

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040397.D
 Acq On : 22 Feb 2024 13:27
 Operator : JC/MD
 Sample : VX0222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Quant Time: Feb 23 00:05:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

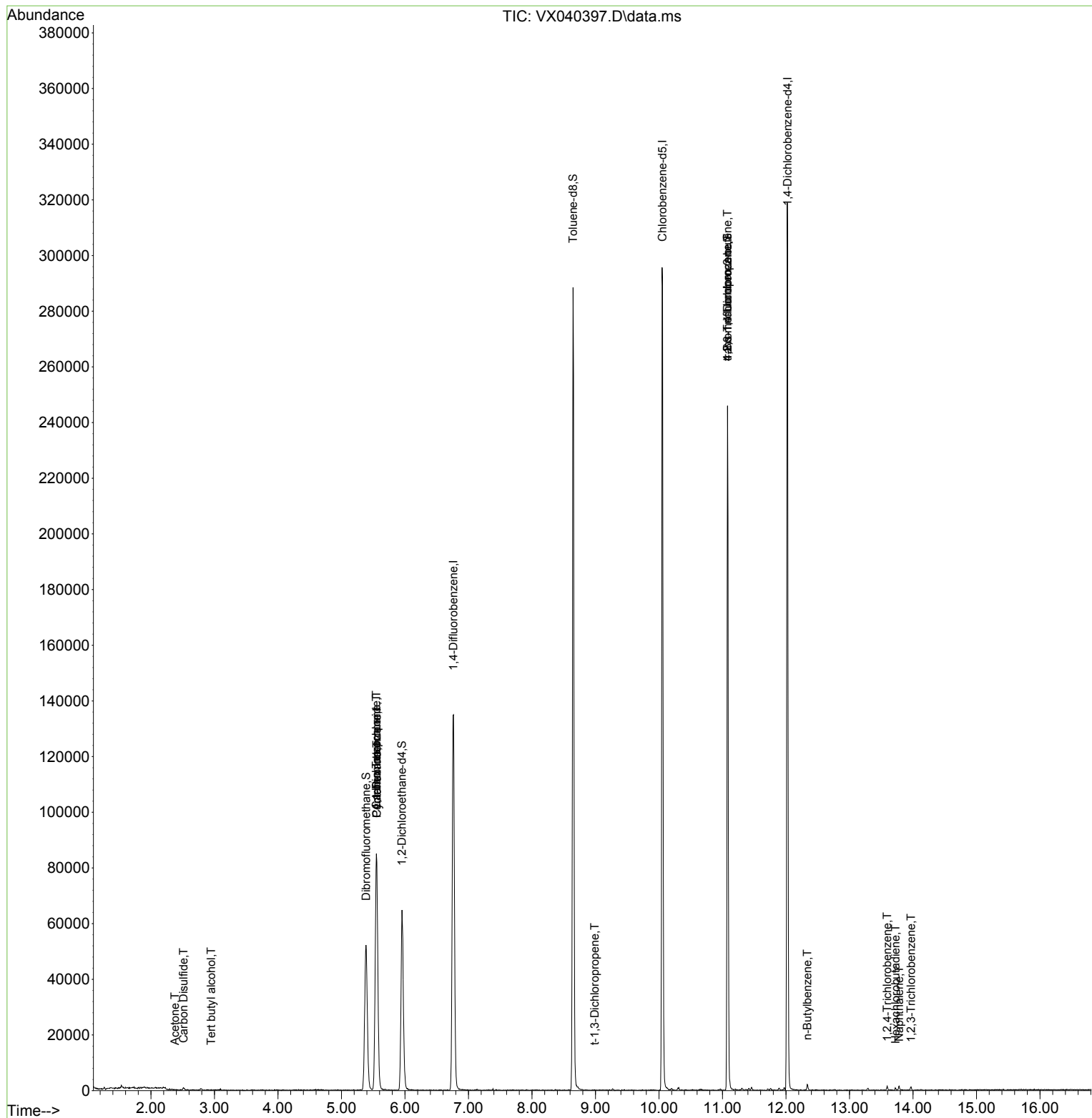
Internal Standards						
1) Pentafluorobenzene	5.556	168	76259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60143	53.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.020%			
35) Dibromofluoromethane	5.385	113	44700	47.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.420%			
50) Toluene-d8	8.647	98	164901	47.051	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.100%			
62) 4-Bromofluorobenzene	11.079	95	63861	44.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.360%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	57	0.258	ug/l #	78
16) Acetone	2.380	43	239	0.513	ug/l #	47
17) Carbon Disulfide	2.514	76	849	0.413	ug/l #	80
20) Methylene Chloride	2.794	84	233	Below Cal	#	69
31) Cyclohexane	5.556	56	1983	1.465	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	6905	5.261	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8262	6.621	ug/l #	14
53) t-1,3-Dichloropropene	8.988	75	72	2.001	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	35469	27.454	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	35469	75.171	ug/l #	5
89) n-Butylbenzene	12.335	91	803	0.213	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	518	0.372	ug/l	80
94) Hexachlorobutadiene	13.725	225	185	0.333	ug/l	90
95) Naphthalene	13.780	128	1352	0.307	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.969	180	437	0.329	ug/l	96

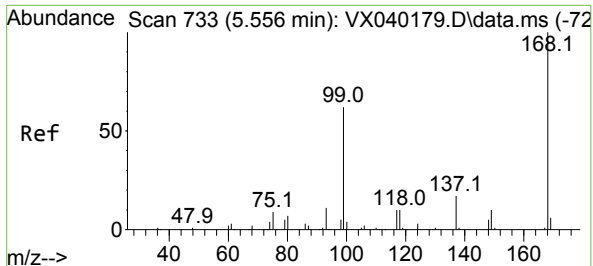
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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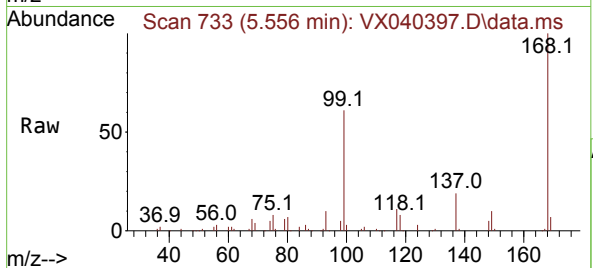
Quant Time: Feb 23 00:05:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
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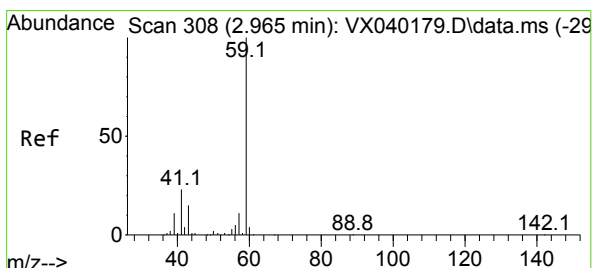
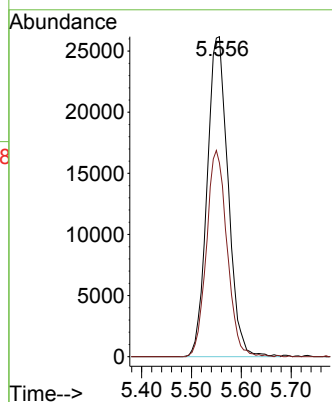
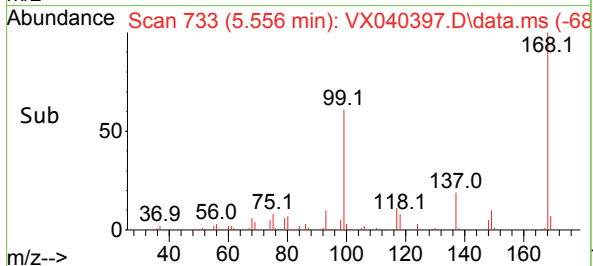


