

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034925.D
 Acq On : 03 Apr 2023 12:28
 Operator : JC/MD
 Sample : 02159-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-7D

Quant Time: Apr 03 21:35:31 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)

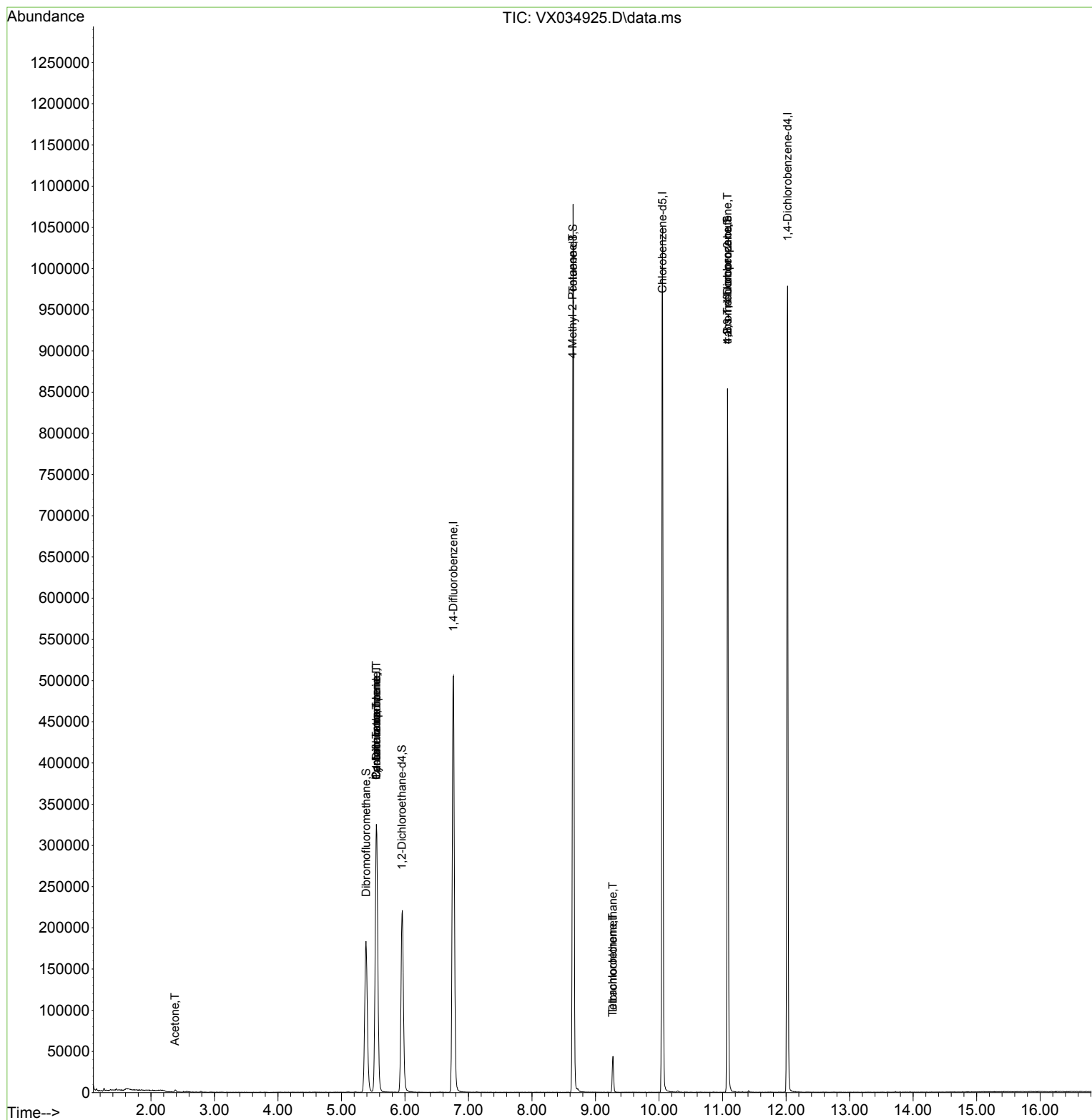
Internal Standards						
1) Pentafluorobenzene	5.550	168	295810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	498499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220877	48.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	160466	48.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	607638	49.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	230971	49.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.080%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2996	1.630	ug/l #	87
31) Cyclohexane	5.550	56	7247	1.316	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	25692	5.260	ug/l #	51
38) Carbon Tetrachloride	5.550	117	32258	7.004	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	3121	0.617	ug/l #	1
60) Dibromochloromethane	9.275	129	7579	2.299	ug/l #	10
64) Tetrachloroethene	9.269	164	7829	2.425	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	123880	30.767	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	123880	92.205	ug/l #	8

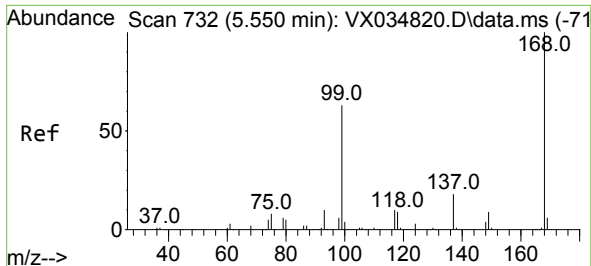
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 21:35:31 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

