

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040476.D
 Acq On : 27 Feb 2024 09:58
 Operator : JC/MD
 Sample : VX0227WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBL01

Quant Time: Feb 28 01:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

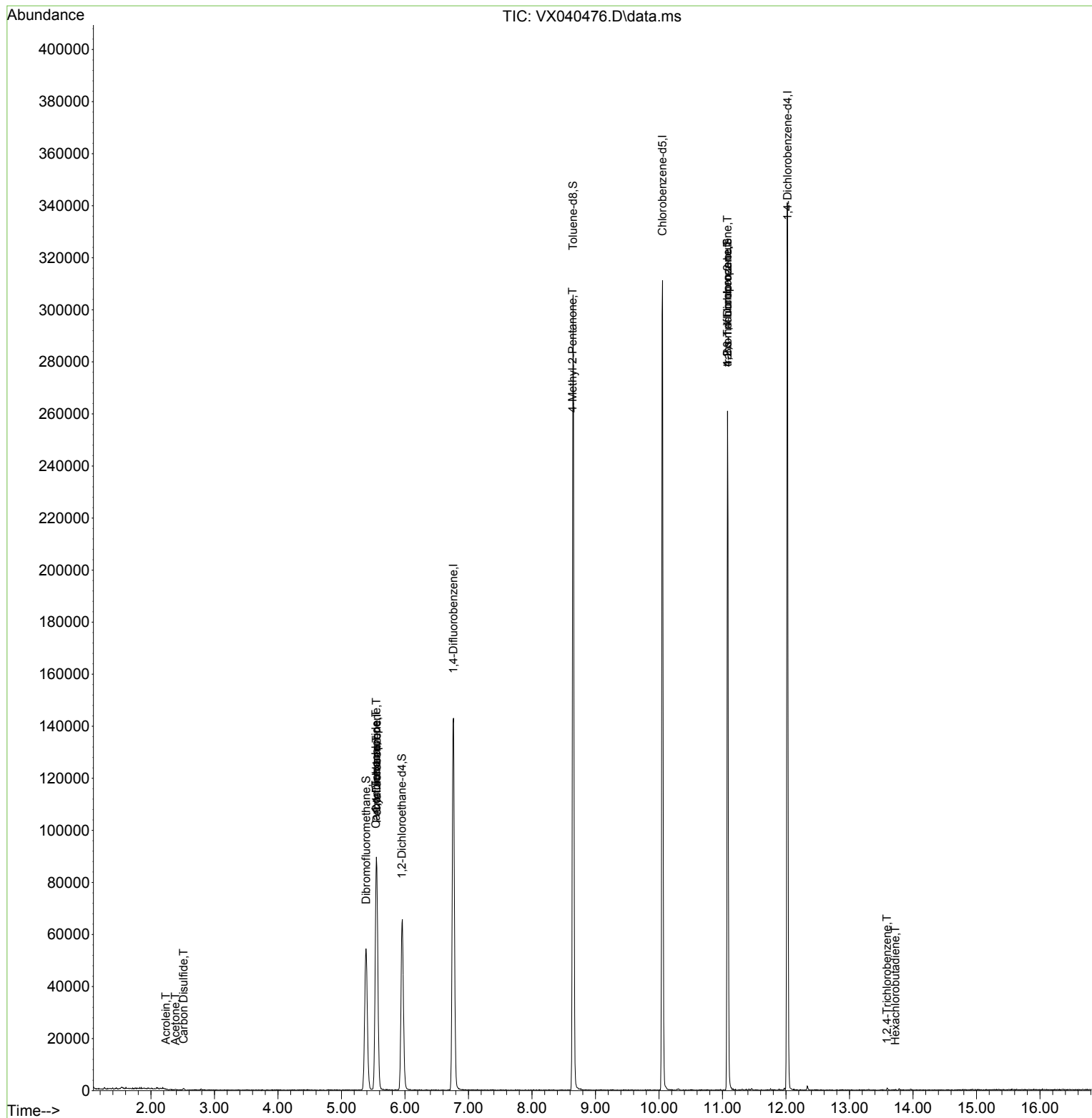
Internal Standards						
1) Pentafluorobenzene	5.556	168	80182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65215	48.628	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	46837	47.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.680%		
50) Toluene-d8	8.647	98	172876	48.644	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	66055	48.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	53	0.367	ug/l #	66
16) Acetone	2.386	43	88	0.201	ug/l #	47
17) Carbon Disulfide	2.514	76	676	0.267	ug/l #	76
31) Cyclohexane	5.550	56	2354	1.549	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	7204	4.776	ug/l #	46
38) Carbon Tetrachloride	5.544	117	9179	6.299	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	874	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38016	26.853	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38016	77.956	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	308	0.222	ug/l	89
94) Hexachlorobutadiene	13.719	225	133	0.234	ug/l #	28

