

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034926.D
 Acq On : 03 Apr 2023 12:51
 Operator : JC/MD
 Sample : 02159-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 03 21:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

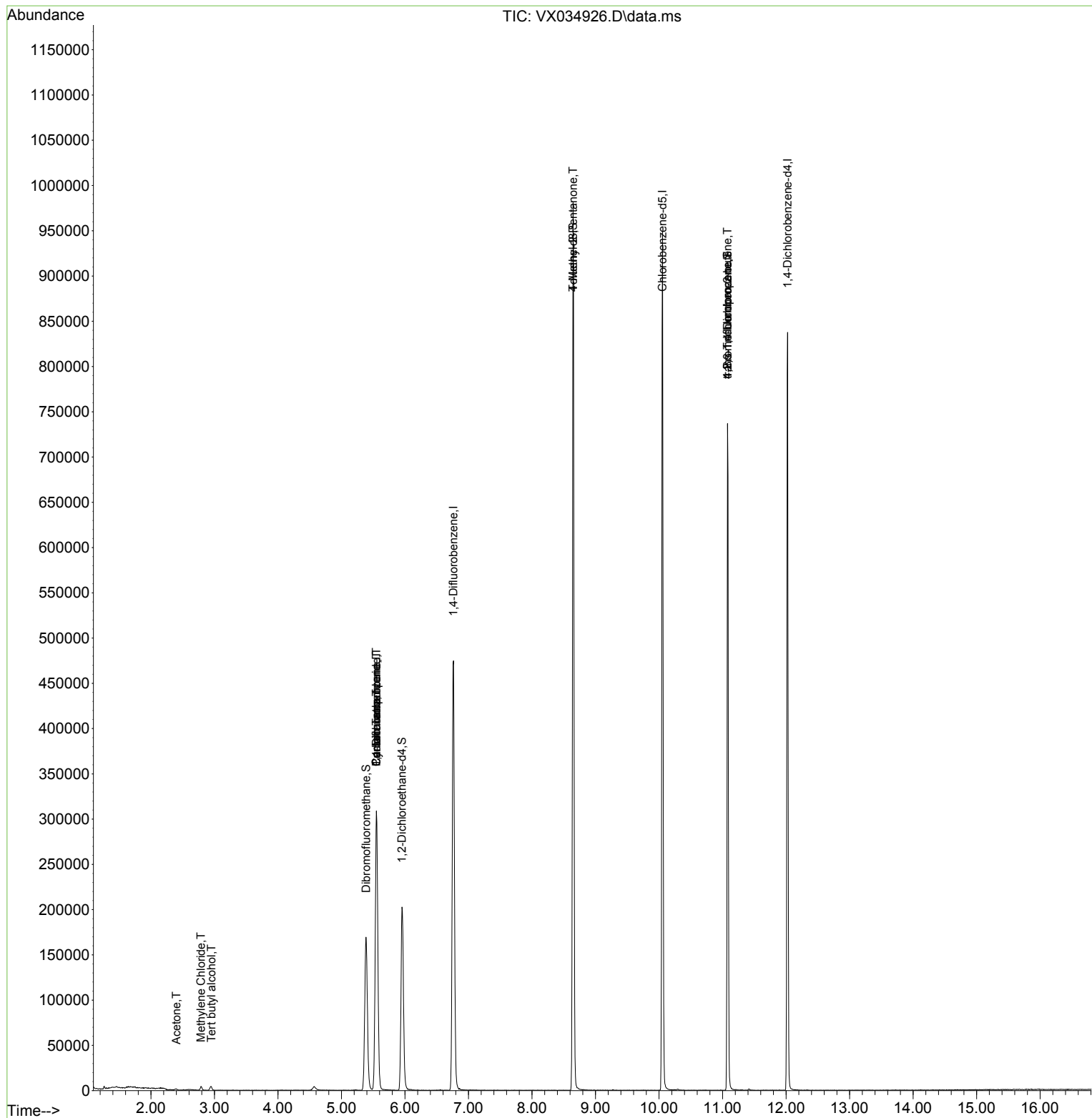
Internal Standards						
1) Pentafluorobenzene	5.550	168	275137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204388	48.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.140%
35) Dibromofluoromethane	5.385	113	149835	48.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.647	98	561217	49.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	201436	45.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2930	3.969	ug/l #	73
16) Acetone	2.398	43	1874	1.096	ug/l	96
20) Methylene Chloride	2.788	84	1720	0.510	ug/l #	94
31) Cyclohexane	5.550	56	6639	1.296	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	24156	5.268	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30082	6.959	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2990	0.630	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109914	31.830	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109914	95.393	ug/l #	8

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

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MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

