

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039612.D
 Acq On : 03 Jan 2024 19:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

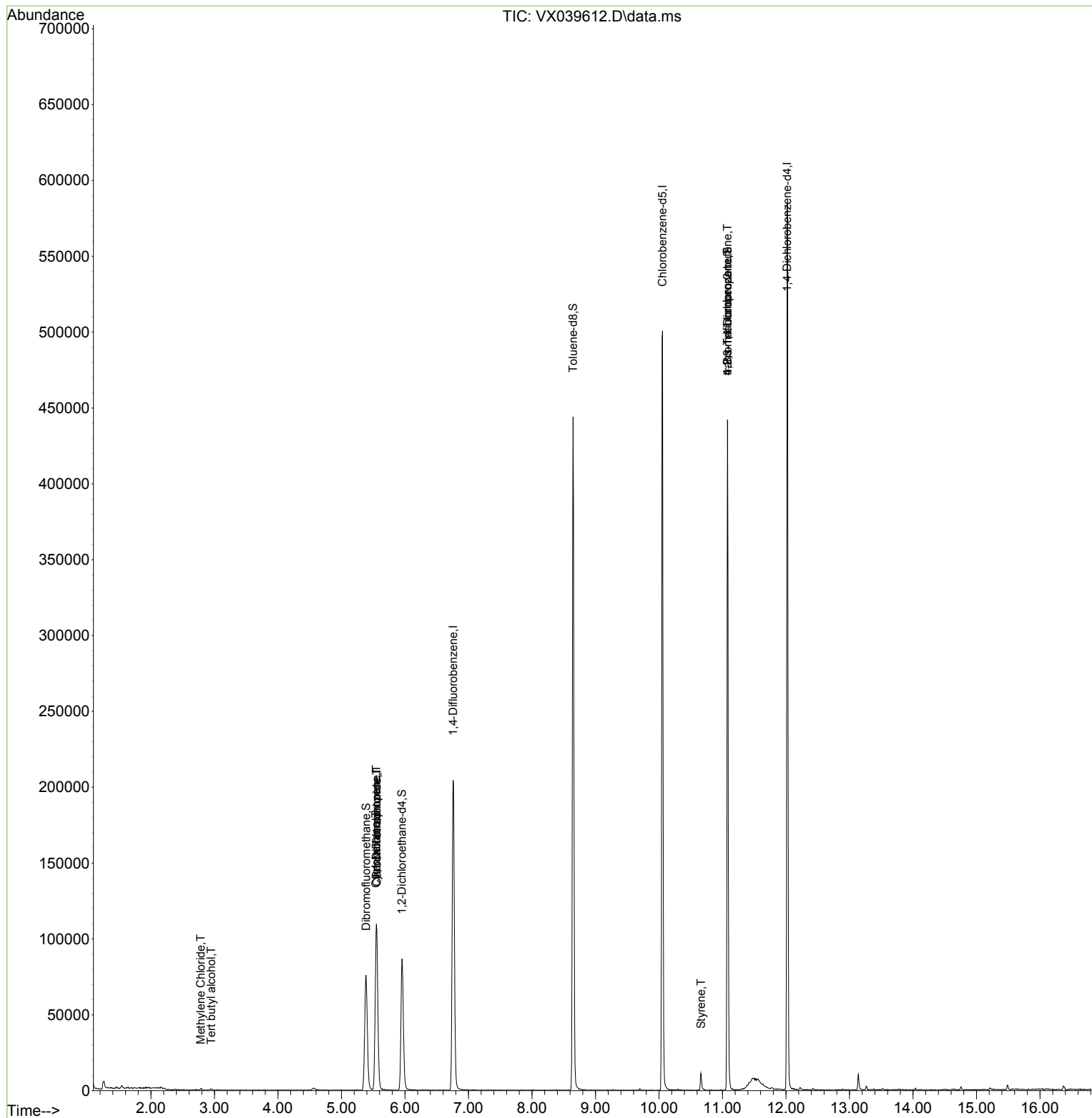
Internal Standards						
1) Pentafluorobenzene	5.550	168	96584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83125	46.981	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	66415	46.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.647	98	259093	49.018	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	119773	54.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	571	1.285	ug/l #	78
16) Acetone	2.380	43	568	Below Cal		95
20) Methylene Chloride	2.782	84	472	0.320	ug/l #	77
31) Cyclohexane	5.544	56	2866	1.254	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	9089	4.046	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10610	4.949	ug/l #	14
70) Styrene	10.659	104	4663	1.040	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	64711	22.575	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64711	63.683	ug/l #	5

