

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032873.D
 Acq On : 16 Nov 2022 17:10
 Operator : JC/MD
 Sample : N5640-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:43:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

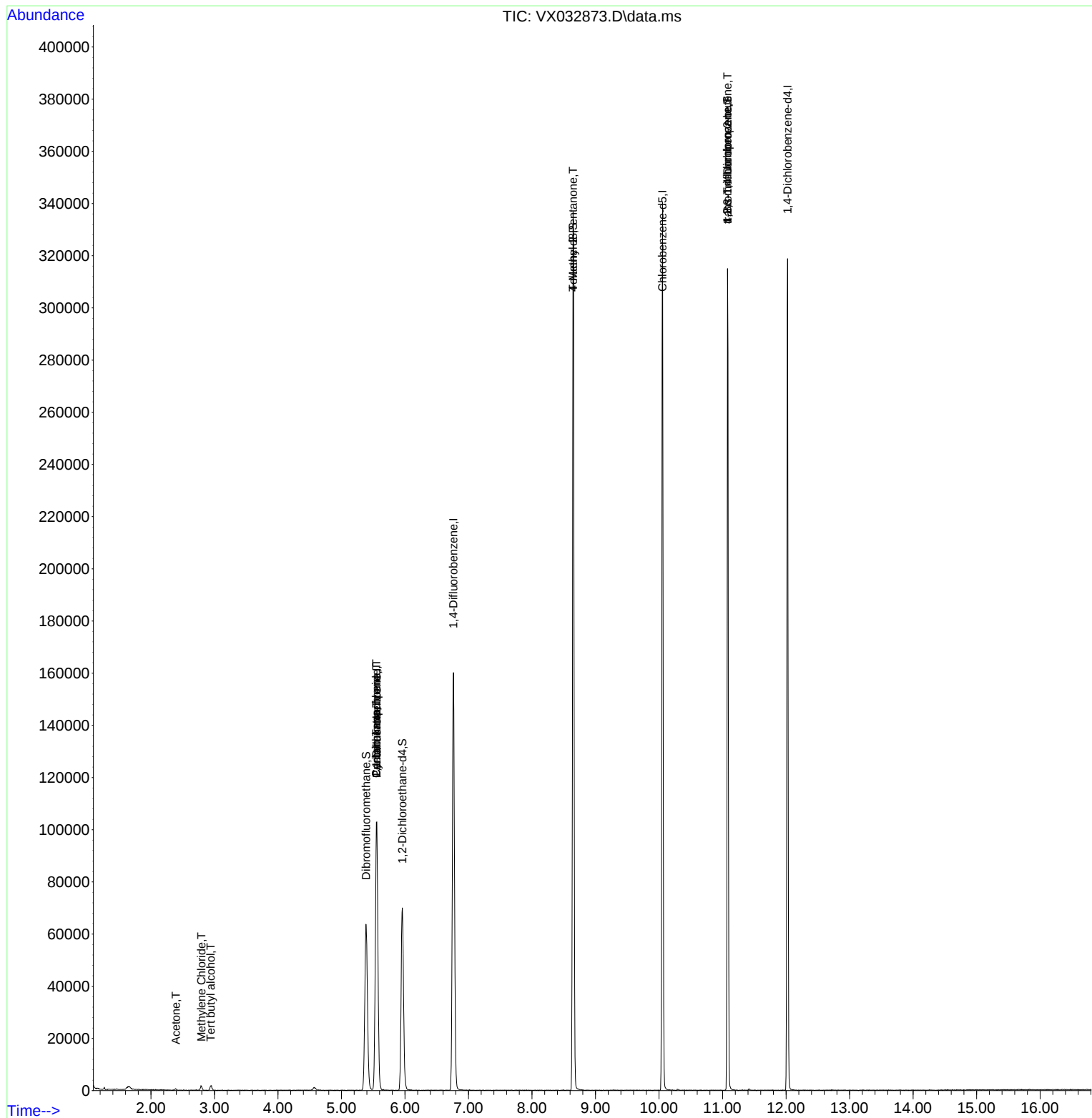
Internal Standards						
1) Pentafluorobenzene	5.556	168	97244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70365	52.077	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.160%	
35) Dibromofluoromethane	5.385	113	55461	47.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.380%	
50) Toluene-d8	8.647	98	203364	50.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	11.079	95	76928	48.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1214	6.173	ug/l #	72
16) Acetone	2.392	43	780	1.588	ug/l #	81
20) Methylene Chloride	2.794	84	931	0.827	ug/l #	76
31) Cyclohexane	5.550	56	2121	1.295	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	7475	4.616	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9995	5.565	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	903	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42003	28.480	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42003	90.623	ug/l #	6