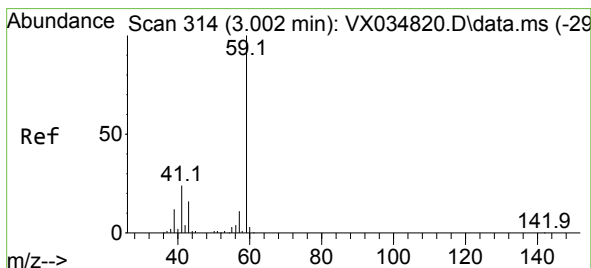
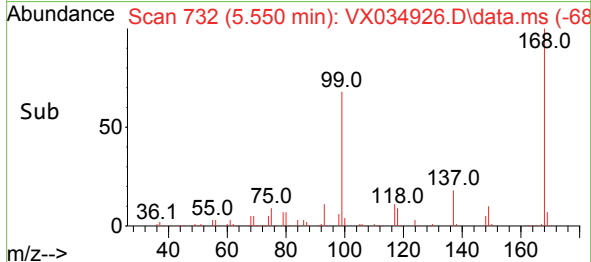
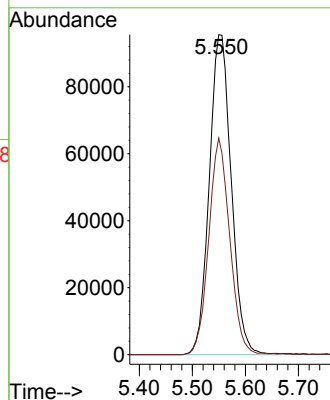
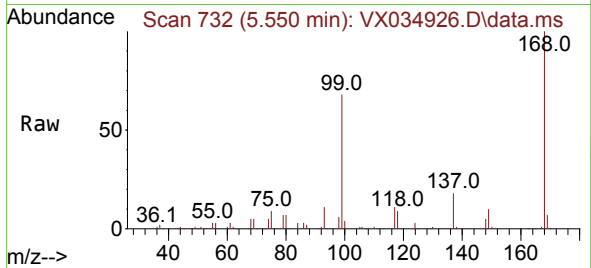




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

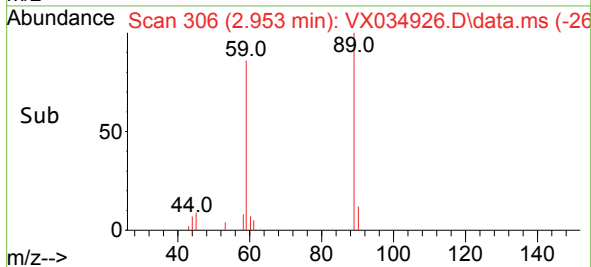
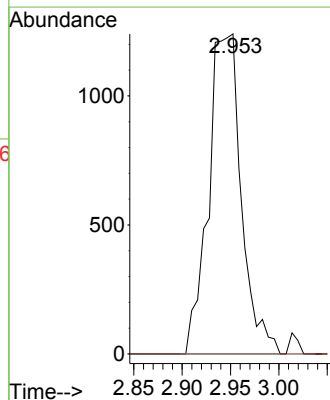
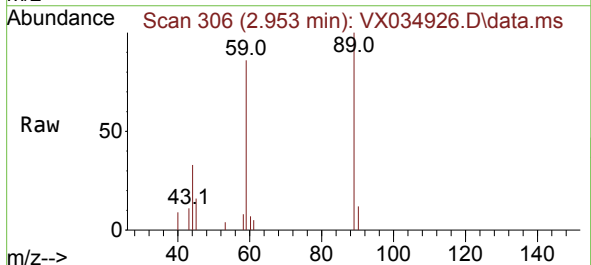
Instrument :
MSVOA_X
ClientSampleId :
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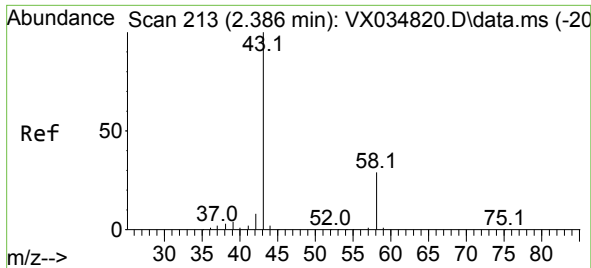
Tgt Ion:168 Resp: 275137
Ion Ratio Lower Upper
168 100
99 67.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 3.969 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion: 59 Resp: 2930
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

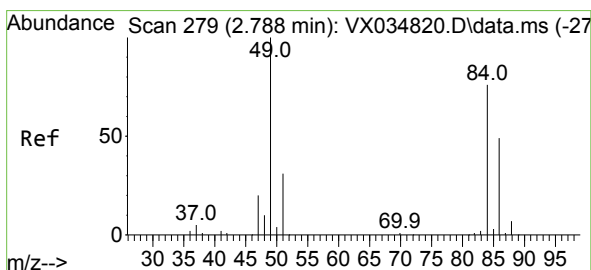
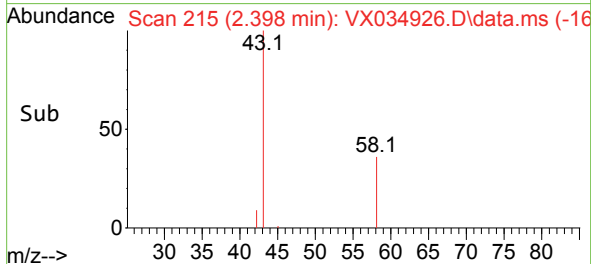
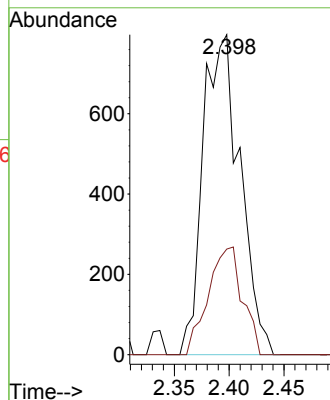
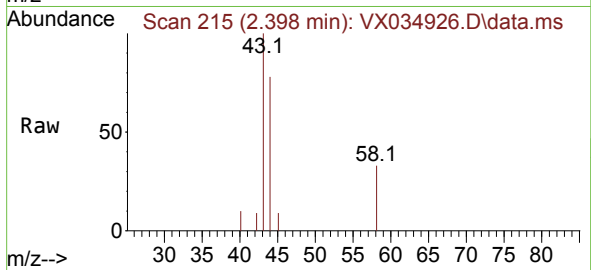