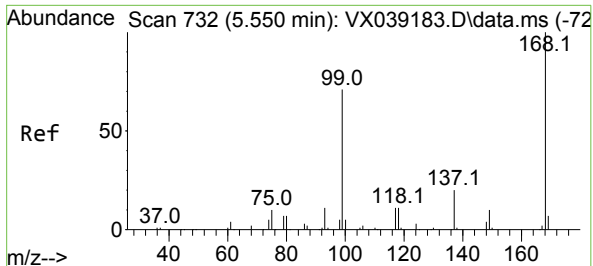
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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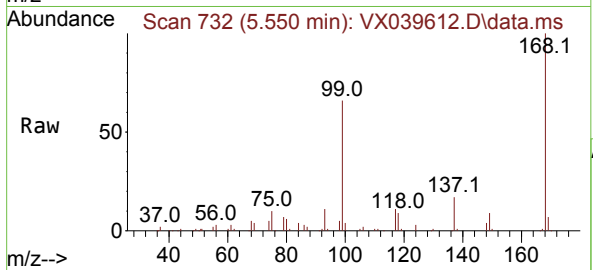
Quant Time: Jan 04 03:38:27 2024
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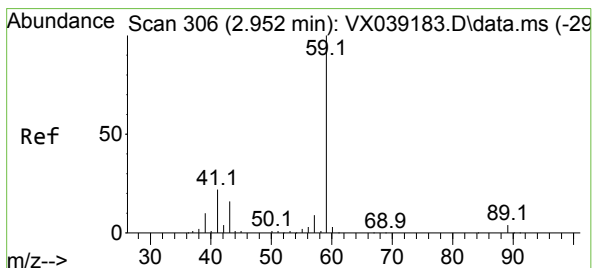
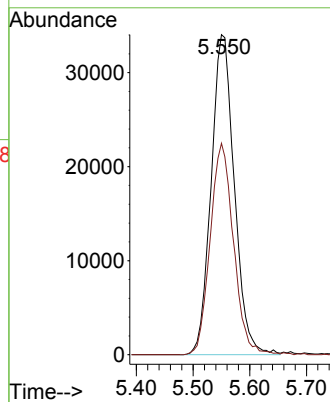
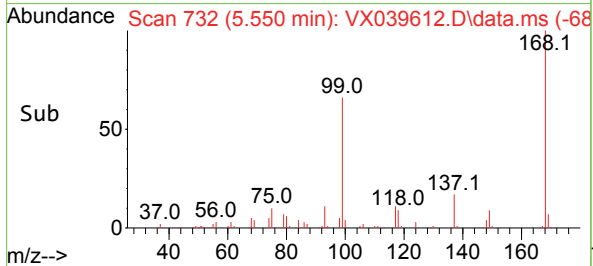


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

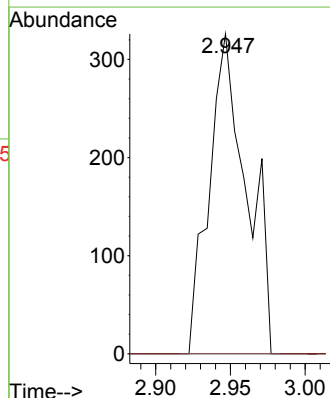
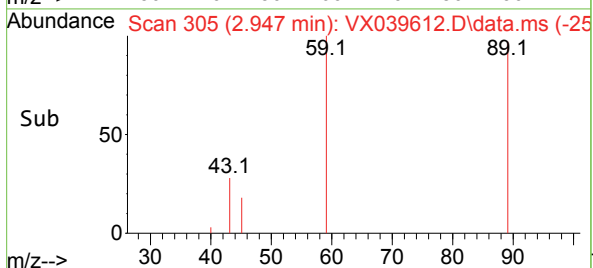
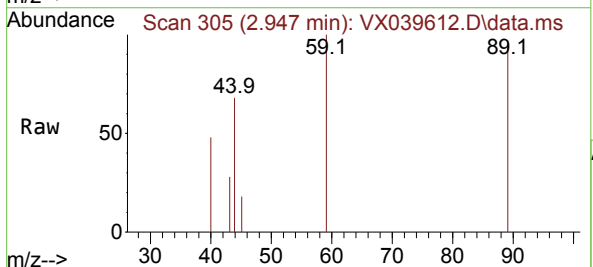


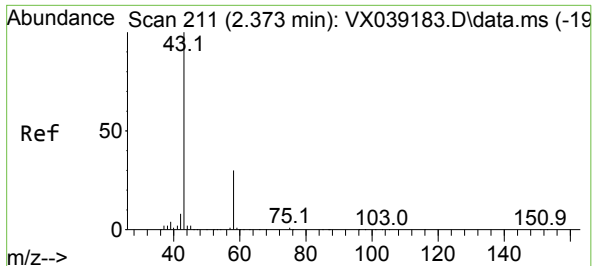
Tgt Ion:168 Resp: 96584
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.285 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Tgt Ion: 59 Resp: 571
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