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

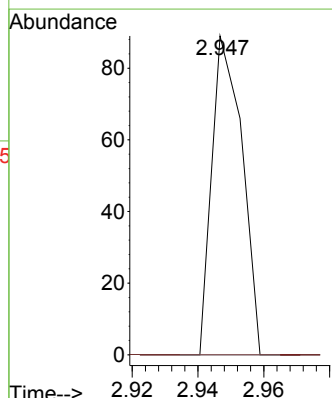
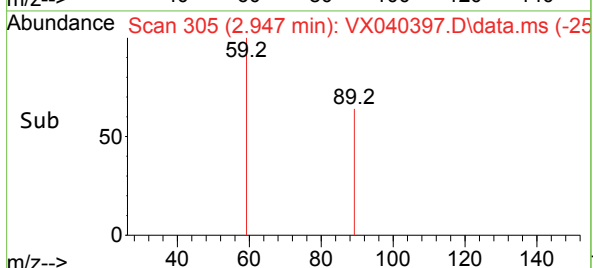
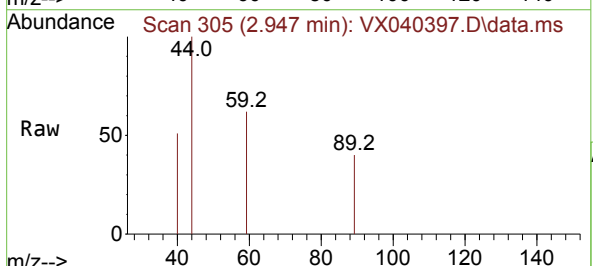


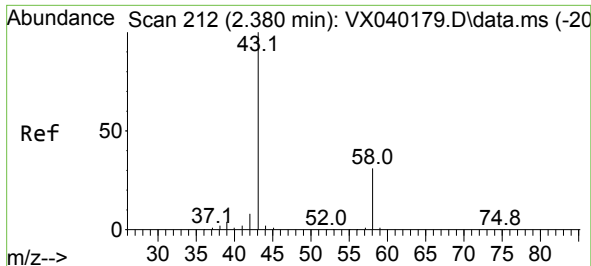
Tgt Ion:168 Resp: 76259
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.258 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

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

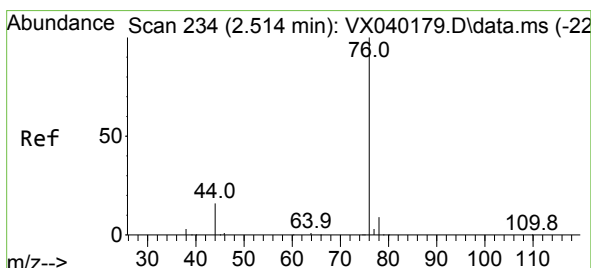
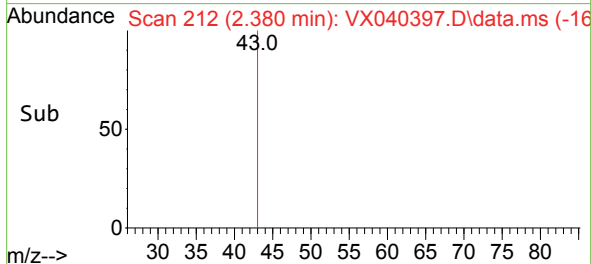
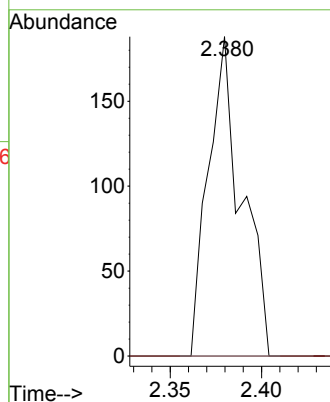
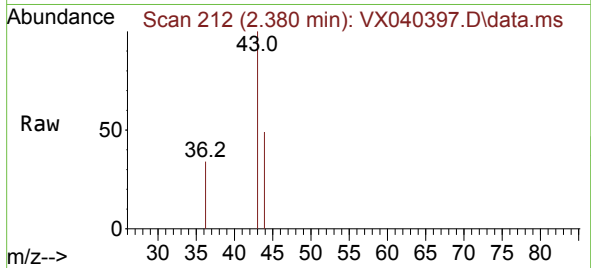




#16
Acetone
Concen: 0.513 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

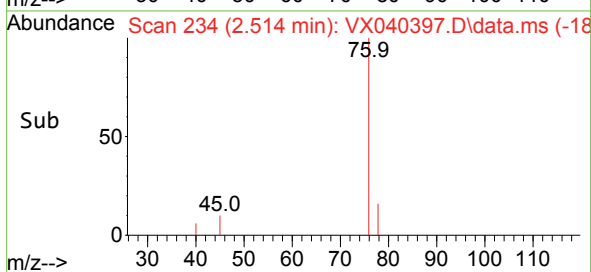
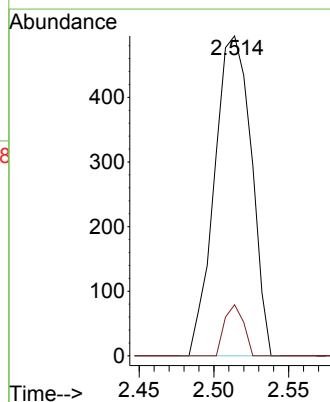
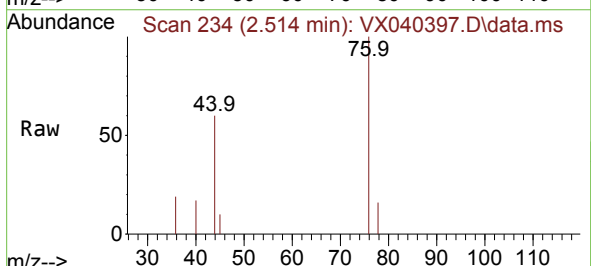
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

