

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034707.D
 Acq On : 23 Mar 2023 18:35
 Operator : JC/MD
 Sample : 02055-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 24 05:48:22 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	5.556	168	299863	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	507798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220292	50.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.000%
35) Dibromofluoromethane	5.385	113	160196	47.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.647	98	603043	48.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.079	95	226876	44.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%

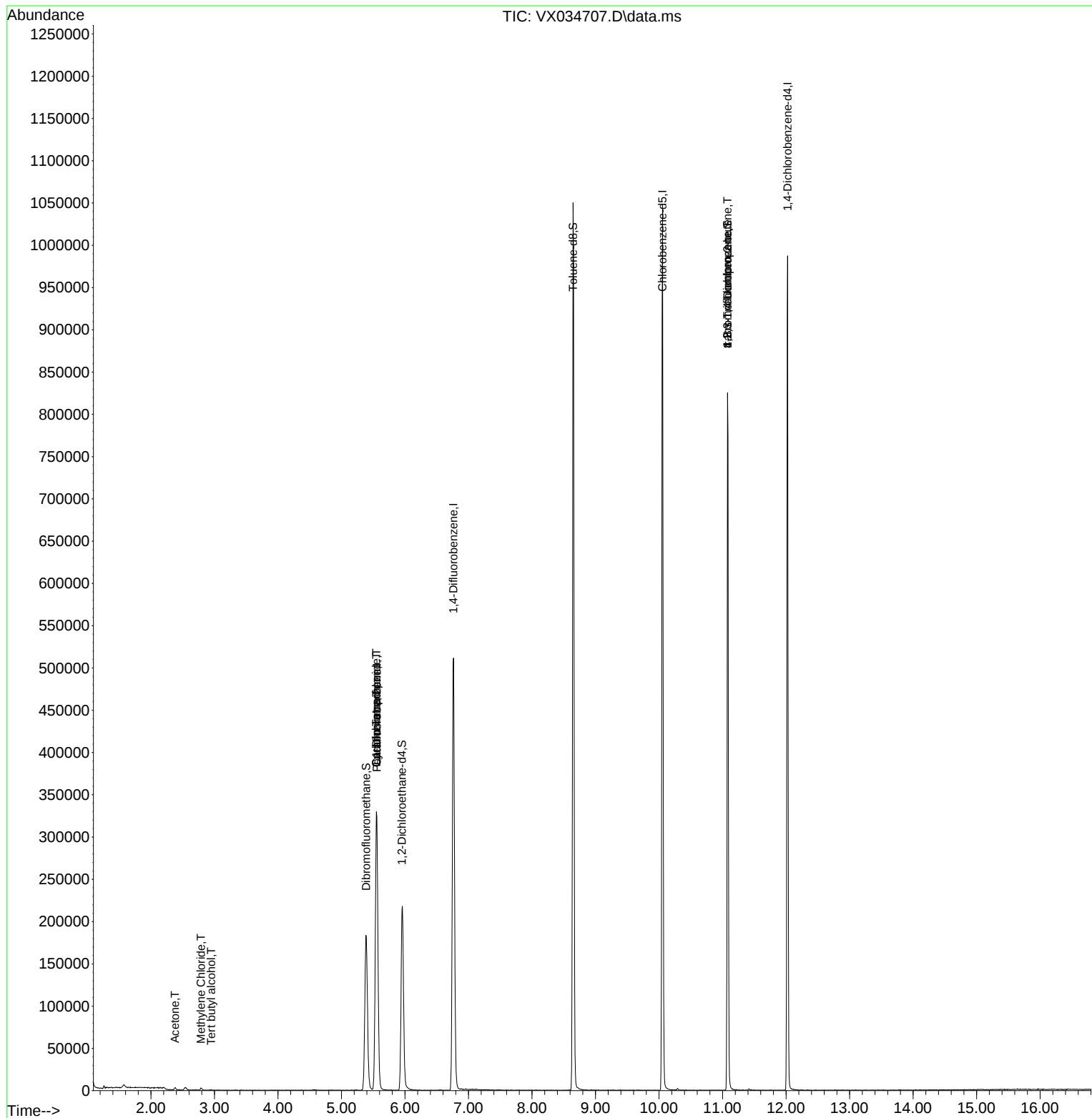
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	503	Below Cal		98
11) Tert butyl alcohol	2.946	59	271	0.298	ug/l #	73
16) Acetone	2.380	43	3431	1.670	ug/l	94
20) Methylene Chloride	2.788	84	1335	0.335	ug/l	86
31) Cyclohexane	5.550	56	6904	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25237	4.901	ug/l #	51
38) Carbon Tetrachloride	5.550	117	33102	6.462	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	119482	26.872	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	119482	72.696	ug/l #	8

