

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034732.D
 Acq On : 24 Mar 2023 19:34
 Operator : JC/MD
 Sample : 02080-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:35:40 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)

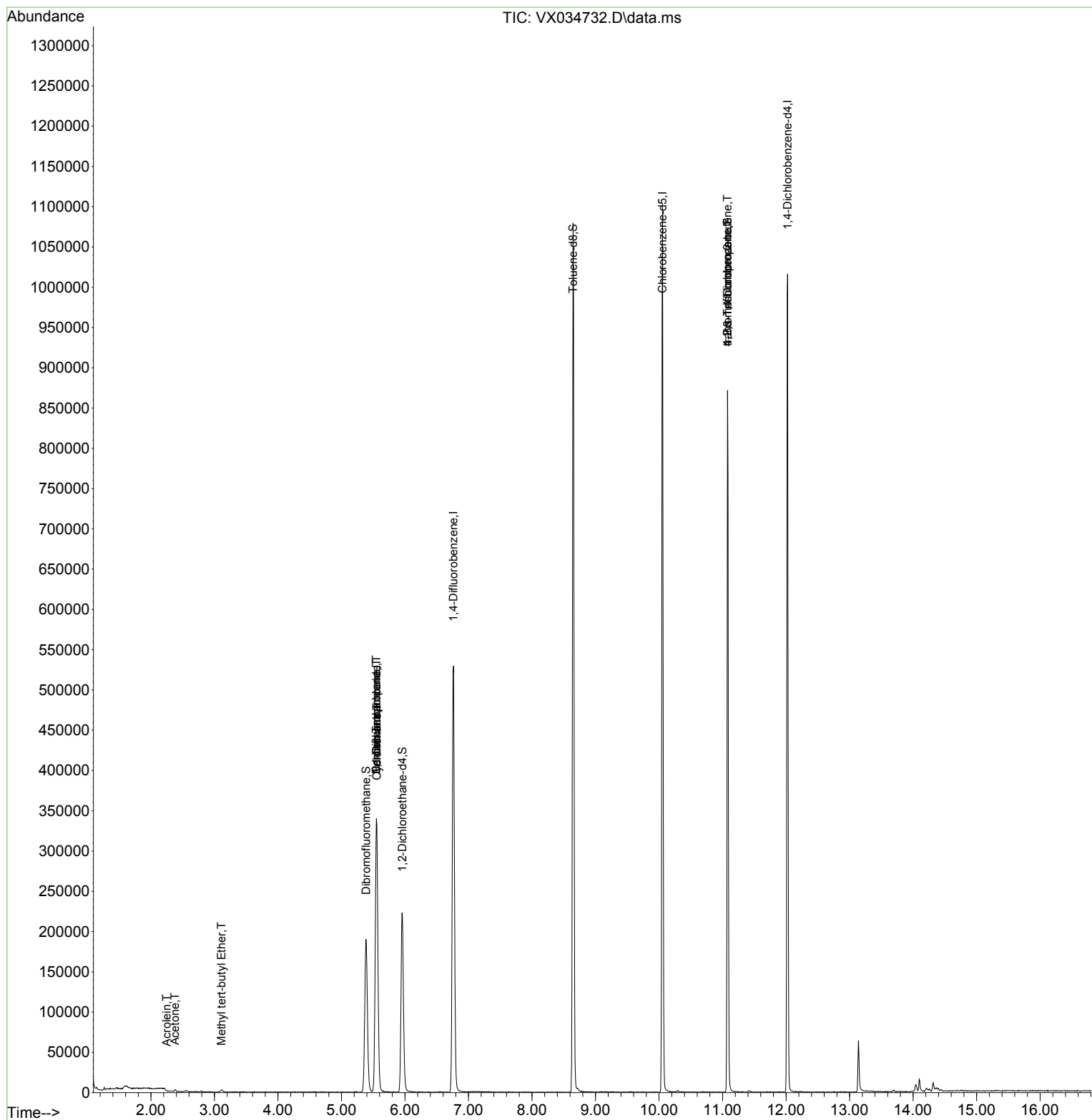
Internal Standards						
1) Pentafluorobenzene	5.549	168	312124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	527667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221639	48.811	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.620%
35) Dibromofluoromethane	5.385	113	166632	47.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.646	98	631532	48.558	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	241031	45.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	318	Below Cal	#	56
13) Acrolein	2.245	56	243	0.325	ug/l #	14
16) Acetone	2.379	43	2653	1.240	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	2661	0.218	ug/l #	72
31) Cyclohexane	5.556	56	7439	1.168	ug/l #	22
36) 1,1-Dichloropropene	5.549	75	26443	4.942	ug/l #	51
38) Carbon Tetrachloride	5.549	117	33532	6.299	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	126038	25.627	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	126038	69.328	ug/l #	8