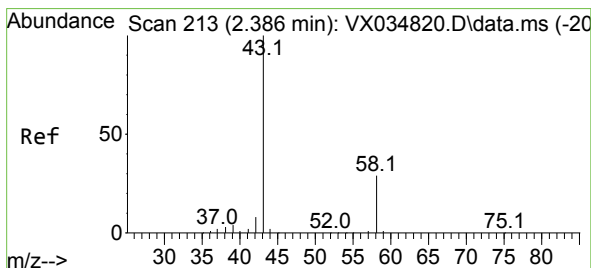
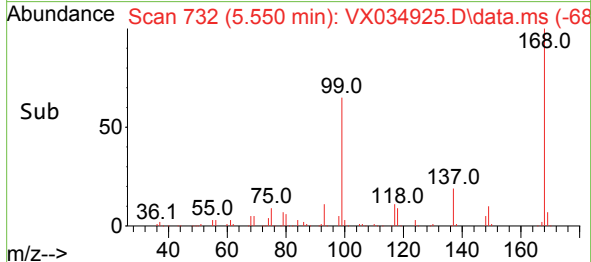
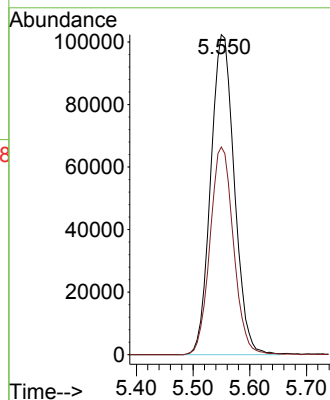
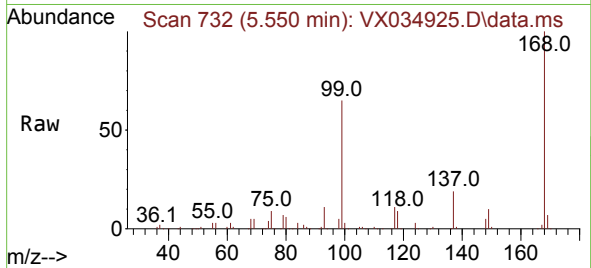




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

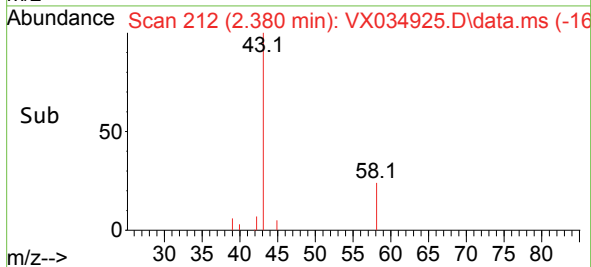
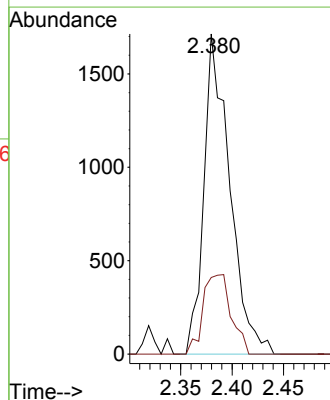
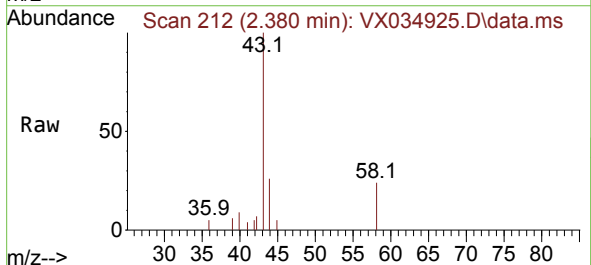
Instrument :
MSVOA_X
ClientSampleId :
MP-7D

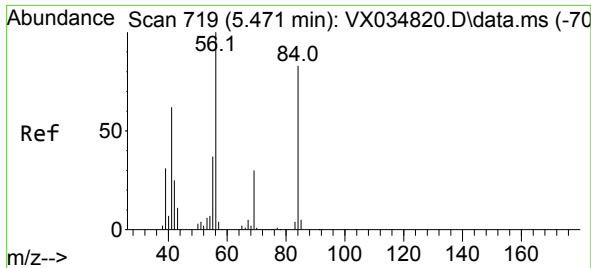
Tgt Ion:168 Resp: 295810
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5



#16
Acetone
Concen: 1.630 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

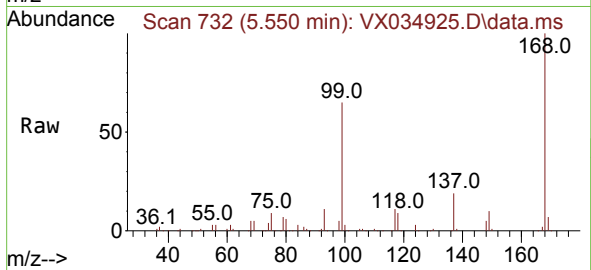
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
58 23.9 24.7 37.1#