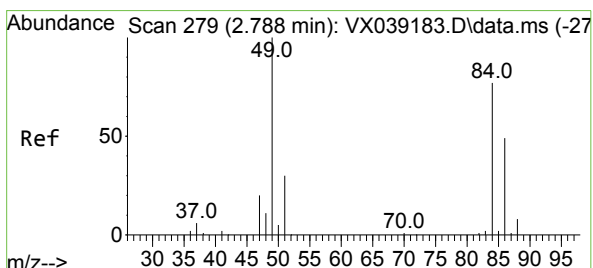
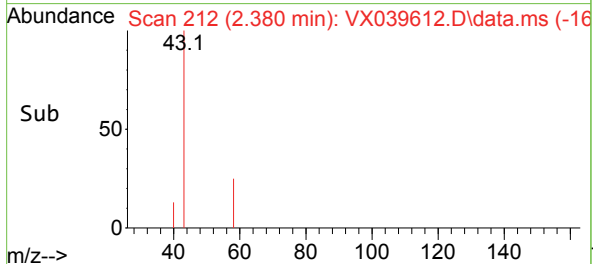
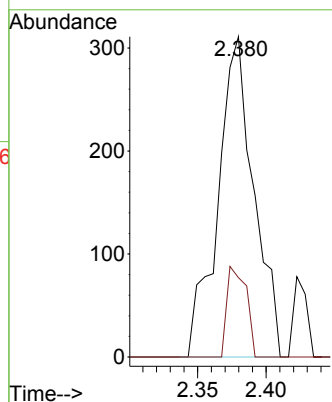
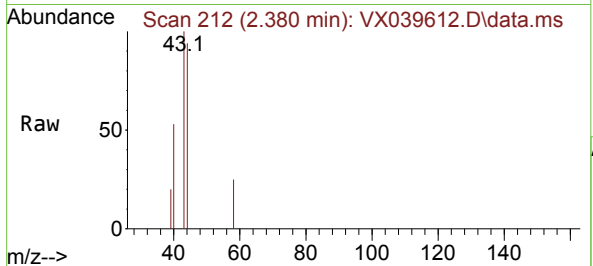




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

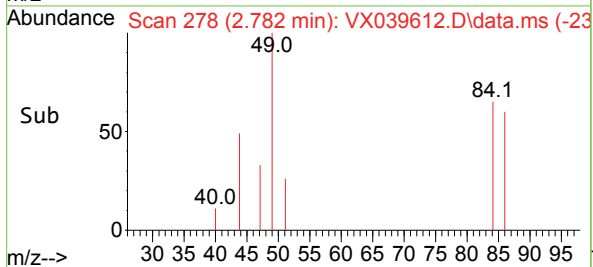
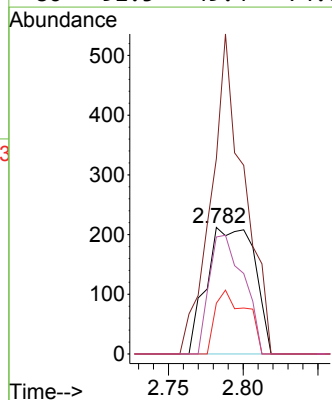
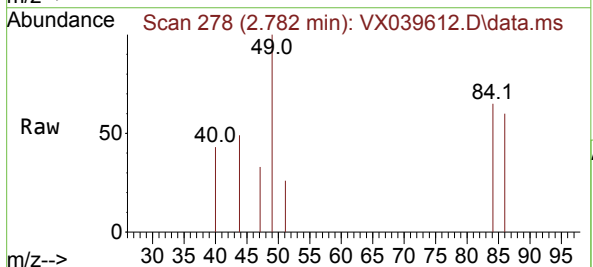
Instrument :
MSVOA_X
ClientSampleId :

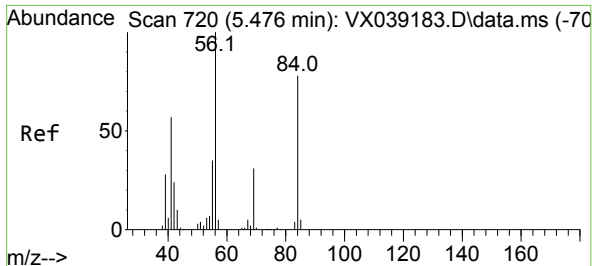
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
58 24.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

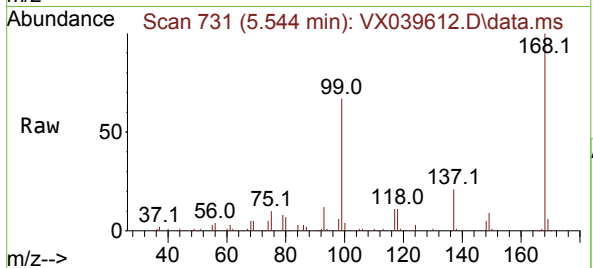
Tgt Ion: 84 Resp: 472
Ion Ratio Lower Upper
84 100
49 154.2 103.6 155.4
51 40.1 33.8 50.6
86 92.5 49.4 74.0#



