

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037434.D
 Acq On : 31 Aug 2023 16:42
 Operator : JC/MD
 Sample : 04150-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20230822

Quant Time: Sep 01 03:14:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

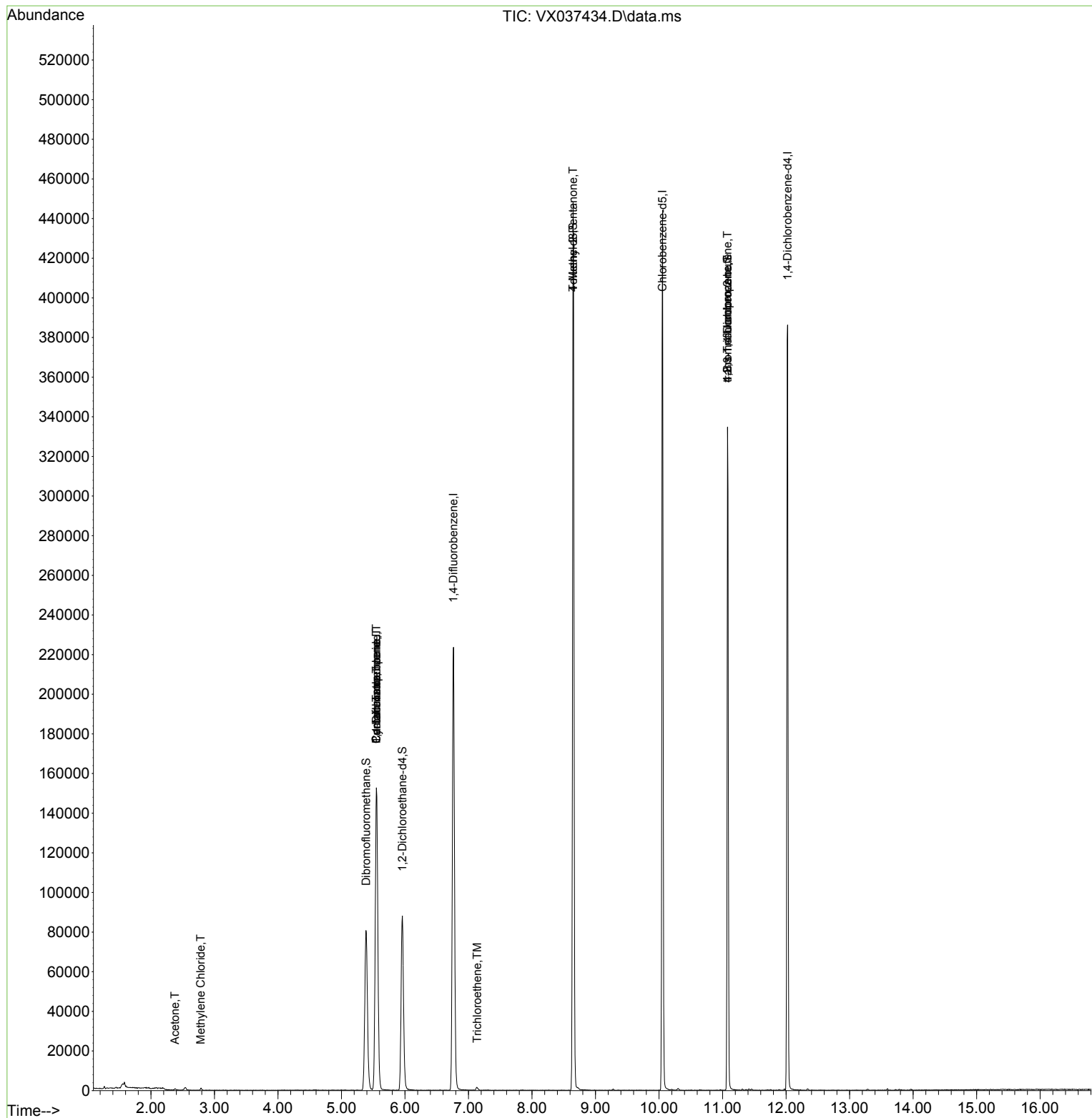
Internal Standards						
1) Pentafluorobenzene	5.549	168	144093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88214	42.465	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.920%
35) Dibromofluoromethane	5.385	113	72347	46.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.646	98	277213	48.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	95402	42.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.380%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	603	0.742	ug/l	91
20) Methylene Chloride	2.782	84	446	0.245	ug/l #	73
31) Cyclohexane	5.549	56	2706	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	10998	4.938	ug/l #	51
38) Carbon Tetrachloride	5.549	117	15245	6.302	ug/l #	15
44) Trichloroethene	7.135	130	747	0.412	ug/l	93
51) 4-Methyl-2-Pentanone	8.646	43	1018	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46731	25.563	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46731	71.398	ug/l #	5

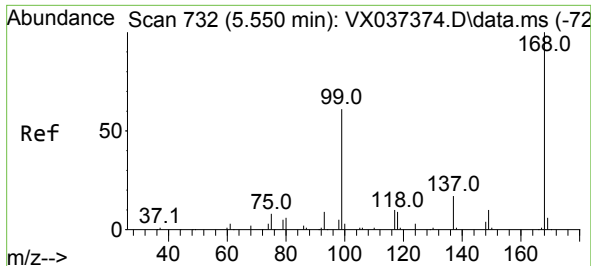
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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Response via : Initial Calibration

