

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034646.D
 Acq On : 21 Mar 2023 10:09
 Operator : JC/MD
 Sample : VX0321WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Quant Time: Mar 22 02:00:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

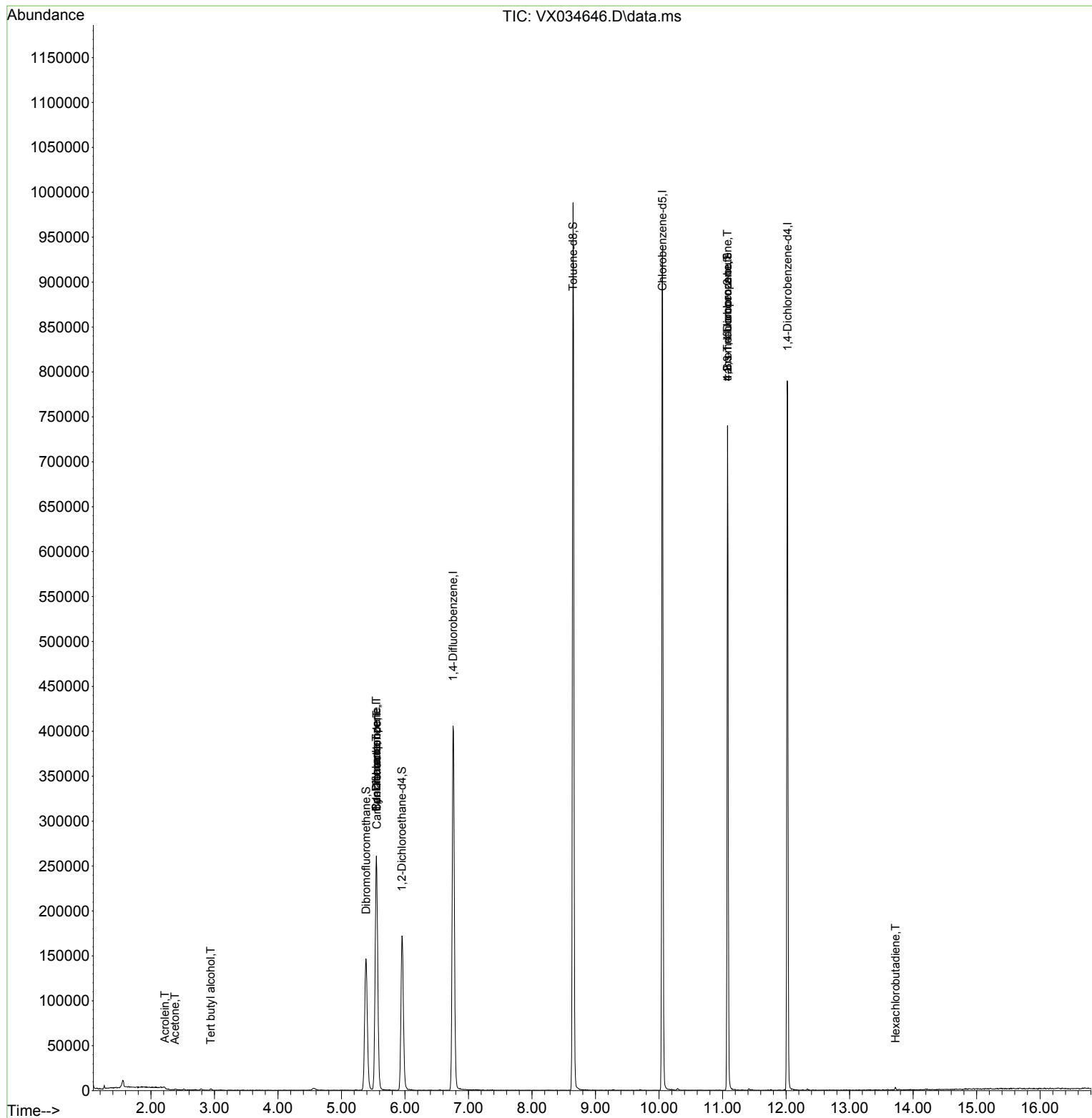
Internal Standards						
1) Pentafluorobenzene	5.550	168	244433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	408322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165259	46.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.940%		
35) Dibromofluoromethane	5.385	113	129189	47.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.840%		
50) Toluene-d8	8.647	98	554856	55.132	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	110.260%		
62) 4-Bromofluorobenzene	11.079	95	183172	45.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.120%		
Target Compounds						
3) Chloromethane	1.294	50	268	Below Cal	#	18
11) Tert butyl alcohol	2.940	59	856	1.156	ug/l #	73
13) Acrolein	2.221	56	174	0.297	ug/l #	68
16) Acetone	2.380	43	997	0.595	ug/l	99
31) Cyclohexane	5.550	56	5756	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19972	4.823	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24056	5.840	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	97405	26.205	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97405	70.893	ug/l #	8
94) Hexachlorobutadiene	13.725	225	376	0.263	ug/l	84