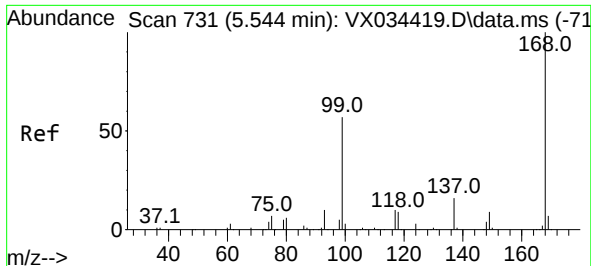
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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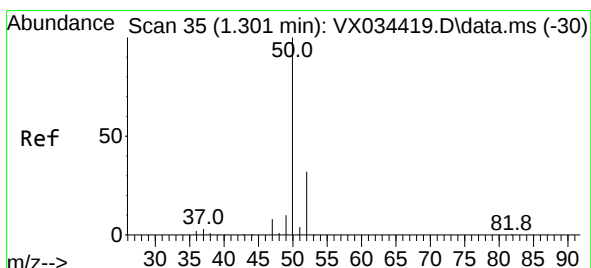
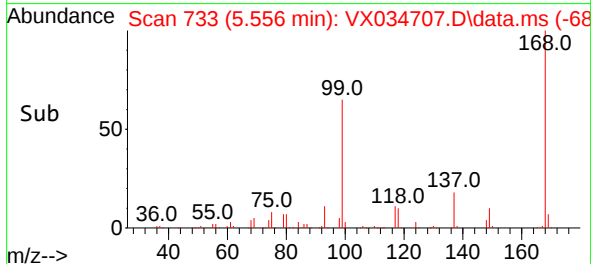
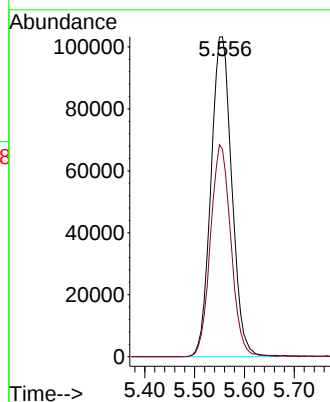
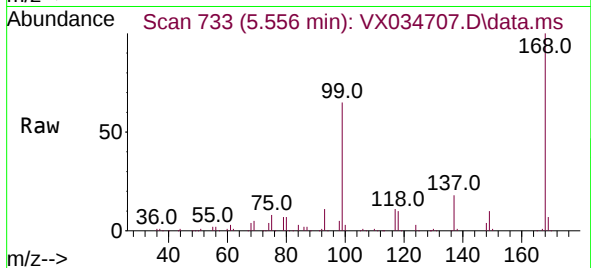




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

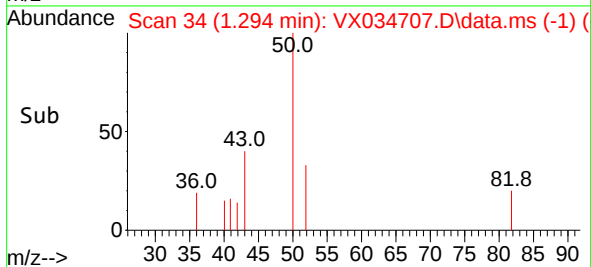
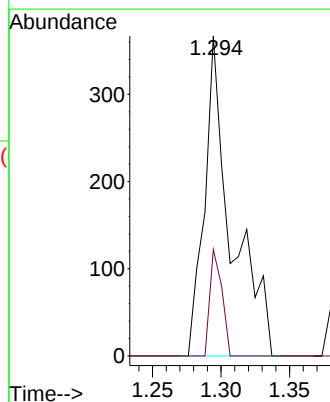
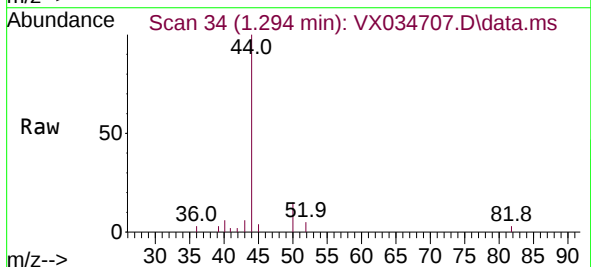
Instrument :
MSVOA_X
ClientSampleId :
MW-4

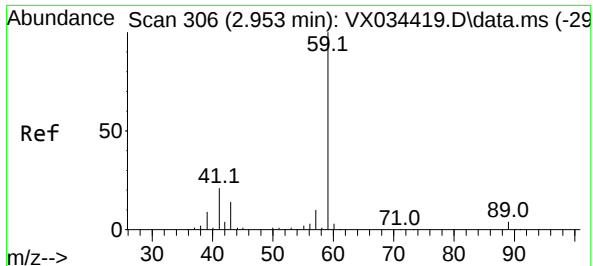
Tgt Ion:168 Resp: 299863
Ion Ratio Lower Upper
168 100
99 64.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