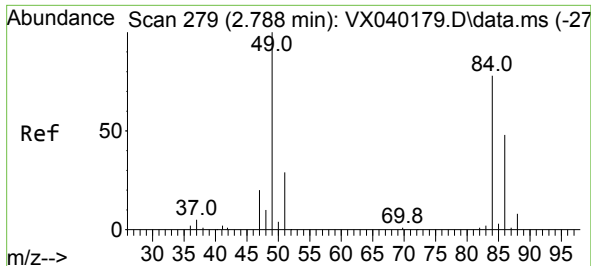
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

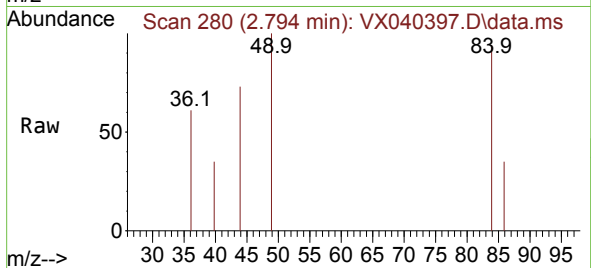
Tgt Ion: 76 Resp: 849
Ion Ratio Lower Upper
76 100
78 16.0 7.0 10.6#





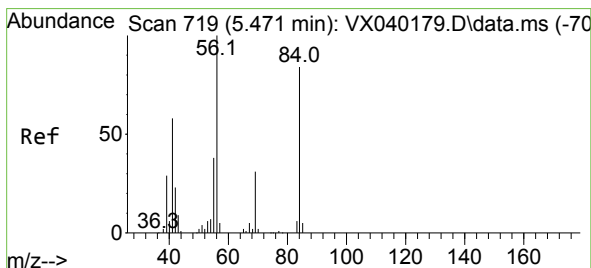
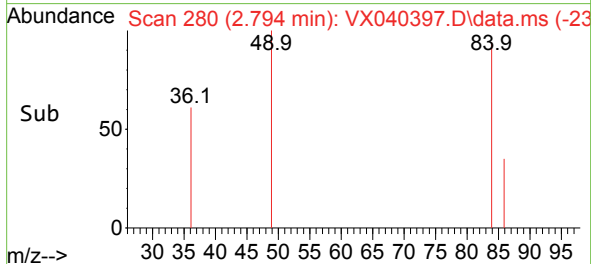
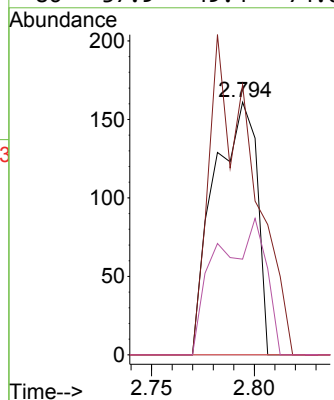
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01



Tgt Ion: 84 Resp: 233

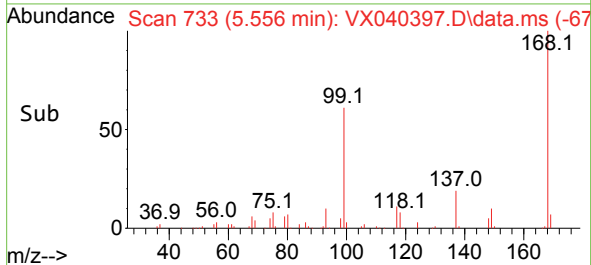
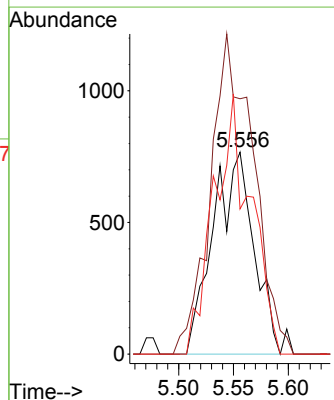
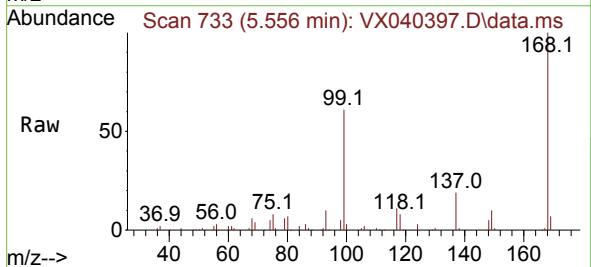
Ion	Ratio	Lower	Upper
84	100		
49	106.8	103.6	155.4
51	0.0	33.8	50.6#
86	37.9	49.4	74.0#

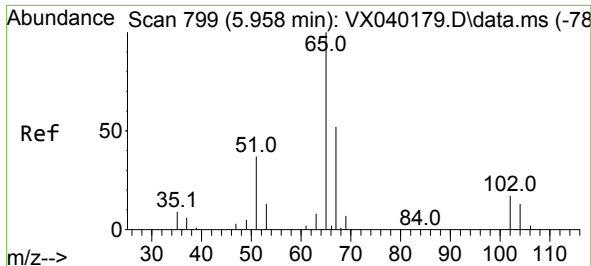


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 56 Resp: 1983

Ion	Ratio	Lower	Upper
56	100		
69	117.6	23.4	35.2#
84	71.8	65.9	98.9

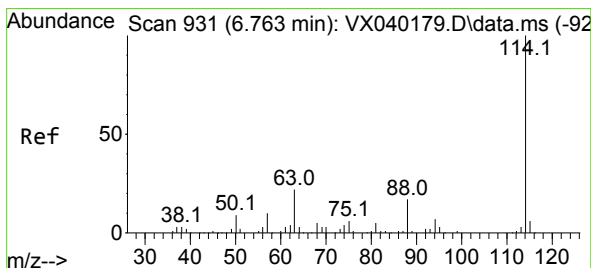
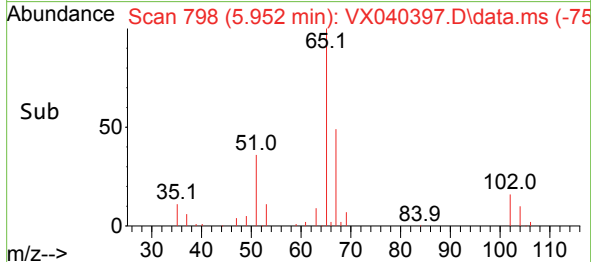
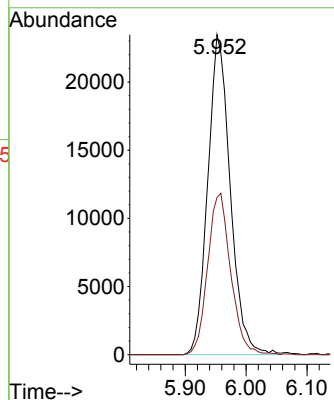
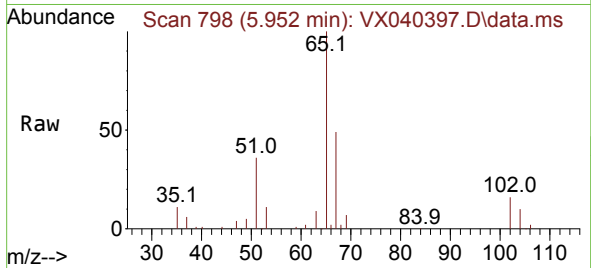