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

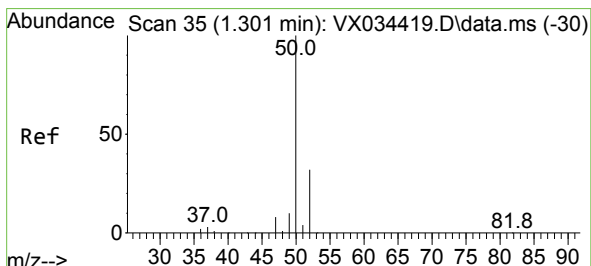
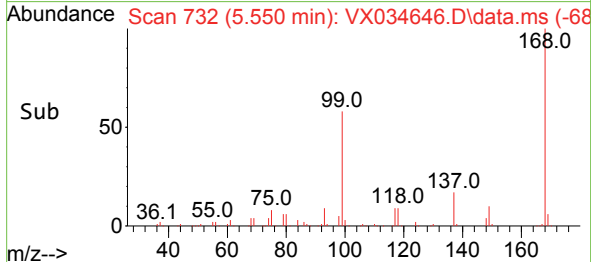
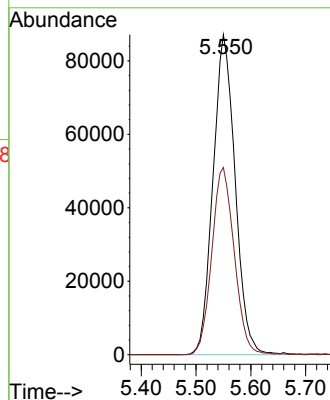
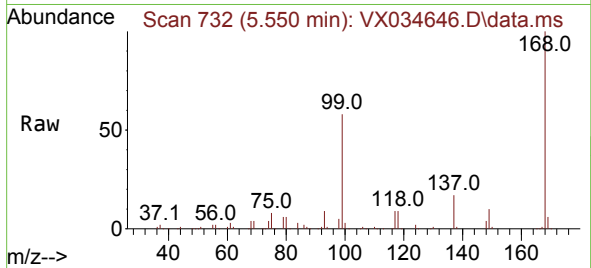




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

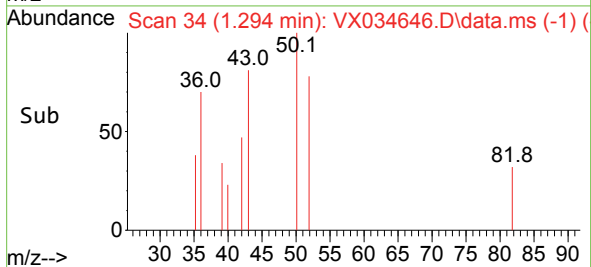
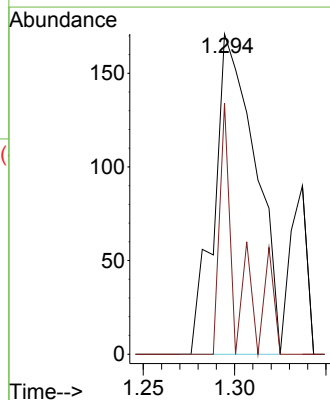
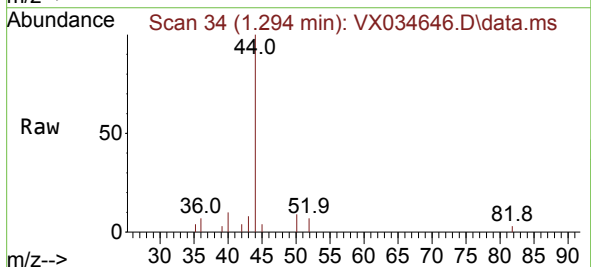
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

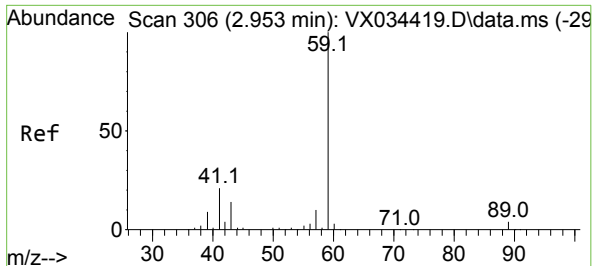
Tgt Ion:168 Resp: 244433
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 78.4 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.156 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034646.D

Acq: 21 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

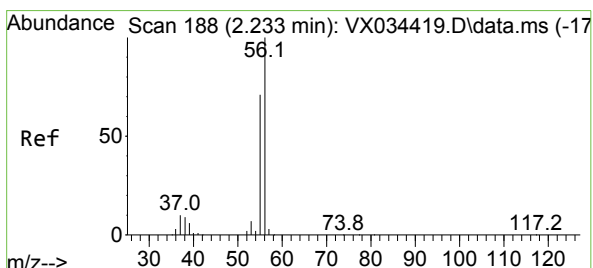
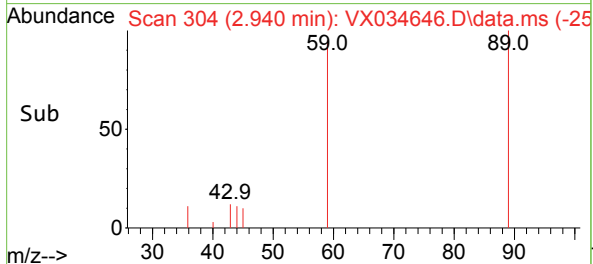
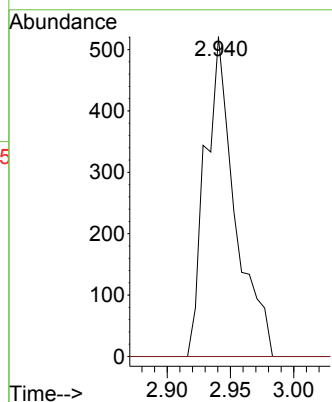
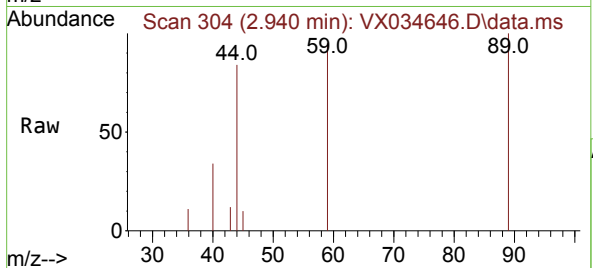
VX0321WBL01