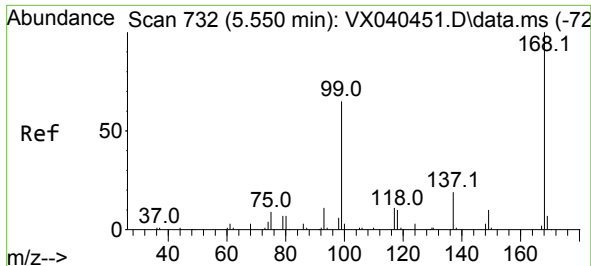
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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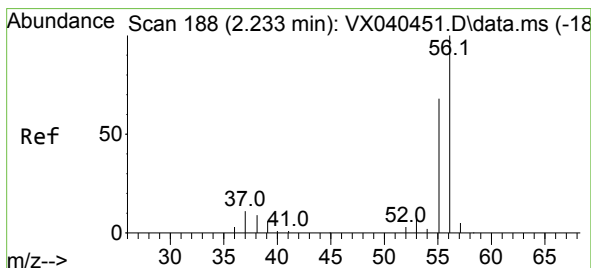
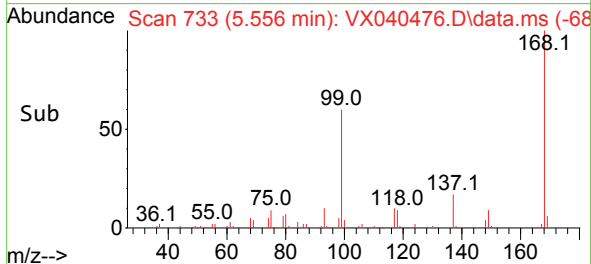
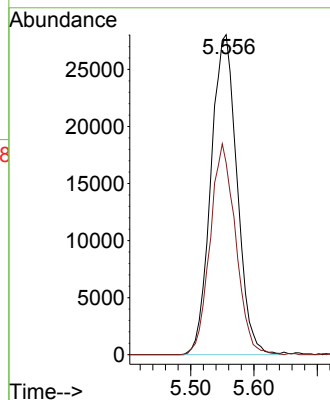
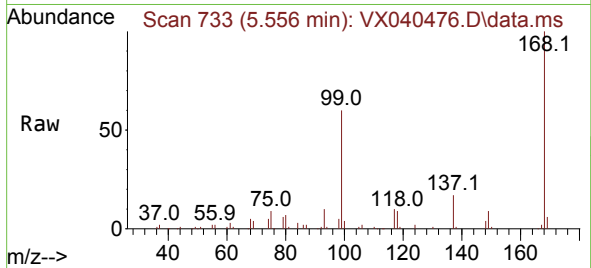




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

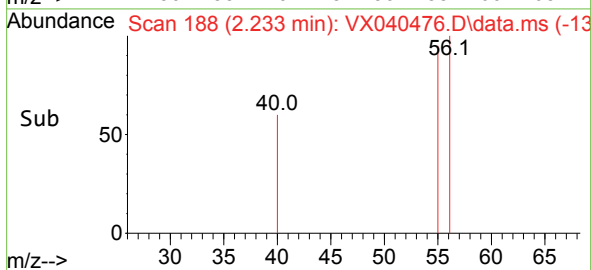
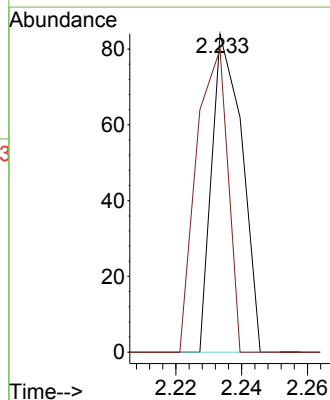
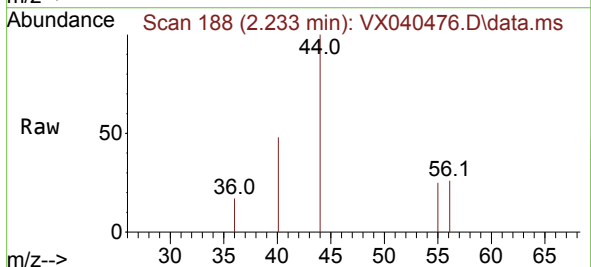
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

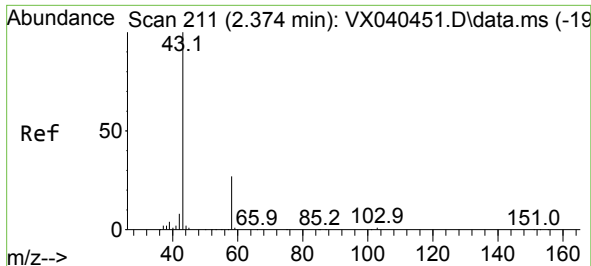
Tgt Ion:168 Resp: 80182
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#13
Acrolein
Concen: 0.367 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 100.0 57.1 85.7#

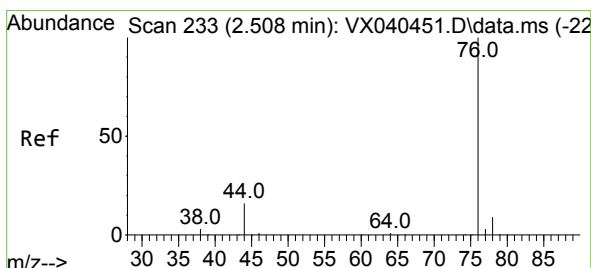
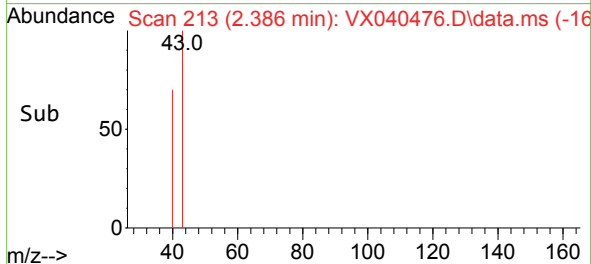
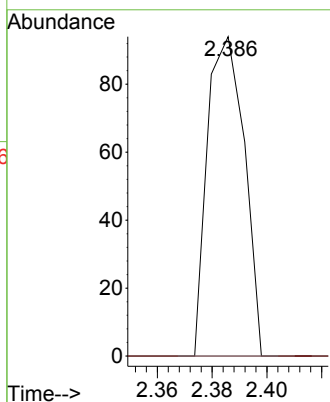
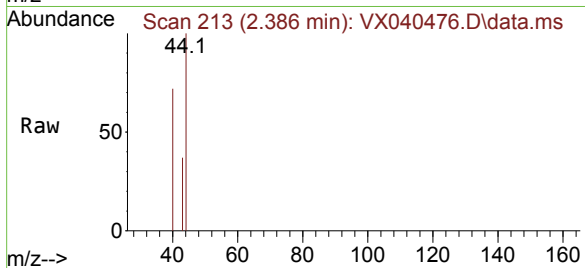