#33
 1,2-Dichloroethane-d4
 Concen: 53.012 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040397.D
 Acq: 22 Feb 2024 13:27

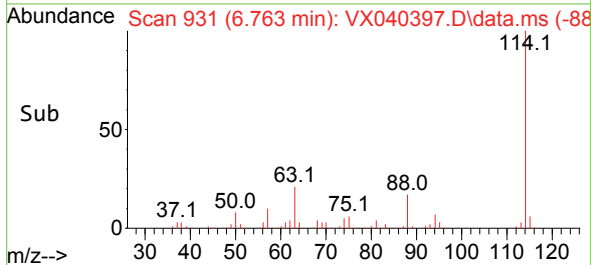
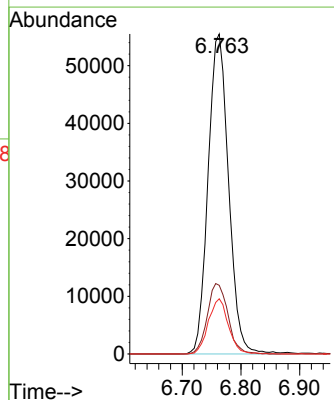
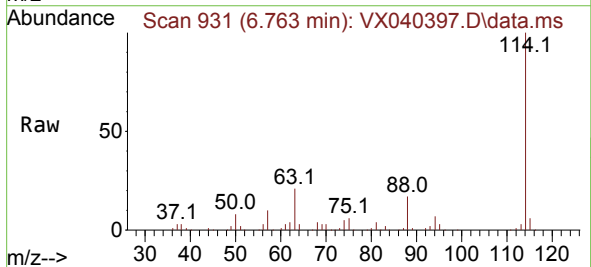
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

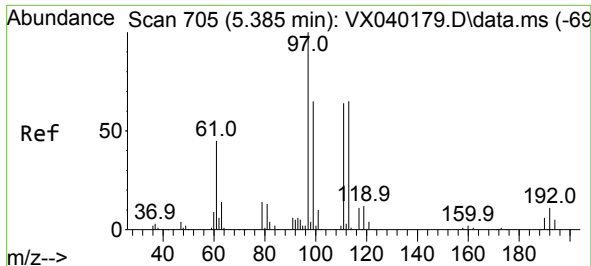
Tgt Ion: 65 Resp: 60143
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040397.D
 Acq: 22 Feb 2024 13:27

Tgt Ion: 114 Resp: 134163
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.0
 88 17.3 0.0 36.6

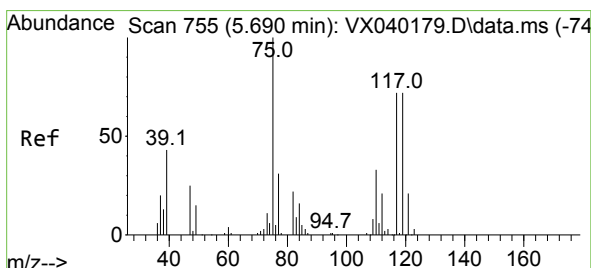
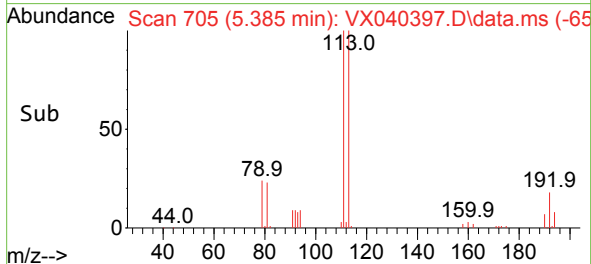
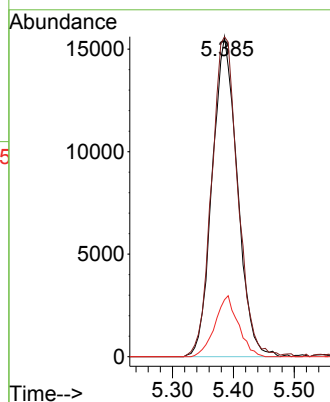
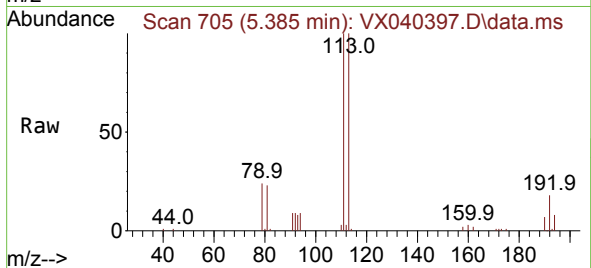




#35
Dibromofluoromethane
Concen: 47.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

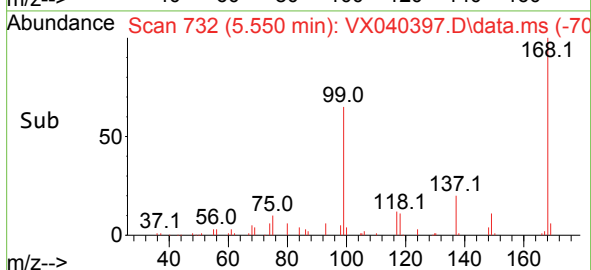
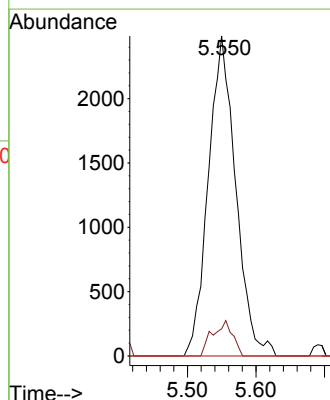
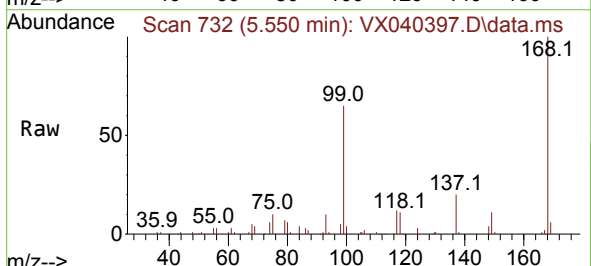
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