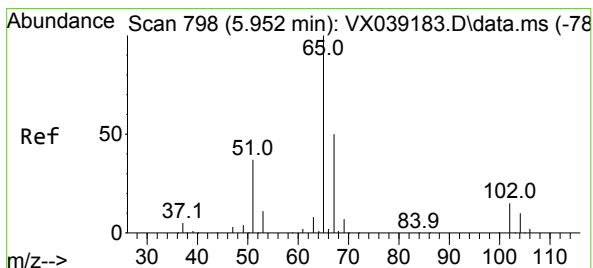
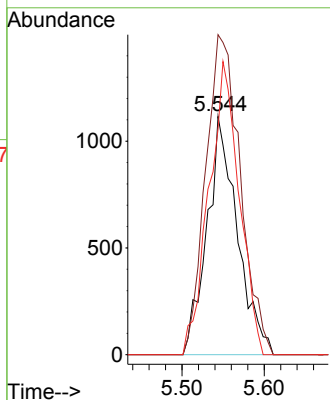
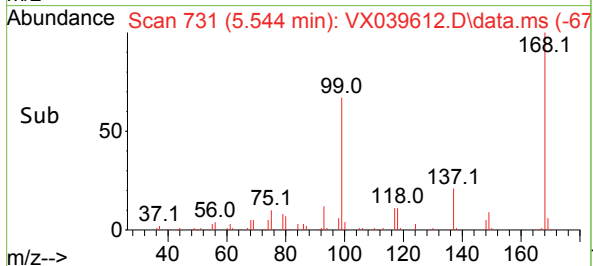


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

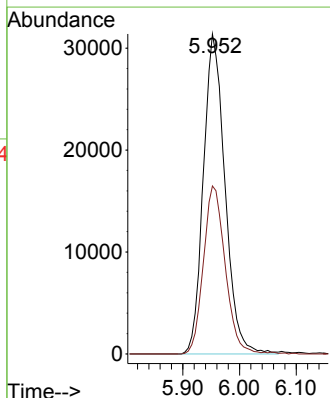
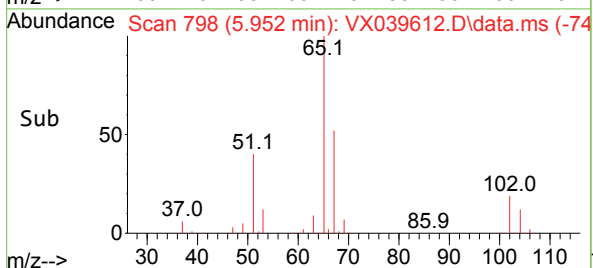
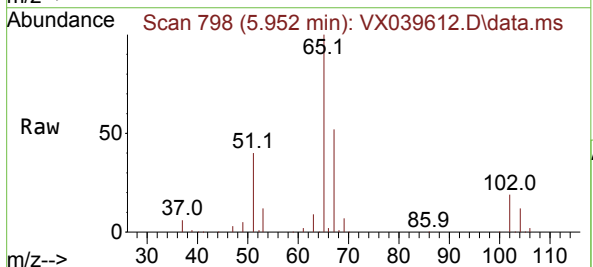


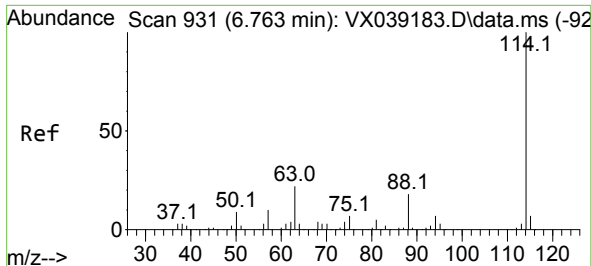
Tgt Ion: 56 Resp: 2866
Ion Ratio Lower Upper
56 100
69 134.3 23.4 35.2#
84 94.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.981 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Tgt Ion: 65 Resp: 83125
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

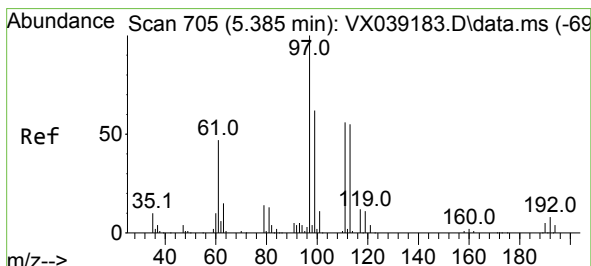
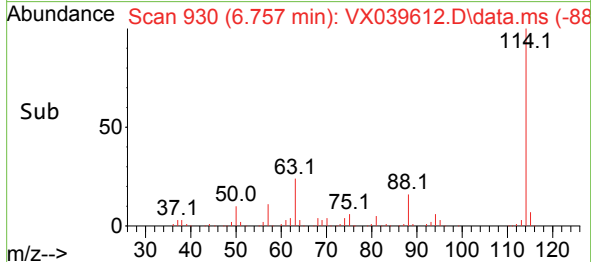
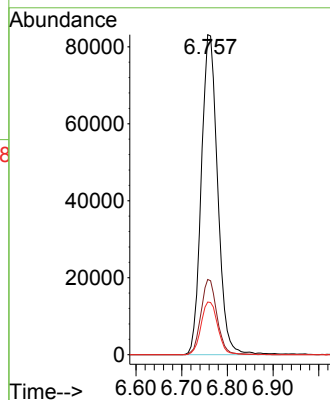
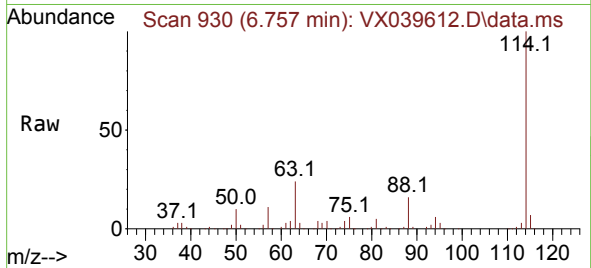