Tgt Ion: 59 Resp: 856

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.297 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX034646.D

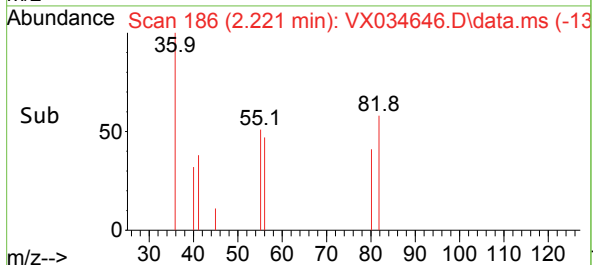
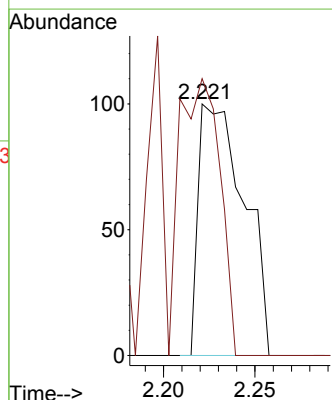
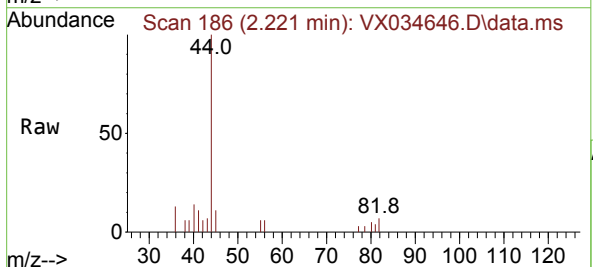
Acq: 21 Mar 2023 10:09

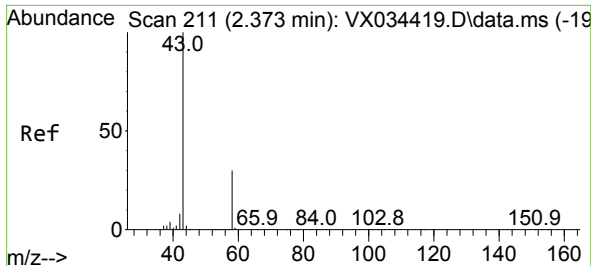
Tgt Ion: 56 Resp: 174

Ion Ratio Lower Upper

56 100

55 97.1 56.6 85.0#

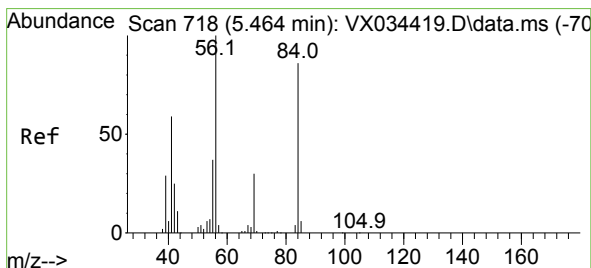
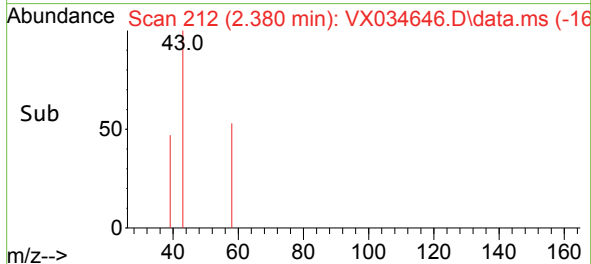
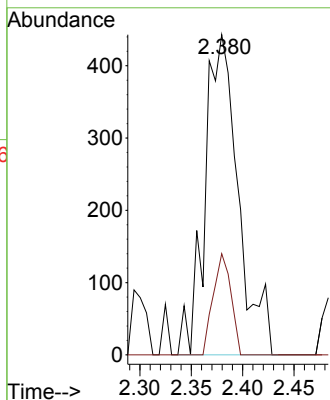
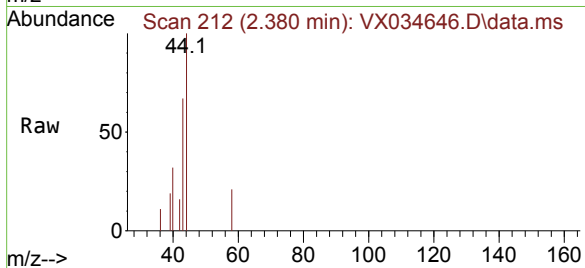