#16
Acetone
Concen: 1.096 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

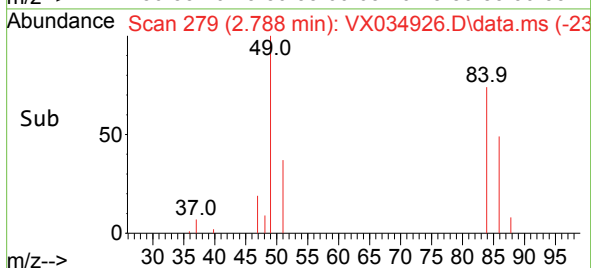
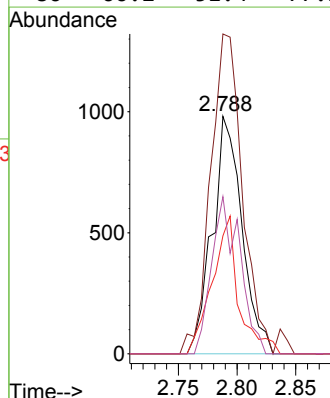
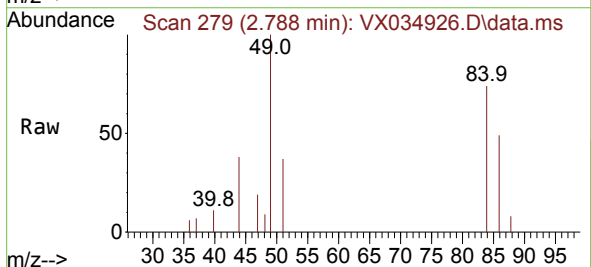
Instrument :
MSVOA_X
ClientSampleId :
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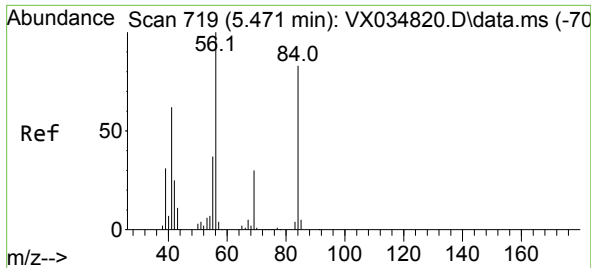
Tgt Ion: 43 Resp: 1874
Ion Ratio Lower Upper
43 100
58 33.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.510 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

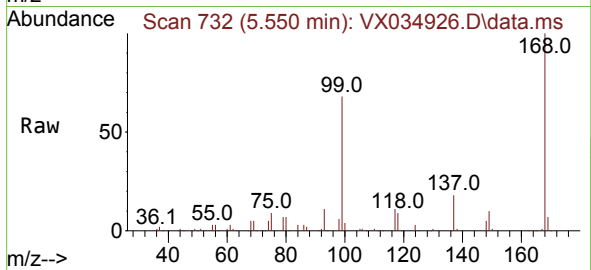
Tgt Ion: 84 Resp: 1720
Ion Ratio Lower Upper
84 100
49 134.7 103.8 155.8
51 49.6 31.8 47.8#
86 66.2 51.4 77.2



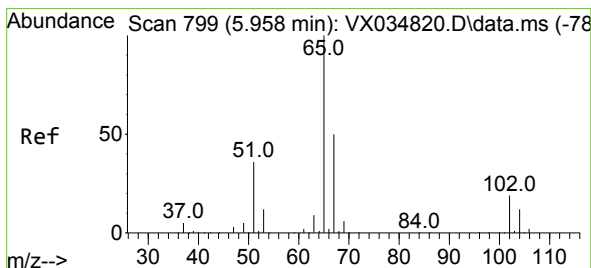
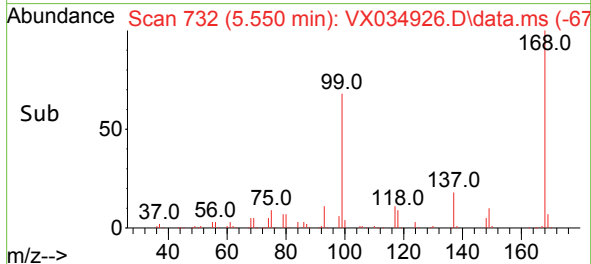
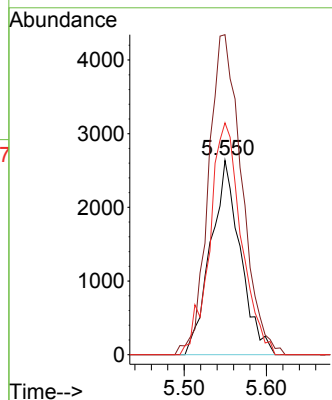