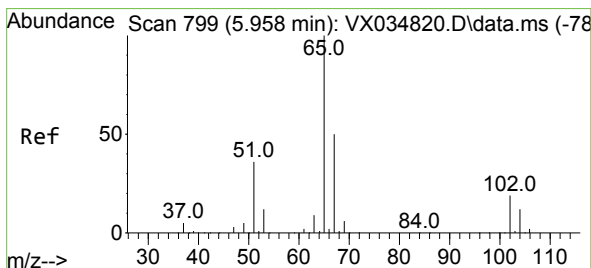
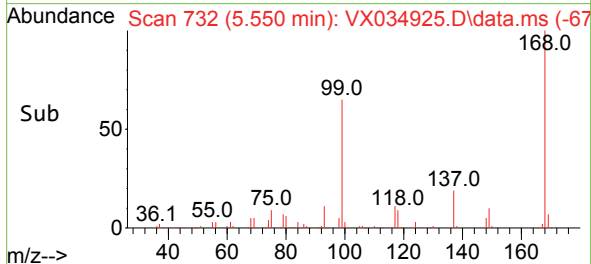
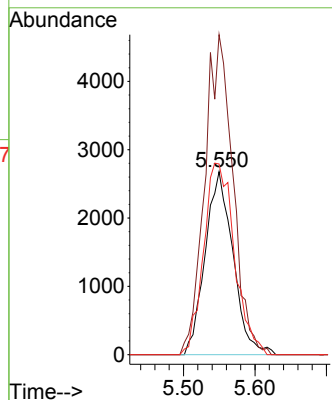


#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
MP-7D

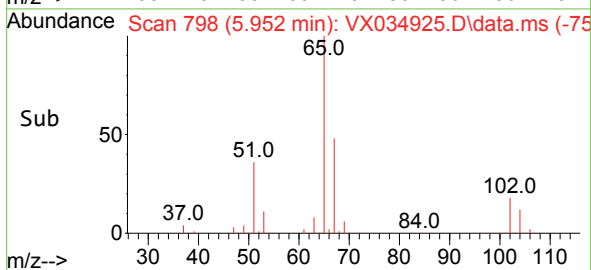
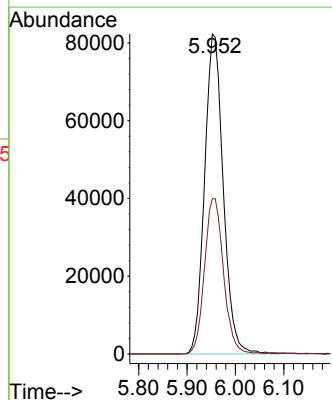
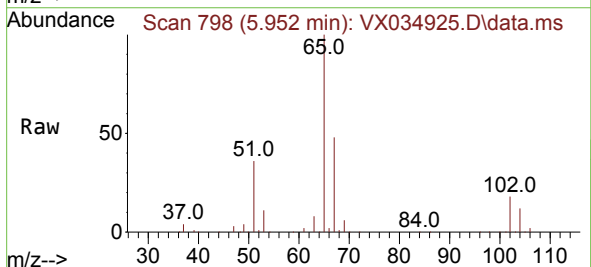


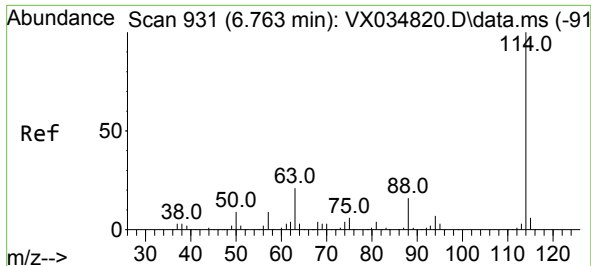
Tgt Ion: 56 Resp: 7247
Ion Ratio Lower Upper
56 100
69 174.8 23.7 35.5#
84 104.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.824 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Tgt Ion: 65 Resp: 220877
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

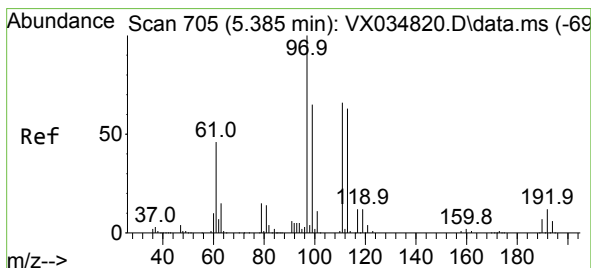
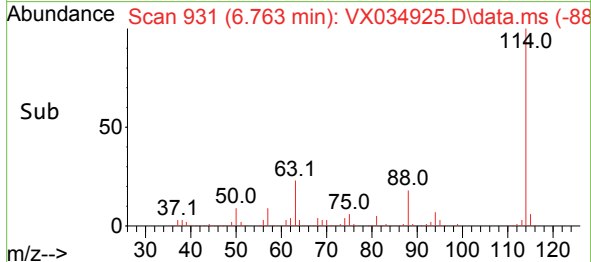
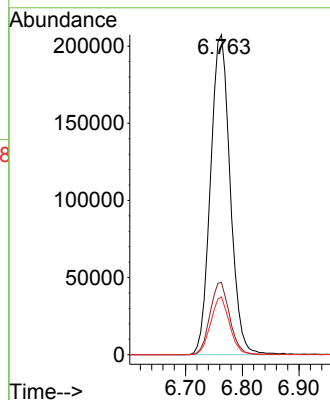
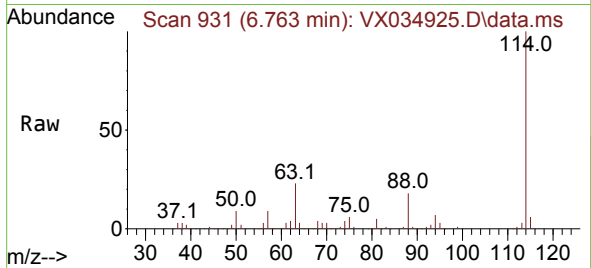




