

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032946.D
 Acq On : 21 Nov 2022 12:50
 Operator : JC/MD
 Sample : N5729-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20221116

Quant Time: Nov 22 05:11:13 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)

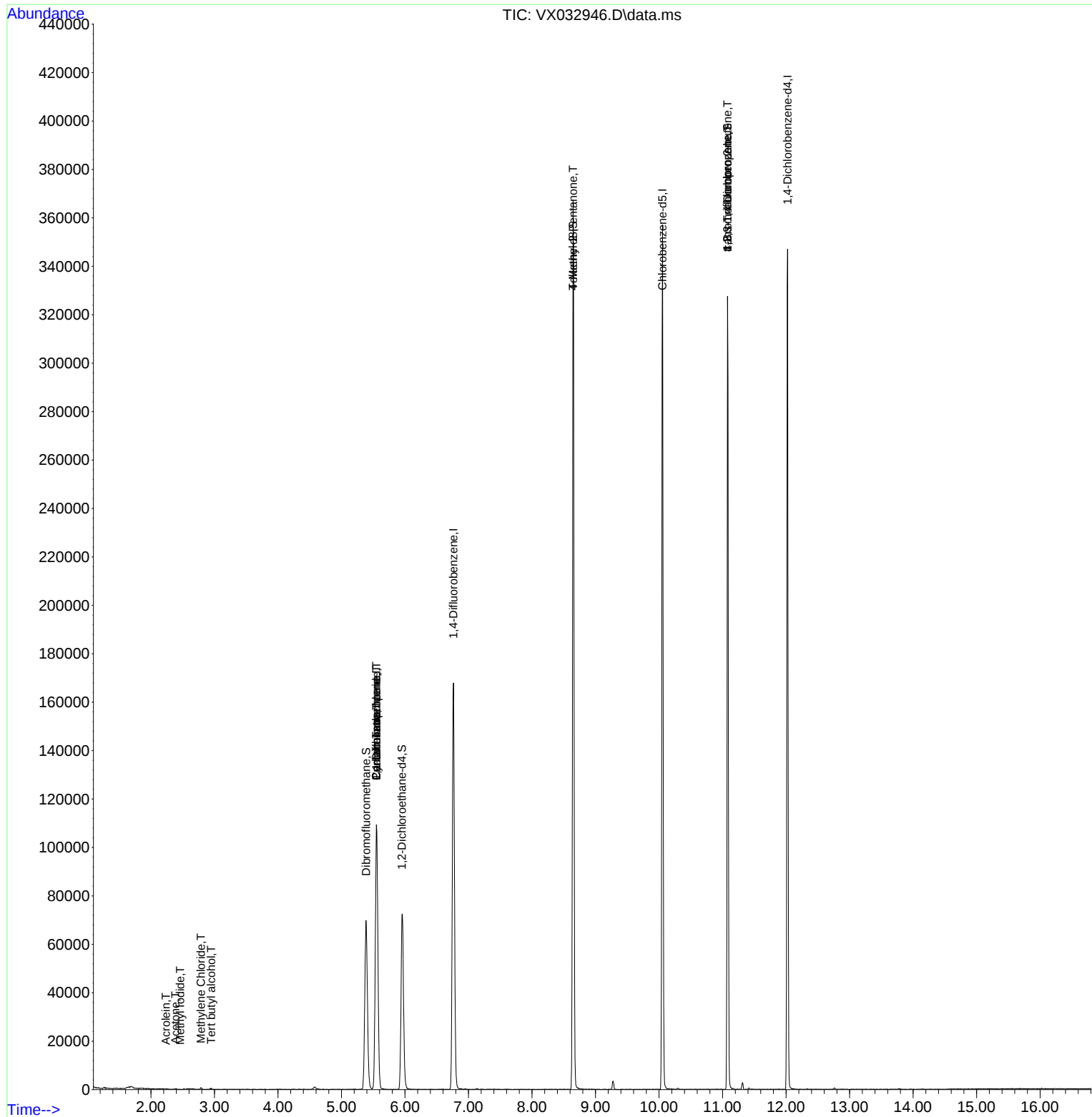
Internal Standards						
1) Pentafluorobenzene	5.550	168	104410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74846	51.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.180%	
35) Dibromofluoromethane	5.385	113	59427	48.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.260%	
50) Toluene-d8	8.647	98	212640	50.042	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	11.079	95	82399	49.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	20	1.932	ug/l #	37
11) Tert butyl alcohol	2.946	59	210	0.995	ug/l #	72
13) Acrolein	2.233	56	186	0.882	ug/l #	50
16) Acetone	2.386	43	376	0.713	ug/l	98
20) Methylene Chloride	2.788	84	362	0.299	ug/l #	82
31) Cyclohexane	5.550	56	2164	1.230	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	7788	4.577	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10750	5.696	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	984	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44033	27.980	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44033	89.032	ug/l #	6