#16
Acetone
Concen: 0.595 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

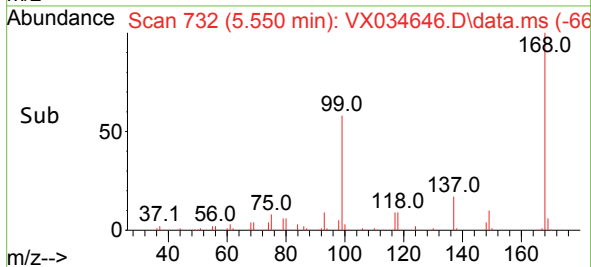
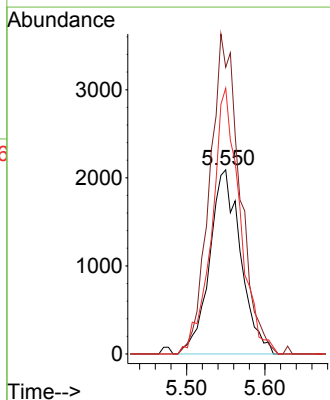
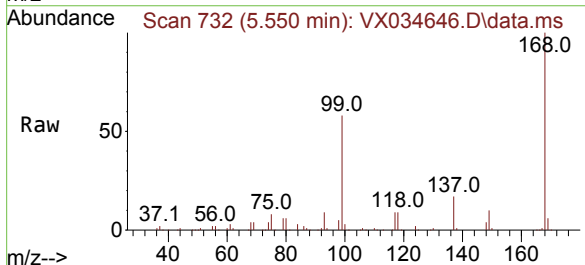
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

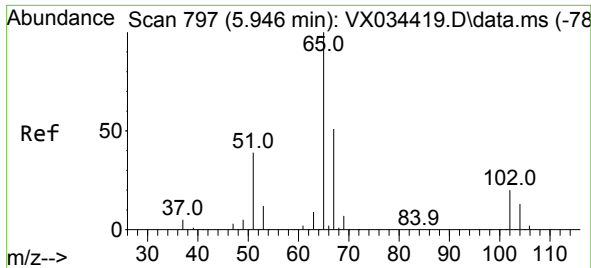
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 31.6 24.7 37.1



#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Tgt Ion: 56 Resp: 5756
Ion Ratio Lower Upper
56 100
69 155.7 23.7 35.5#
84 144.4 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.473 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034646.D

Acq: 21 Mar 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

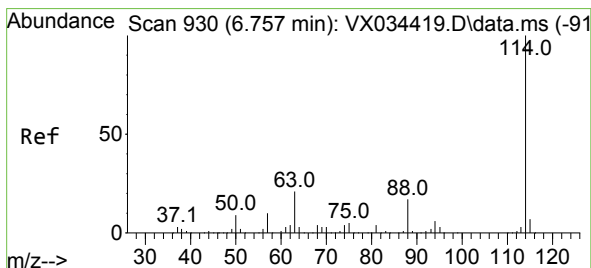
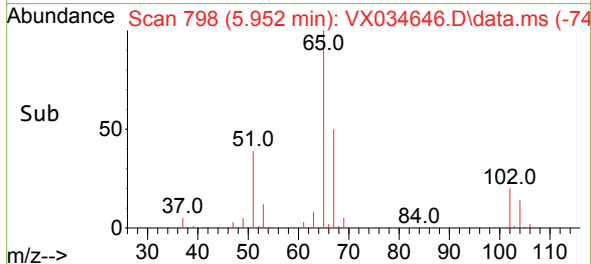
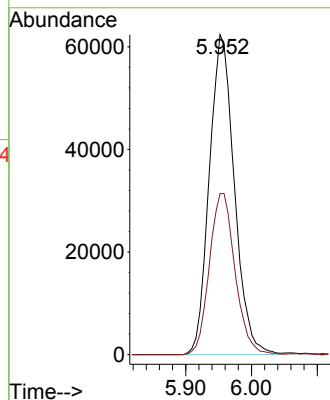
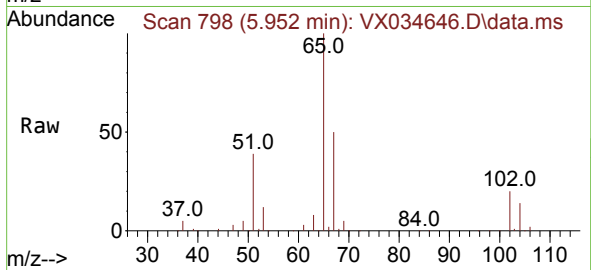
VX0321WBL01

Tgt Ion: 65 Resp: 165259

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034646.D

Acq: 21 Mar 2023 10:09

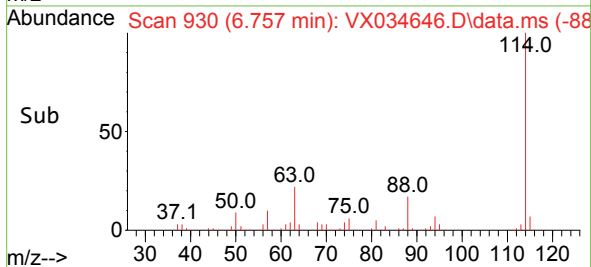
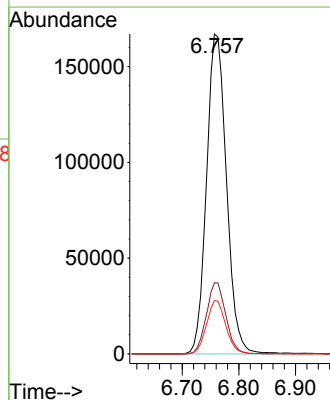
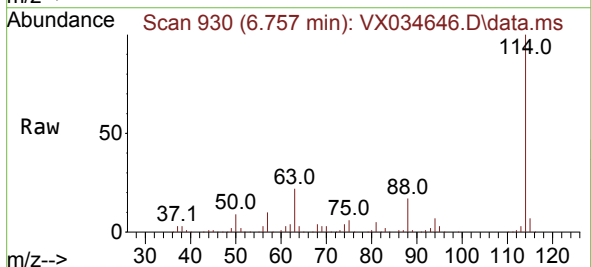
Tgt Ion:114 Resp: 408322