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

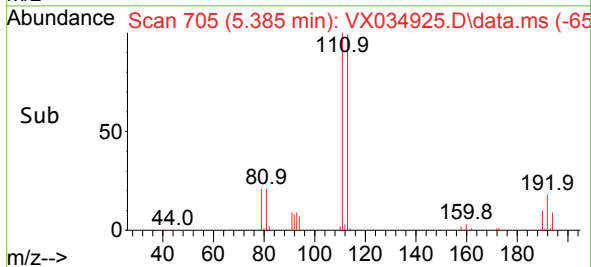
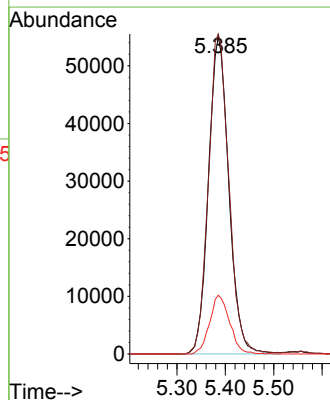
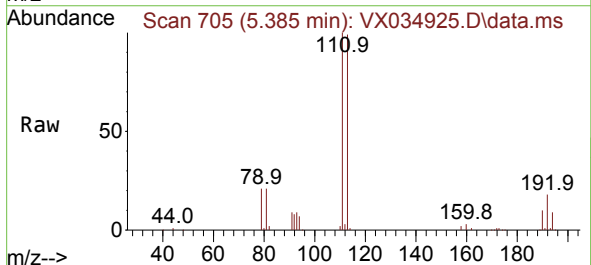
Instrument :
MSVOA_X
ClientSampleId :
MP-7D

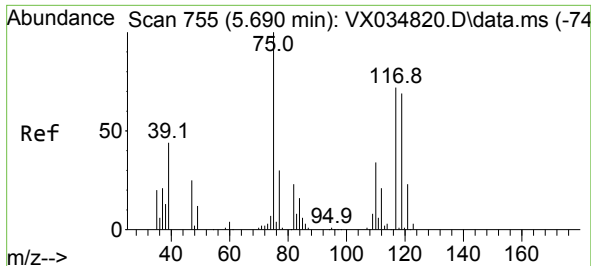
Tgt Ion:114 Resp: 498499
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 18.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Tgt Ion:113 Resp: 160466
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 18.2 15.4 23.2

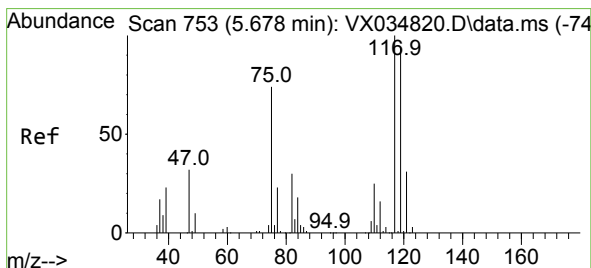
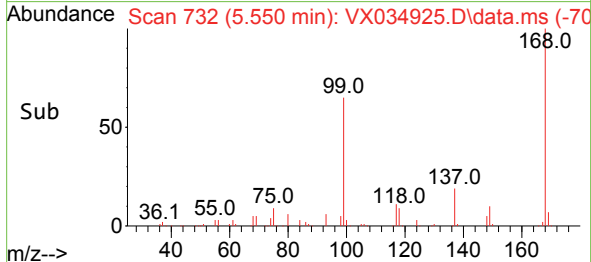
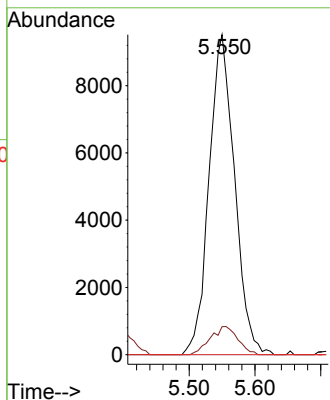
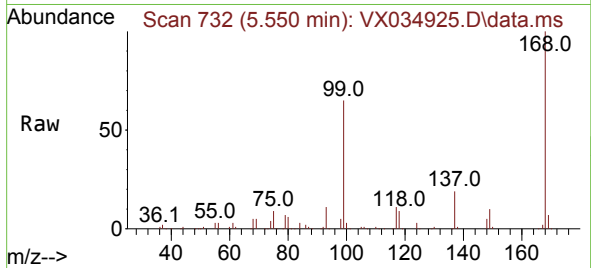