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
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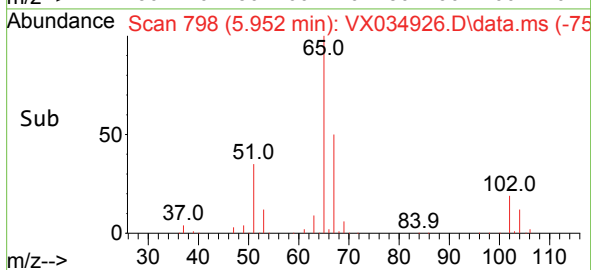
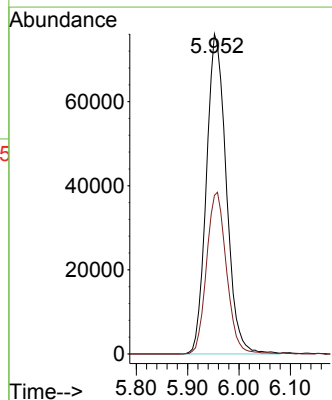
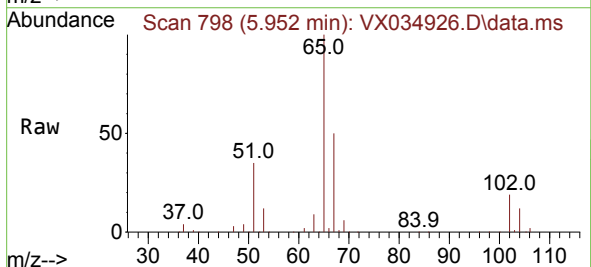


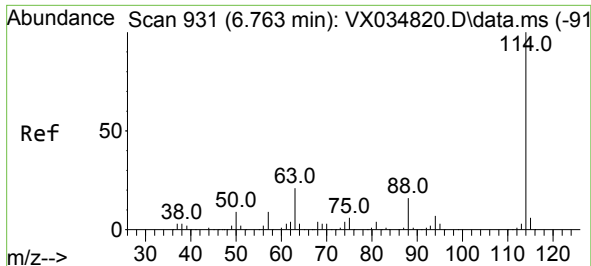
Tgt Ion: 56 Resp: 6639
Ion Ratio Lower Upper
56 100
69 161.2 23.7 35.5#
84 119.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.573 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion: 65 Resp: 204388
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

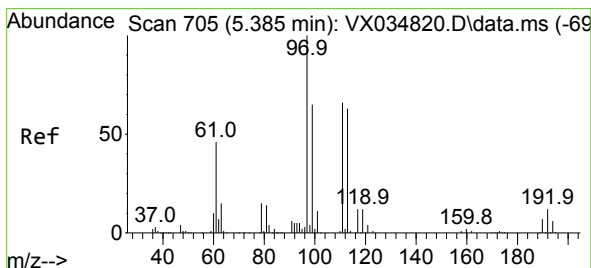
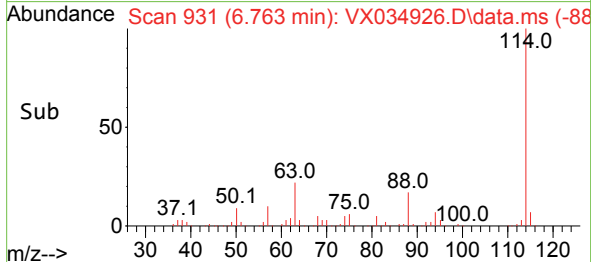
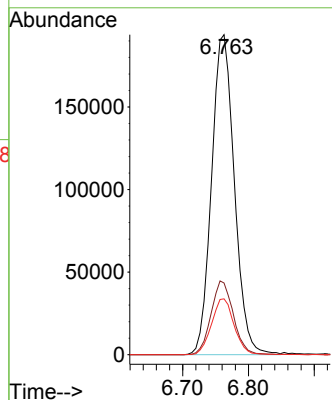
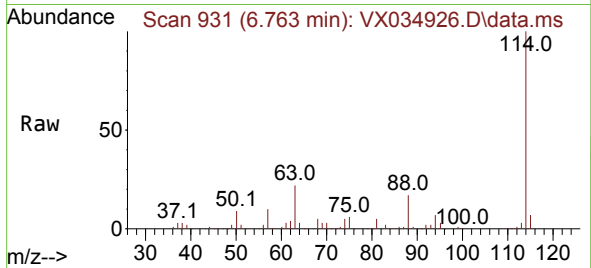