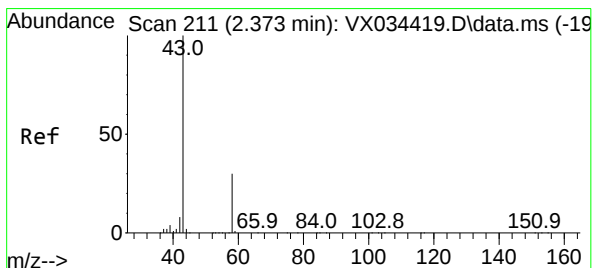
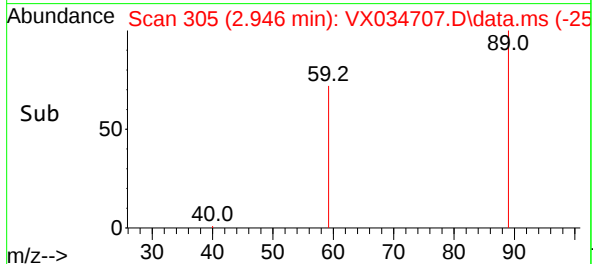
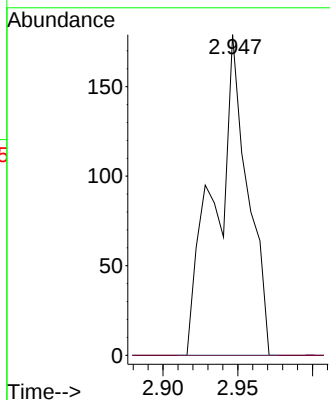
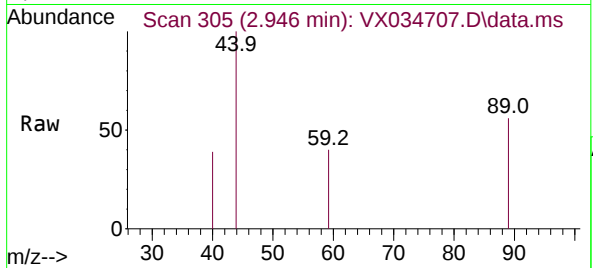




#11
Tert butyl alcohol
Concen: 0.298 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

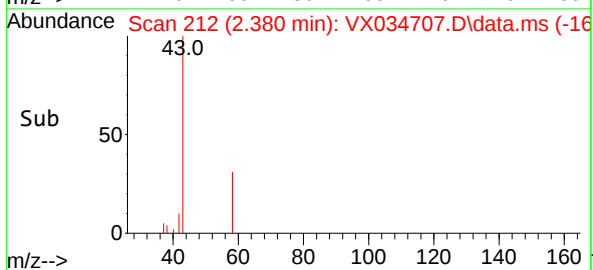
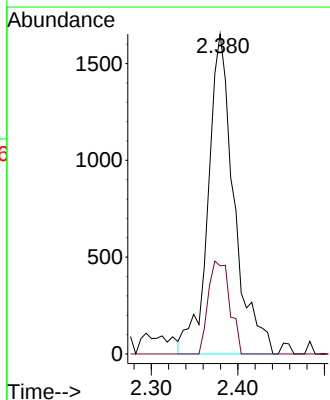
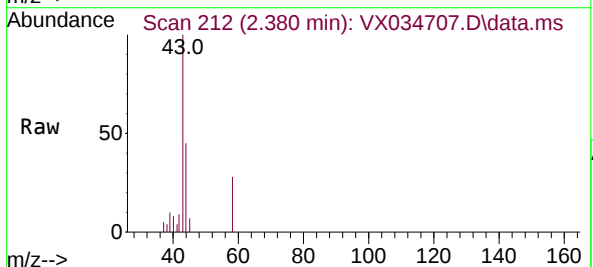
Instrument :
MSVOA_X
ClientSampleId :
MW-4

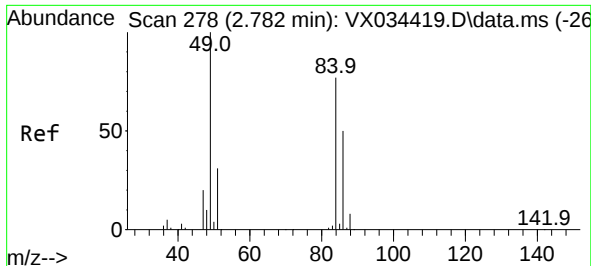
Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.670 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

Tgt Ion: 43 Resp: 3431
Ion Ratio Lower Upper
43 100
58 27.5 24.7 37.1

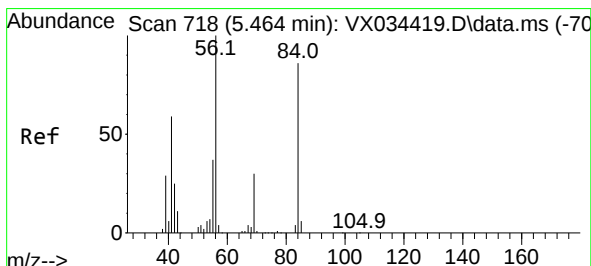
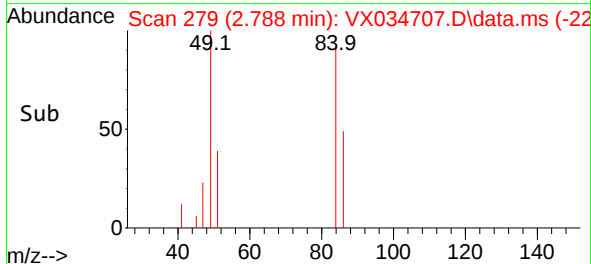
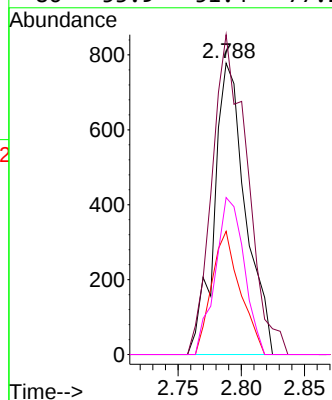
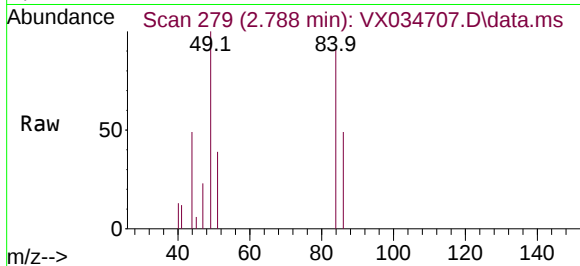