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

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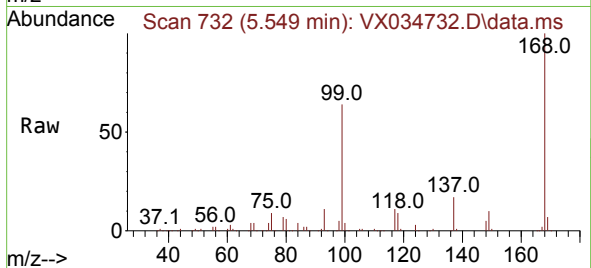
Quant Time: Mar 27 01:35:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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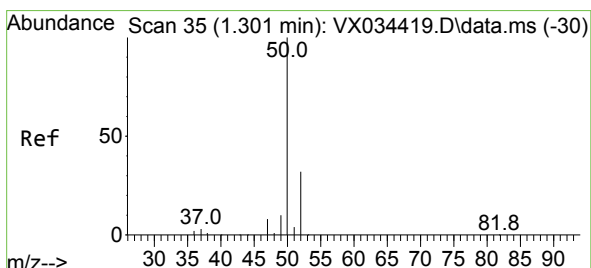
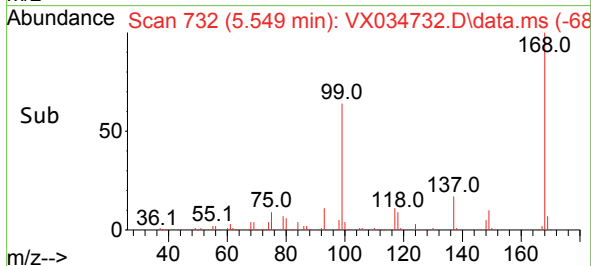
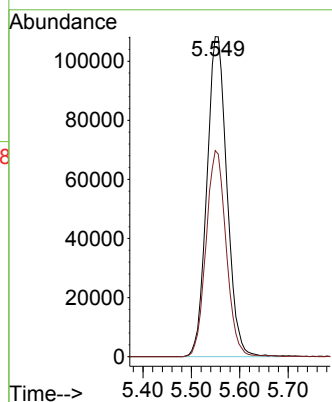


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Instrument :
MSVOA_X
ClientSampleId :

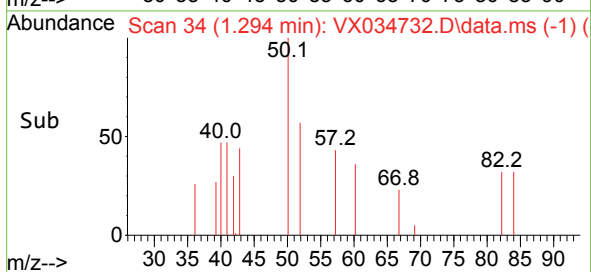
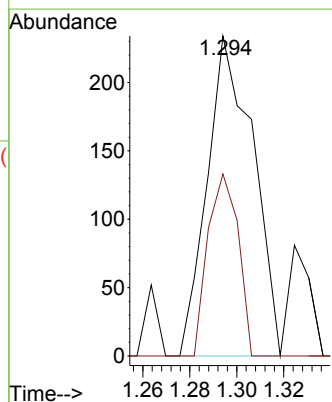
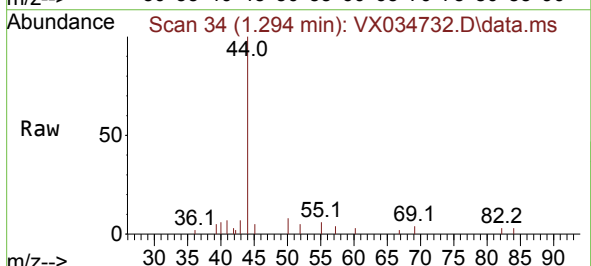


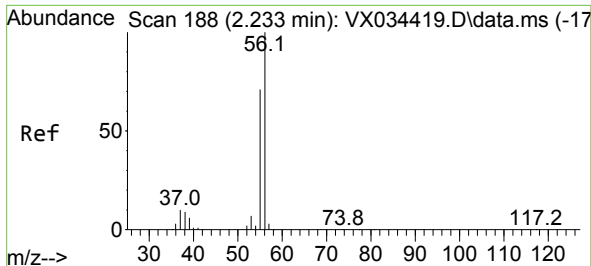
Tgt Ion:168 Resp: 312124
Ion Ratio Lower Upper
168 100
99 64.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 56.8 25.9 38.9#

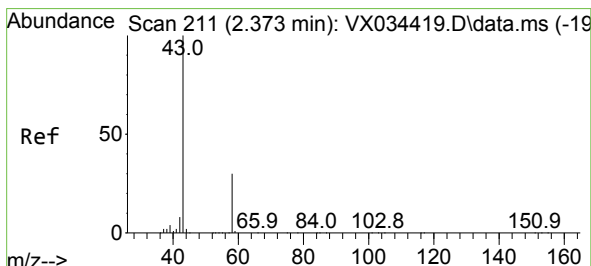
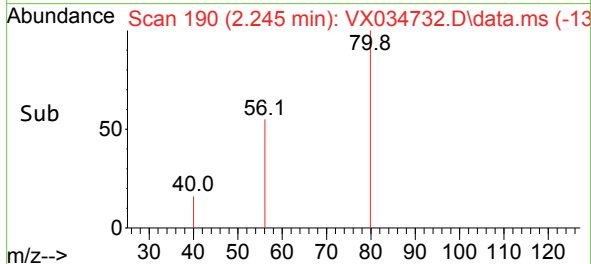
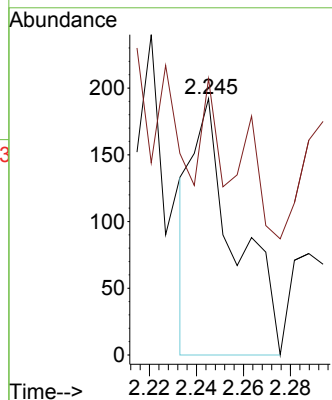
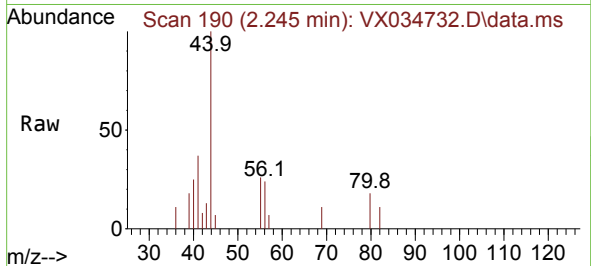