#16
Acetone
Concen: 0.201 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

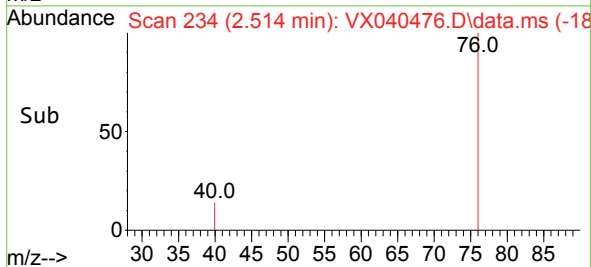
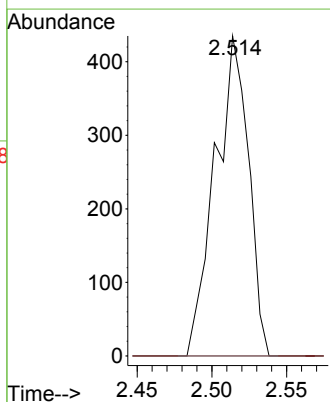
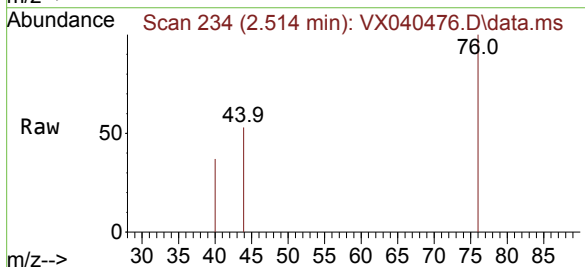
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

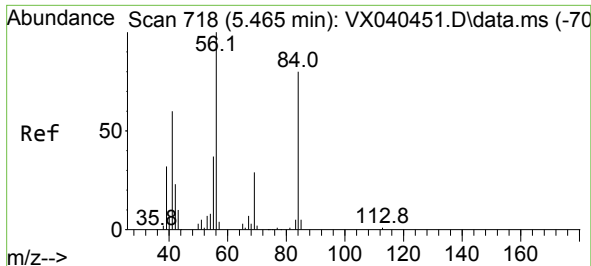
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.267 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 76 Resp: 676
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

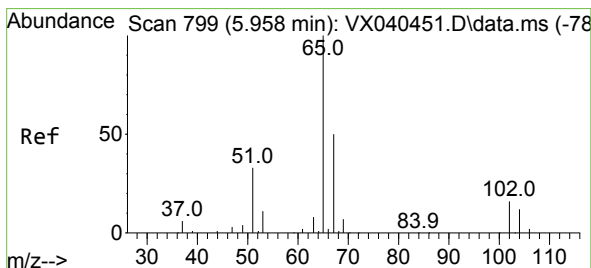
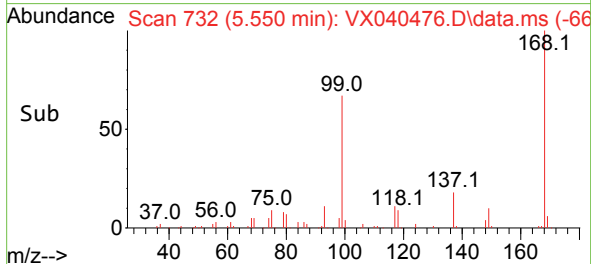
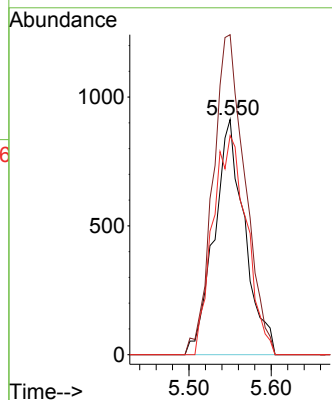
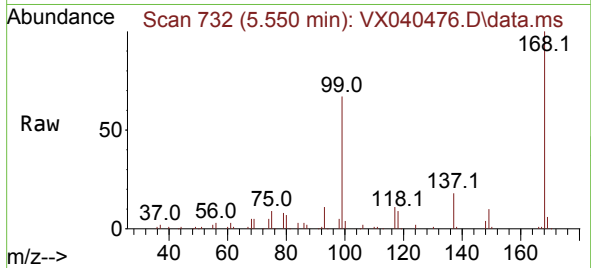




#31
Cyclohexane
Concen: 1.549 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

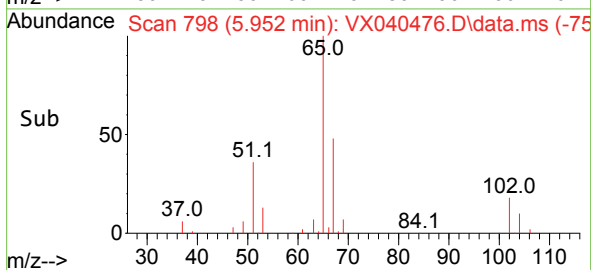
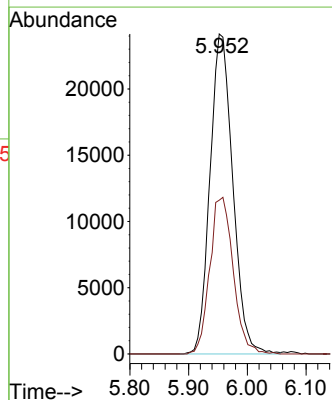
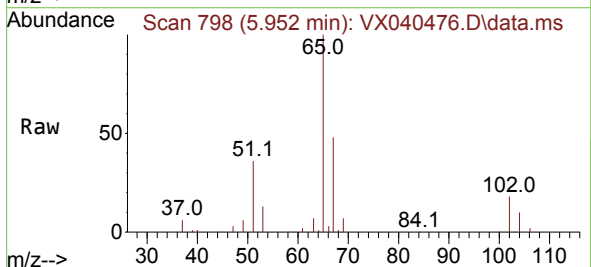
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