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

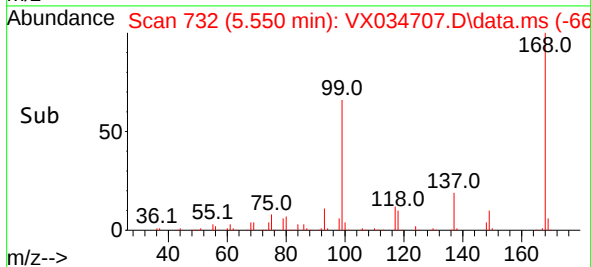
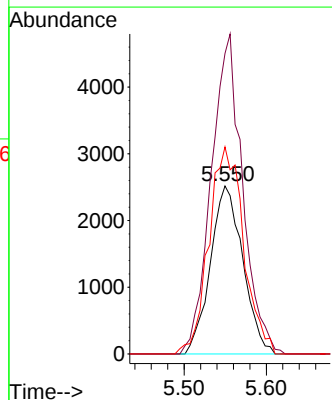
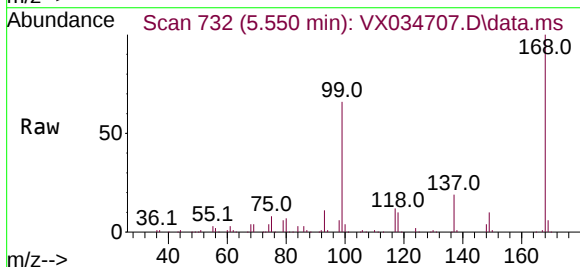
Instrument :
MSVOA_X
ClientSampleId :
MW-4

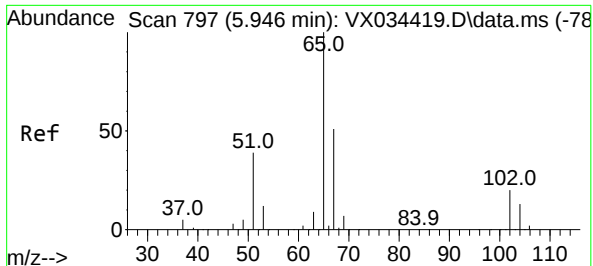
Tgt Ion:	84	Resp:	1335
Ion	Ratio	Lower	Upper
84	100		
49	109.8	103.8	155.8
51	42.3	31.8	47.8
86	53.9	51.4	77.2



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

Tgt Ion:	56	Resp:	6904
Ion	Ratio	Lower	Upper
56	100		
69	178.9	23.7	35.5#
84	123.2	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.498 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034707.D

Acq: 23 Mar 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

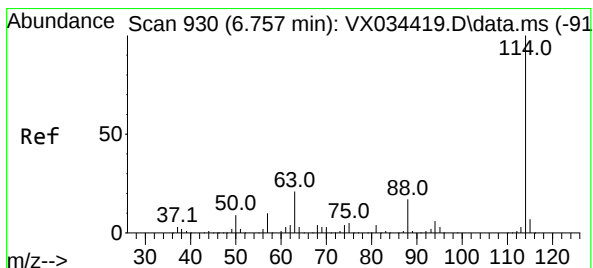
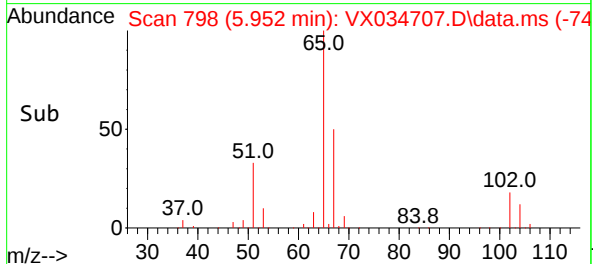
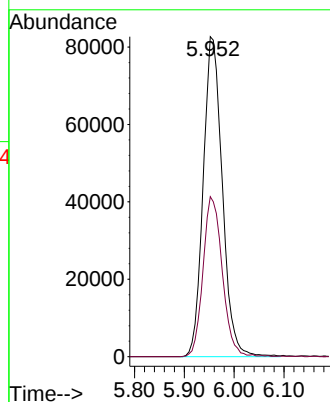
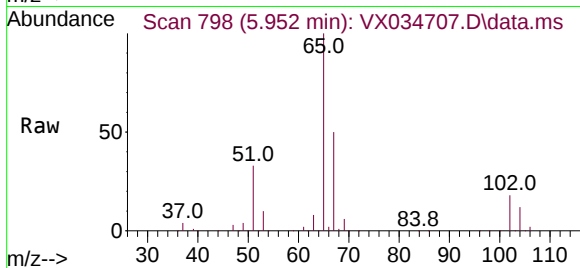
MW-4