#13
Acrolein
Concen: 0.325 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.012 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

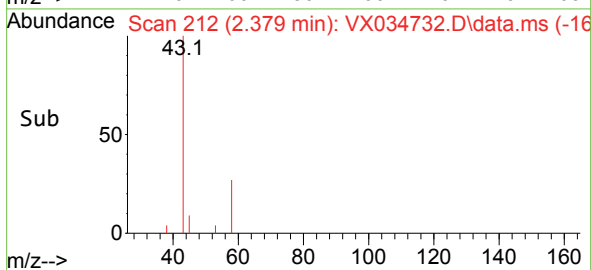
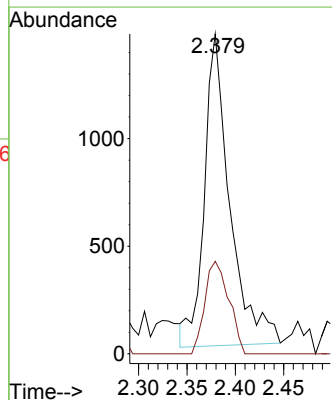
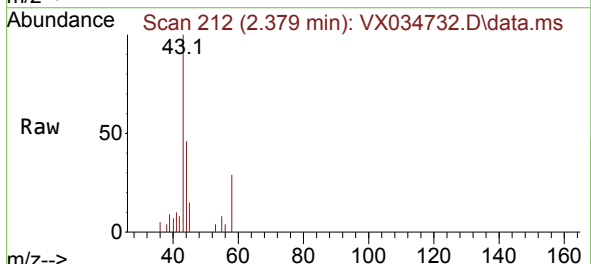
Instrument :
MSVOA_X
ClientSampleId :

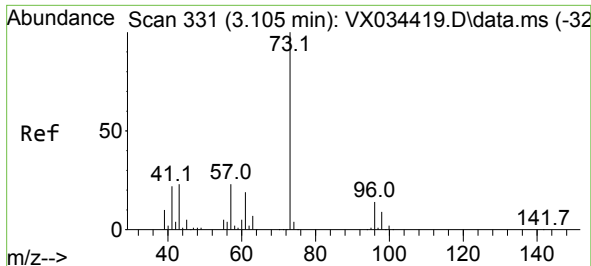
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 1.240 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
58 29.9 24.7 37.1

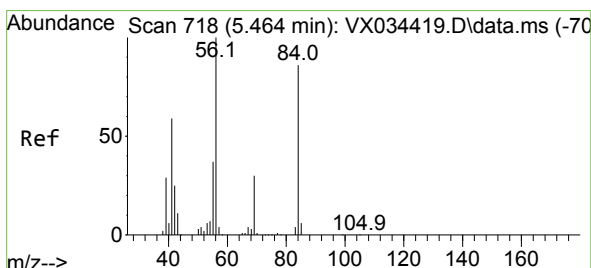
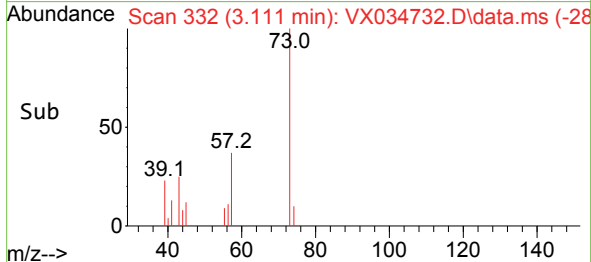
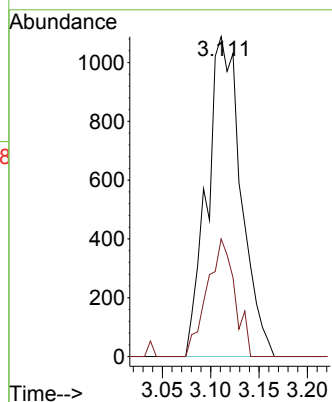
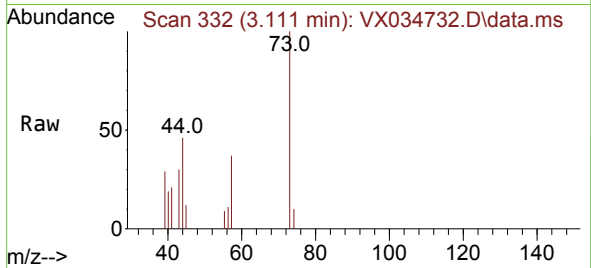