#36
1,1-Dichloropropene
Concen: 5.260 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

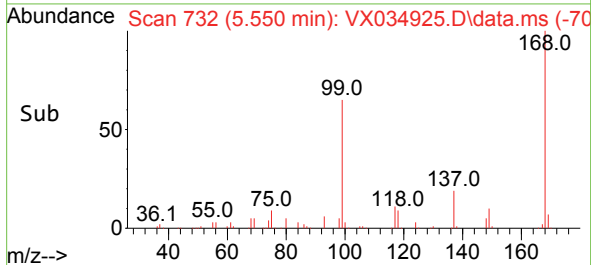
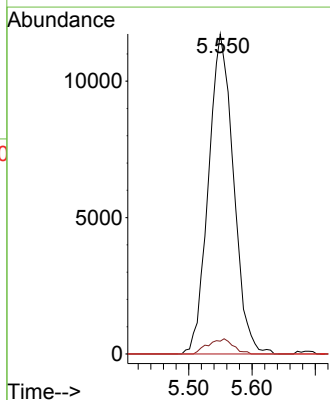
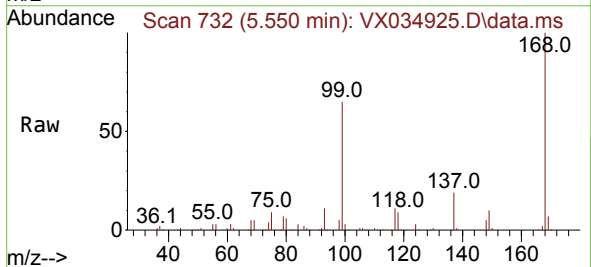
Instrument :
MSVOA_X
ClientSampleId :
MP-7D

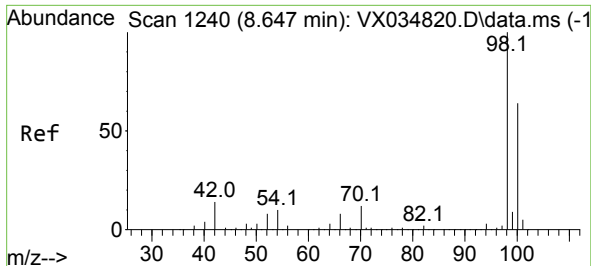
Tgt Ion: 75 Resp: 25692
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 7.004 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Tgt Ion: 117 Resp: 32258
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#

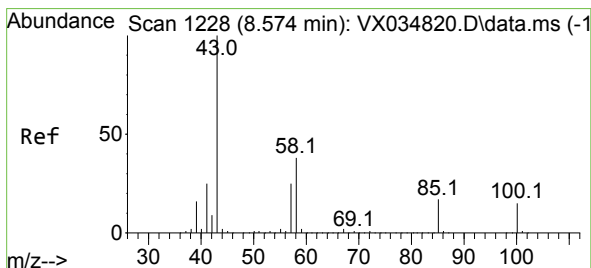
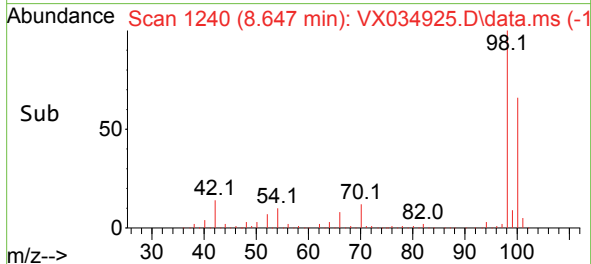
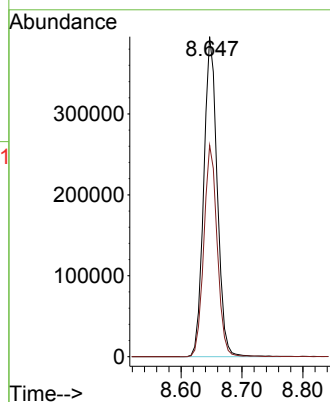
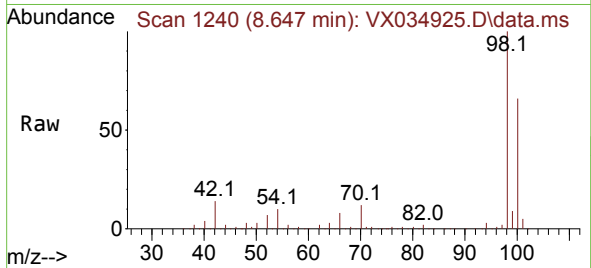




#50
Toluene-d8
Concen: 49.929 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