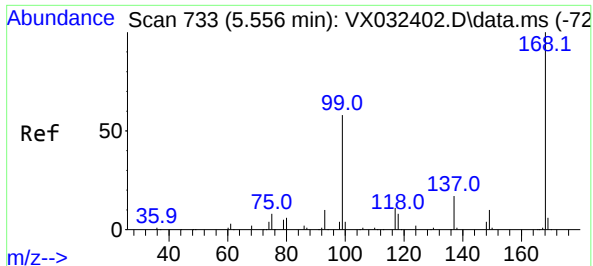
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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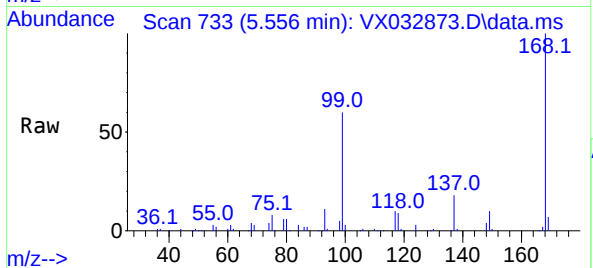
Quant Time: Nov 17 05:43:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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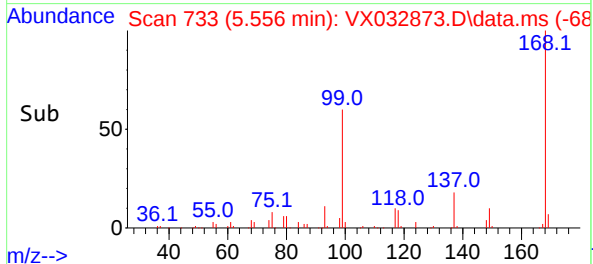
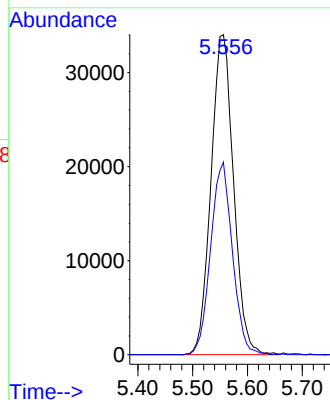


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :

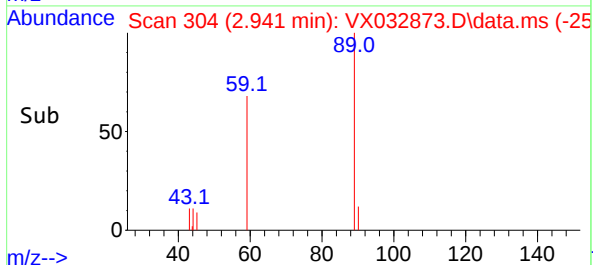
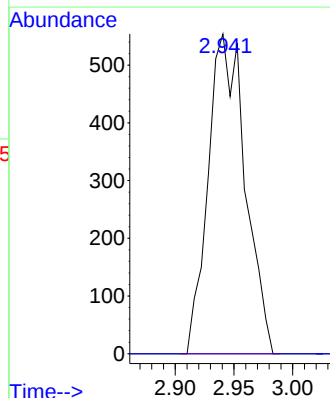
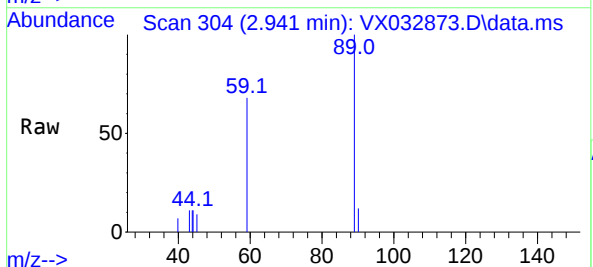


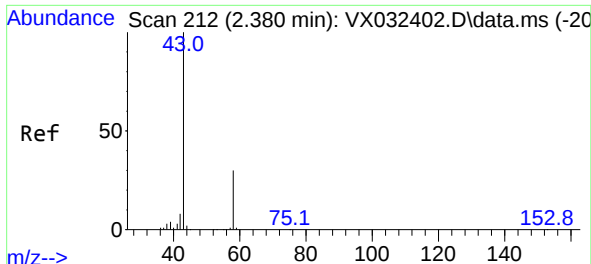
Tgt Ion:168 Resp: 97244
Ion Ratio Lower Upper
168 100
99 60.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.173 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

Tgt Ion: 59 Resp: 1214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

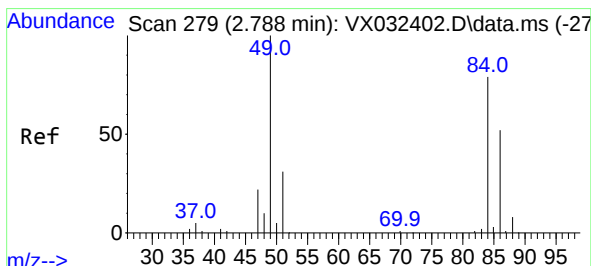
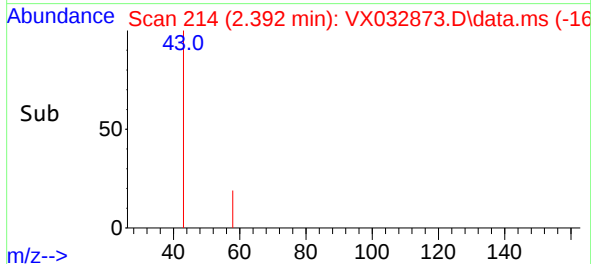
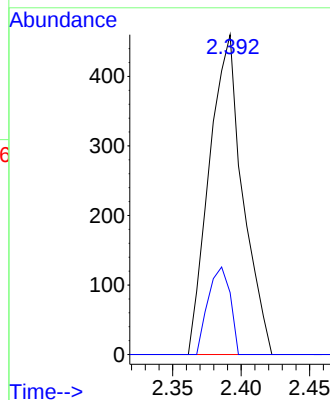
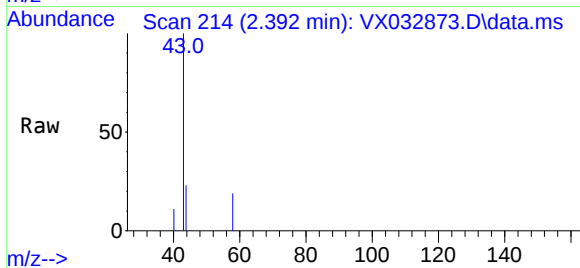