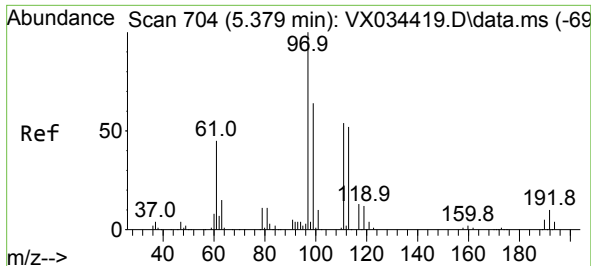
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 16.6 0.0 33.2

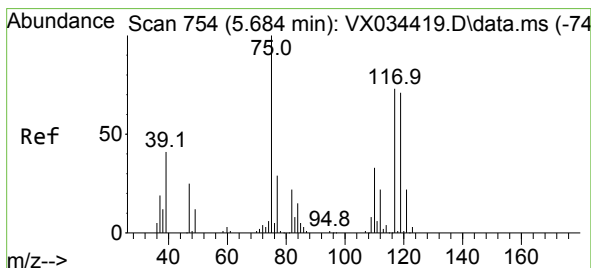
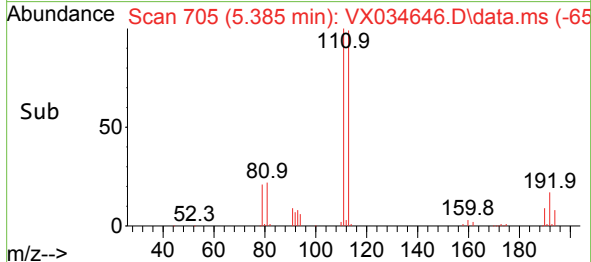
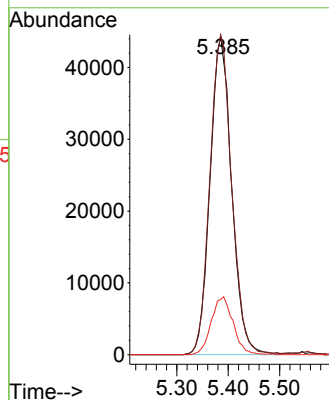
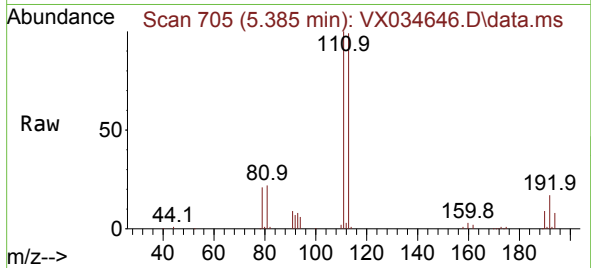




#35
Dibromofluoromethane
Concen: 47.920 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

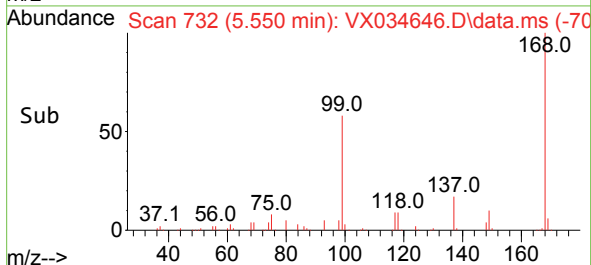
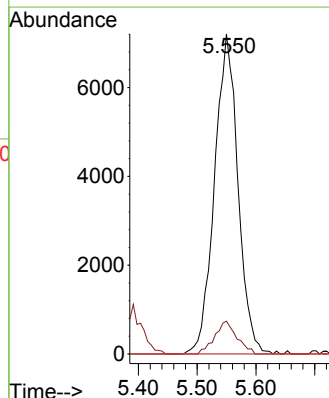
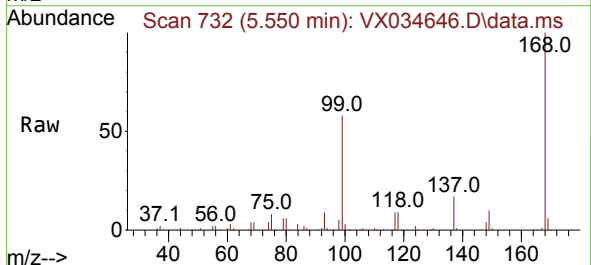
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

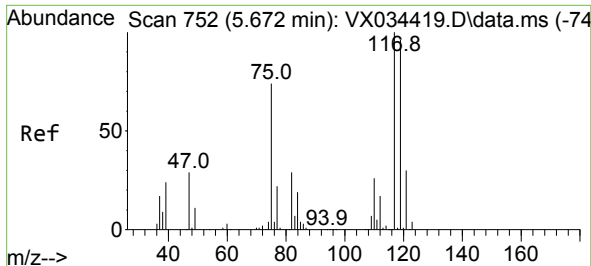
Tgt Ion:113 Resp: 129189
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