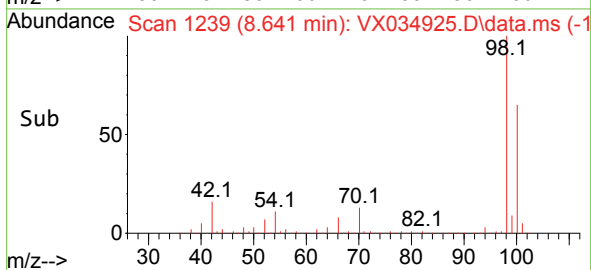
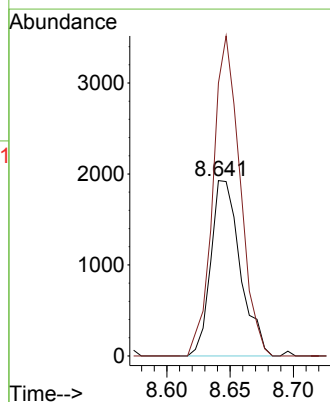
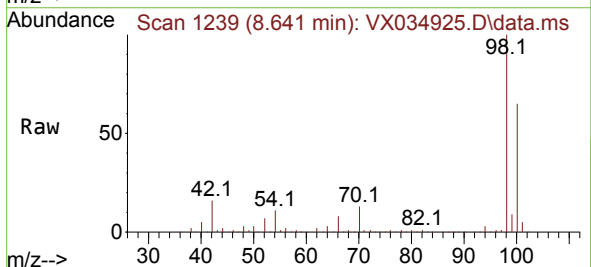
Instrument :
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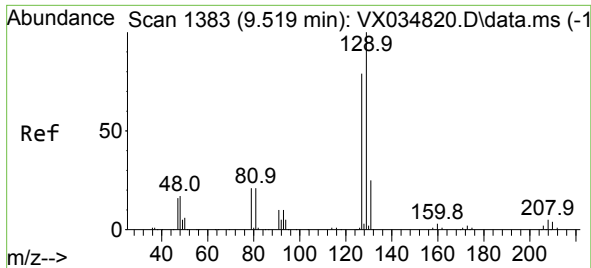
Tgt Ion: 98 Resp: 607638
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
58 167.8 30.6 46.0#

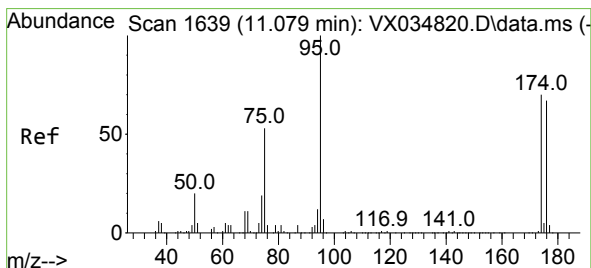
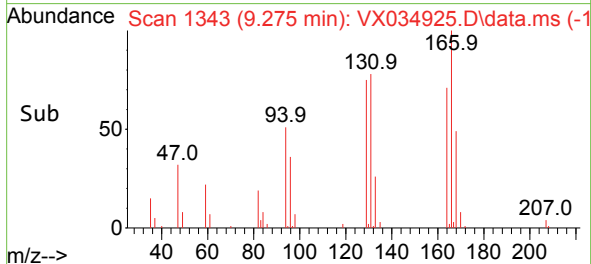
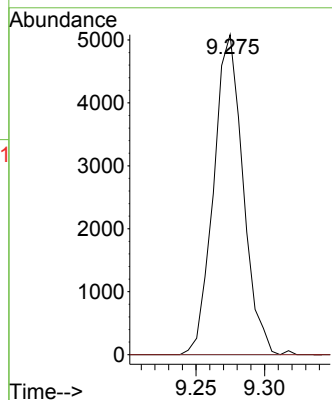
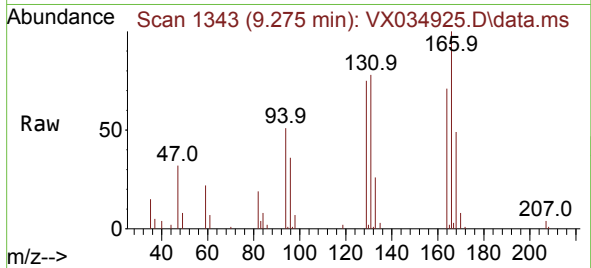




#60
 Dibromochloromethane
 Concen: 2.299 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX034925.D
 Acq: 03 Apr 2023 12:28

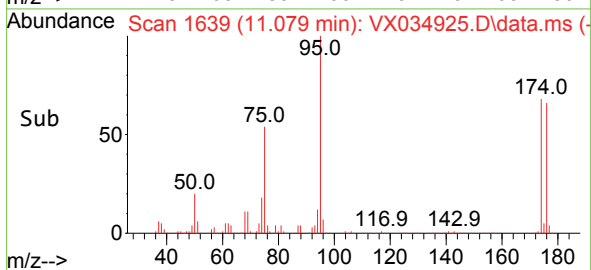
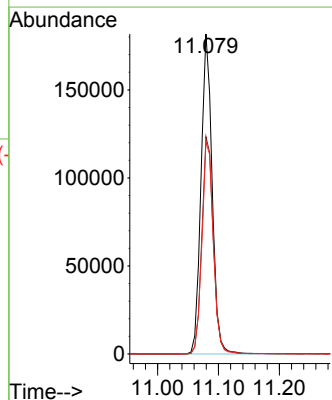
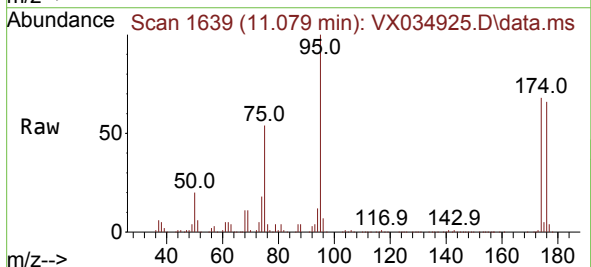
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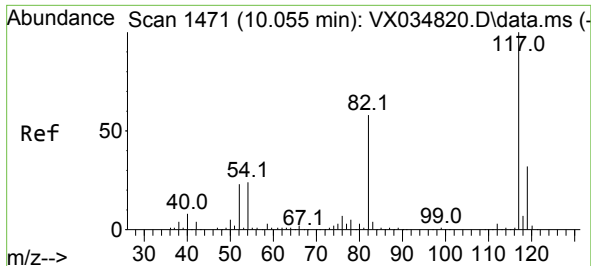
Tgt Ion:129 Resp: 7579
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.0 117.0#