#19
Methyl tert-butyl Ether
Concen: 0.218 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

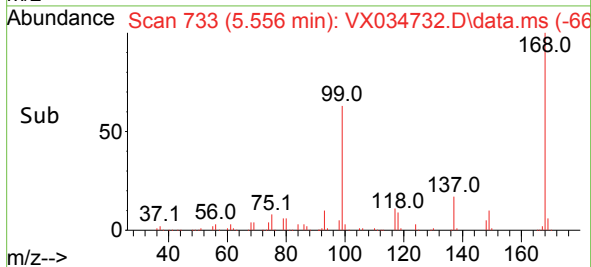
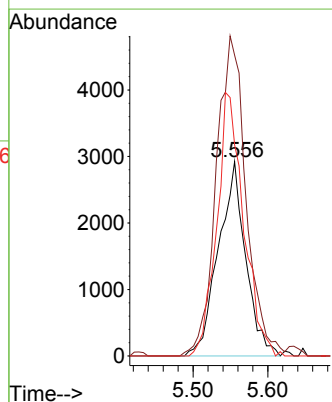
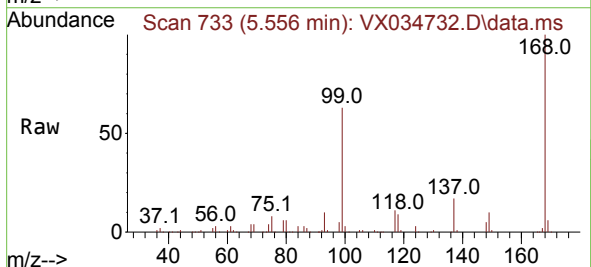
Instrument :
MSVOA_X
ClientSampleId :

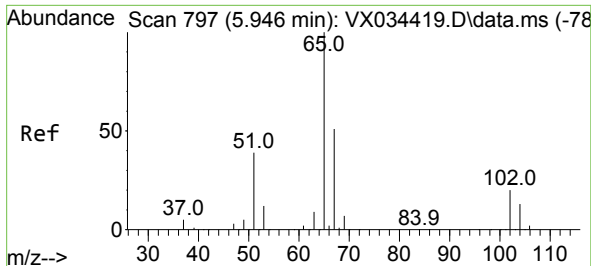
Tgt Ion: 73 Resp: 2661
Ion Ratio Lower Upper
73 100
57 36.8 18.5 27.7#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 56 Resp: 7439
Ion Ratio Lower Upper
56 100
69 154.7 23.7 35.5#
84 108.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.811 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034732.D

Acq: 24 Mar 2023 19:34

Instrument :

MSVOA_X

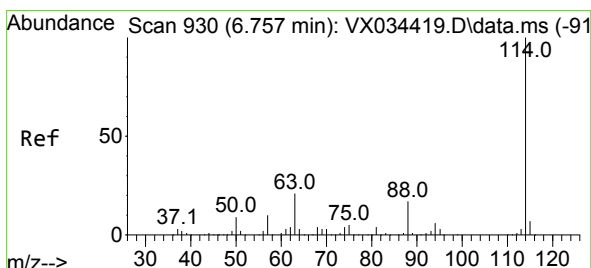
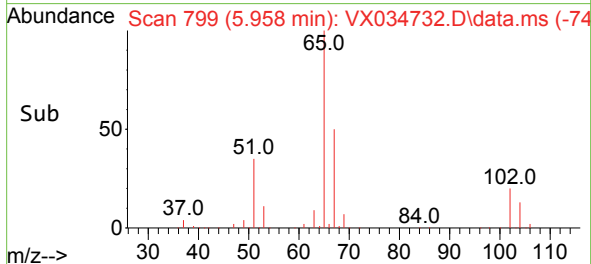
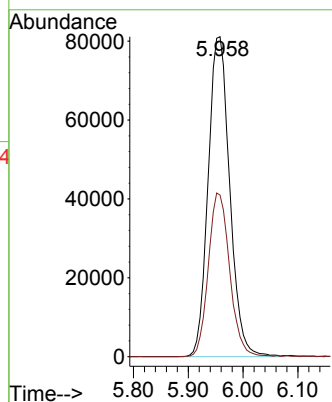
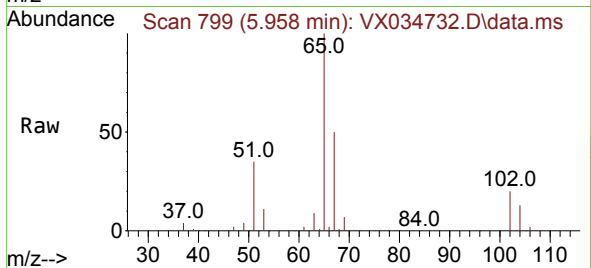
ClientSampleId :