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

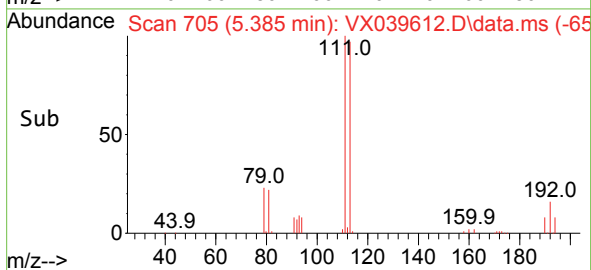
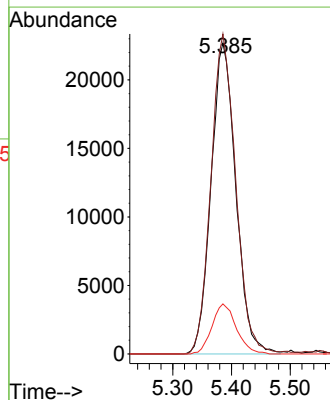
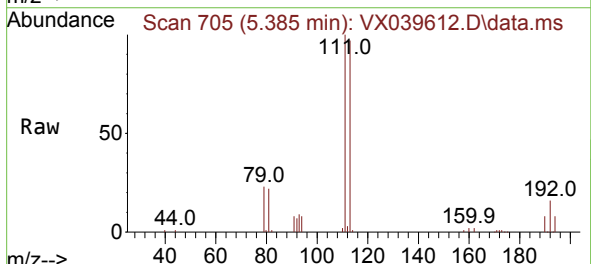
Instrument :
MSVOA_X
ClientSampleId :

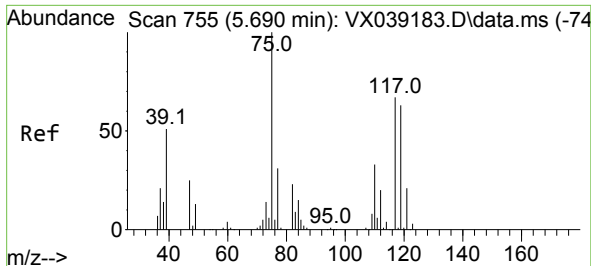
Tgt Ion:114 Resp: 206084
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.649 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

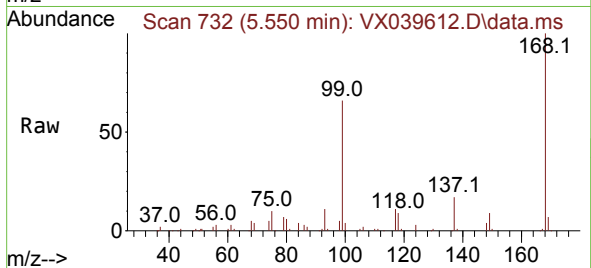
Tgt Ion:113 Resp: 66415
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 15.9 13.3 19.9



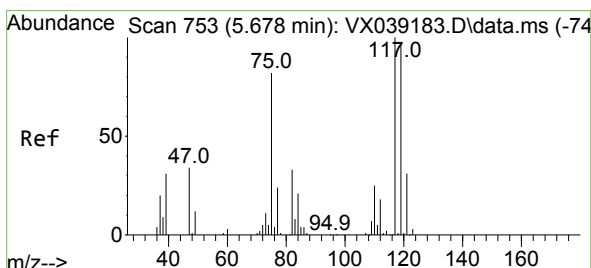
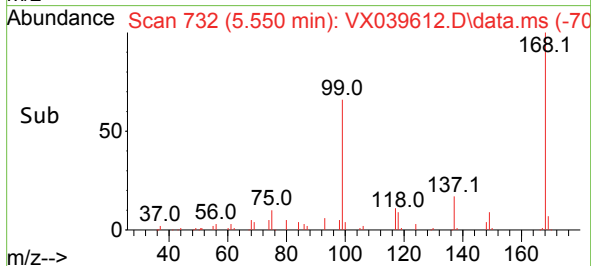
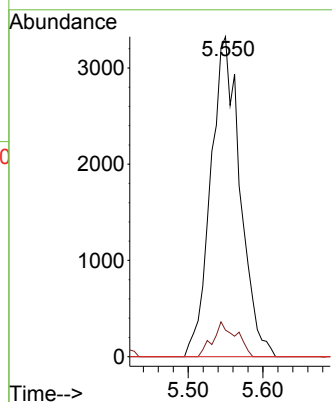