#16
Acetone
Concen: 1.588 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

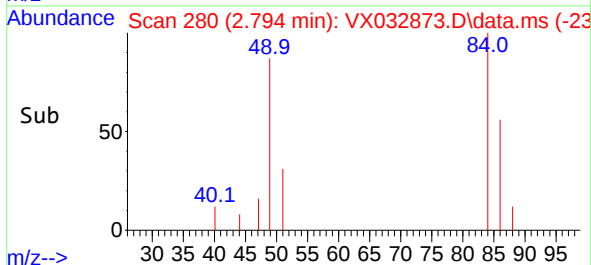
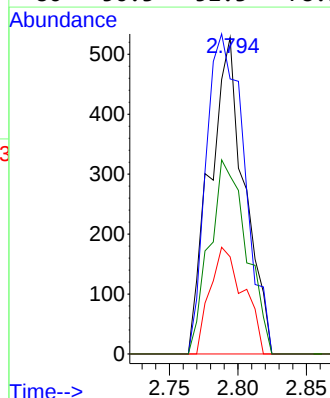
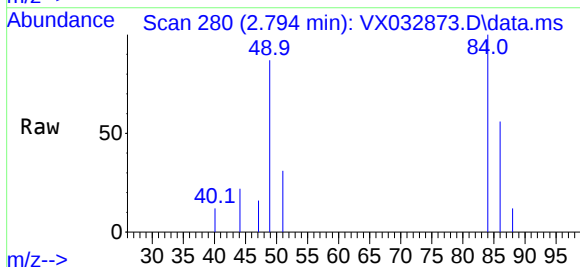
Instrument :
MSVOA_X
ClientSampleId :

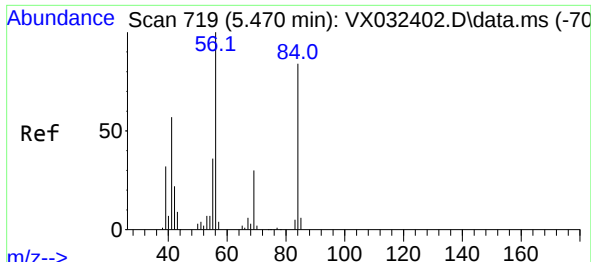
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 19.3 23.8 35.8#



#20
Methylene Chloride
Concen: 0.827 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

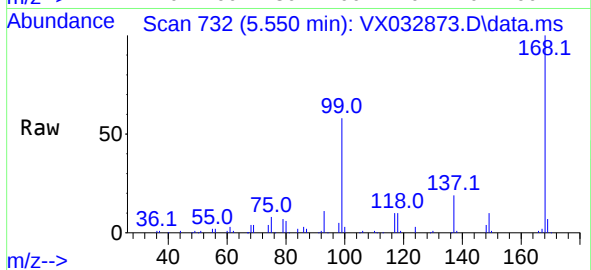
Tgt Ion: 84 Resp: 931
Ion Ratio Lower Upper
84 100
49 86.9 101.0 151.6#
51 30.7 31.1 46.7#
86 56.3 52.3 78.5



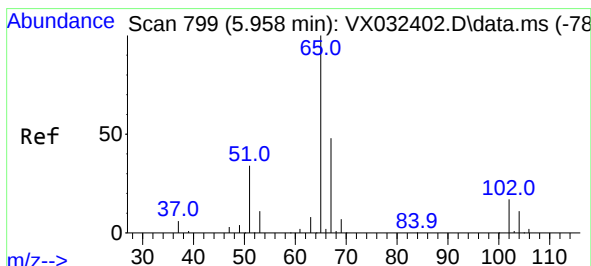
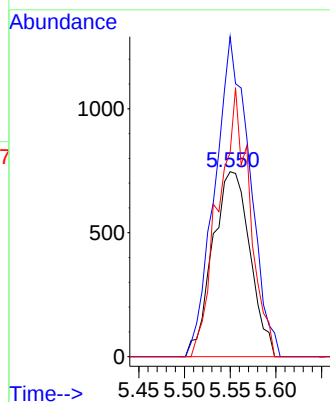
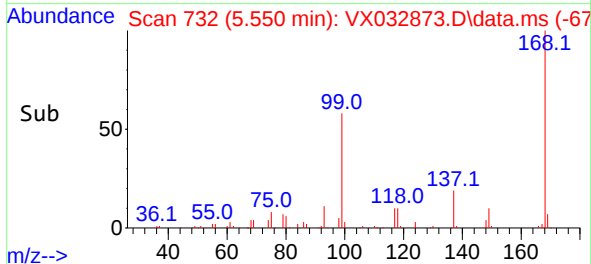