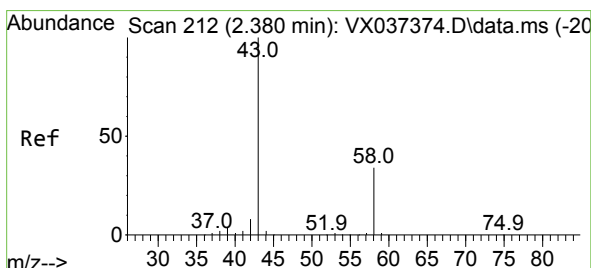
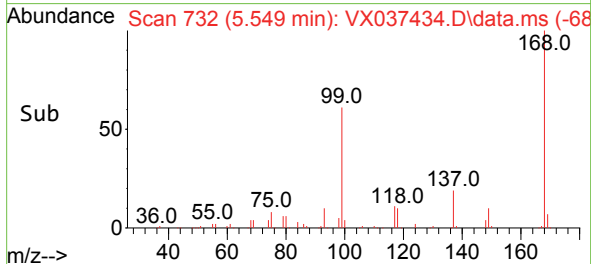
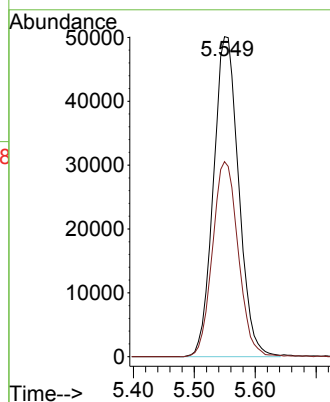
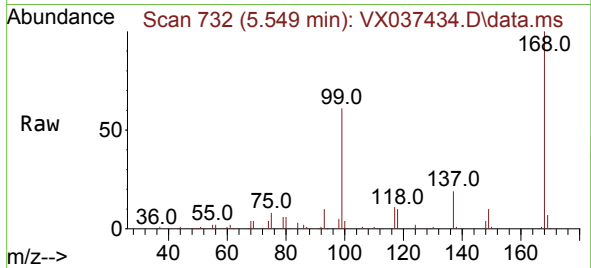




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

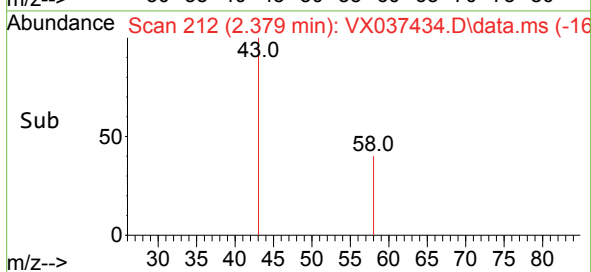
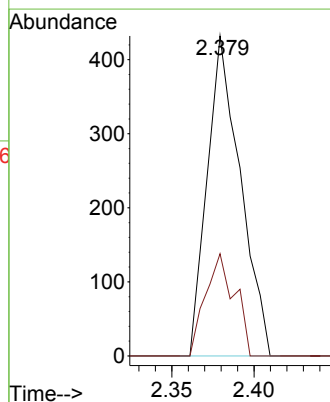
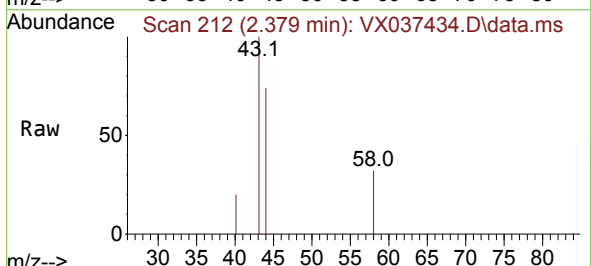
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

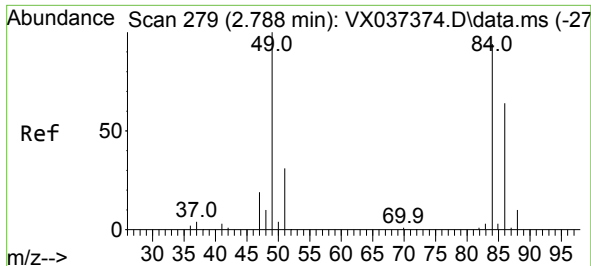
Tgt Ion:168 Resp: 144093
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#16
Acetone
Concen: 0.742 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