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

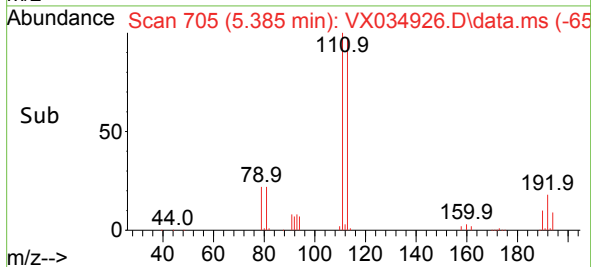
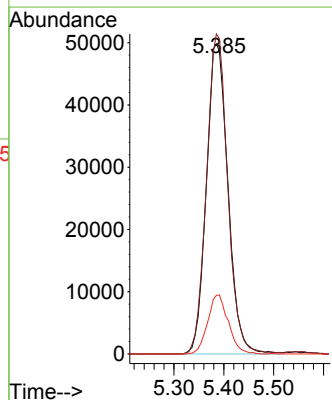
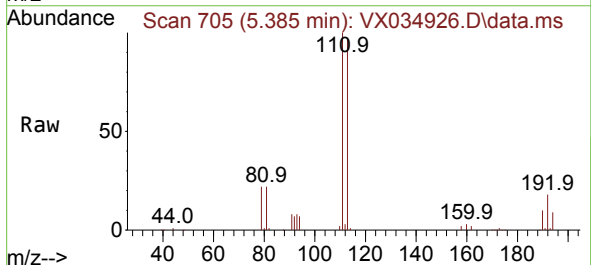
Instrument :
MSVOA_X
ClientSampleId :
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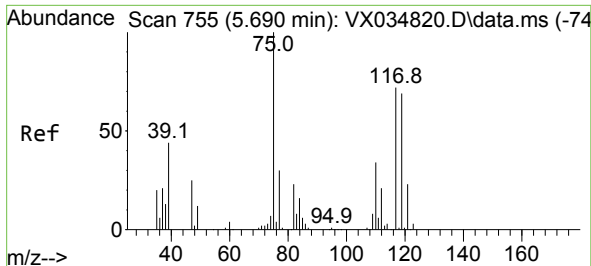
Tgt Ion:114 Resp: 467927
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.413 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion:113 Resp: 149835
Ion Ratio Lower Upper
113 100
111 101.2 83.7 125.5
192 18.2 15.4 23.2

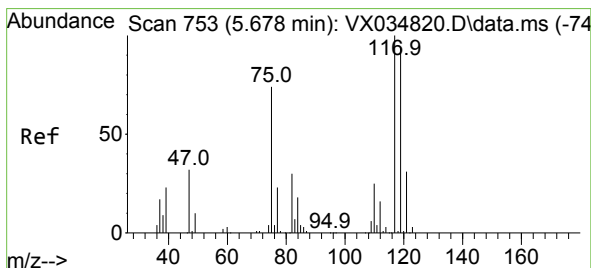
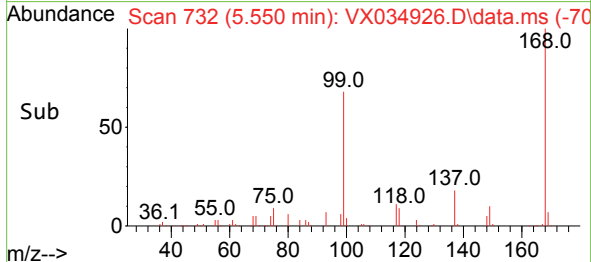
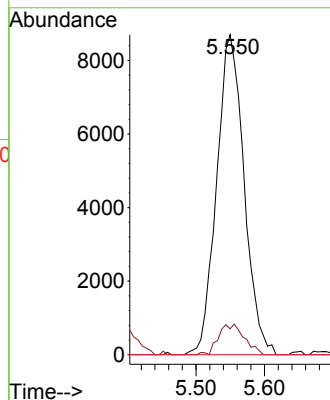
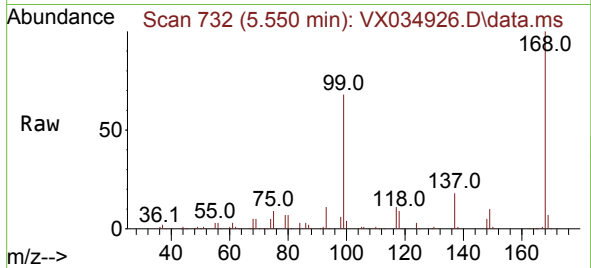




#36
1,1-Dichloropropene
Concen: 5.268 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