#62
 4-Bromofluorobenzene
 Concen: 49.044 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX034925.D
 Acq: 03 Apr 2023 12:28

Tgt Ion: 95 Resp: 230971
 Ion Ratio Lower Upper
 95 100
 174 69.6 0.0 147.4
 176 67.7 0.0 140.6

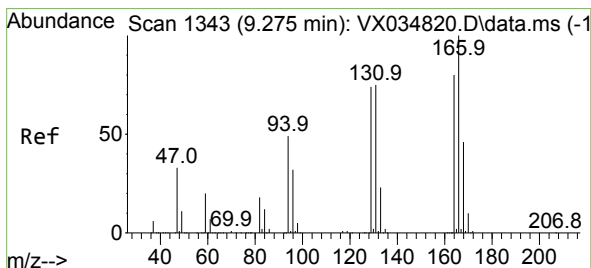
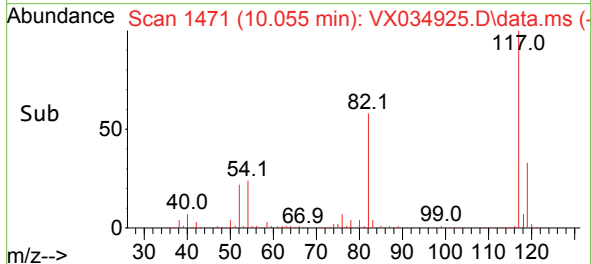
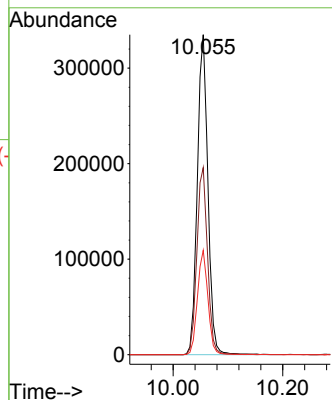
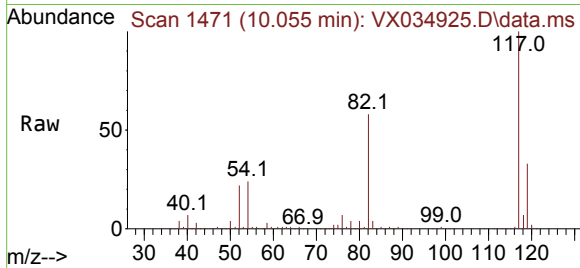




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

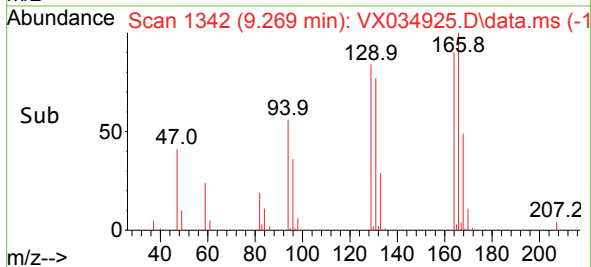
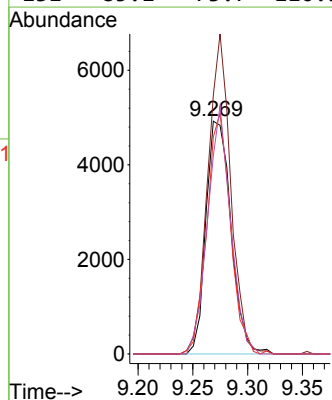
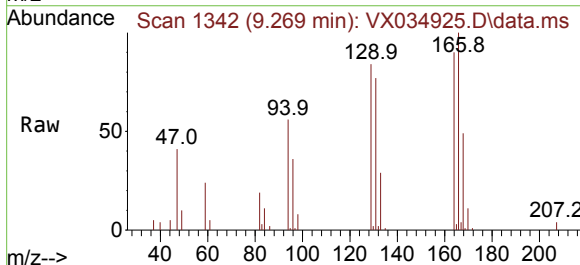
Instrument :
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ClientSampleId :
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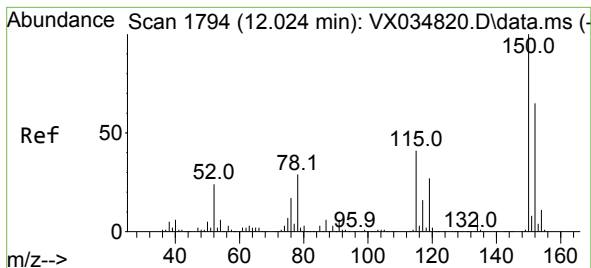
Tgt Ion:117 Resp: 451167
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 2.425 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034925.D
Acq: 03 Apr 2023 12:28