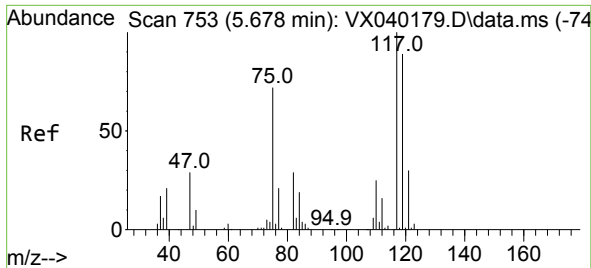
Tgt Ion:113 Resp: 44700
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 75 Resp: 6905
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#

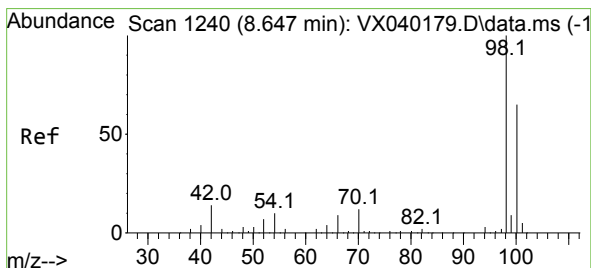
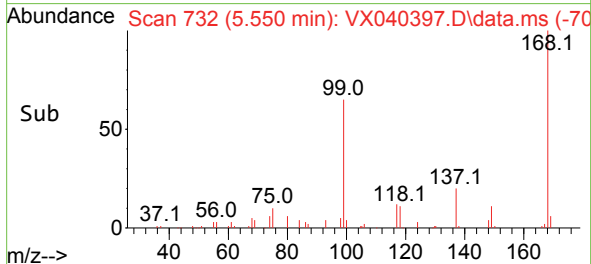
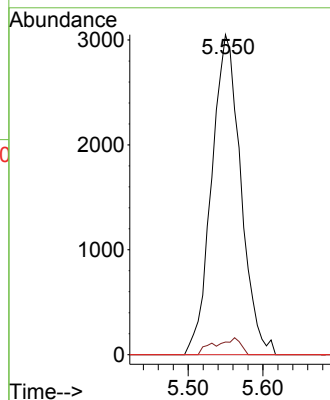
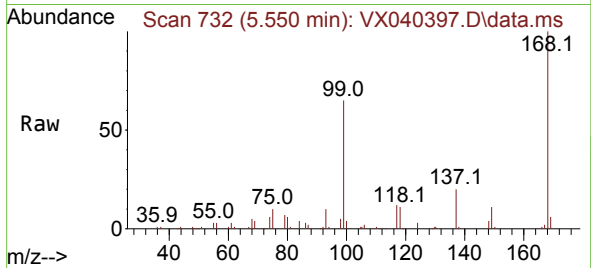




#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

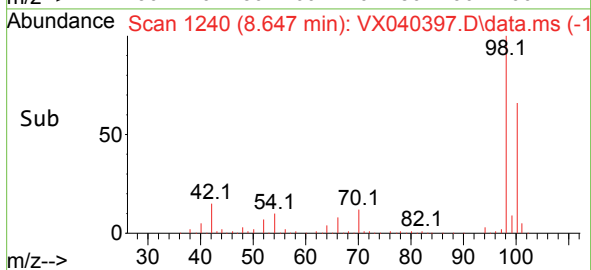
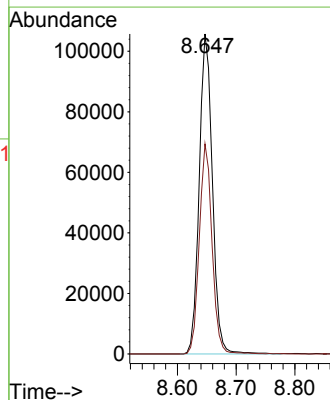
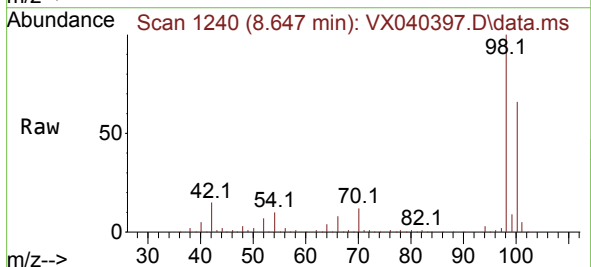
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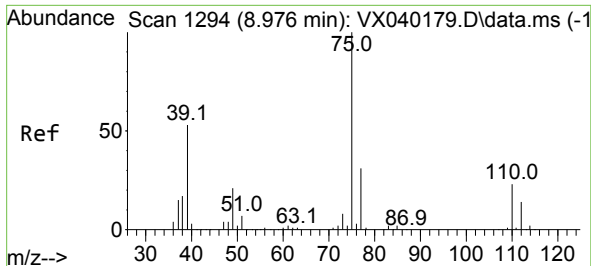
Tgt Ion:117 Resp: 8262
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.051 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 98 Resp: 164901
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

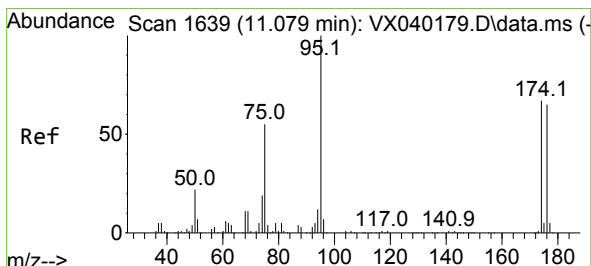
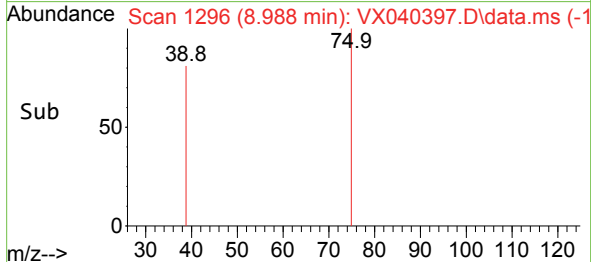
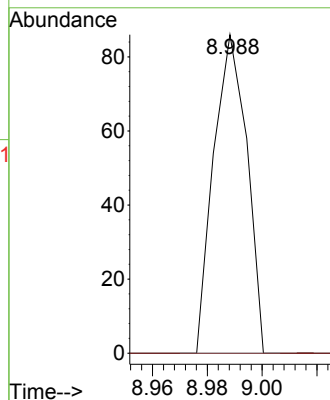
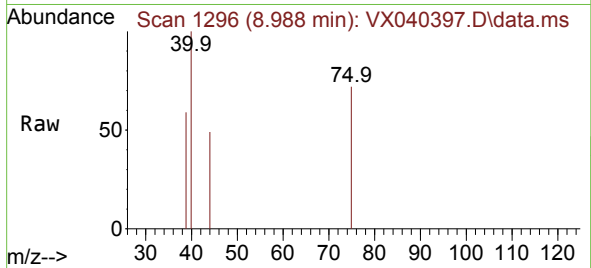