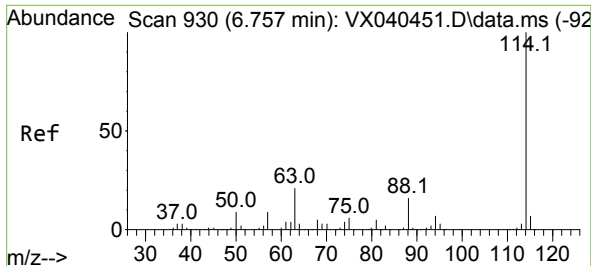
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 136.0 23.4 35.2#
84 93.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.628 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 65 Resp: 65215
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

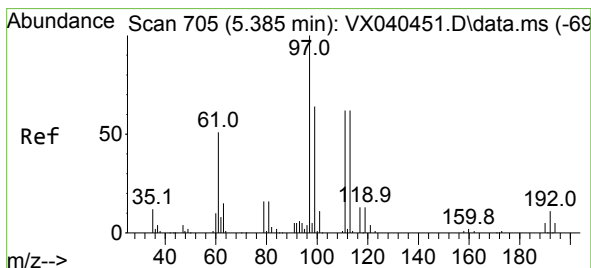
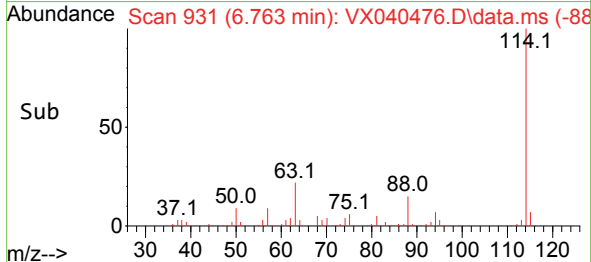
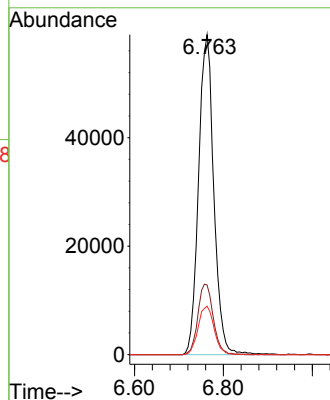
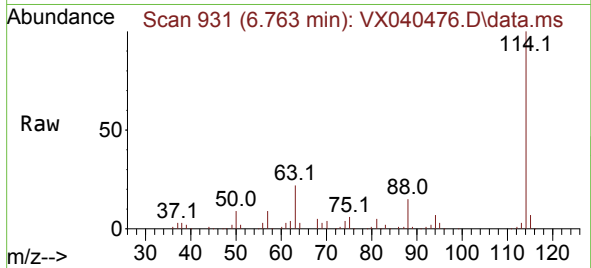




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

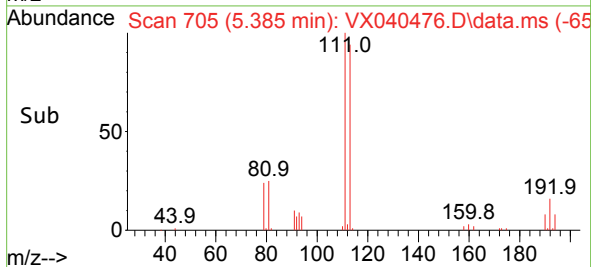
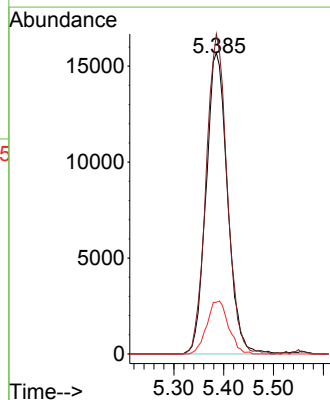
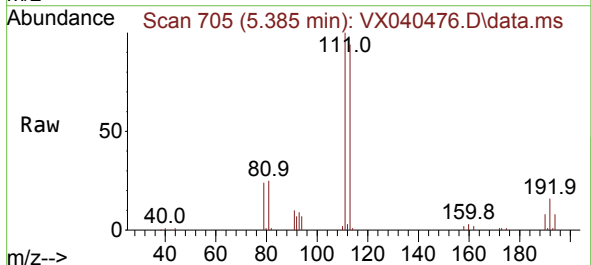
Instrument :
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ClientSampleId :
VX0227WBL01

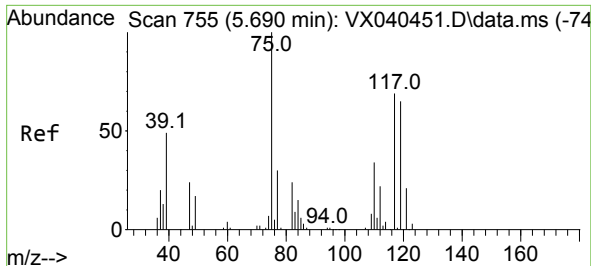
Tgt Ion:114 Resp: 140795
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.838 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion:113 Resp: 46837
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 17.9 13.3 19.9