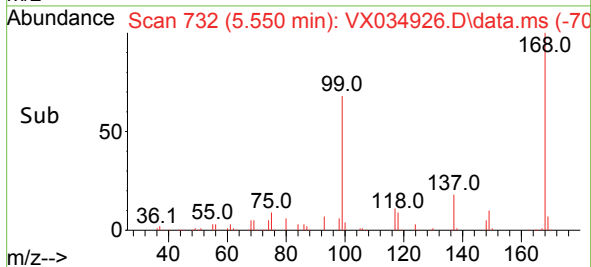
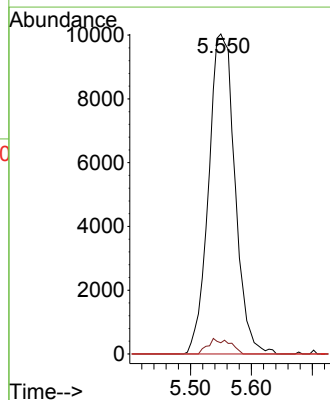
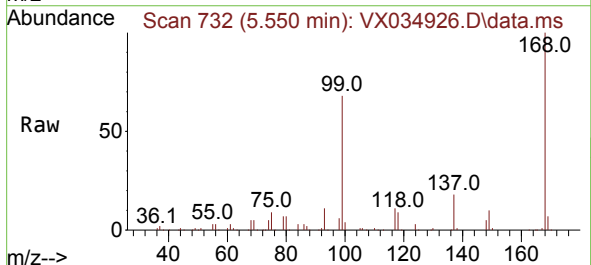
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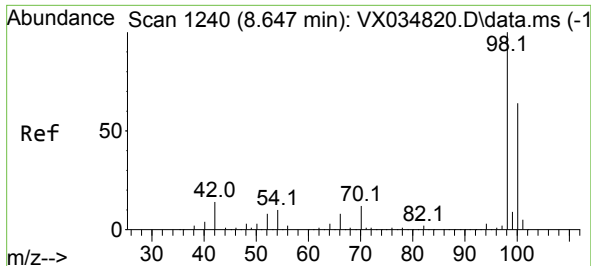
Tgt Ion: 75 Resp: 24156
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.959 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion: 117 Resp: 30082
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#

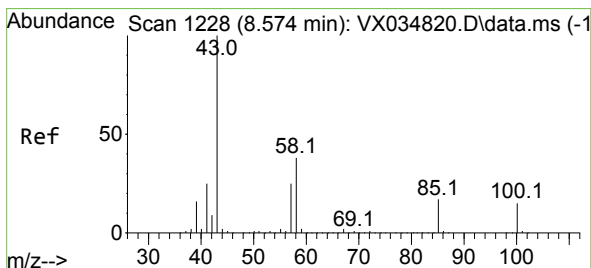
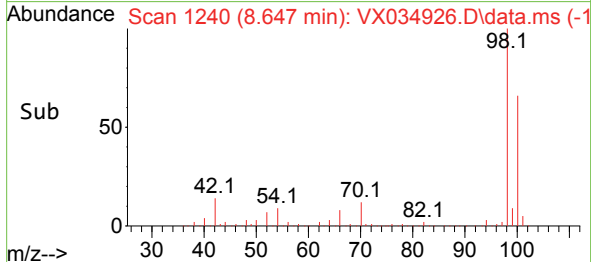
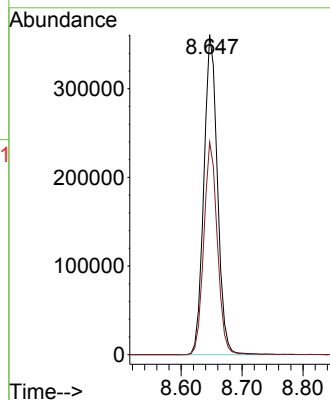
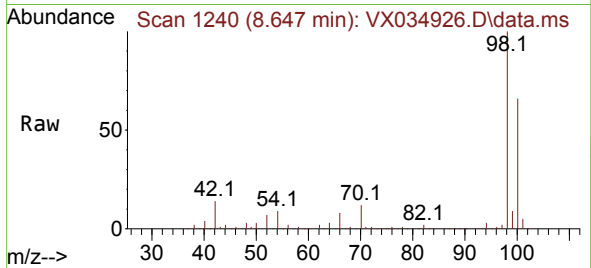




#50
Toluene-d8
Concen: 49.127 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

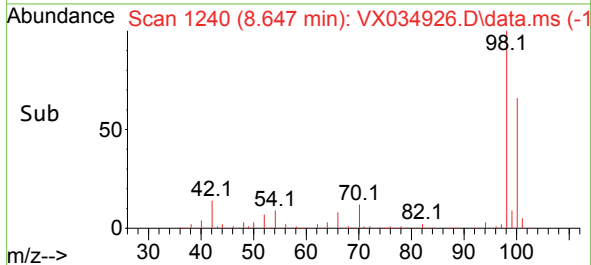
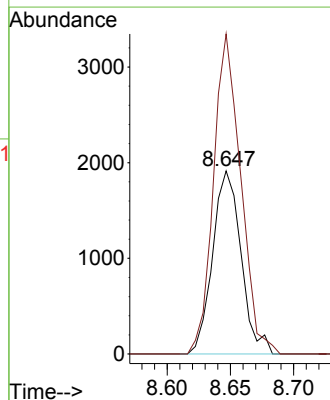
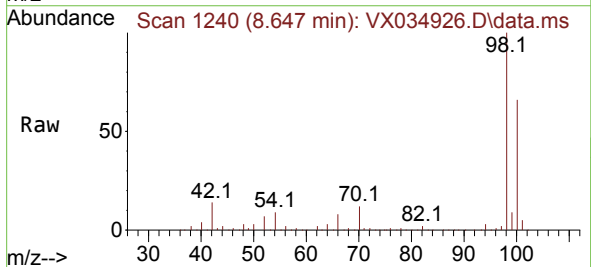
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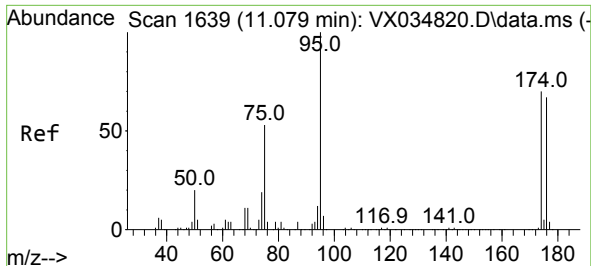
Tgt Ion: 98 Resp: 561217
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
58 167.7 30.6 46.0#

