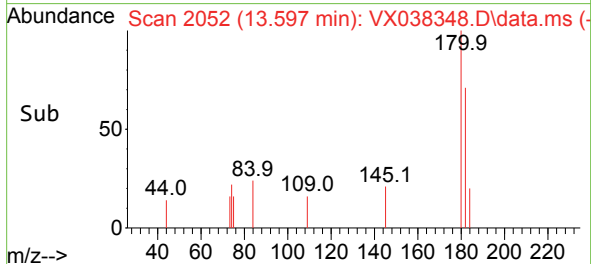
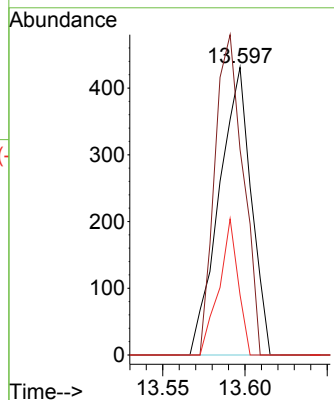


#93
1,2,4-Trichlorobenzene
Concen: 0.237 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Instrument :
MSVOA_X
ClientSampleId :

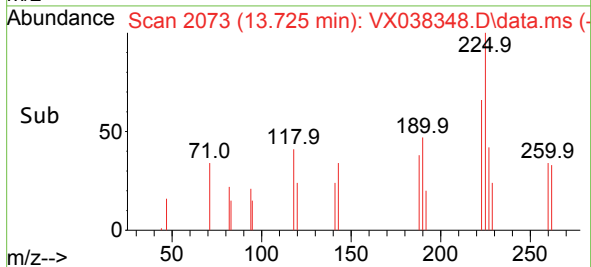
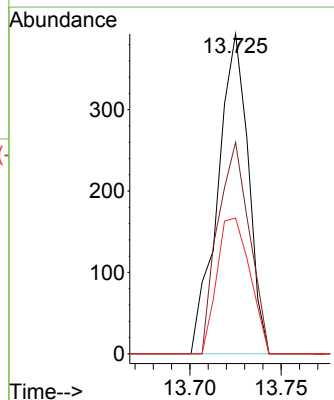
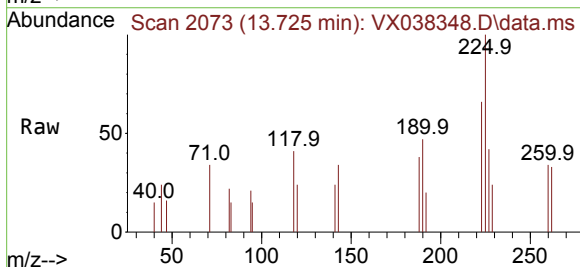


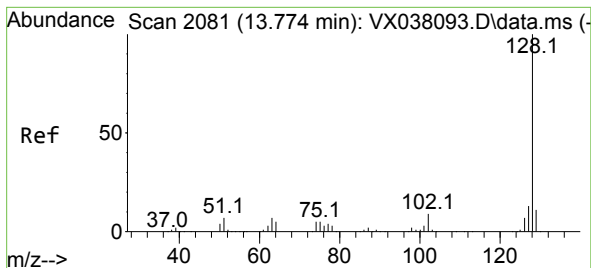
Tgt Ion:180 Resp: 586
Ion Ratio Lower Upper
180 100
182 97.8 48.3 144.8
145 28.2 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.460 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038348.D
Acq: 18 Oct 2023 09:34

Tgt Ion:225 Resp: 457
Ion Ratio Lower Upper
225 100
223 68.3 31.1 93.2
227 45.7 32.5 97.5





#95

Naphthalene

Concen: 0.213 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

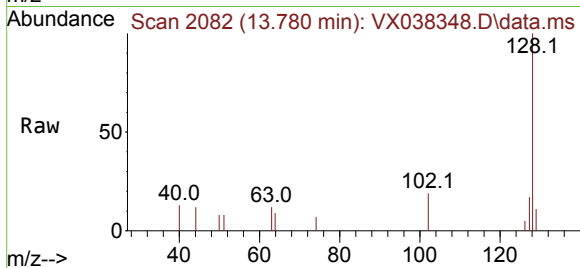
Lab File: VX038348.D

Acq: 18 Oct 2023 09:34

Instrument :

MSVOA_X

ClientSampleId :



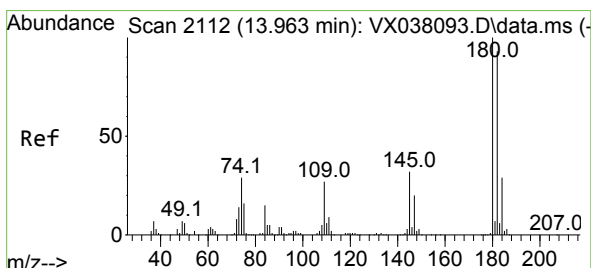
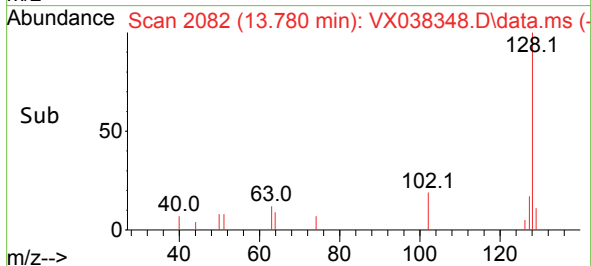
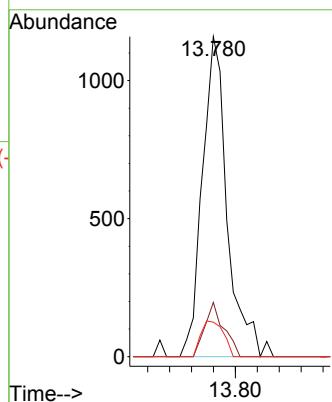
Tgt Ion:128 Resp: 1829

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.250 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038348.D

Acq: 18 Oct 2023 09:34

Tgt Ion:180 Resp: 597

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 25.6 17.8 53.5