#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

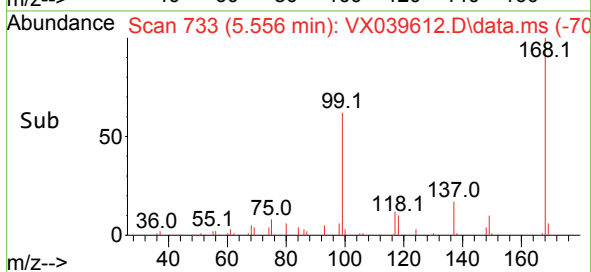
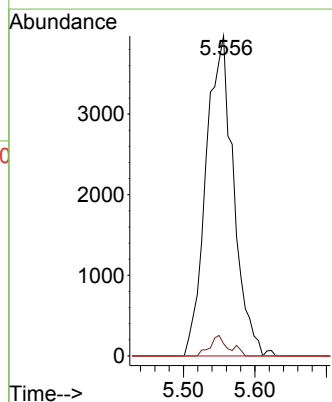
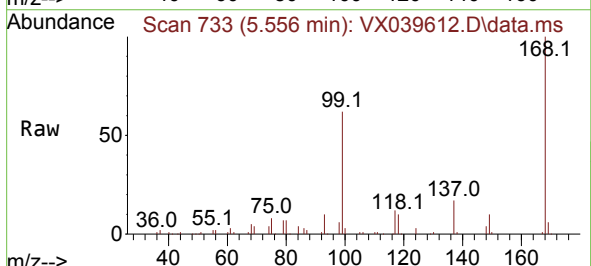


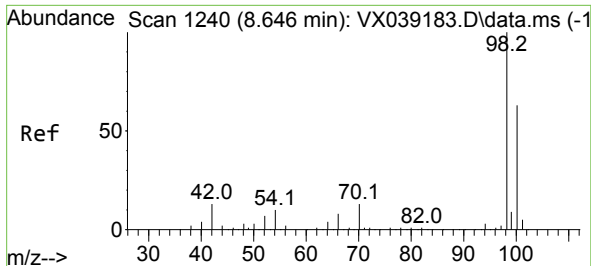
Tgt Ion: 75 Resp: 9089
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.949 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Tgt Ion: 117 Resp: 10610
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

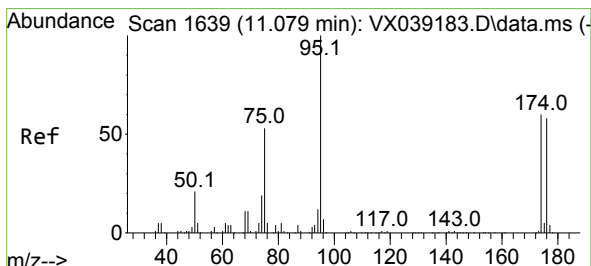
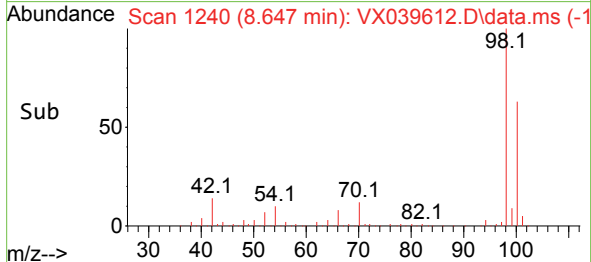
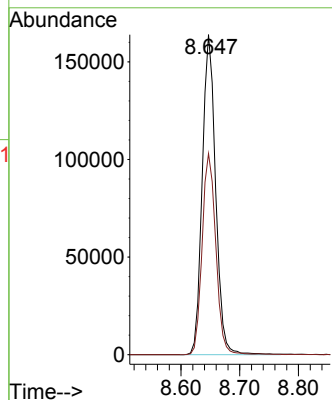
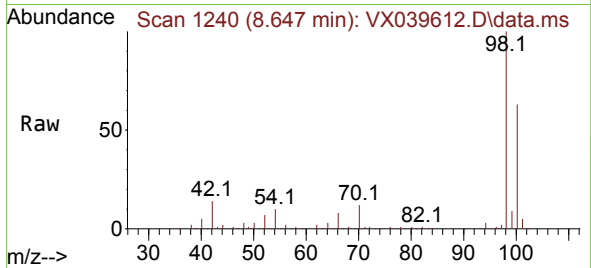




#50
Toluene-d8
Concen: 49.018 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

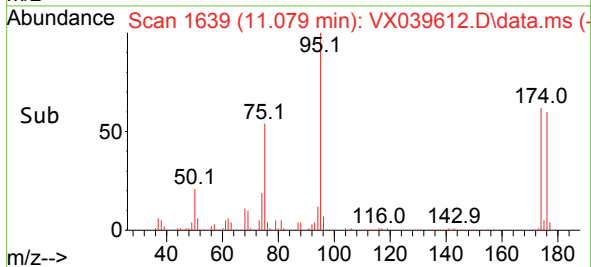
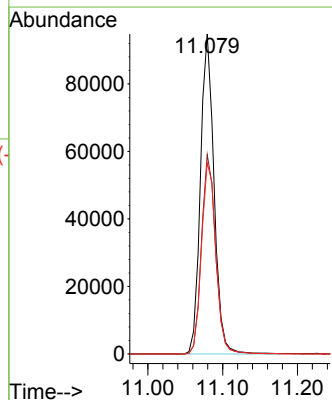
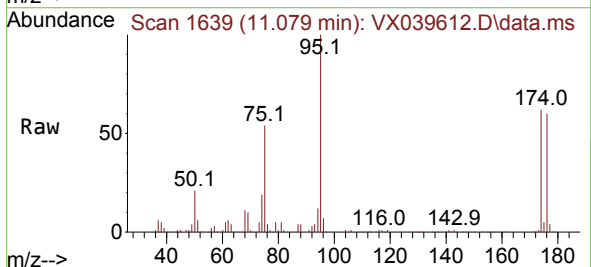
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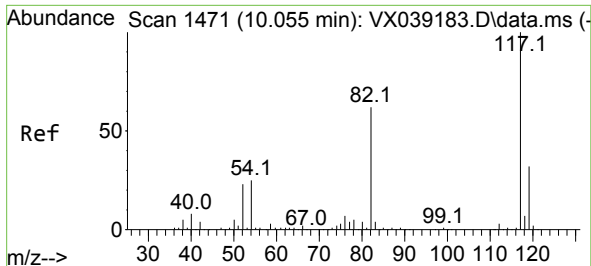
Tgt Ion: 98 Resp: 259093
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Tgt Ion: 95 Resp: 119773
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.6
176 63.0 0.0 131.0