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :

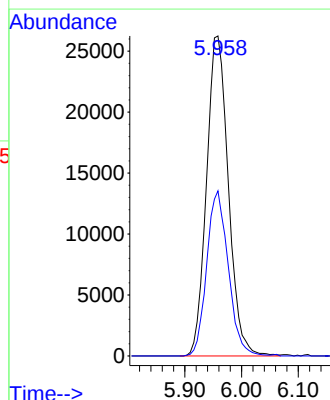
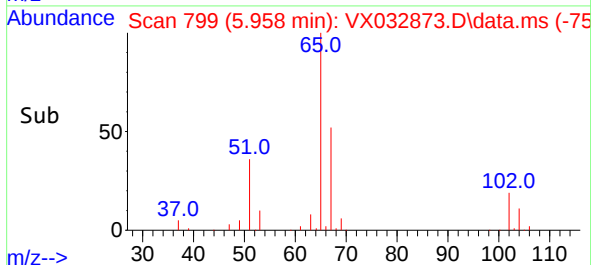
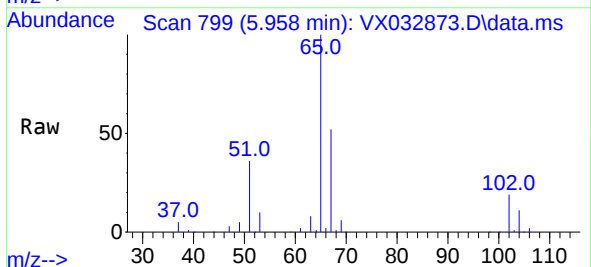


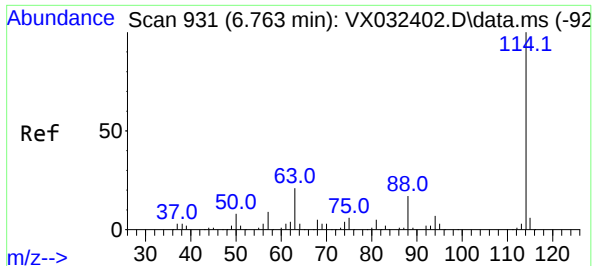
Tgt Ion: 56 Resp: 2121
Ion Ratio Lower Upper
56 100
69 173.1 24.1 36.1#
84 110.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.077 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

Tgt Ion: 65 Resp: 70365
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032873.D

Acq: 16 Nov 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

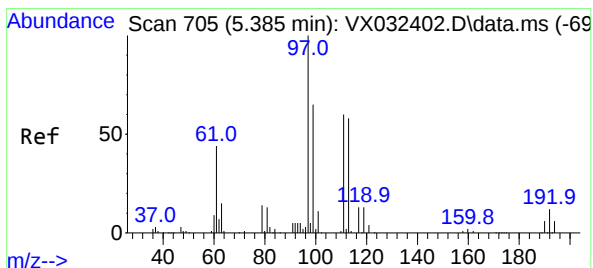
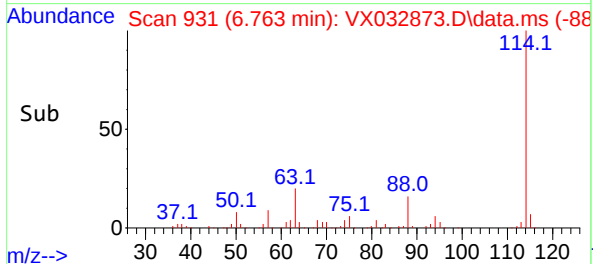
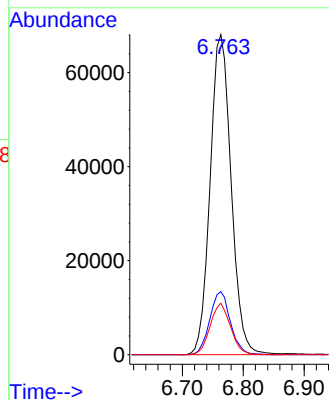
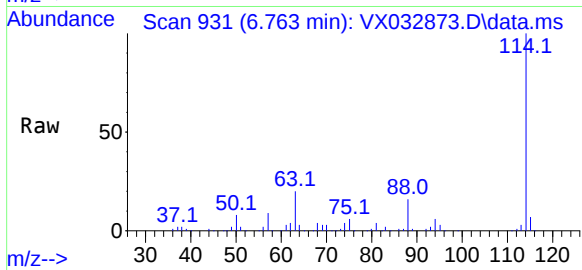
Tgt Ion:114 Resp: 163029

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.692 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032873.D