Tgt Ion: 65 Resp: 220292

Ion Ratio Lower Upper

65 100

67 50.4 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: VX034707.D

Acq: 23 Mar 2023 18:35

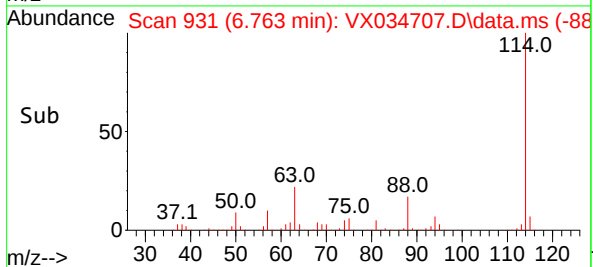
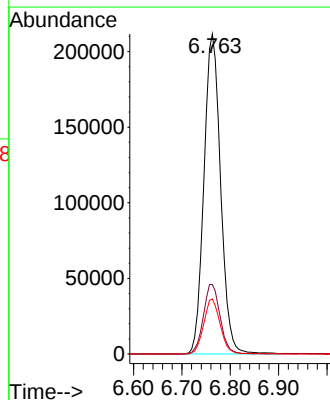
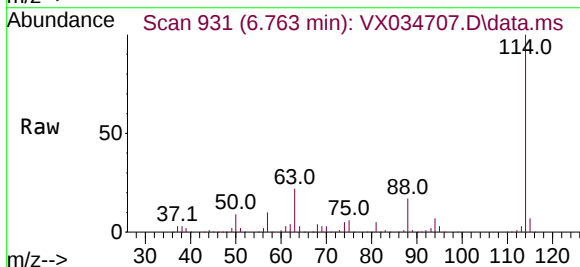
Tgt Ion: 114 Resp: 507798

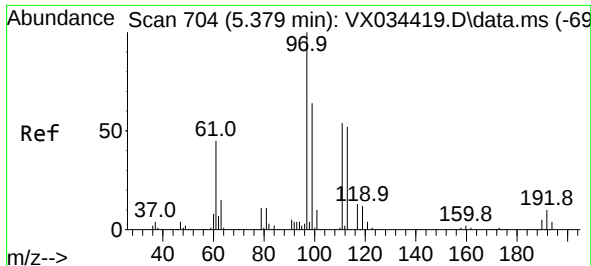
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.781 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034707.D

Acq: 23 Mar 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

MW-4

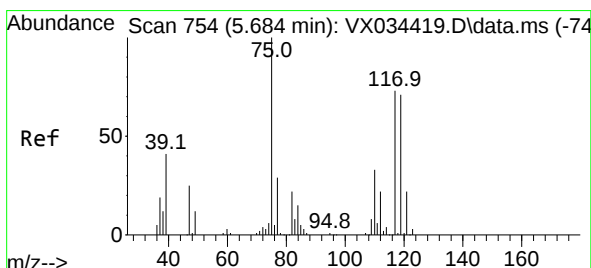
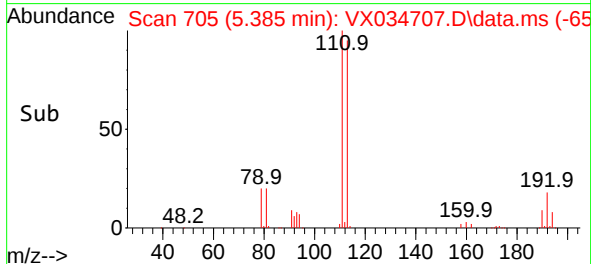
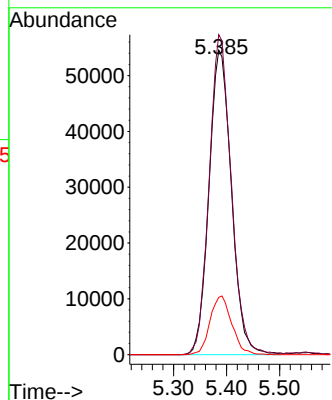
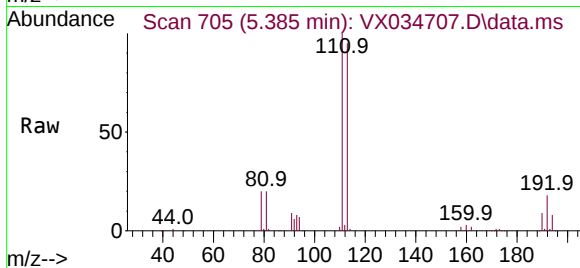
Tgt Ion:113 Resp: 160196