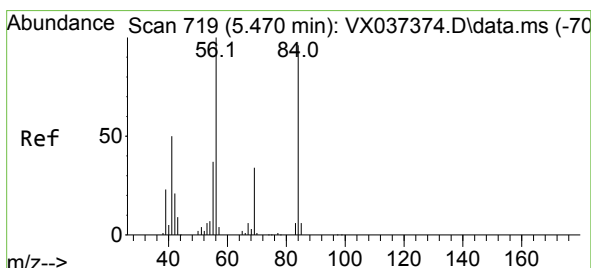
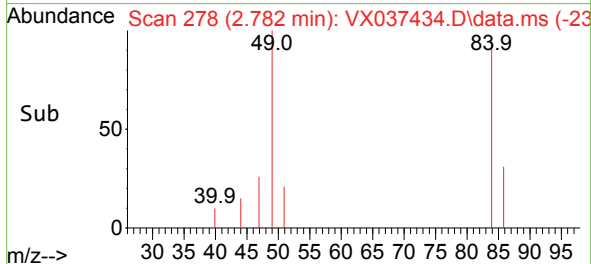
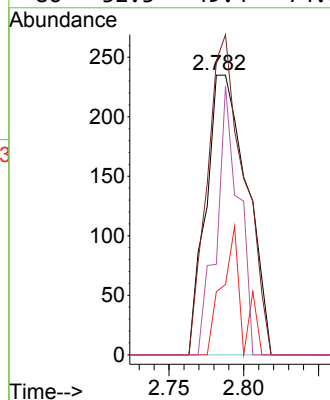
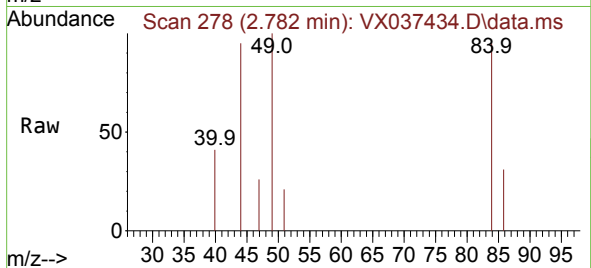




#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

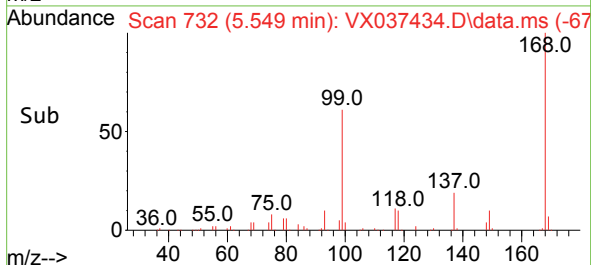
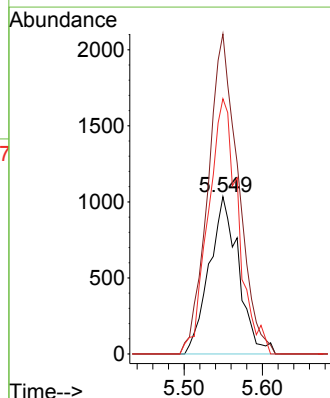
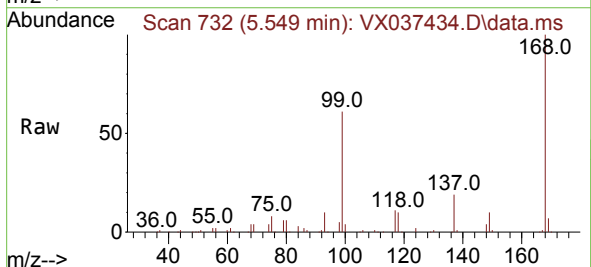
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

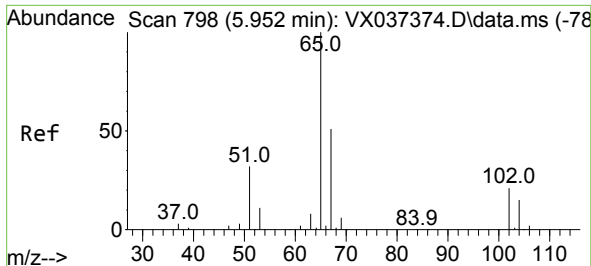
Tgt Ion: 84	Resp: 446
Ion Ratio	Lower Upper
84 100	
49 105.1	103.6 155.4
51 22.6	33.8 50.6#
86 32.3	49.4 74.0#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

Tgt Ion: 56	Resp: 2706		
Ion Ratio	Lower	Upper	
56	100		
69	203.5	23.4	35.2#
84	162.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.465 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX037434.D

Acq: 31 Aug 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

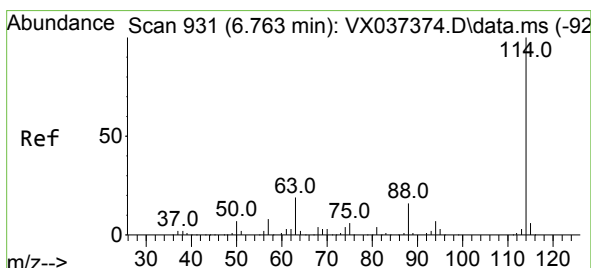
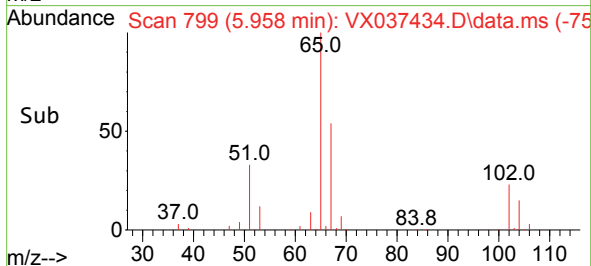
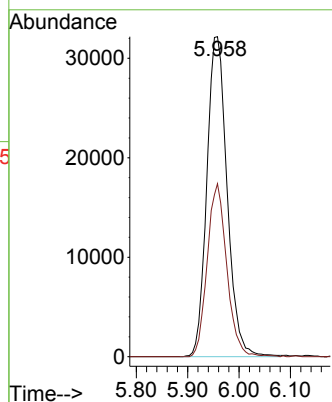
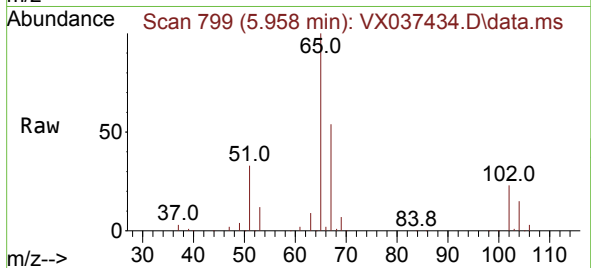
RE123D1-20230822