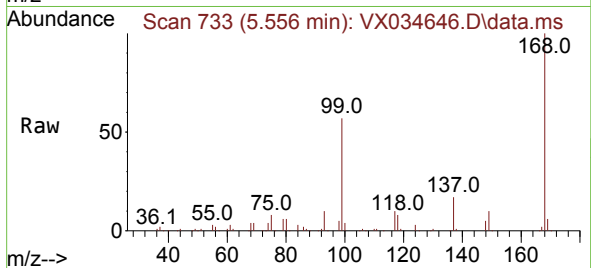
Tgt Ion: 75 Resp: 19972
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



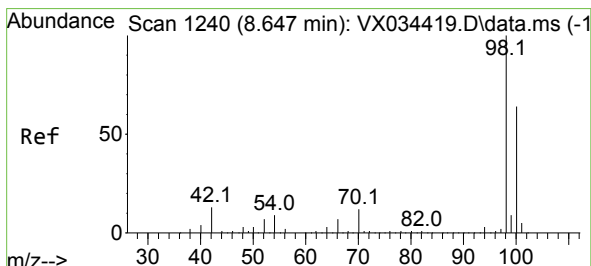
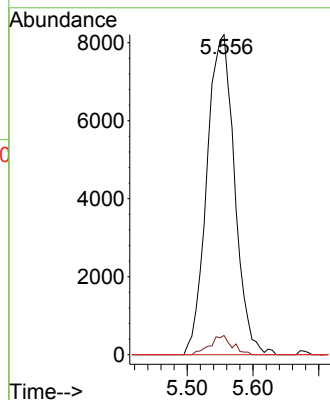
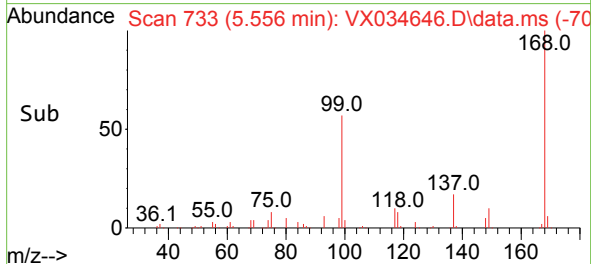


#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

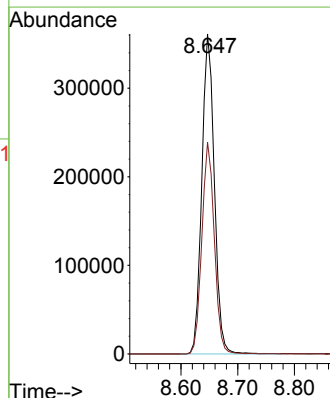
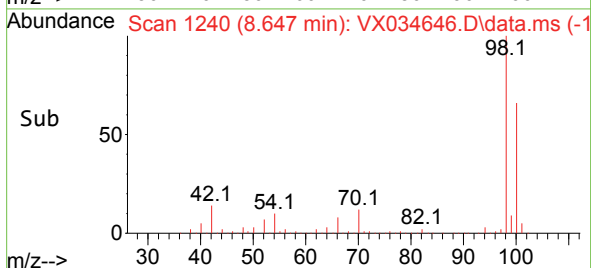
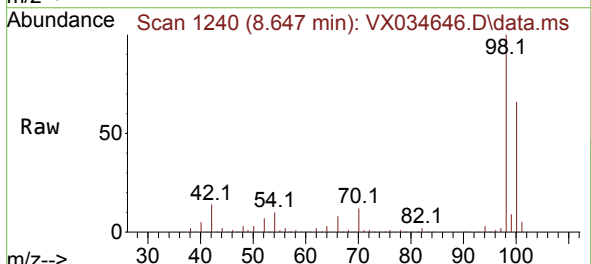


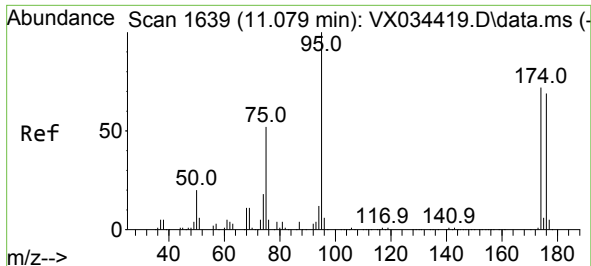
Tgt Ion:117 Resp: 24056
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 55.132 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Tgt Ion: 98 Resp: 554856
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