Tgt Ion: 65 Resp: 221639

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# 931

Delta R.T. 0.006 min

Lab File: VX034732.D

Acq: 24 Mar 2023 19:34

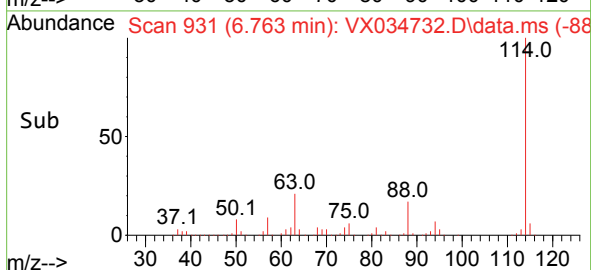
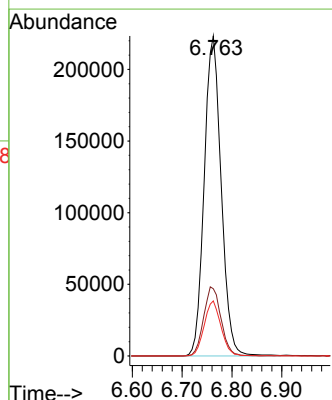
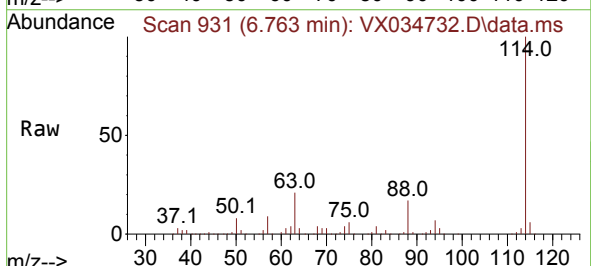
Tgt Ion: 114 Resp: 527667

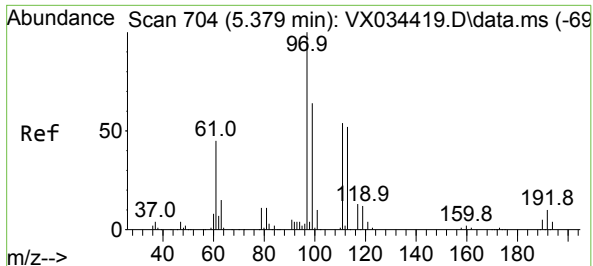
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

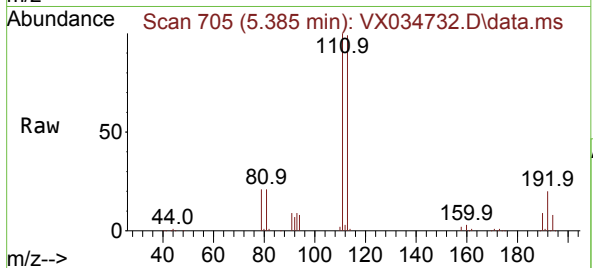
88 17.2 0.0 33.2



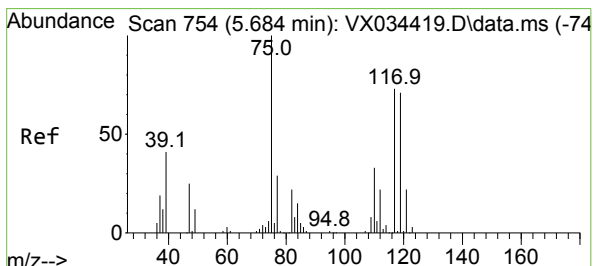
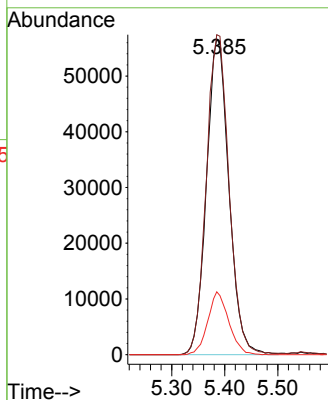
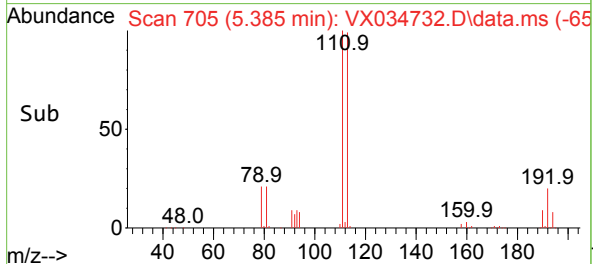


#35
Dibromofluoromethane
Concen: 47.829 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

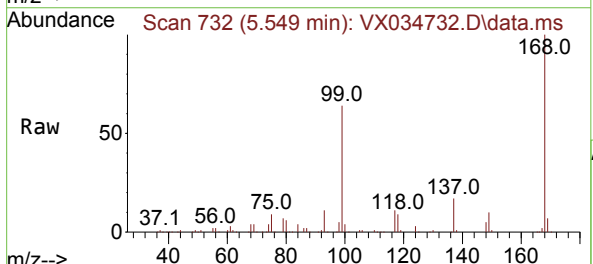
Instrument :
MSVOA_X
ClientSampleId :