Acq: 16 Nov 2022 17:10

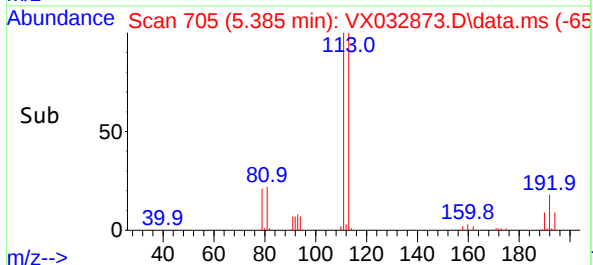
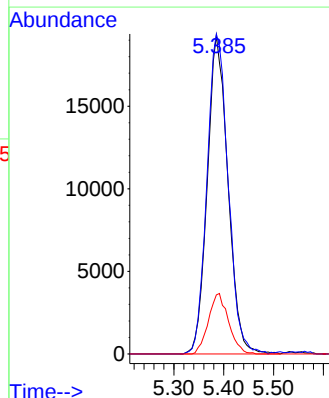
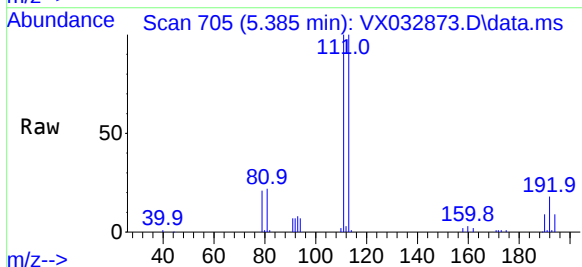
Tgt Ion:113 Resp: 55461

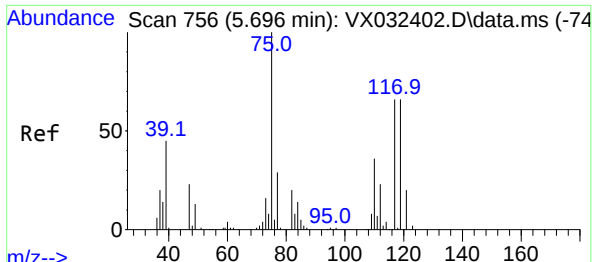
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.5 15.4 23.2

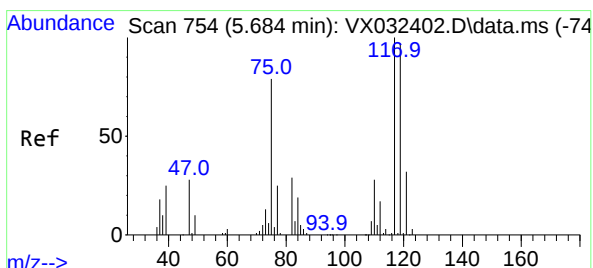
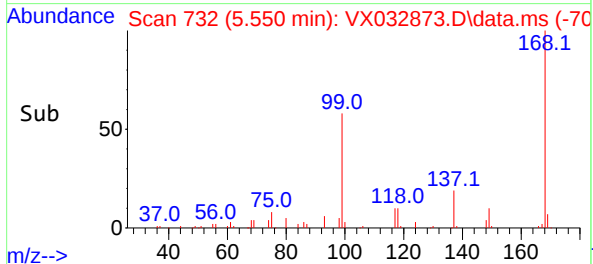
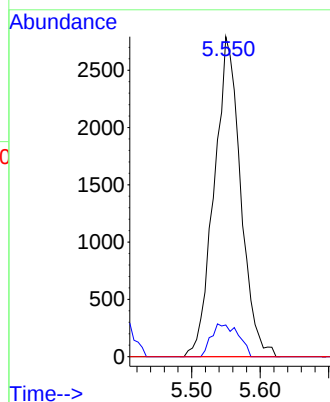
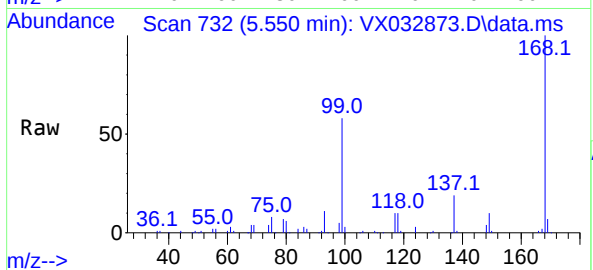




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

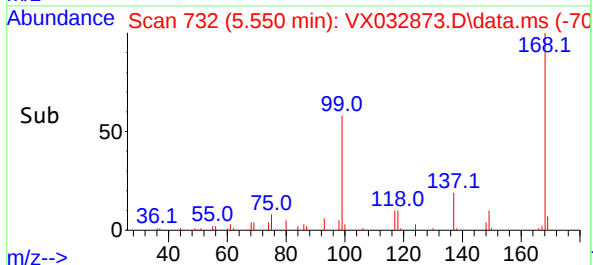
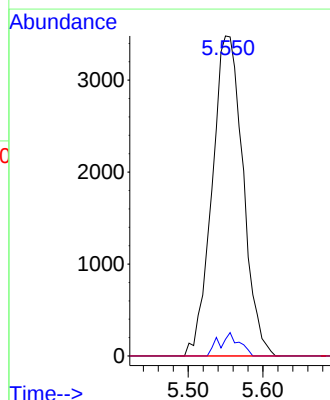
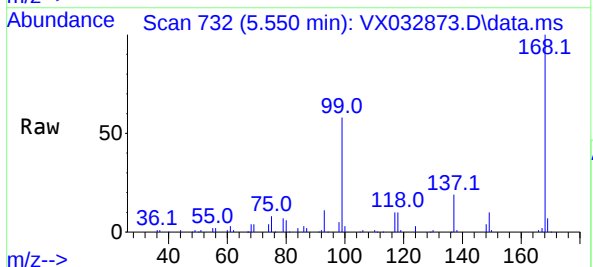
Instrument :
MSVOA_X
ClientSampleId :