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

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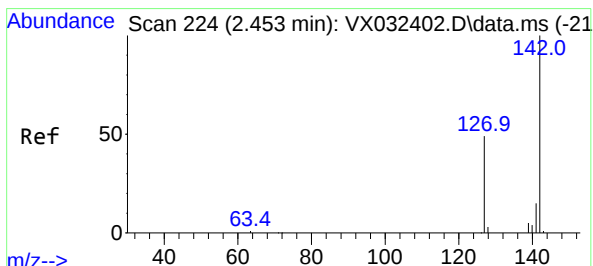
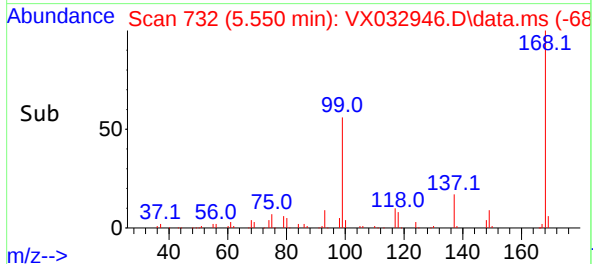
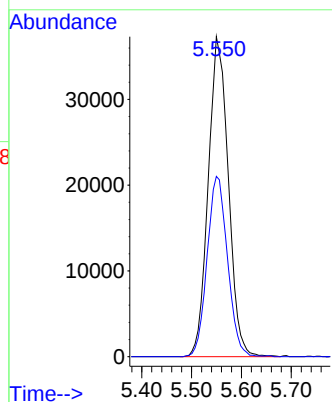
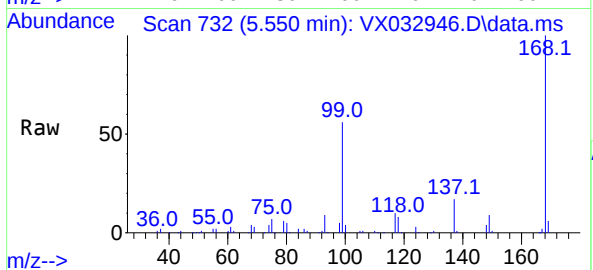




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

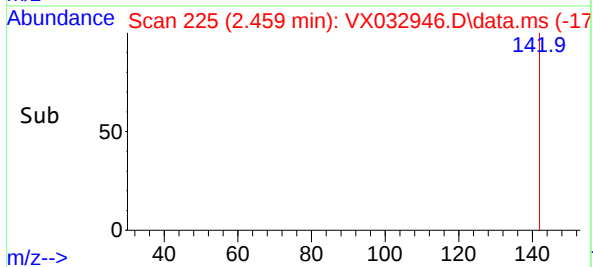
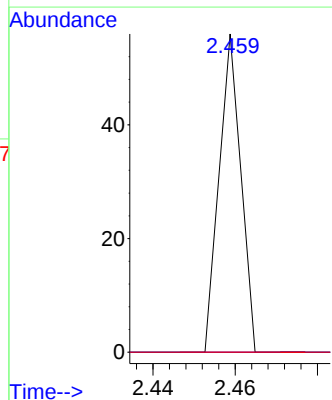
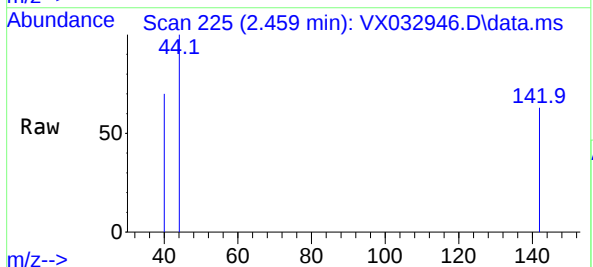
Instrument :
MSVOA_X
ClientSampleId :
TB02-20221116