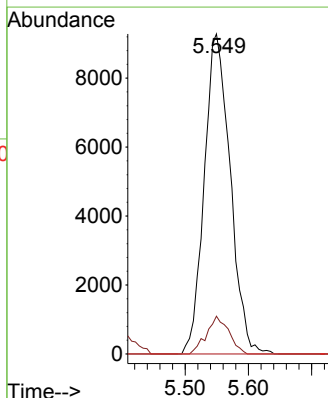
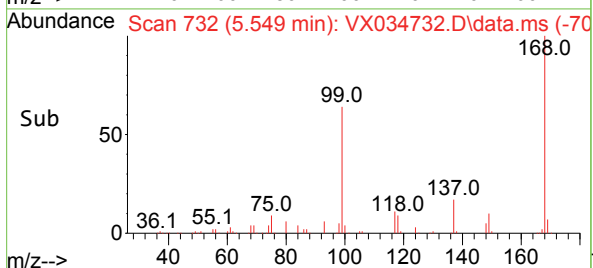
Tgt Ion:113 Resp: 166632
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.6 15.4 23.2

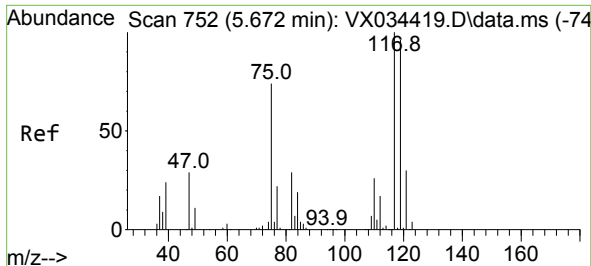


#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34



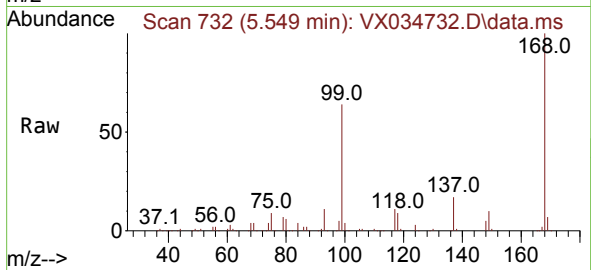
Tgt Ion: 75 Resp: 26443
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



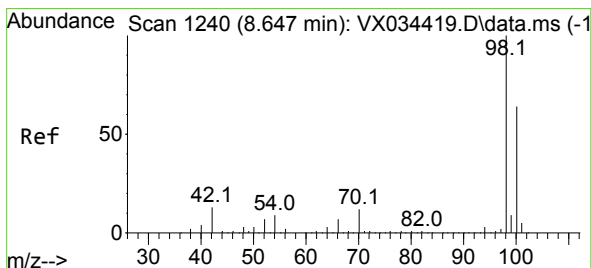
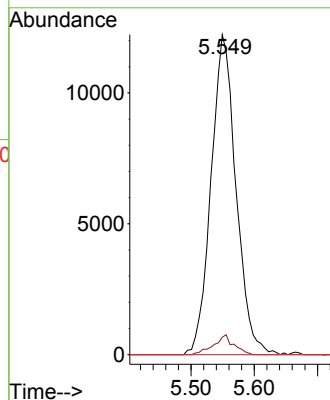
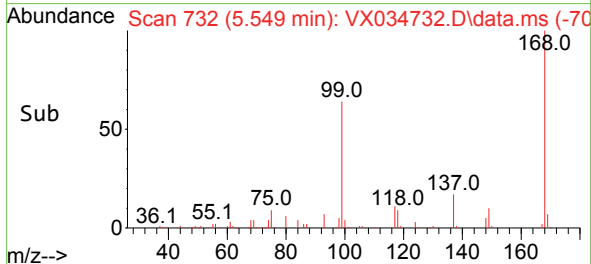


#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Instrument :
MSVOA_X
ClientSampleId :

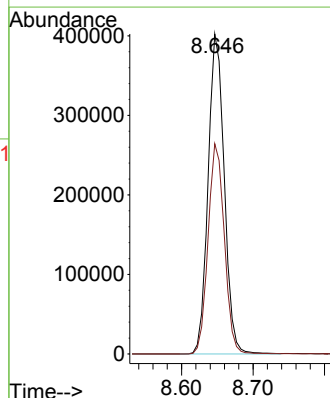
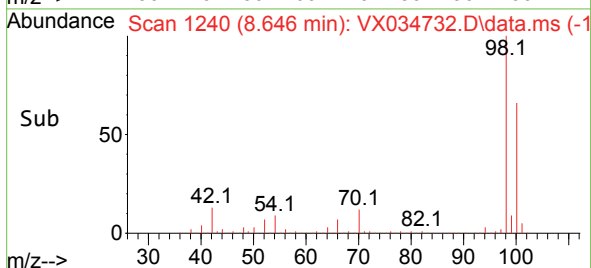
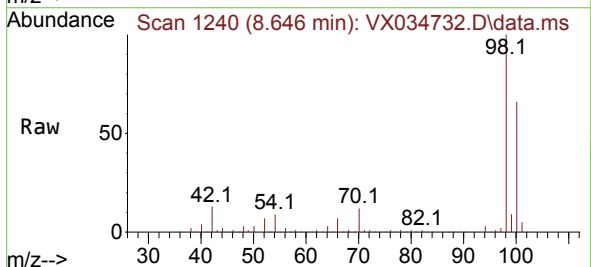