#53
 t-1,3-Dichloropropene
 Concen: 2.001 ug/l
 RT: 8.988 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040397.D
 Acq: 22 Feb 2024 13:27

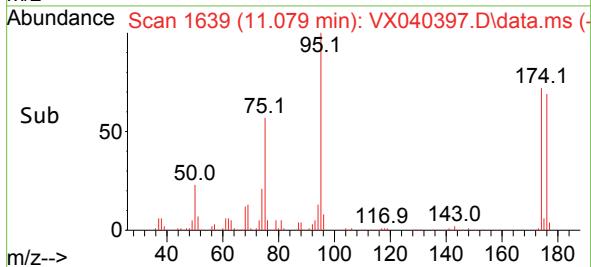
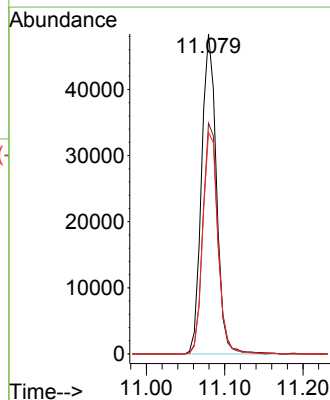
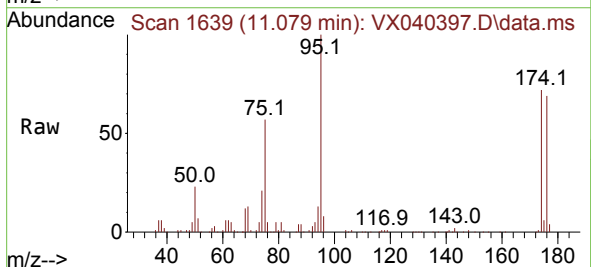
Instrument :
 MSVOA_X
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 VX0222WBL01

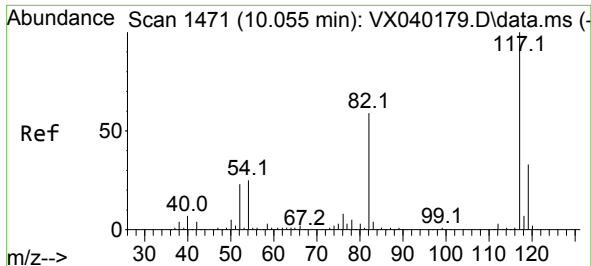
Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 44.678 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX040397.D
 Acq: 22 Feb 2024 13:27

Tgt Ion: 95 Resp: 63861
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 135.6
 176 70.2 0.0 131.0

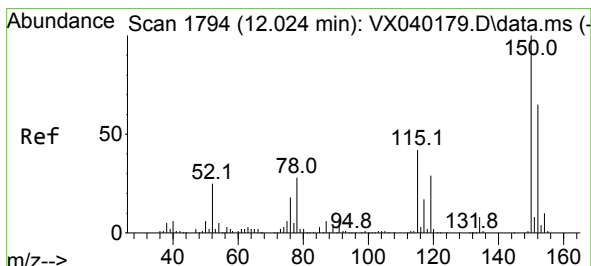
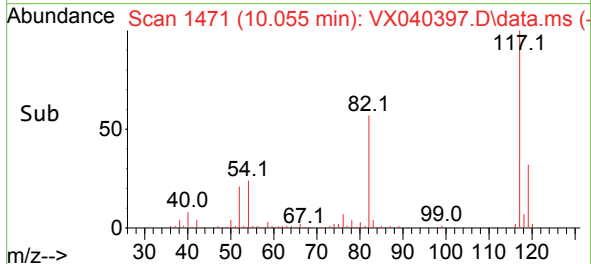
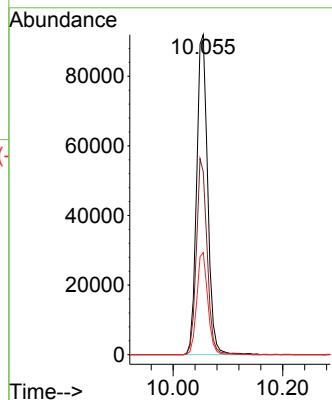
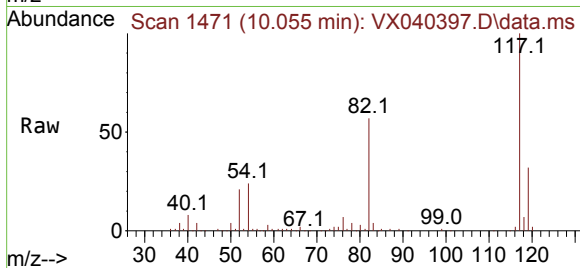




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

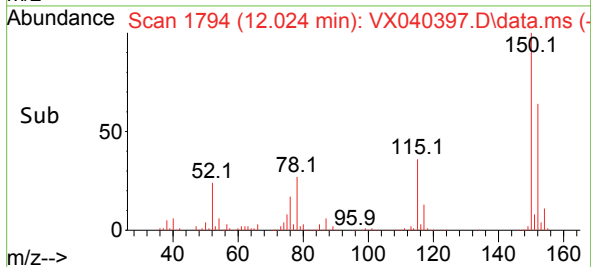
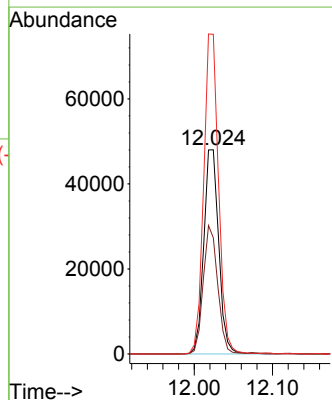
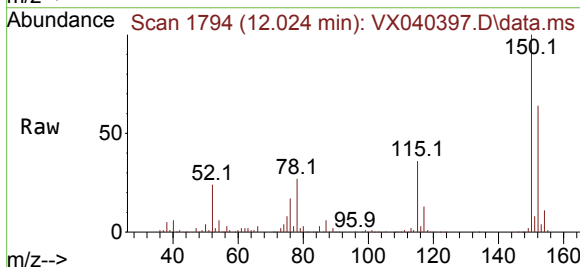
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

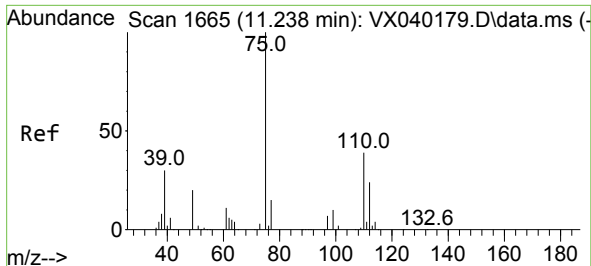
Tgt Ion:117 Resp: 129715
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion:152 Resp: 63798
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 155.0 0.0 345.0