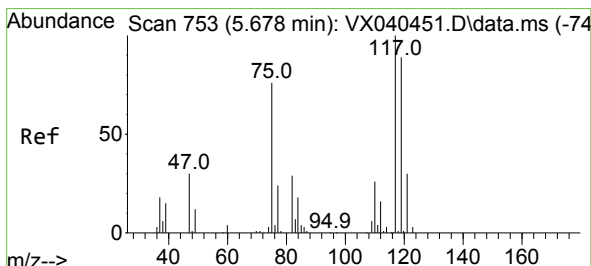
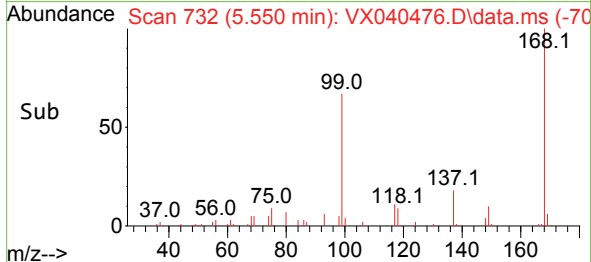
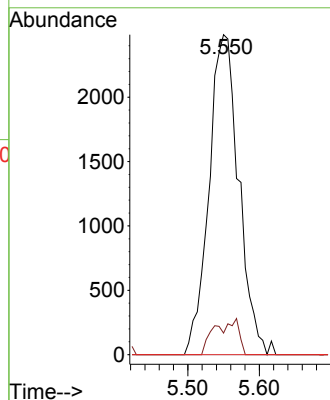
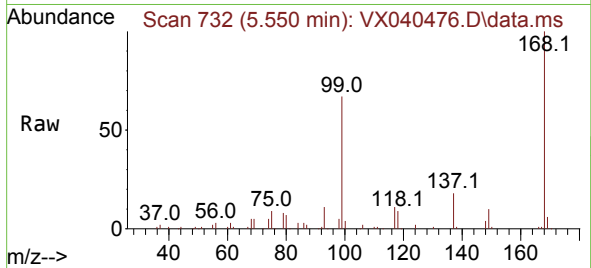




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

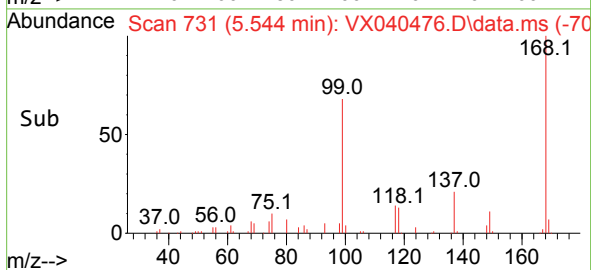
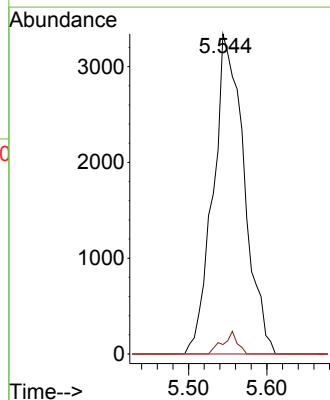
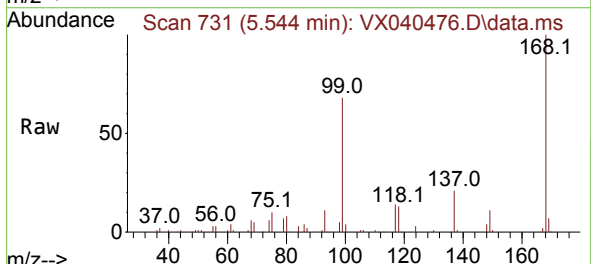
Instrument :
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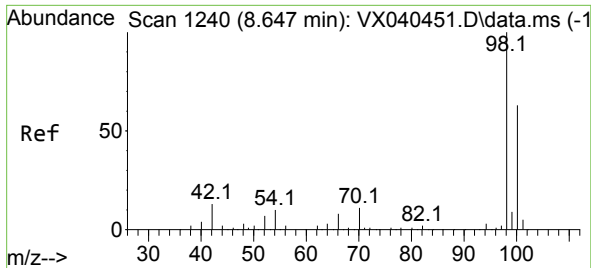
Tgt Ion: 75 Resp: 7204
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 117 Resp: 9179
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#

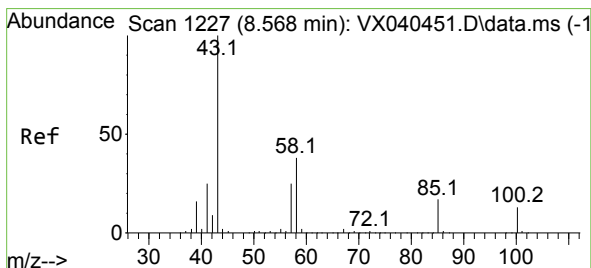
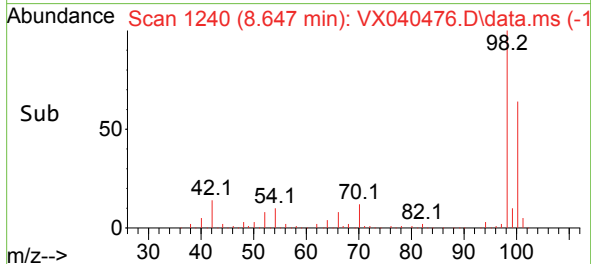
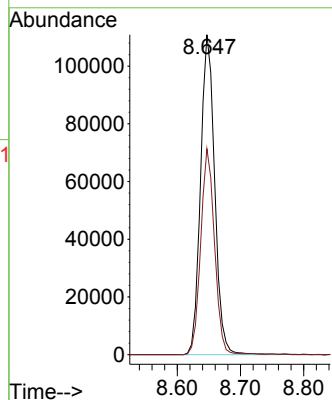
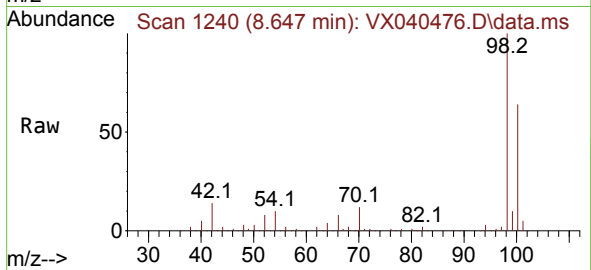