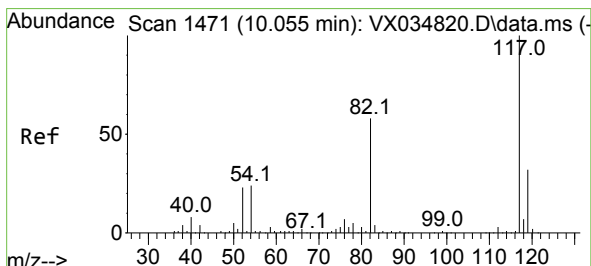
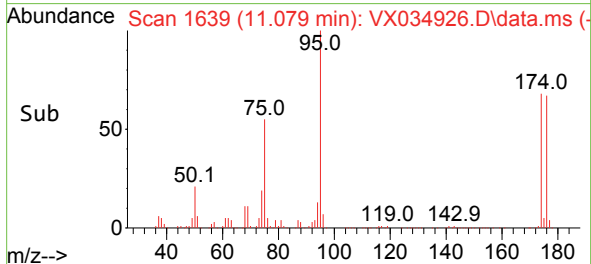
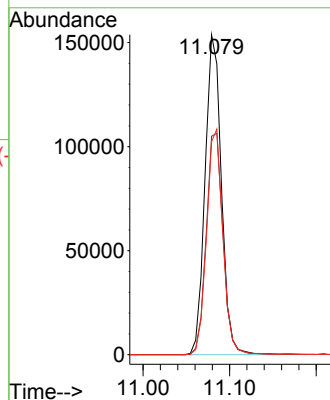
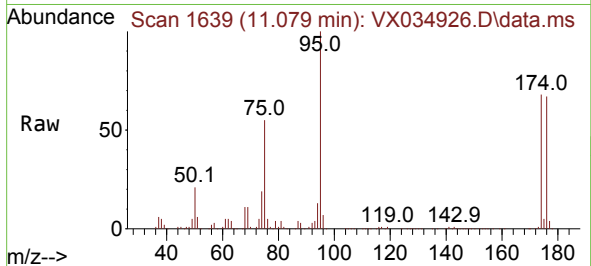




#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

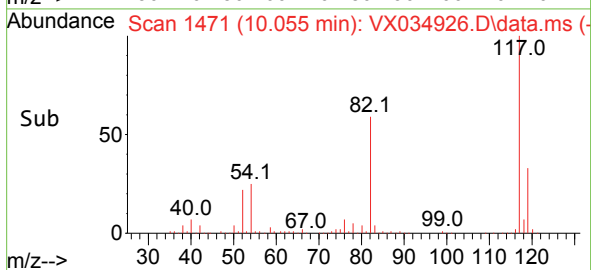
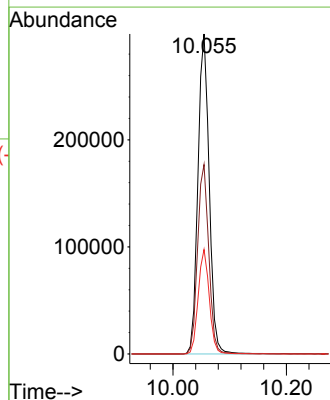
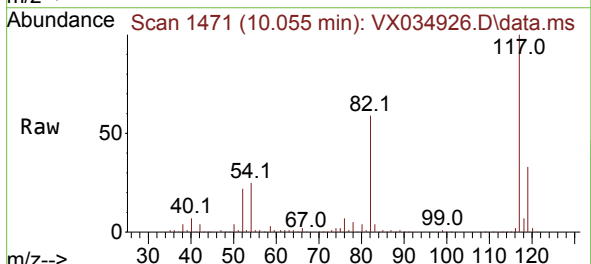
Instrument :
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ClientSampleId :
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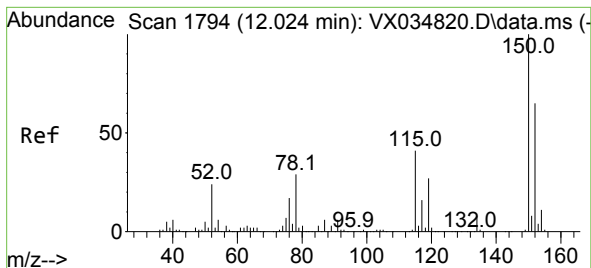
Tgt Ion: 95 Resp: 201436
Ion Ratio Lower Upper
95 100
174 71.7 0.0 147.4
176 70.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034926.D
Acq: 03 Apr 2023 12:51