Ion Ratio Lower Upper

113 100

111 103.6 83.7 125.5

192 18.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034707.D

Acq: 23 Mar 2023 18:35

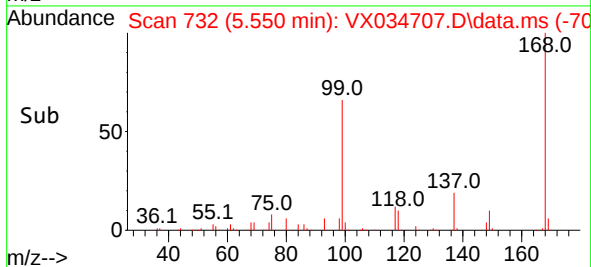
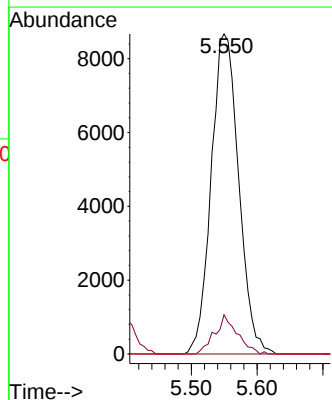
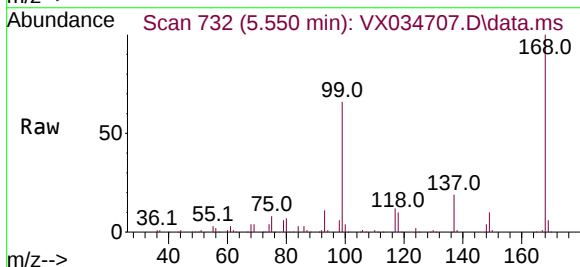
Tgt Ion: 75 Resp: 25237

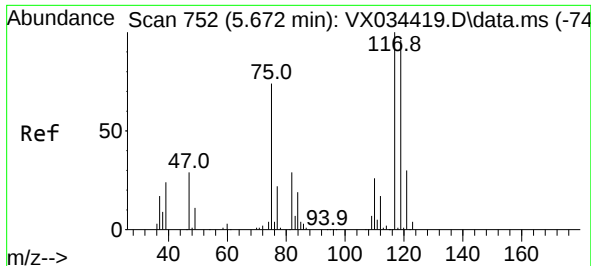
Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.5#

77 0.0 24.3 36.5#

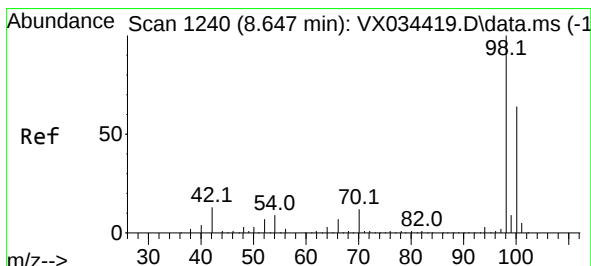
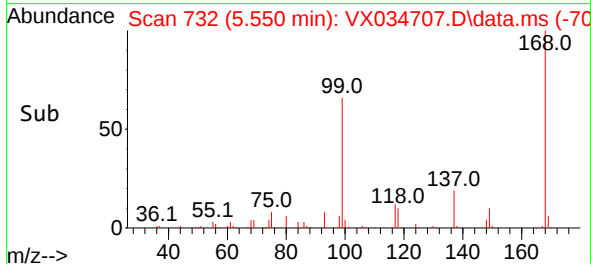
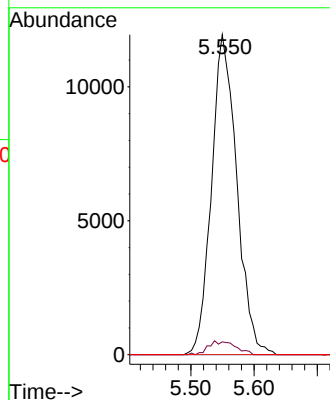
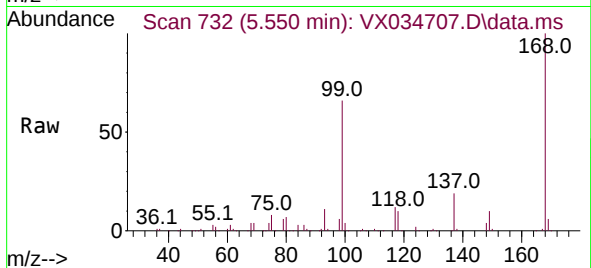




#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

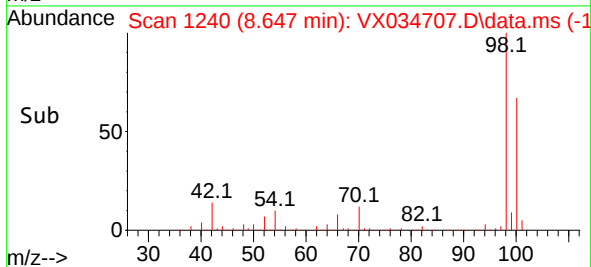
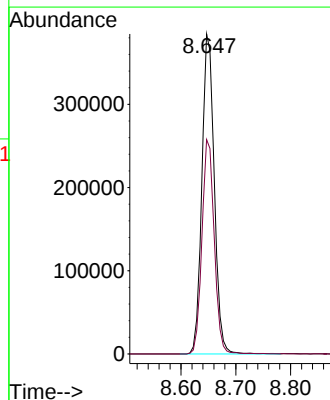
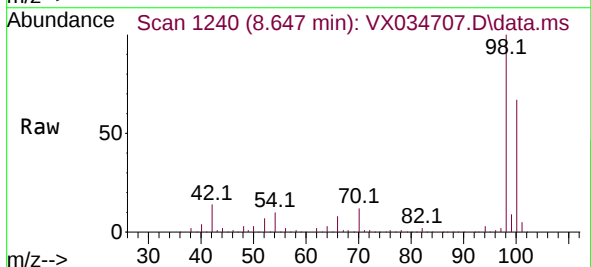
Instrument :
MSVOA_X
ClientSampleId :
MW-4