Tgt Ion: 65 Resp: 88214

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037434.D

Acq: 31 Aug 2023 16:42

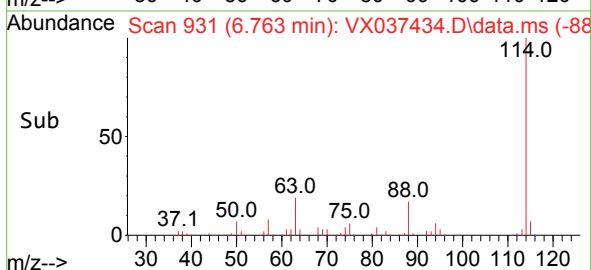
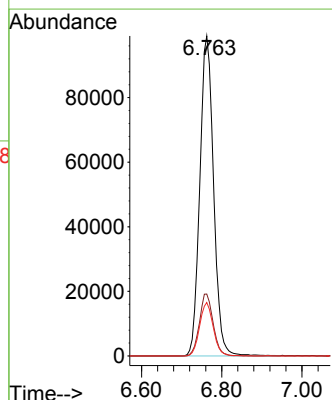
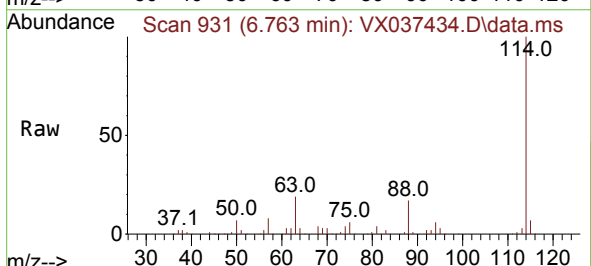
Tgt Ion: 114 Resp: 236690

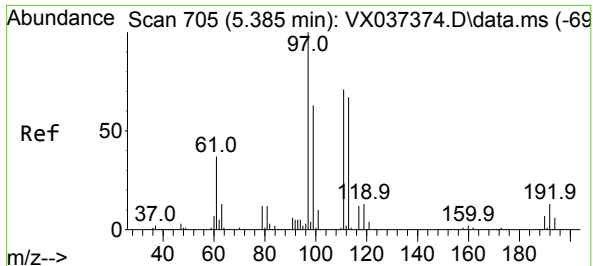
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.7 0.0 36.6

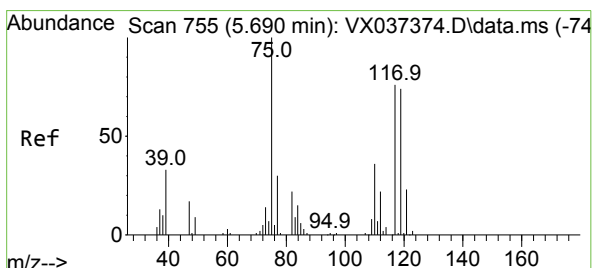
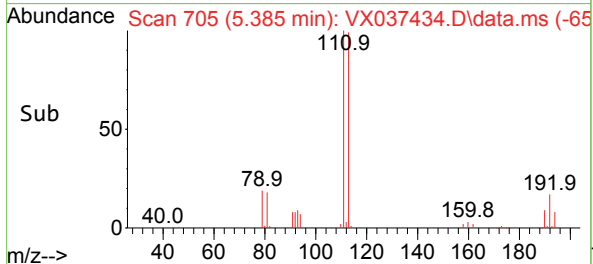
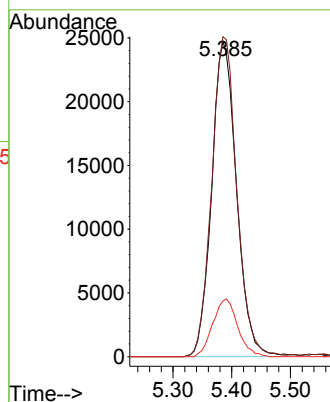
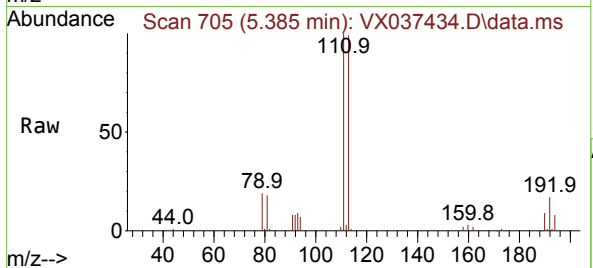