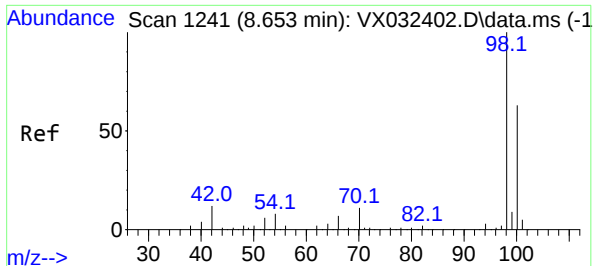
Tgt Ion: 75 Resp: 7475
Ion Ratio Lower Upper
75 100
110 10.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

Tgt Ion: 117 Resp: 9995
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.292 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032873.D

Acq: 16 Nov 2022 17:10

Instrument :

MSVOA_X

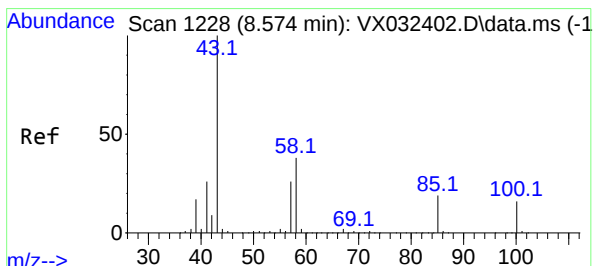
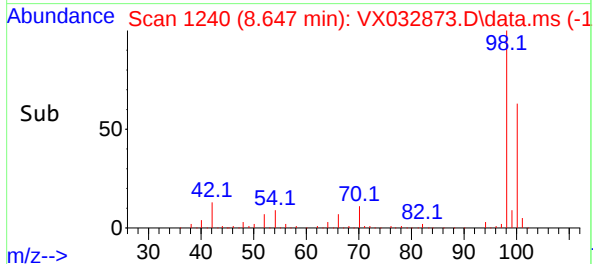
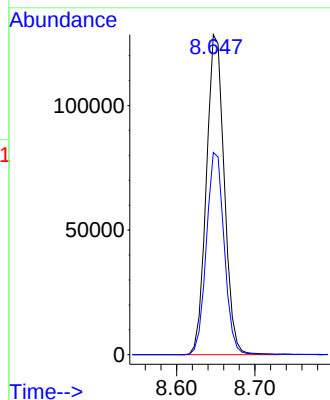
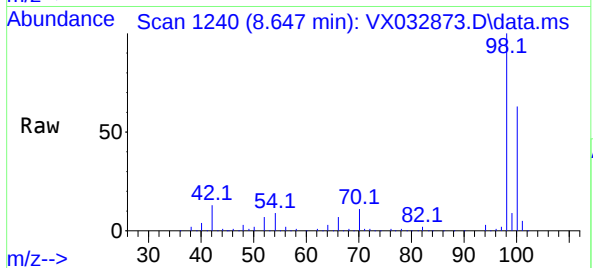
ClientSampleId :

Tgt Ion: 98 Resp: 203364

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.554 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032873.D

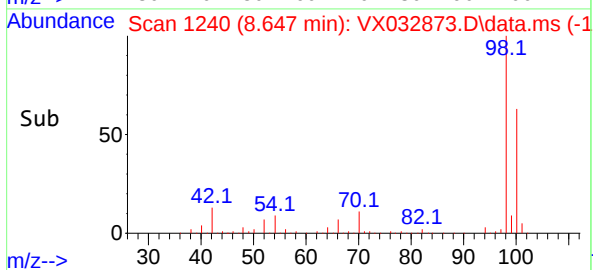
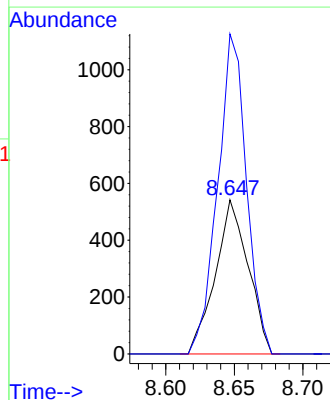
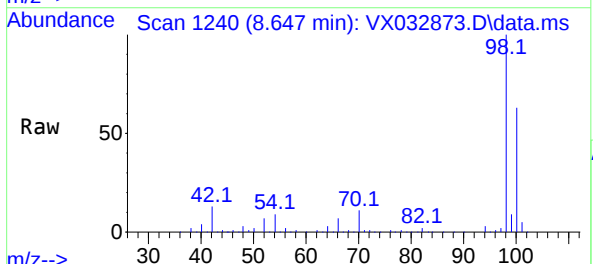
Acq: 16 Nov 2022 17:10