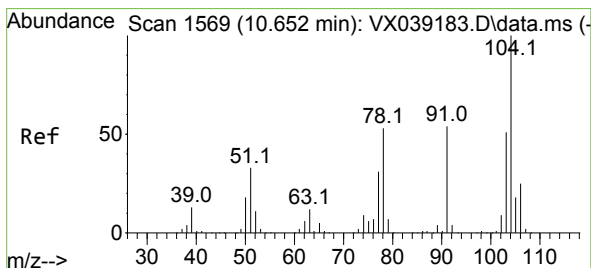
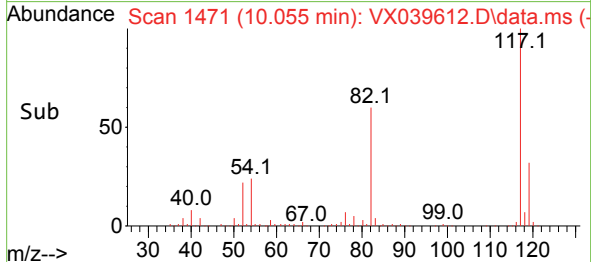
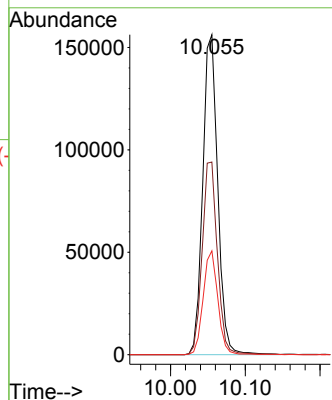
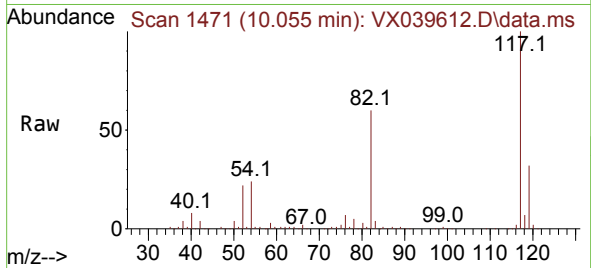




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

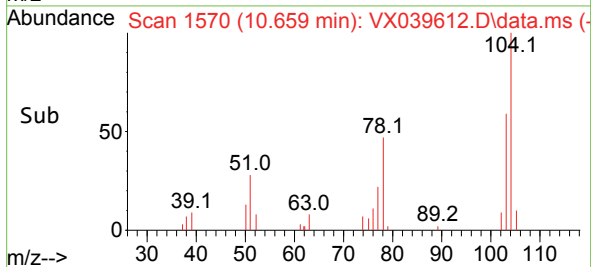
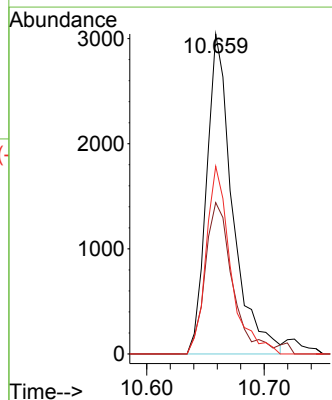
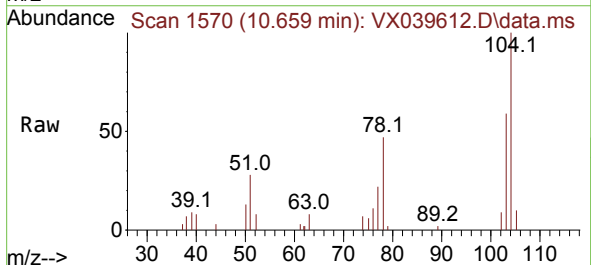
Instrument :
MSVOA_X
ClientSampleId :

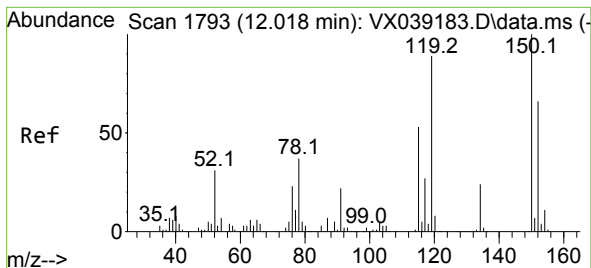
Tgt Ion:117 Resp: 217684
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.4 25.5 38.3