#35
Dibromofluoromethane
Concen: 46.153 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

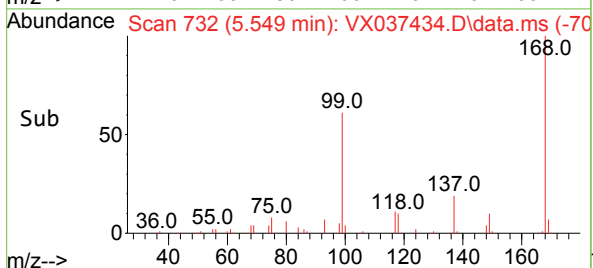
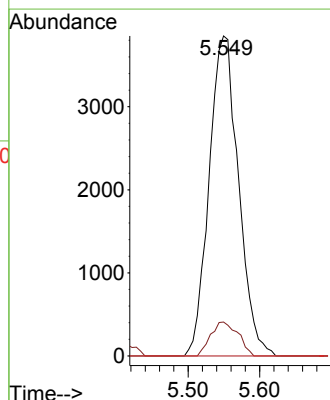
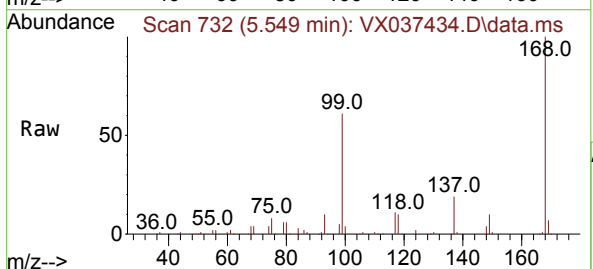
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

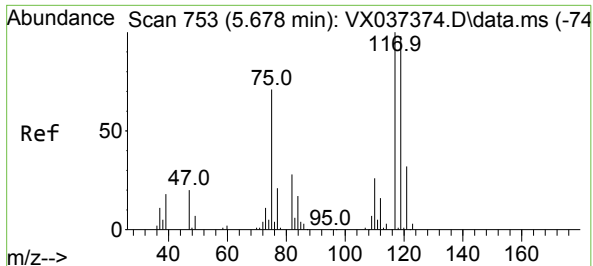
Tgt Ion:	113	Resp:	72347
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

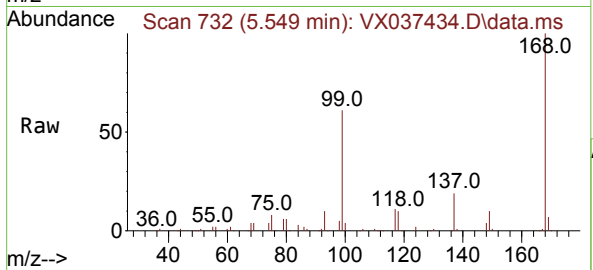
Tgt Ion:	75	Resp:	10998
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#



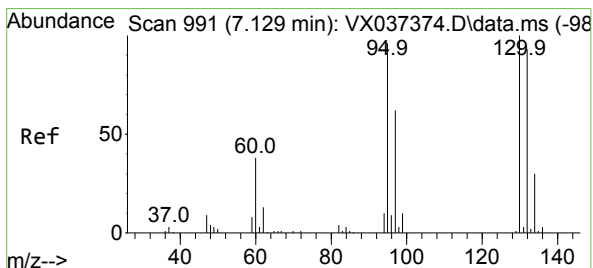
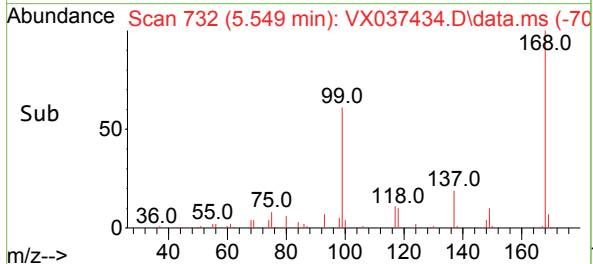
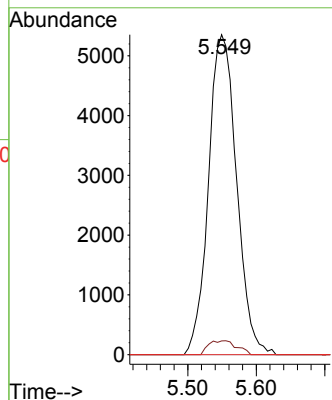