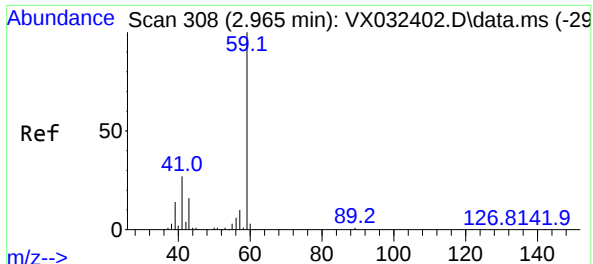
Tgt Ion:168 Resp: 104410
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#10
Methyl Iodide
Concen: 1.932 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.995 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032946.D

Acq: 21 Nov 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

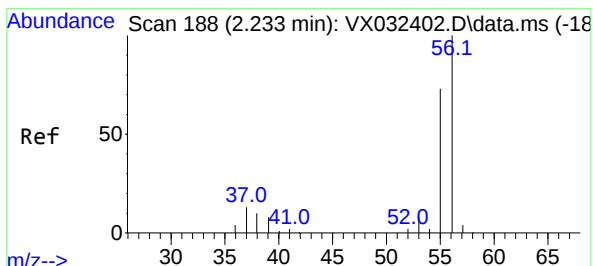
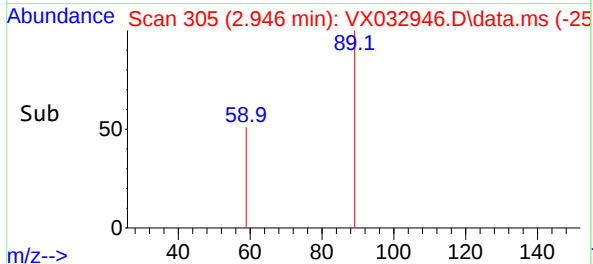
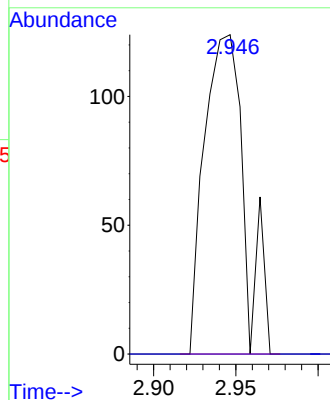
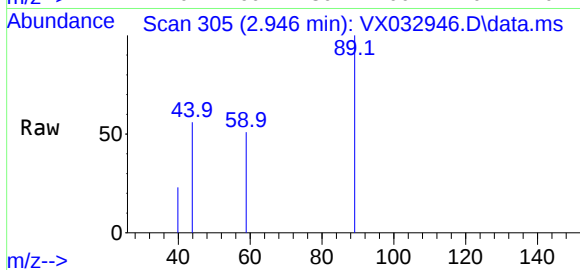
TB02-20221116

Tgt Ion: 59 Resp: 210

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.882 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX032946.D