#50
Toluene-d8
Concen: 48.644 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

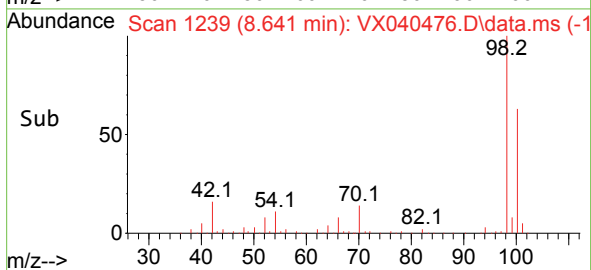
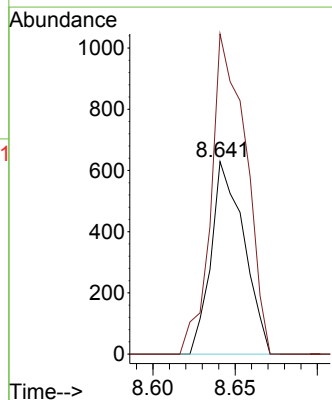
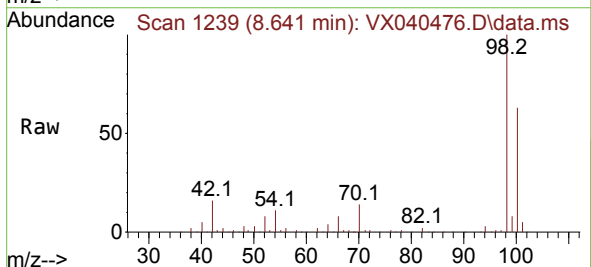
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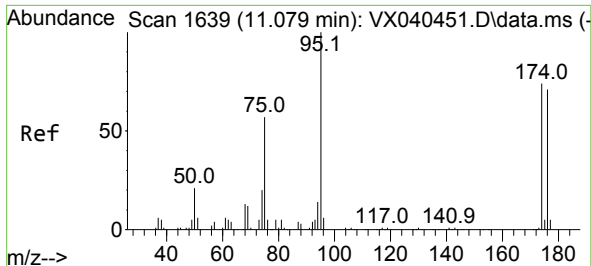
Tgt Ion: 98 Resp: 172876
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 175.4 30.4 45.6#

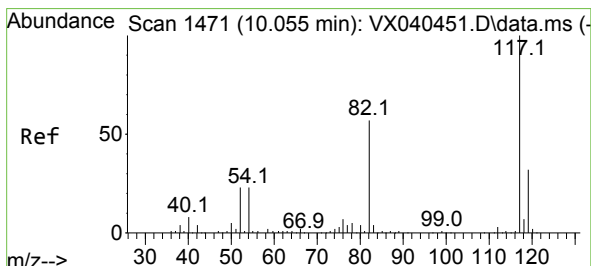
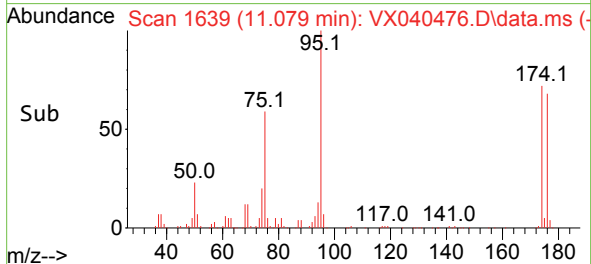
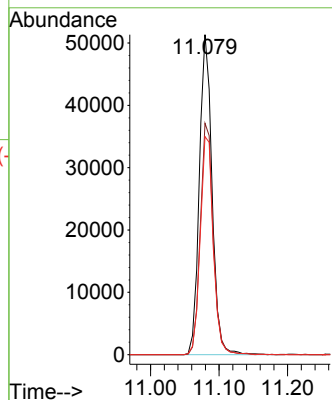
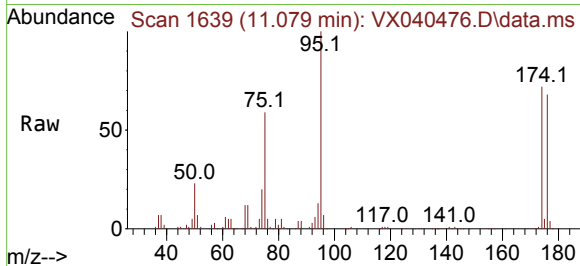