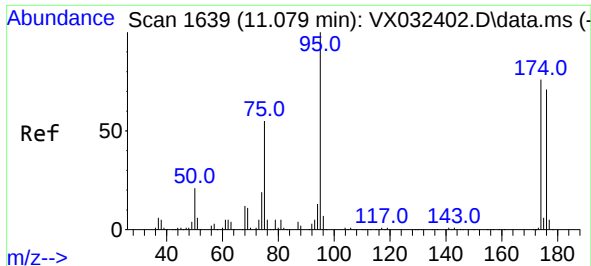
Tgt Ion: 43 Resp: 903

Ion Ratio Lower Upper

43 100

58 182.4 30.9 46.3#

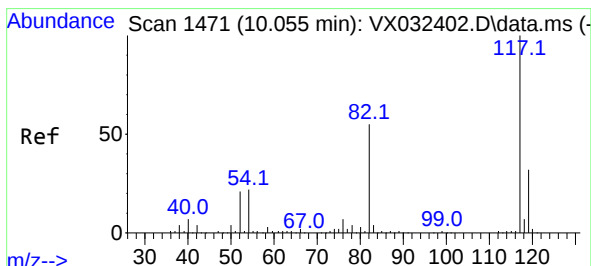
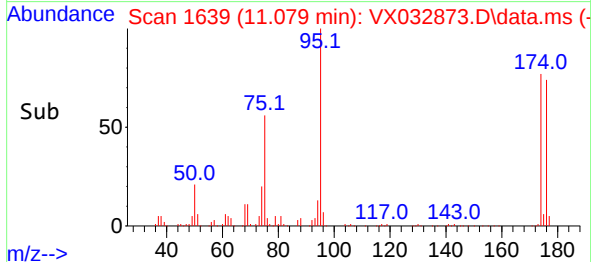
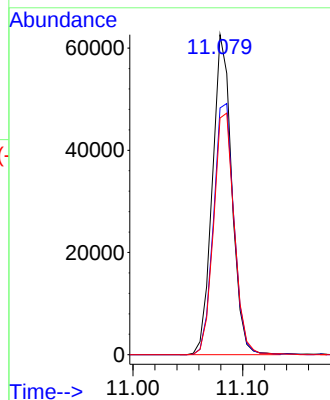
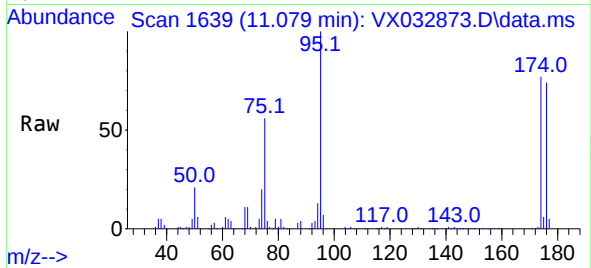




#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

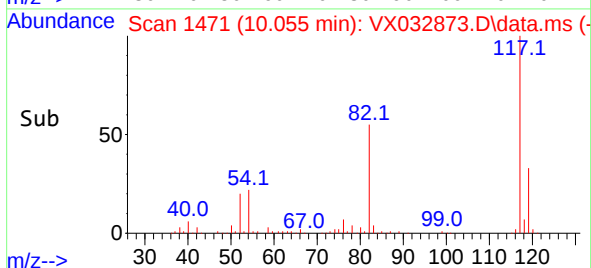
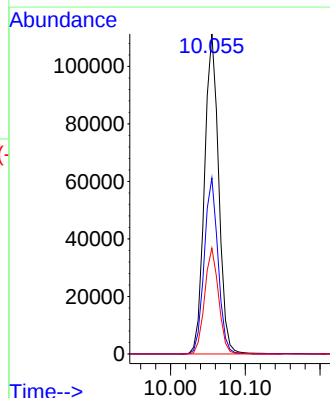
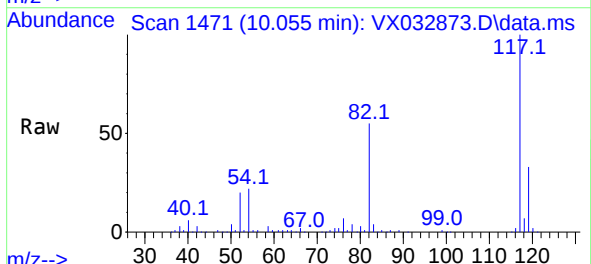
Instrument :
MSVOA_X
ClientSampleId :

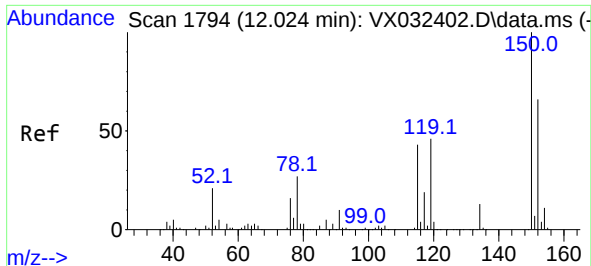
Tgt Ion: 95 Resp: 76928
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 80.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