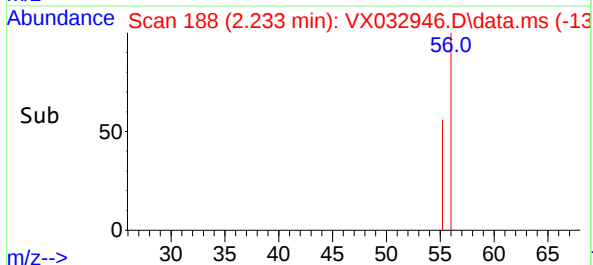
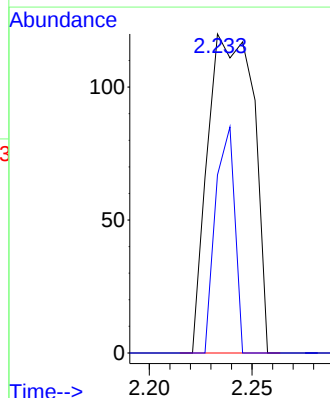
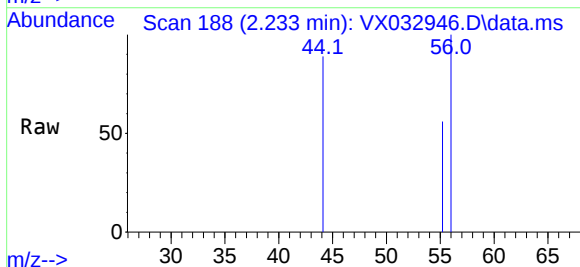
Acq: 21 Nov 2022 12:50

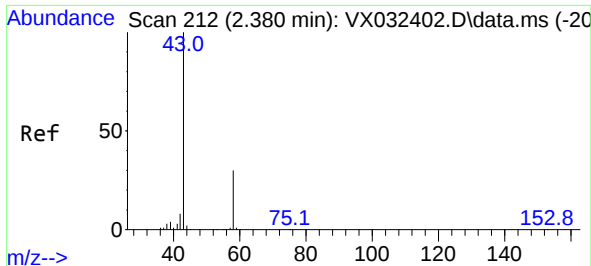
Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

56 100

55 30.1 56.9 85.3#

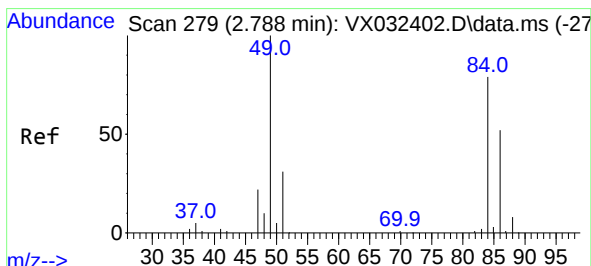
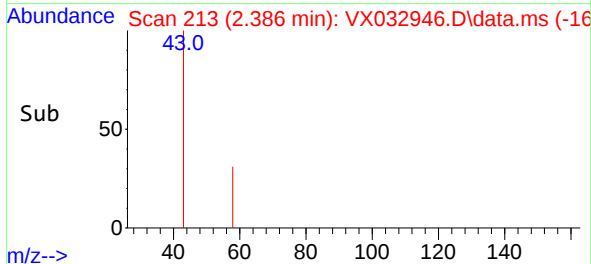
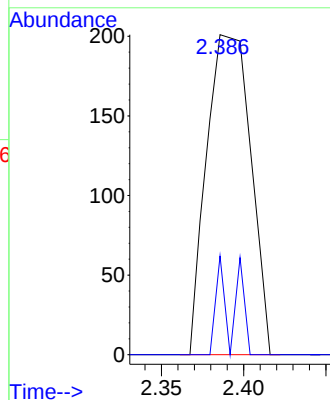
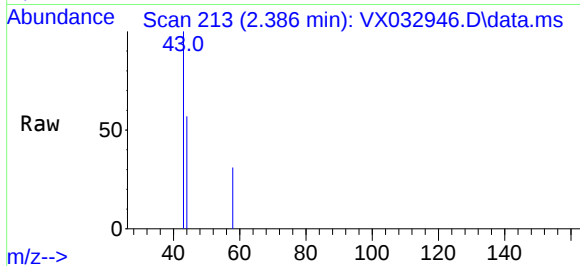