#70
Styrene
Concen: 1.040 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039612.D
Acq: 03 Jan 2024 19:00

Tgt Ion:104 Resp: 4663
Ion Ratio Lower Upper
104 100
78 51.4 43.6 65.4
103 55.7 43.6 65.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039612.D

Acq: 03 Jan 2024 19:00

Instrument :

MSVOA_X

ClientSampleId :

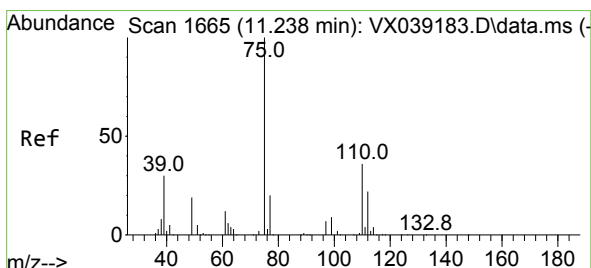
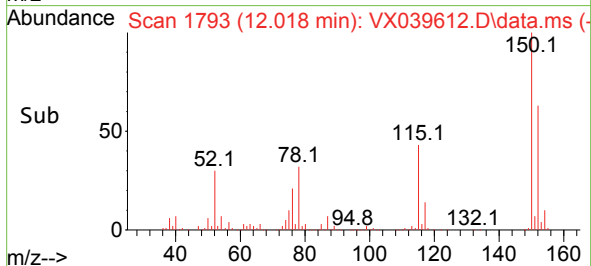
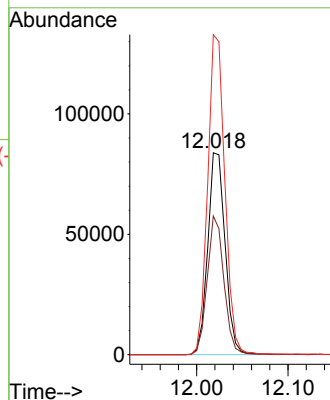
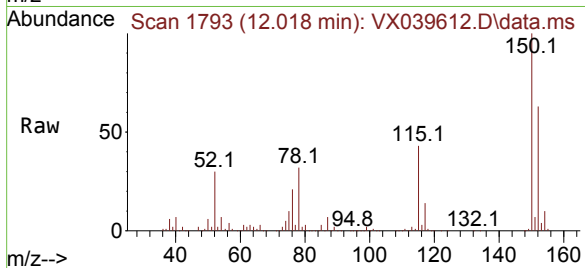
Tgt Ion:152 Resp: 110797

Ion Ratio Lower Upper

152 100

115 66.0 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.575 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039612.D

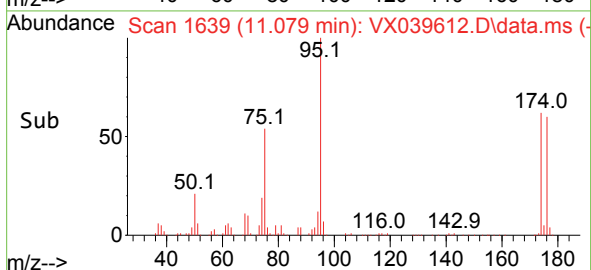
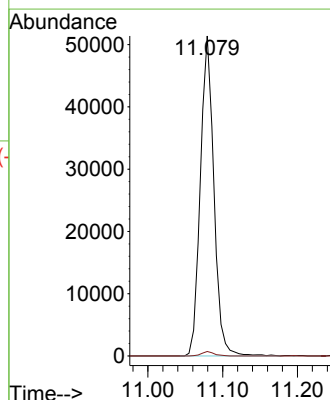
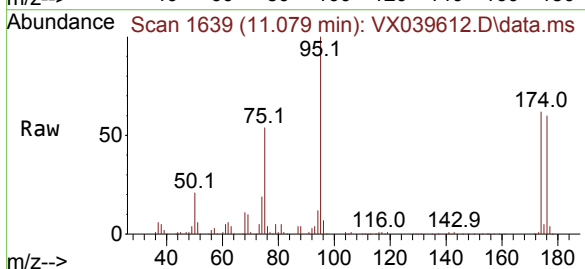
Acq: 03 Jan 2024 19:00

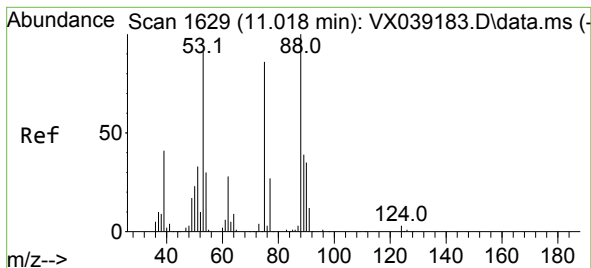
Tgt Ion: 75 Resp: 64711

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.683 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039612.D
 Acq: 03 Jan 2024 19:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 64711
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