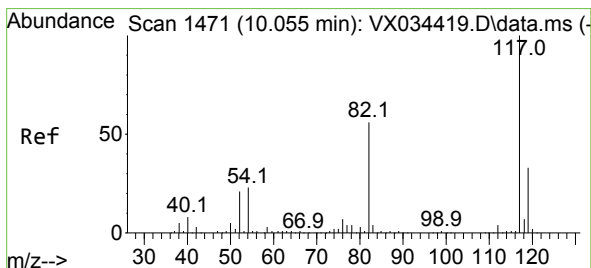
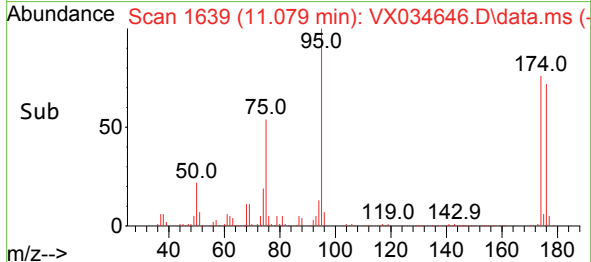
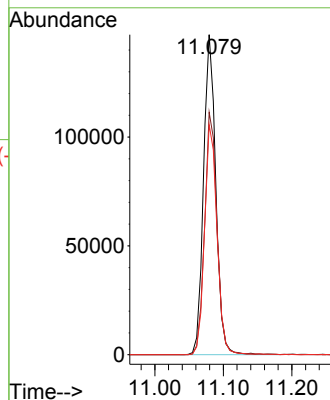
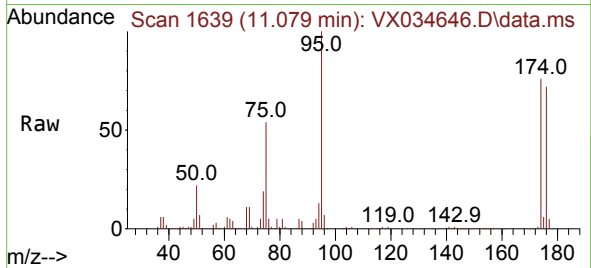




#62
4-Bromofluorobenzene
Concen: 45.059 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

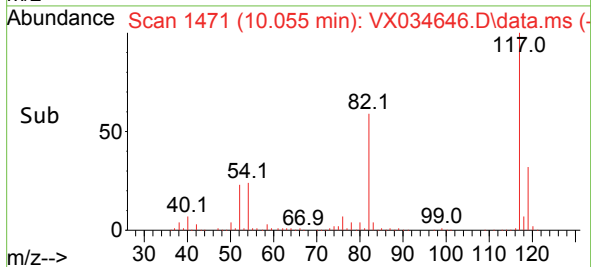
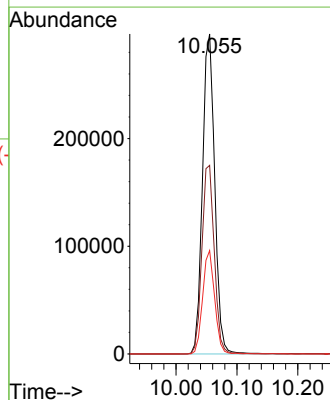
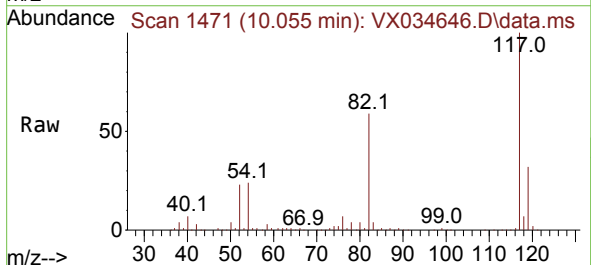
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

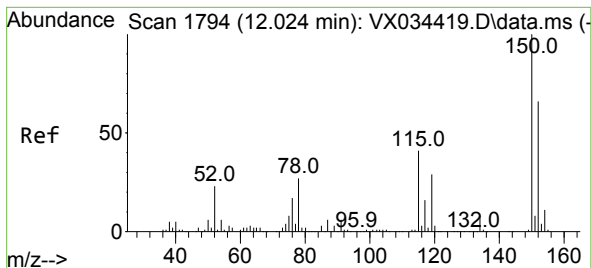
Tgt Ion: 95 Resp: 183172
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.4
176 73.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Tgt Ion: 117 Resp: 414515
Ion Ratio Lower Upper
117 100
82 59.0 45.0 67.4
119 32.3 26.0 39.0

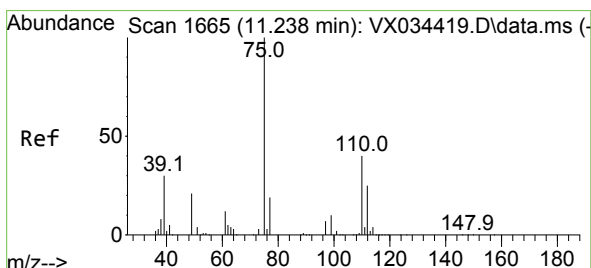
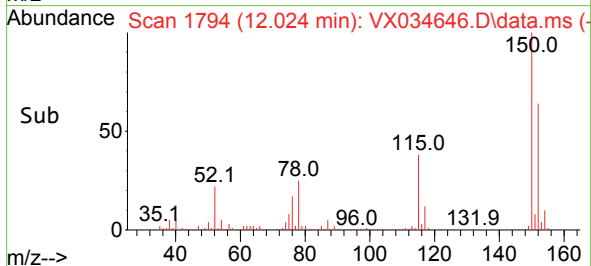
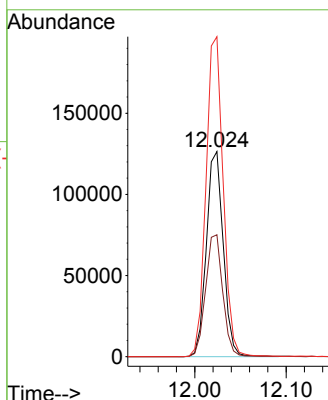
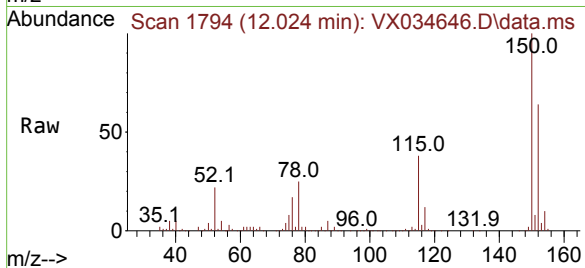