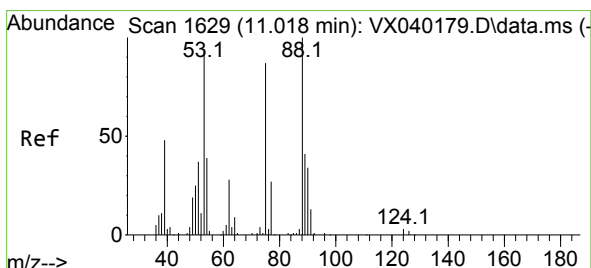
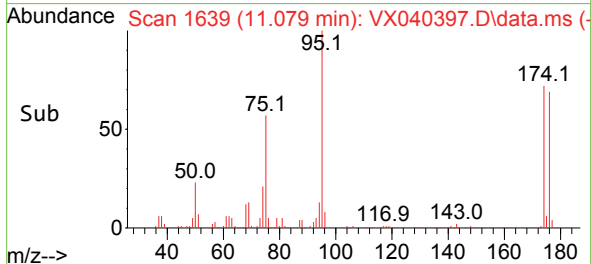
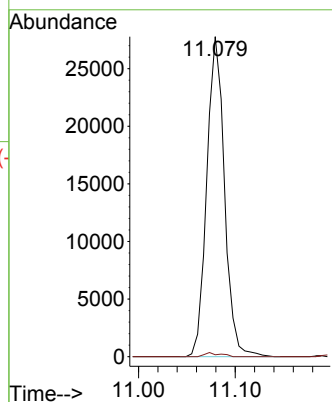
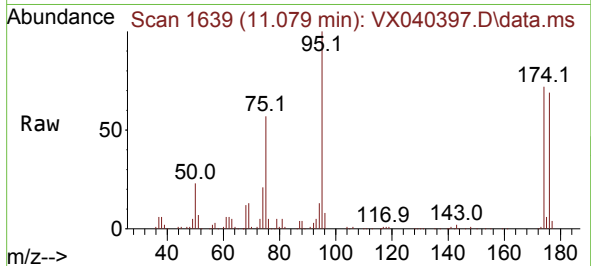




#76
1,2,3-Trichloropropane
Concen: 27.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

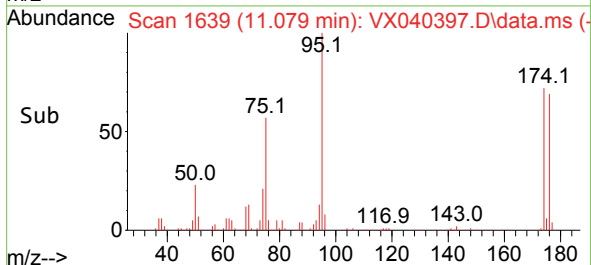
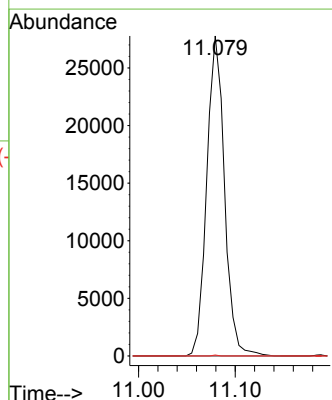
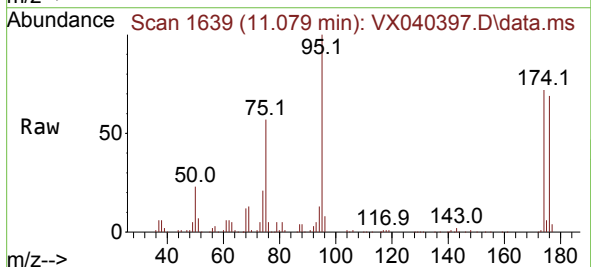
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

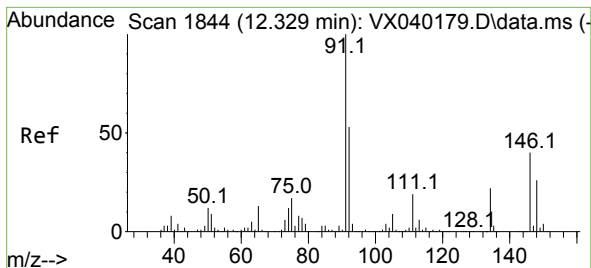
Tgt Ion: 75 Resp: 35469
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 75 Resp: 35469
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.213 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040397.D

Acq: 22 Feb 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBL01

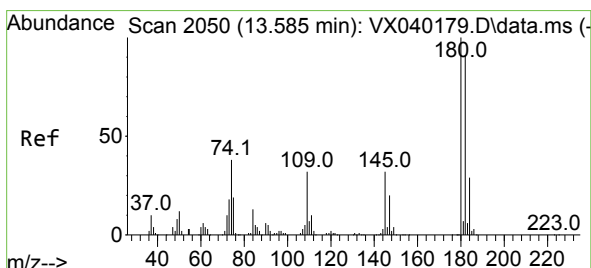
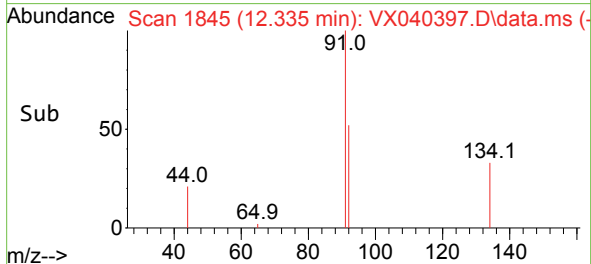
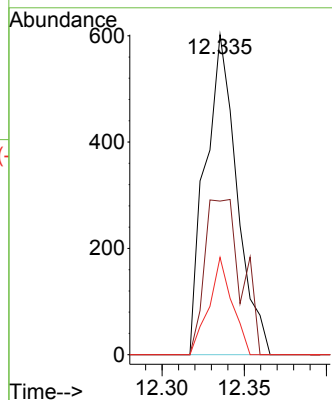
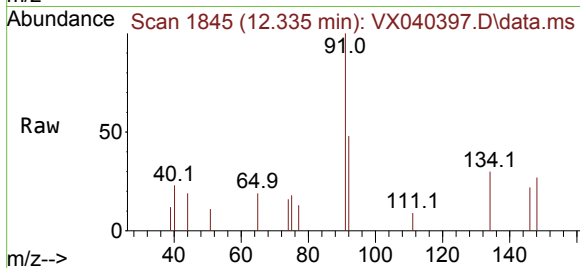
Tgt Ion: 91 Resp: 803

Ion Ratio Lower Upper

91 100

92 56.3 27.4 82.0

134 22.4 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.372 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040397.D