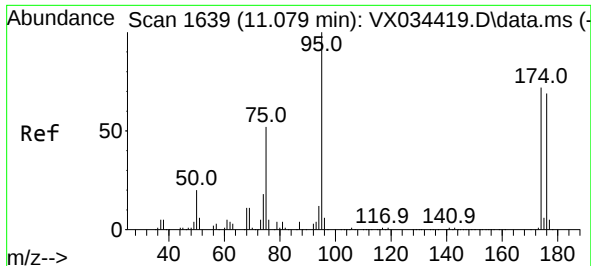
Tgt Ion:117 Resp: 33102
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034707.D
Acq: 23 Mar 2023 18:35

Tgt Ion: 98 Resp: 603043
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.877 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034707.D

Acq: 23 Mar 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

MW-4

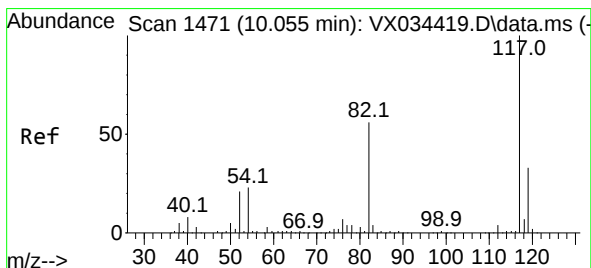
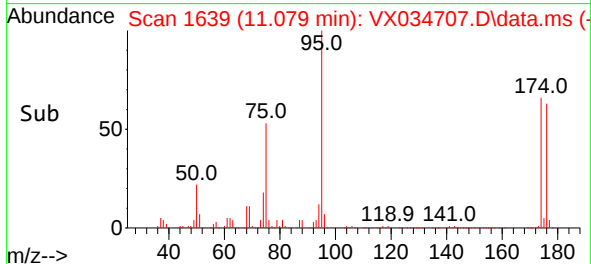
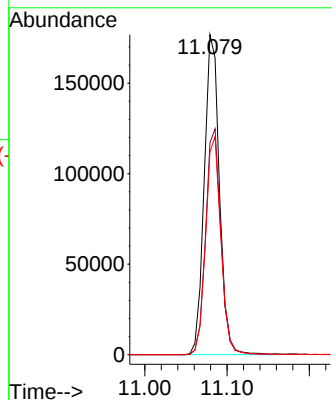
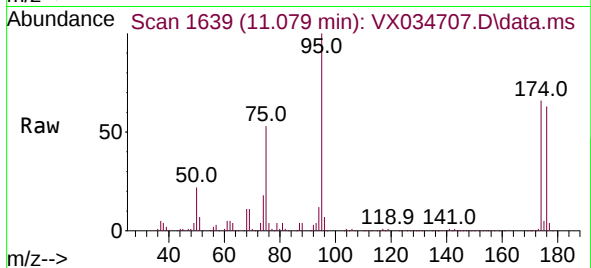
Tgt Ion: 95 Resp: 226876

Ion Ratio Lower Upper

95 100

174 70.9 0.0 147.4

176 68.4 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: VX034707.D

Acq: 23 Mar 2023 18:35

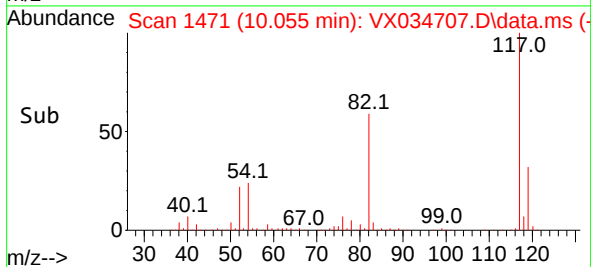
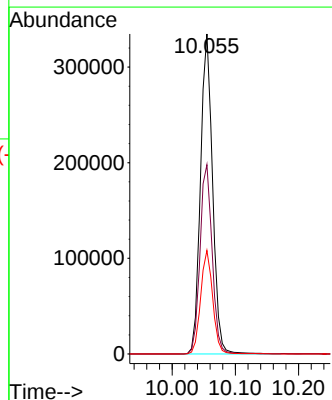
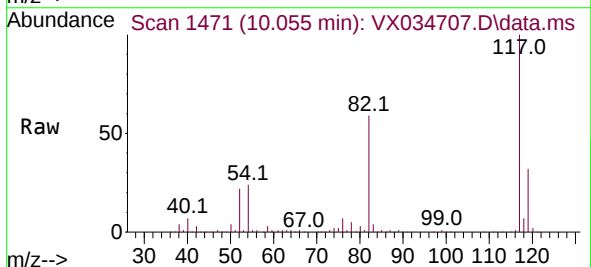
Tgt Ion: 117 Resp: 445285