#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

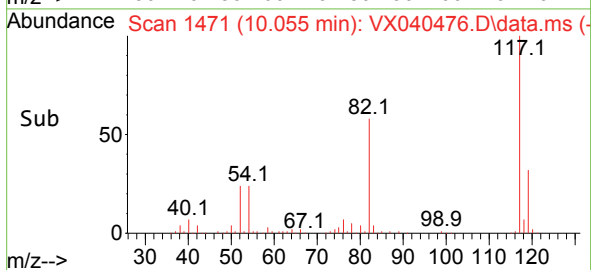
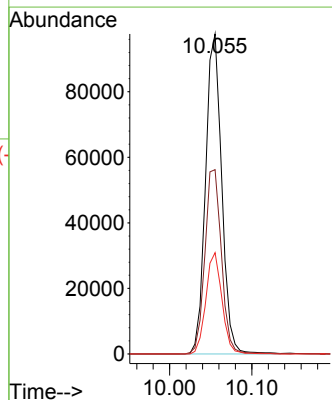
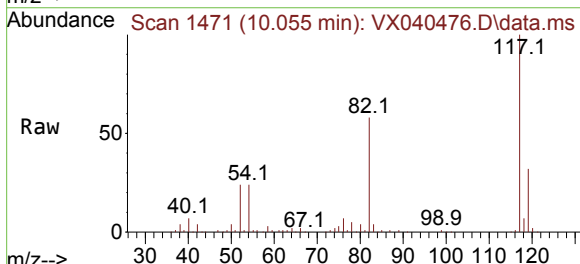
Instrument :
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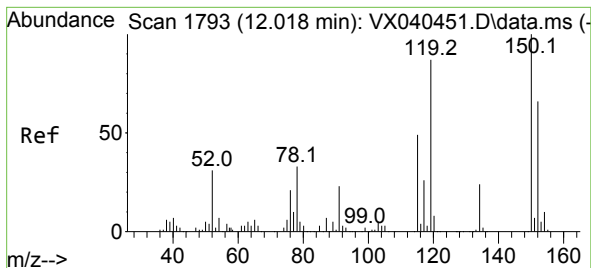
Tgt Ion: 95 Resp: 66055
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion: 117 Resp: 133422
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040476.D

Acq: 27 Feb 2024 09:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBL01

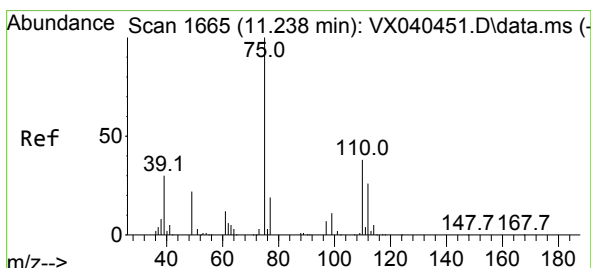
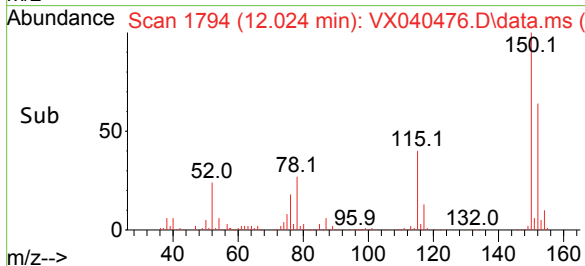
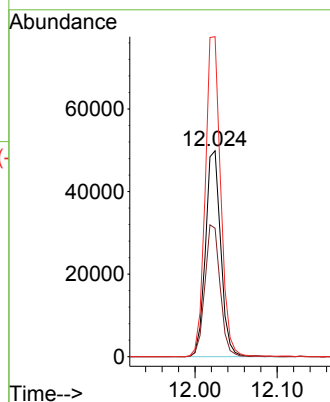
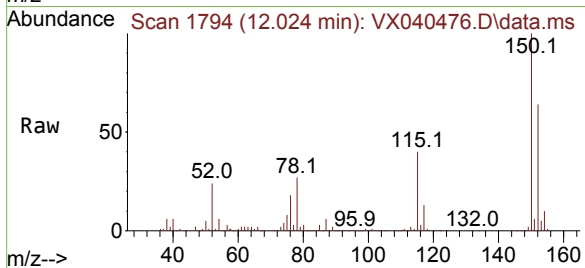
Tgt Ion:152 Resp: 64327

Ion Ratio Lower Upper

152 100

115 64.1 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.853 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040476.D

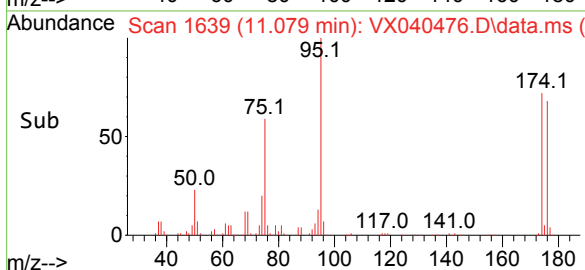
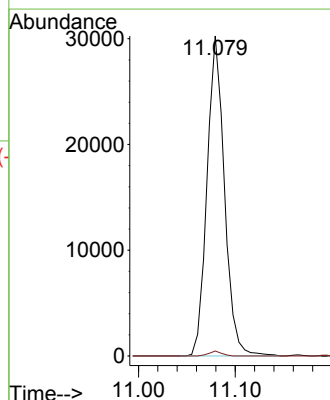
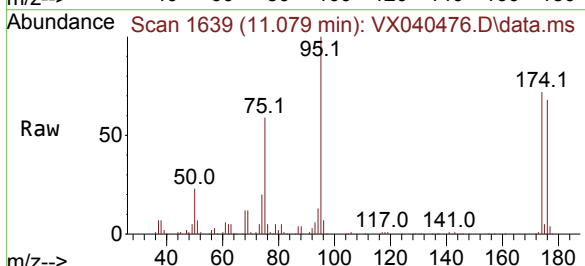
Acq: 27 Feb 2024 09:58