#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20230822

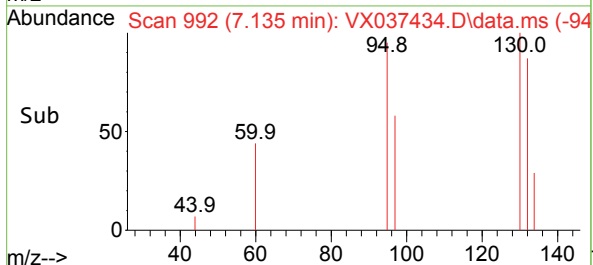
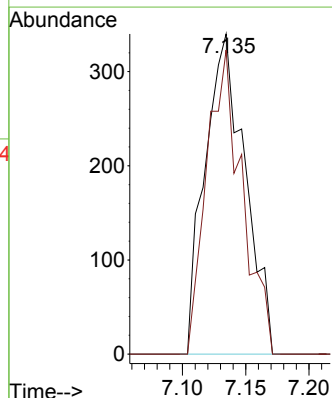
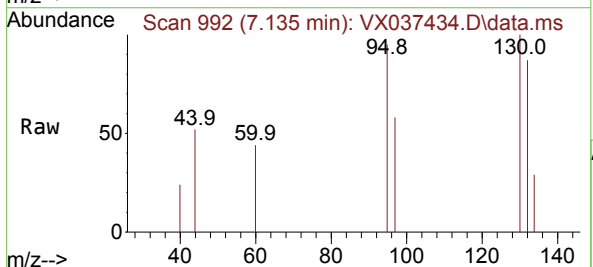


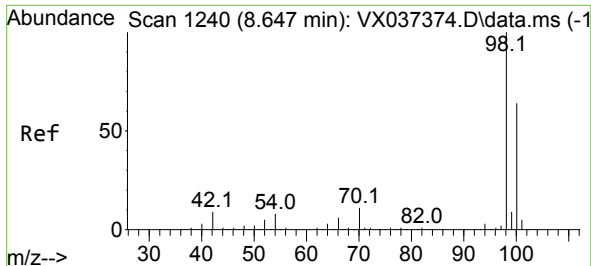
Tgt Ion:117 Resp: 15245
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.412 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

Tgt Ion:130 Resp: 747
Ion Ratio Lower Upper
130 100
95 95.0 0.0 204.4





#50

Toluene-d8

Concen: 48.753 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037434.D

Acq: 31 Aug 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

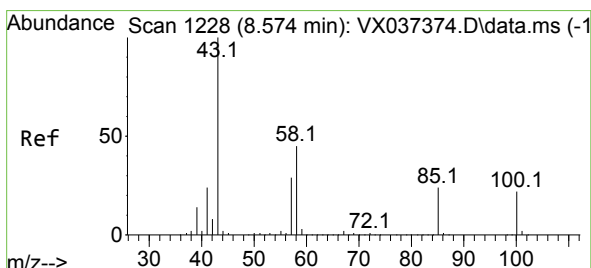
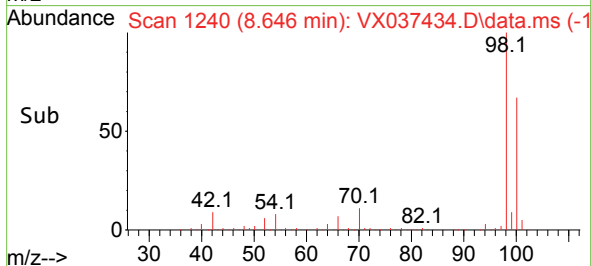
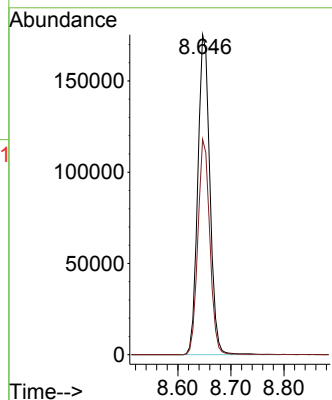
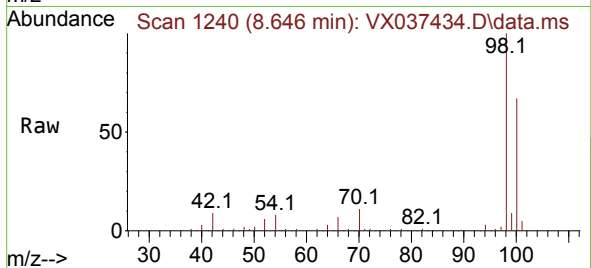
RE123D1-20230822

Tgt Ion: 98 Resp: 277213

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.464 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037434.D

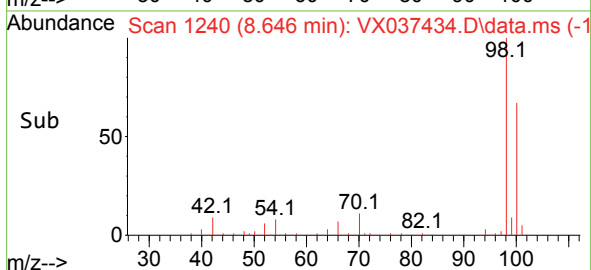
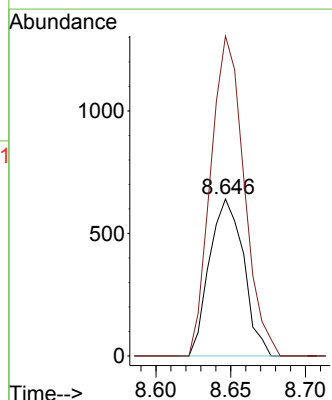
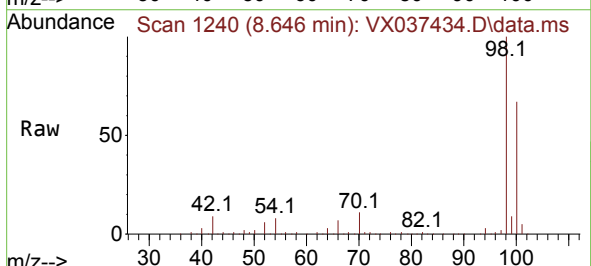
Acq: 31 Aug 2023 16:42