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034646.D
 Acq: 21 Mar 2023 10:09

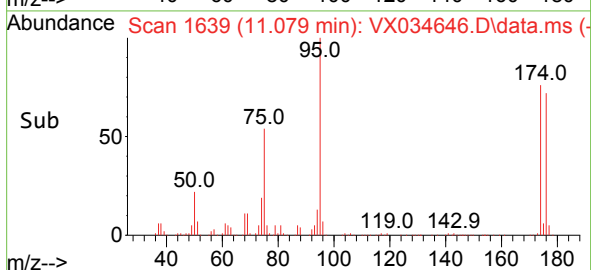
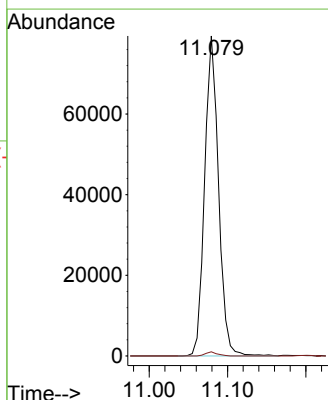
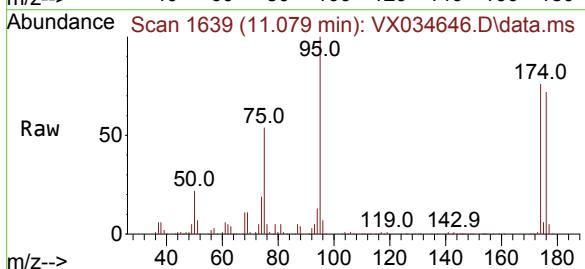
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

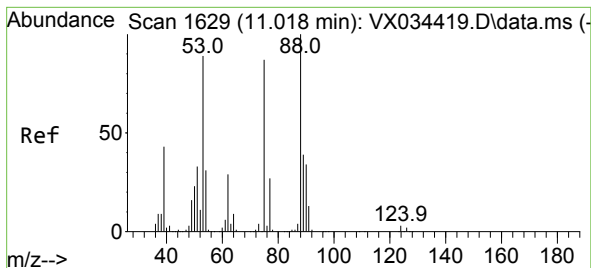
Tgt Ion:152 Resp: 161883
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.0 135.0
 150 158.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.205 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034646.D
 Acq: 21 Mar 2023 10:09

Tgt Ion: 75 Resp: 97405
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

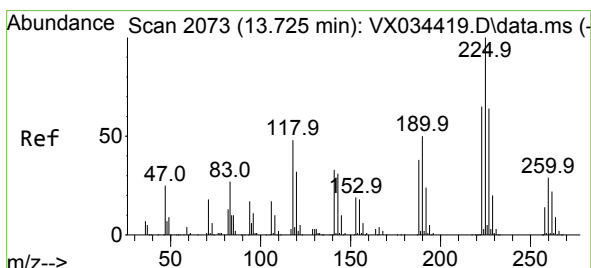
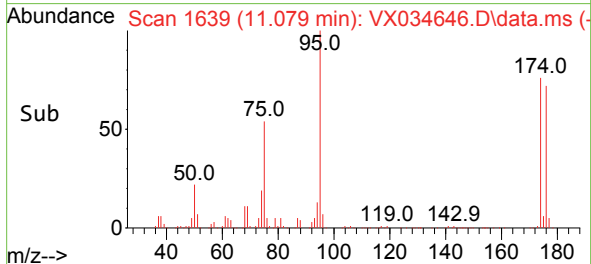
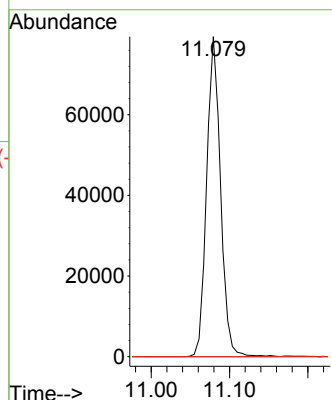
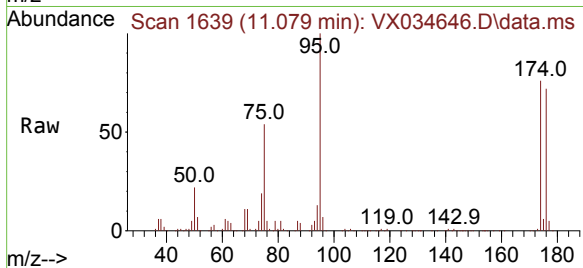




#81
trans-1,4-Dichloro-2-butene
Concen: 70.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tgt Ion: 75 Resp: 97405
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.263 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034646.D
Acq: 21 Mar 2023 10:09

Tgt Ion: 225 Resp: 376
Ion Ratio Lower Upper
225 100
223 85.6 32.1 96.5
227 67.0 31.8 95.4