Tgt Ion: 117 Resp: 411640
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 32.7 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: VX034926.D

Acq: 03 Apr 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

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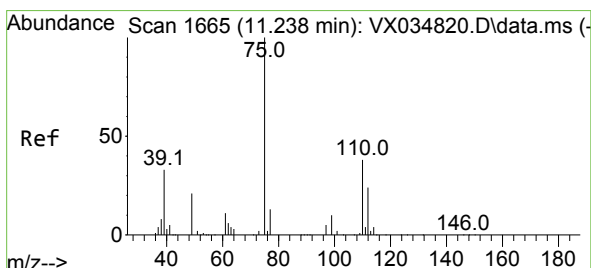
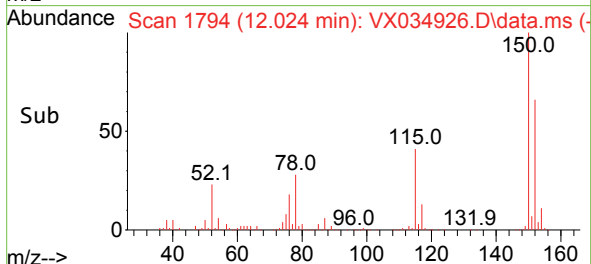
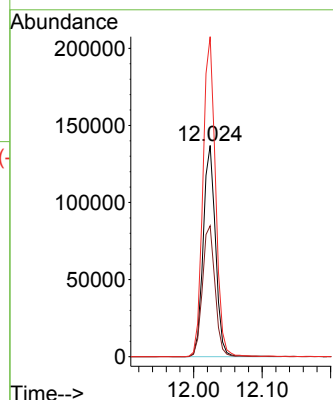
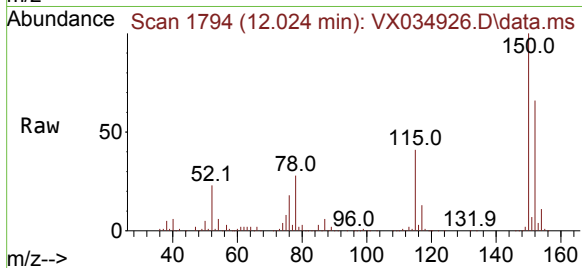
Tgt Ion:152 Resp: 171378

Ion Ratio Lower Upper

152 100

115 63.6 45.0 135.0

150 154.8 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 31.830 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034926.D

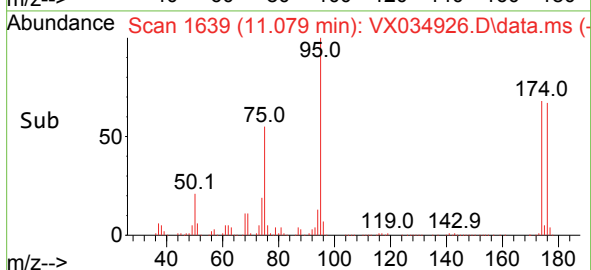
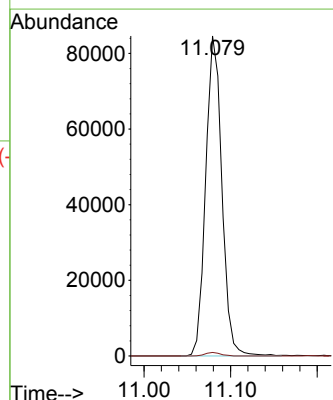
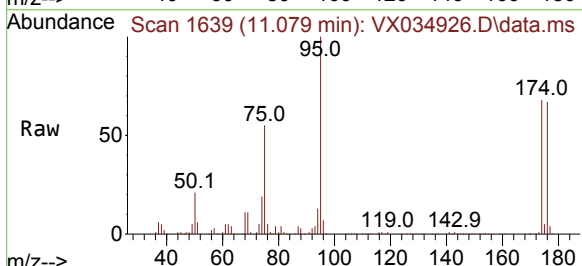
Acq: 03 Apr 2023 12:51

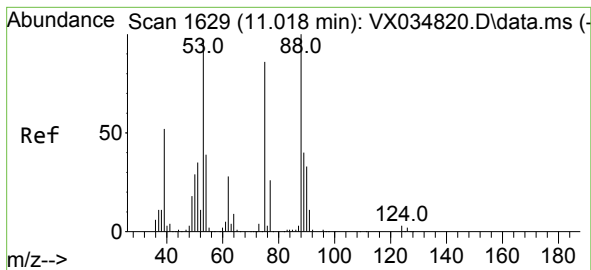
Tgt Ion: 75 Resp: 109914

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.393 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034926.D
 Acq: 03 Apr 2023 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 109914
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