Tgt Ion:164 Resp: 7829
Ion Ratio Lower Upper
164 100
166 111.1 102.7 154.1
129 93.3 75.6 113.4
131 85.1 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034925.D

Acq: 03 Apr 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

MP-7D

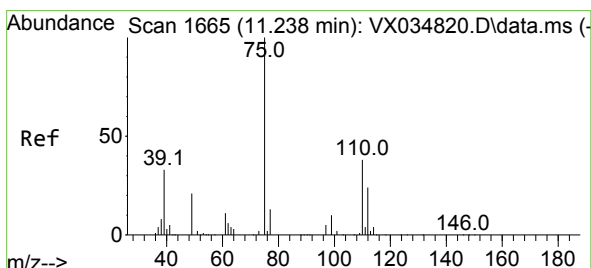
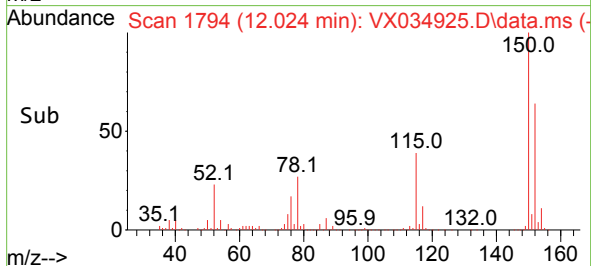
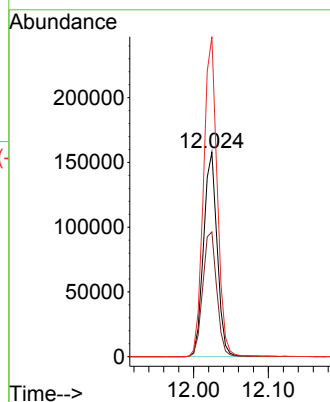
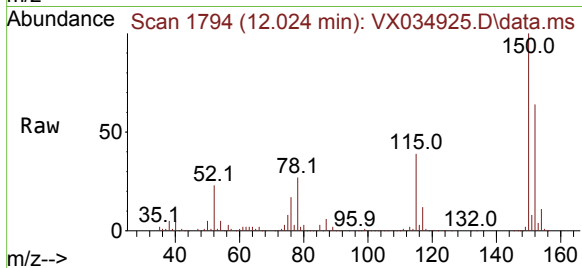
Tgt Ion:152 Resp: 199831

Ion Ratio Lower Upper

152 100

115 63.0 45.0 135.0

150 156.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 30.767 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034925.D

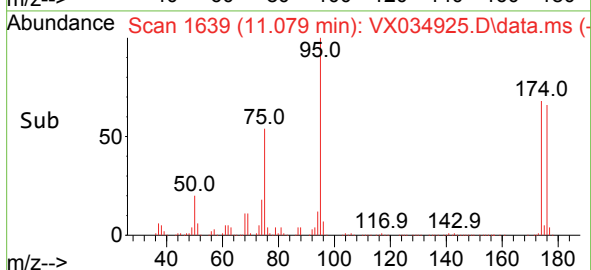
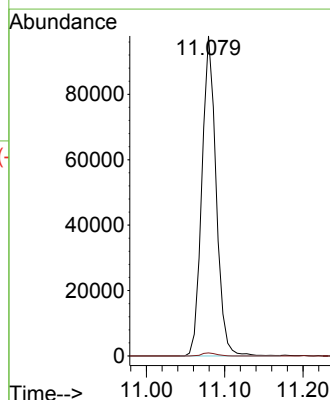
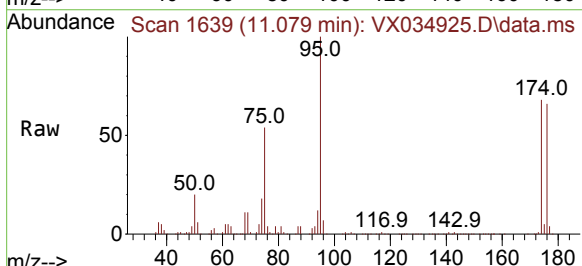
Acq: 03 Apr 2023 12:28

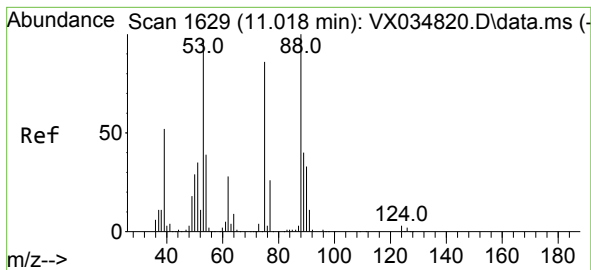
Tgt Ion: 75 Resp: 123880

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.205 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034925.D
 Acq: 03 Apr 2023 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-7D

Tgt Ion: 75 Resp: 123880
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