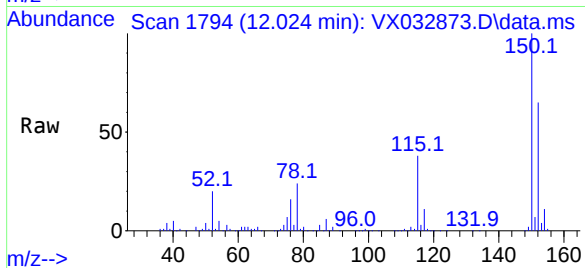
Tgt Ion: 117 Resp: 146687
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 33.1 25.7 38.5



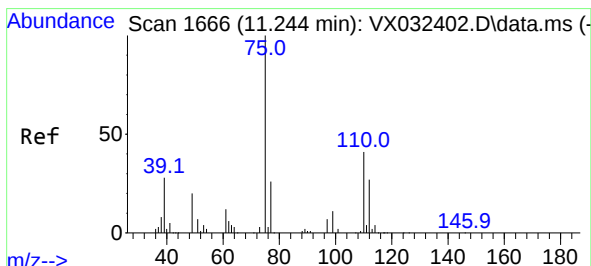
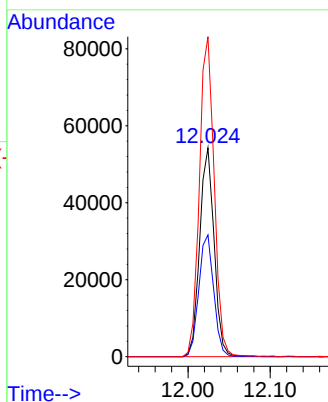
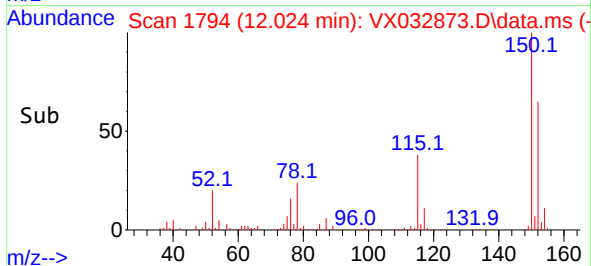


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10

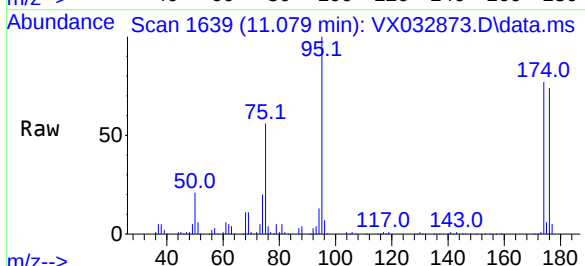
Instrument :
MSVOA_X
ClientSampleId :



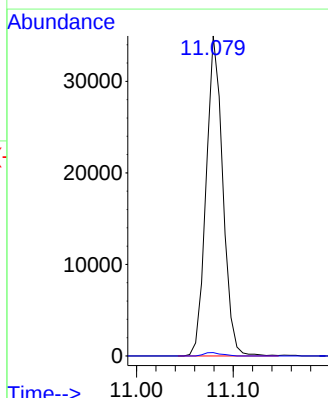
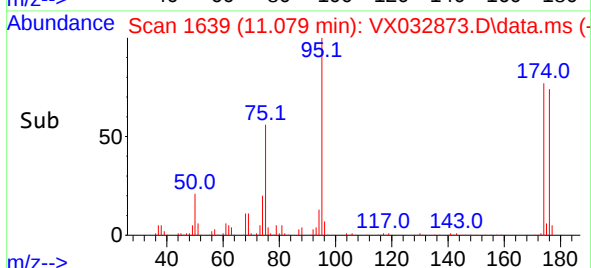
Tgt Ion:152 Resp: 66292
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.8 0.0 351.8

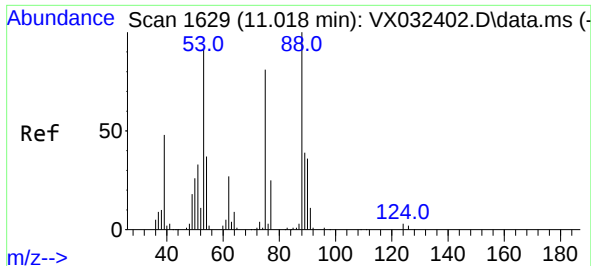


#76
1,2,3-Trichloropropane
Concen: 28.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032873.D
Acq: 16 Nov 2022 17:10



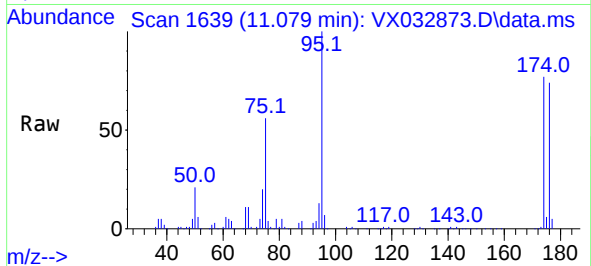
Tgt Ion: 75 Resp: 42003
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.623 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032873.D
 Acq: 16 Nov 2022 17:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 42003
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