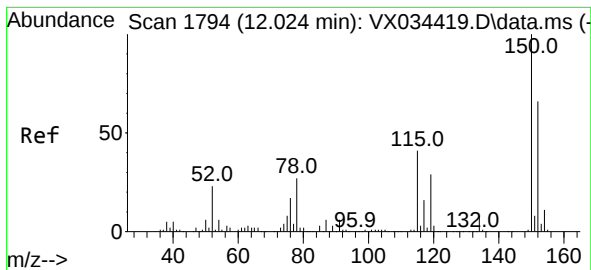
Ion Ratio Lower Upper

117 100

82 59.1 45.0 67.4

119 32.4 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: VX034707.D

Acq: 23 Mar 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

MW-4

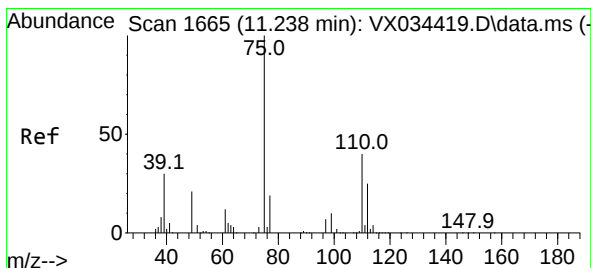
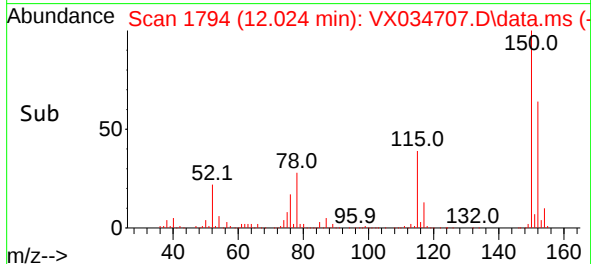
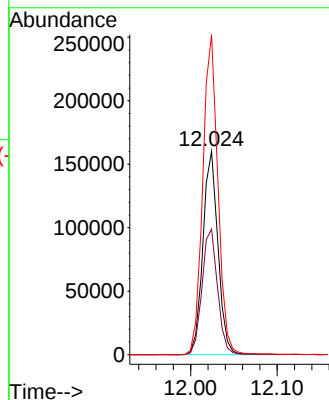
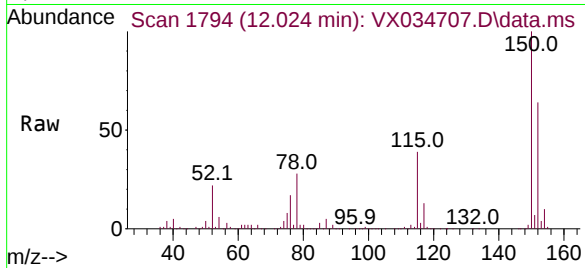
Tgt Ion:152 Resp: 193648

Ion Ratio Lower Upper

152 100

115 63.6 45.0 135.0

150 158.2 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 26.872 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034707.D

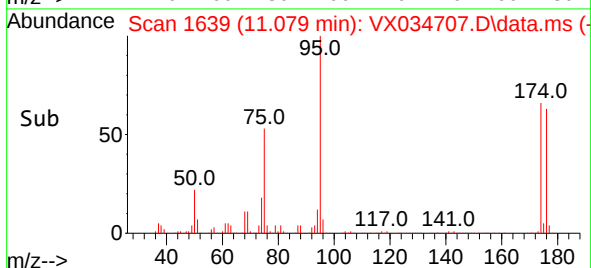
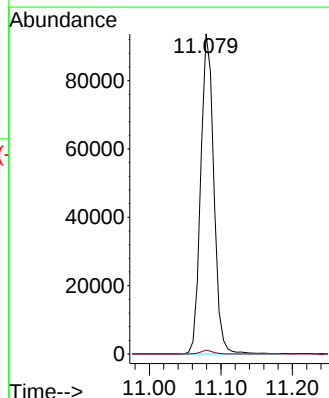
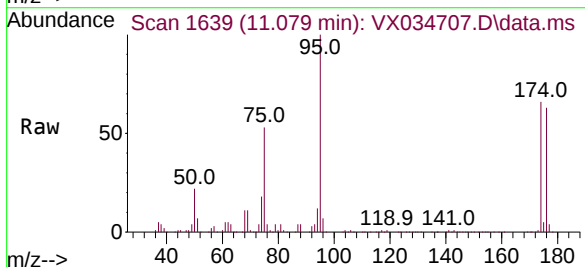
Acq: 23 Mar 2023 18:35

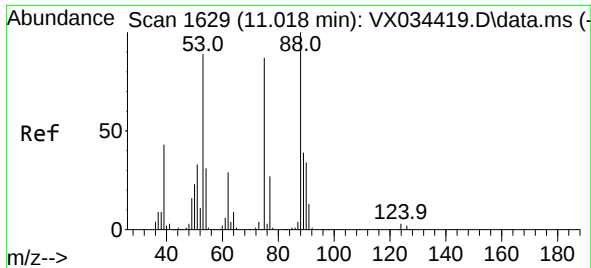
Tgt Ion: 75 Resp: 119482

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.696 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034707.D
 Acq: 23 Mar 2023 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion: 75 Resp: 119482
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