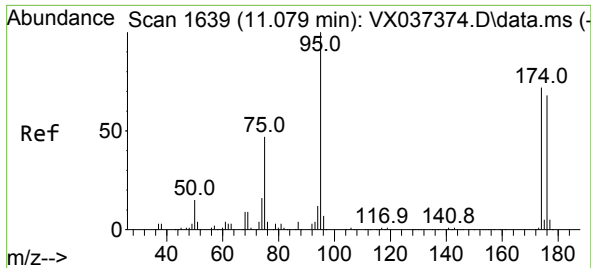
Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

58 199.0 30.4 45.6#

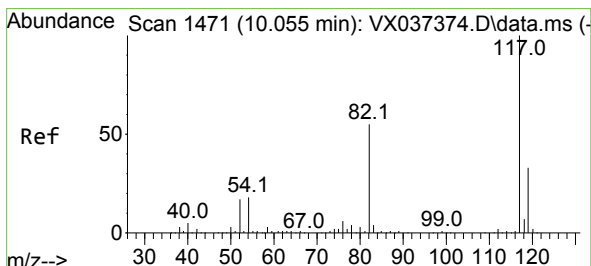
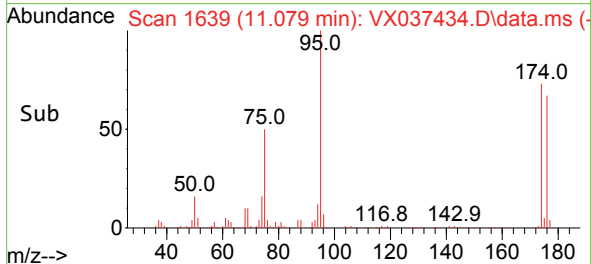
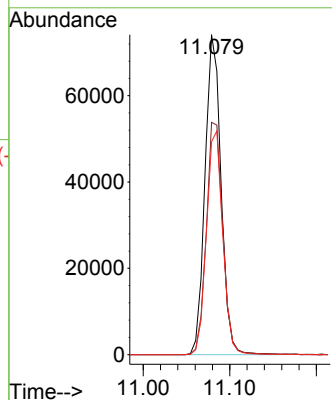
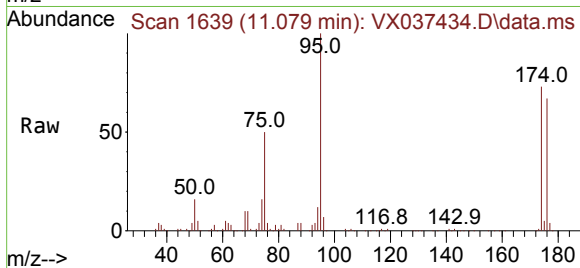




#62
4-Bromofluorobenzene
Concen: 42.694 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

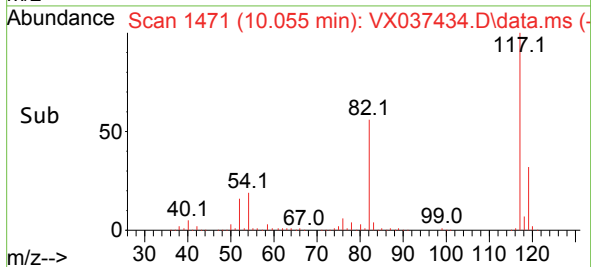
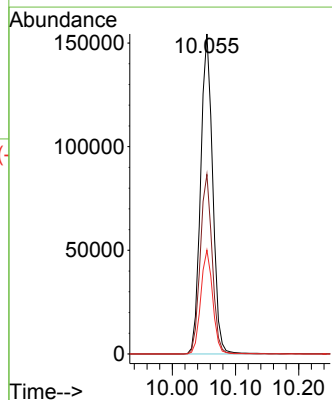
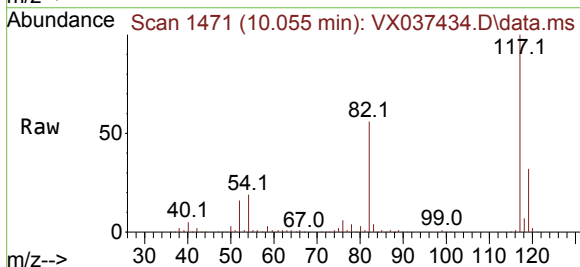
Instrument :
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RE123D1-20230822

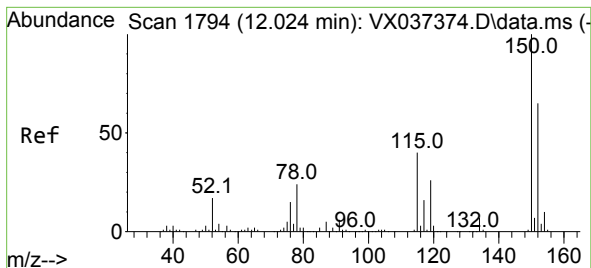
Tgt Ion: 95 Resp: 95402
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037434.D
Acq: 31 Aug 2023 16:42