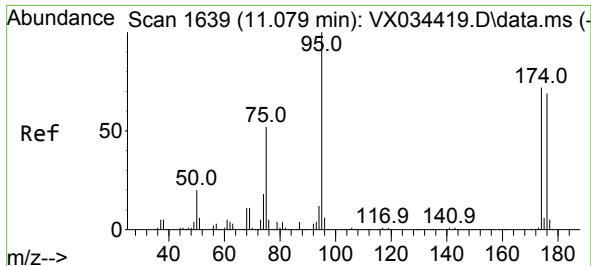
Tgt Ion:117 Resp: 33532
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.558 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 98 Resp: 631532
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

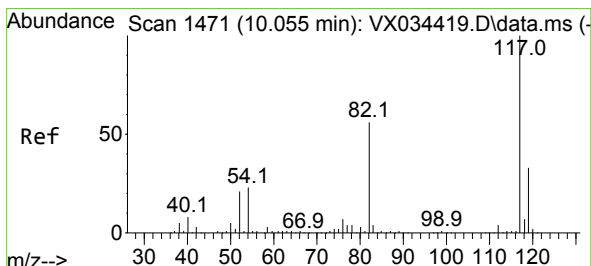
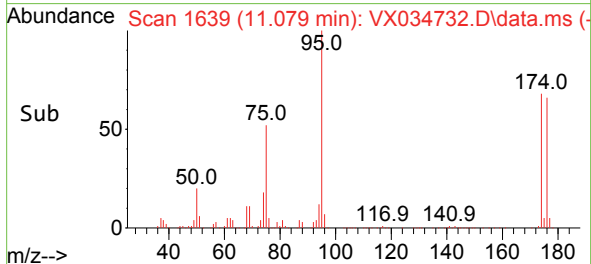
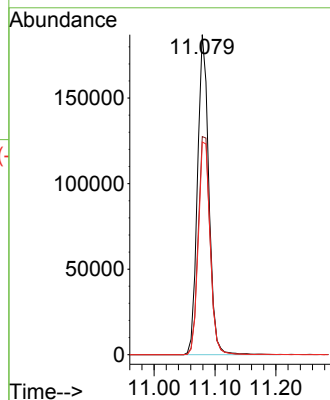
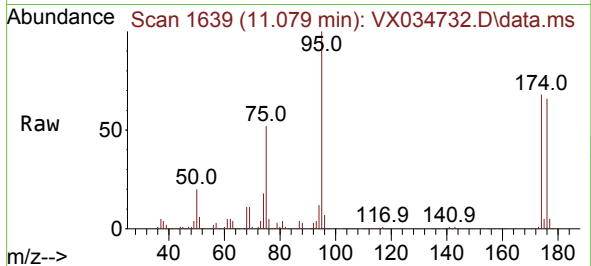




#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

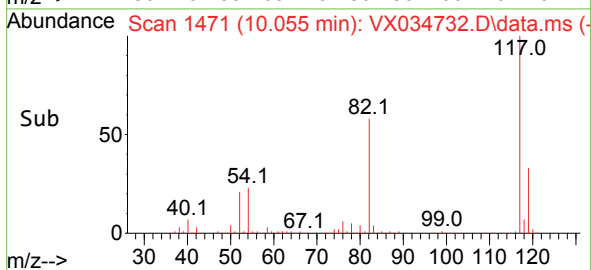
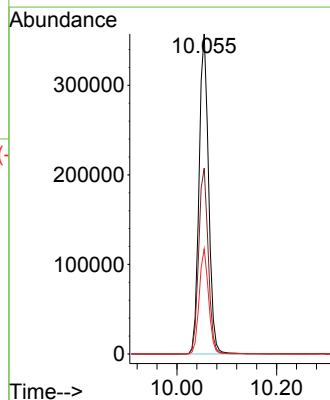
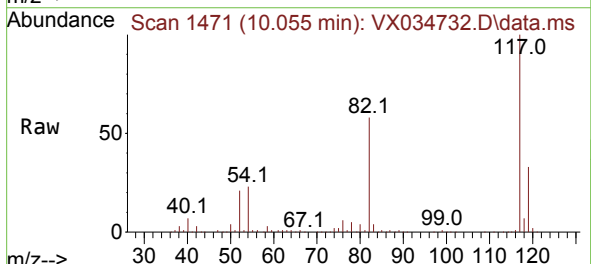
Instrument :
MSVOA_X
ClientSampleId :

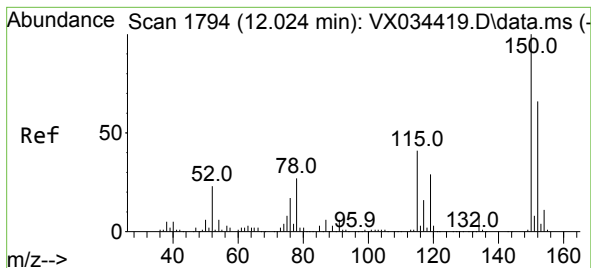
Tgt Ion: 95 Resp: 241031
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Tgt Ion: 117 Resp: 473232
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.8 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: VX034732.D