Acq: 22 Feb 2024 13:27

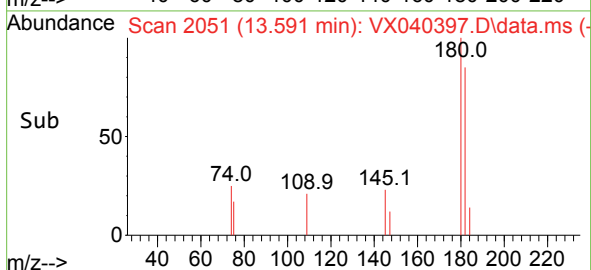
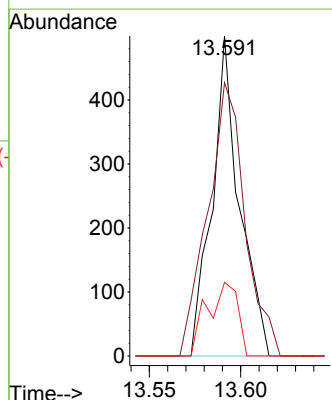
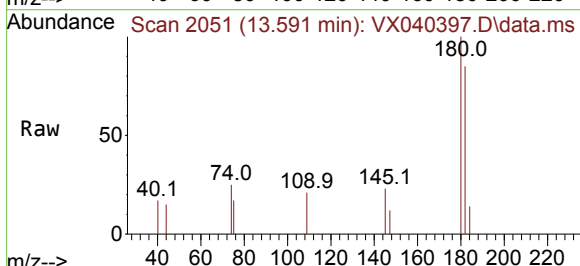
Tgt Ion: 180 Resp: 518

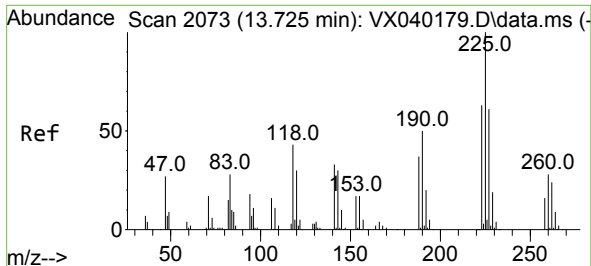
Ion Ratio Lower Upper

180 100

182 116.8 48.3 144.8

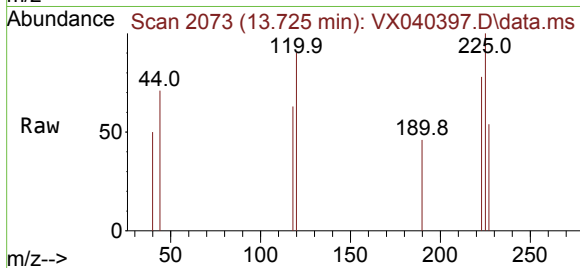
145 25.7 18.0 54.0



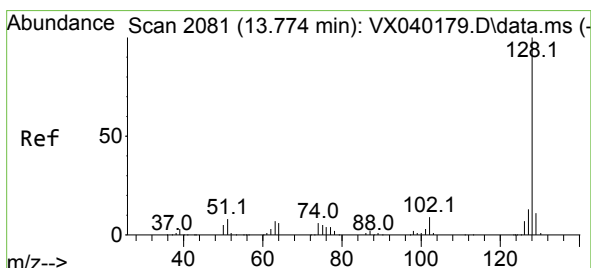
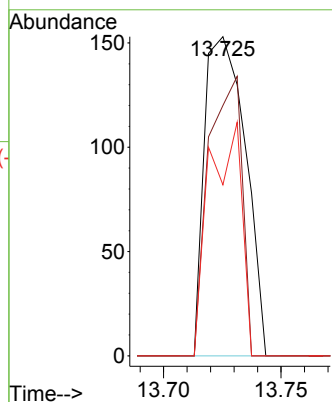
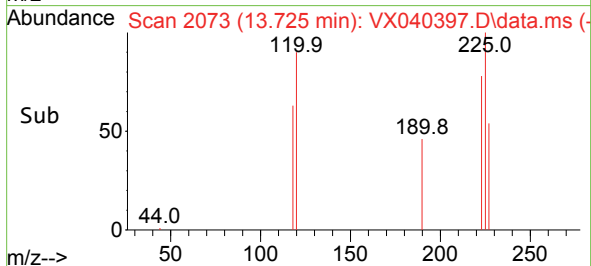


#94
Hexachlorobutadiene
Concen: 0.333 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

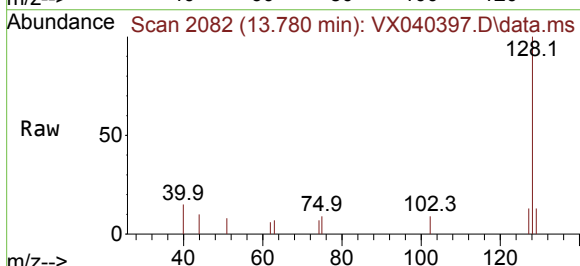
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01



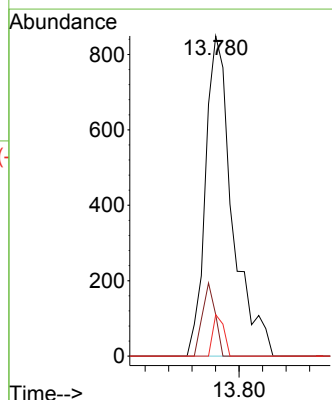
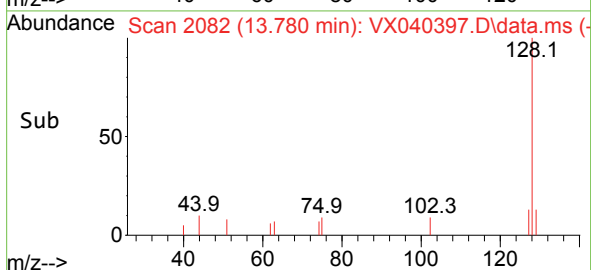
Tgt Ion:225 Resp: 185
Ion Ratio Lower Upper
225 100
223 70.8 31.1 93.2
227 58.4 32.5 97.5

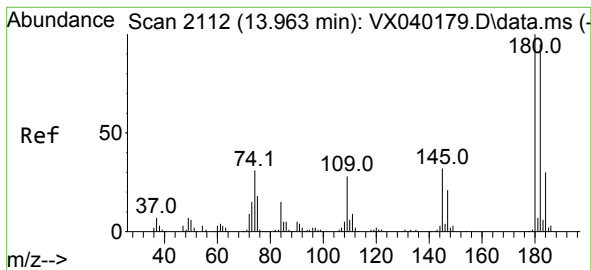


#95
Naphthalene
Concen: 0.307 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27



Tgt Ion:128 Resp: 1352
Ion Ratio Lower Upper
128 100
127 10.9 10.3 15.5
129 5.3 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.329 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040397.D
 Acq: 22 Feb 2024 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Tgt Ion:180 Resp: 437
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.9 140.6
 145 38.0 17.8 53.5