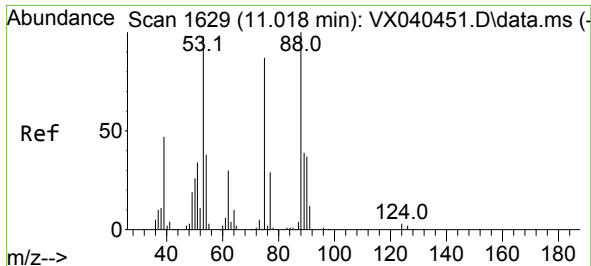
Tgt Ion: 75 Resp: 38016

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

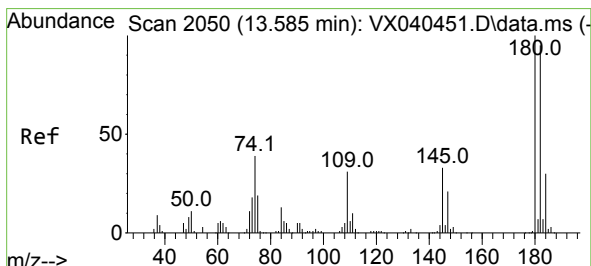
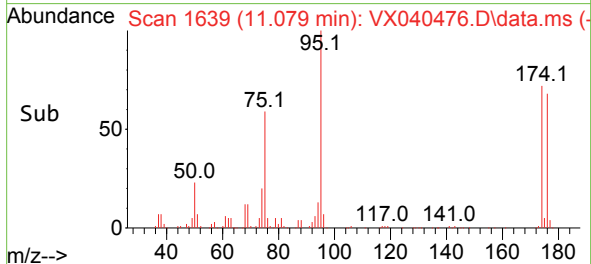
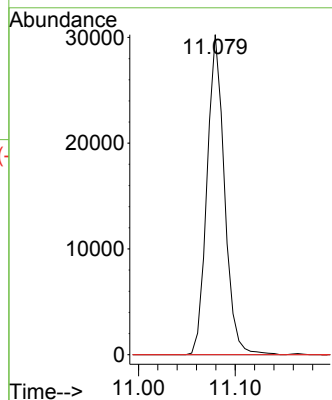
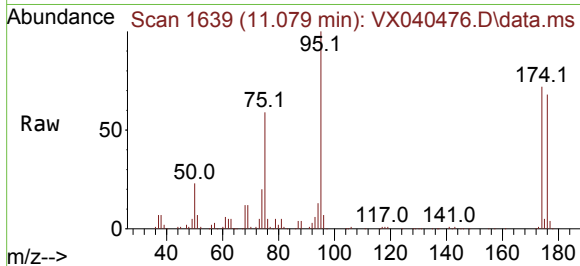




#81
trans-1,4-Dichloro-2-butene
Concen: 77.956 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

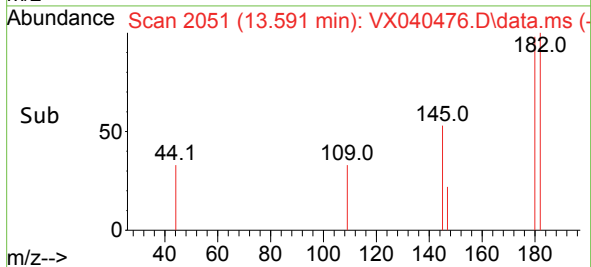
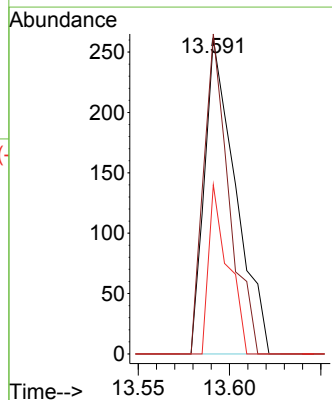
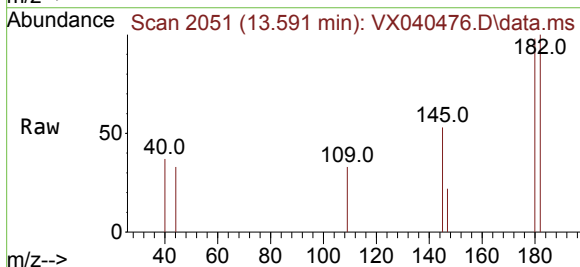
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBL01

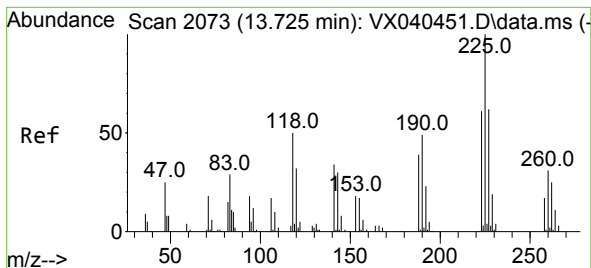
Tgt Ion: 75 Resp: 38016
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040476.D
Acq: 27 Feb 2024 09:58

Tgt Ion:180 Resp: 308
Ion Ratio Lower Upper
180 100
182 83.1 48.3 144.8
145 33.4 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.234 ug/l

RT: 13.719 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX040476.D

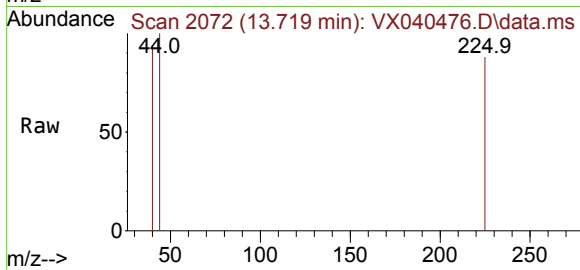
Acq: 27 Feb 2024 09:58

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBL01



Tgt Ion:225 Resp: 133

Ion Ratio Lower Upper

225 100

223 14.3 31.1 93.2#

227 0.0 32.5 97.5#