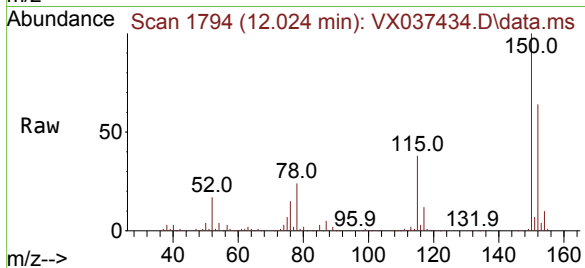
Tgt Ion: 117 Resp: 205018
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.5 25.5 38.3



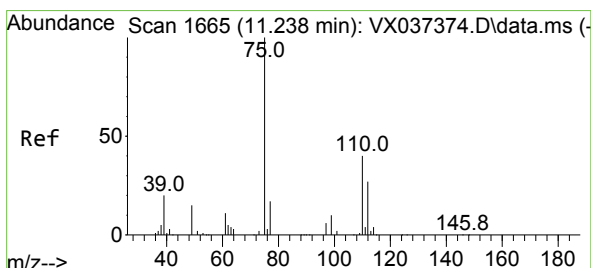
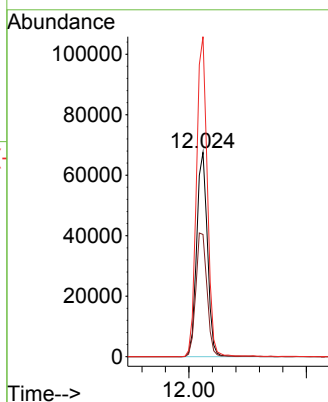
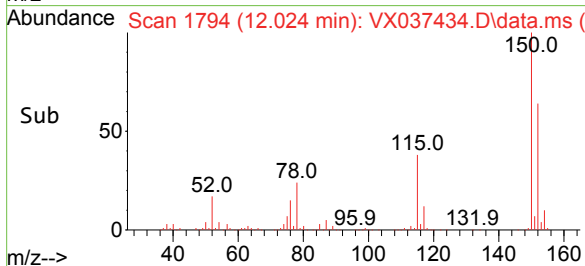


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX037434.D
 Acq: 31 Aug 2023 16:42

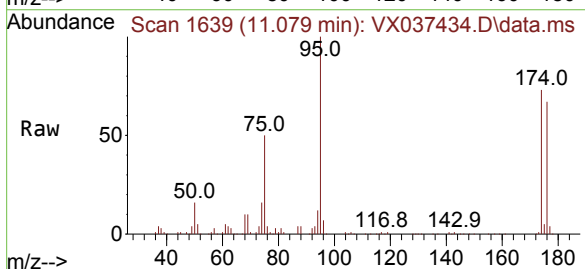
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20230822



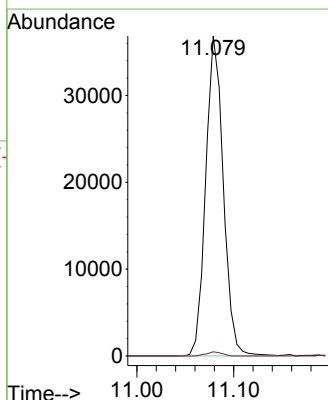
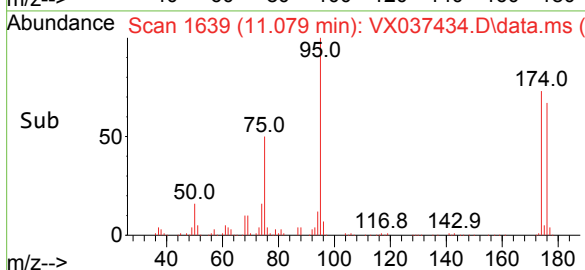
Tgt Ion:152 Resp: 85839
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 157.6 0.0 345.0

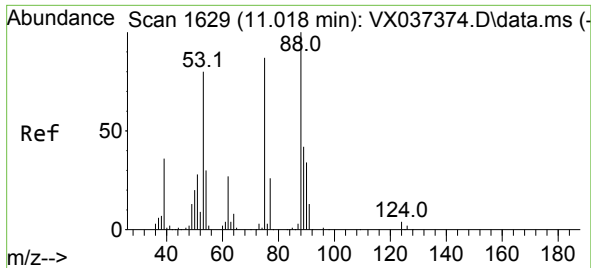


#76
 1,2,3-Trichloropropane
 Concen: 25.563 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037434.D
 Acq: 31 Aug 2023 16:42



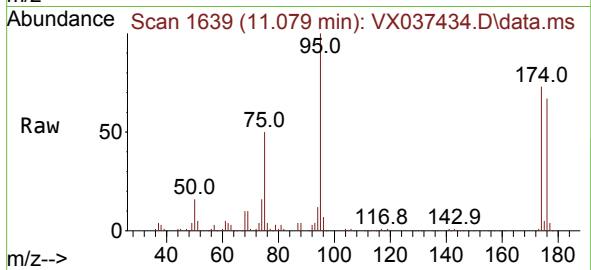
Tgt Ion: 75 Resp: 46731
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.398 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037434.D
 Acq: 31 Aug 2023 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20230822



Tgt Ion: 75 Resp: 46731
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