Acq: 24 Mar 2023 19:34

Instrument :

MSVOA_X

ClientSampleId :

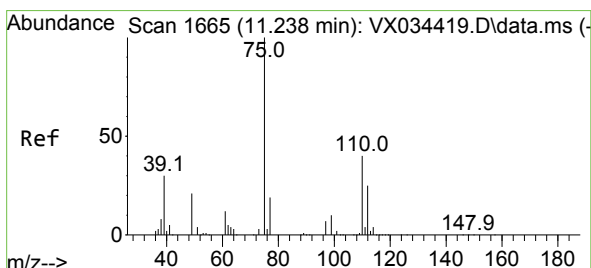
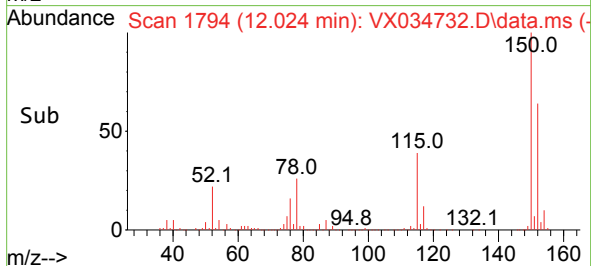
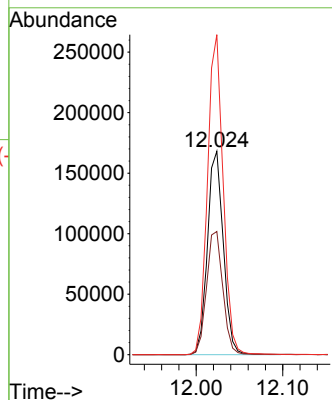
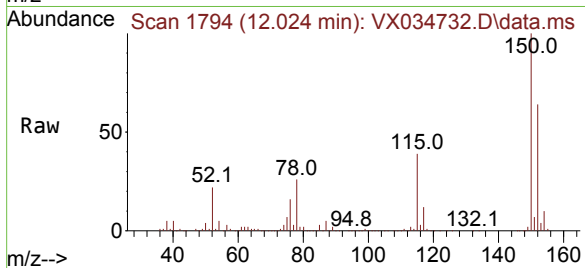
Tgt Ion:152 Resp: 214199

Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

150 154.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.627 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034732.D

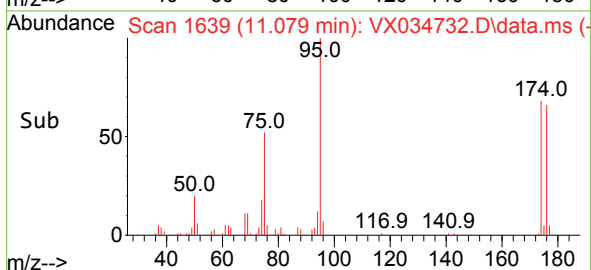
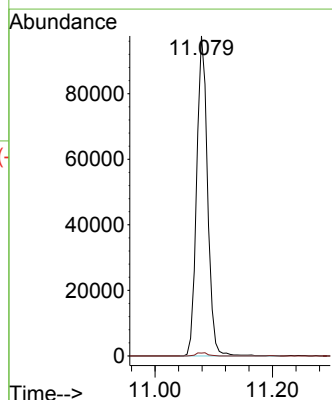
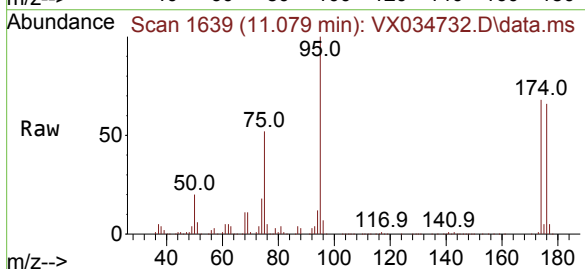
Acq: 24 Mar 2023 19:34

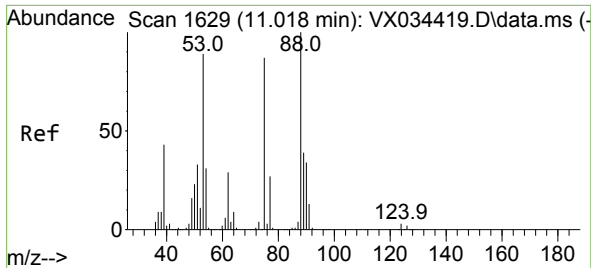
Tgt Ion: 75 Resp: 126038

Ion Ratio Lower Upper

75 100

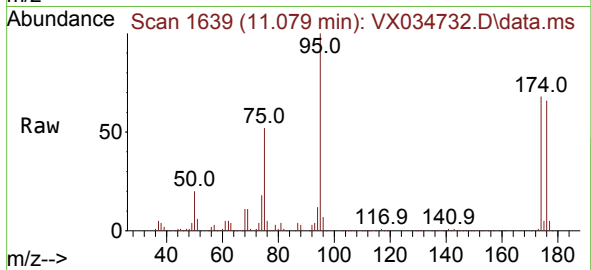
77 1.1 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.328 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX034732.D
Acq: 24 Mar 2023 19:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 126038
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