#16
Acetone
Concen: 0.713 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

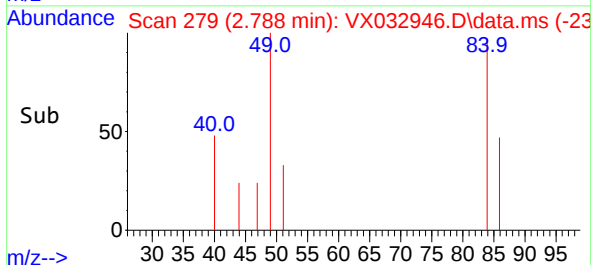
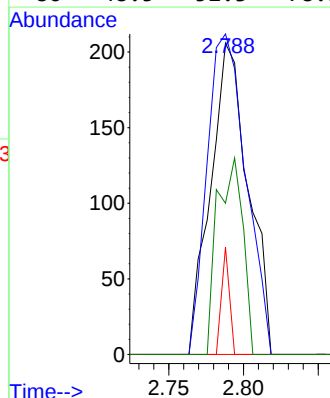
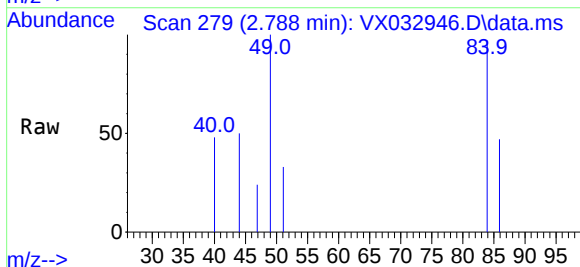
Instrument :
MSVOA_X
ClientSampleId :
TB02-20221116

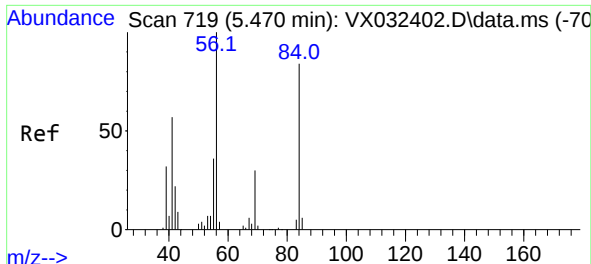
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.8



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

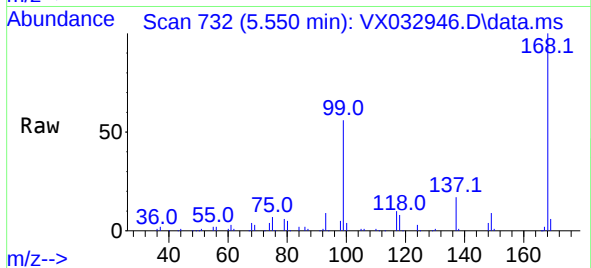
Tgt Ion: 84 Resp: 362
Ion Ratio Lower Upper
84 100
49 102.9 101.0 151.6
51 34.5 31.1 46.7
86 48.5 52.3 78.5#



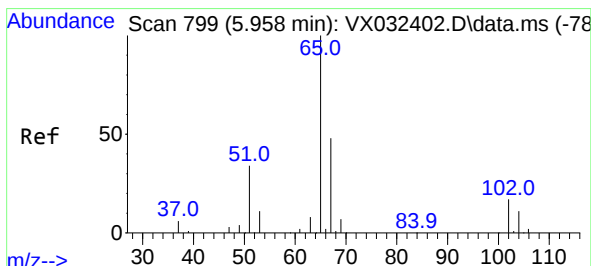
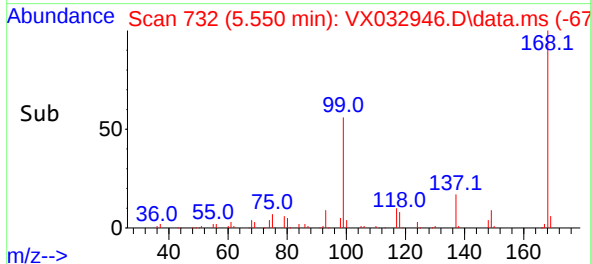
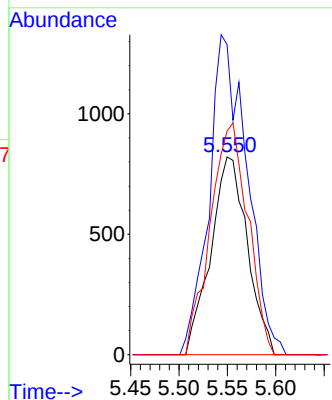


#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

Instrument :
MSVOA_X
ClientSampleId :
TB02-20221116

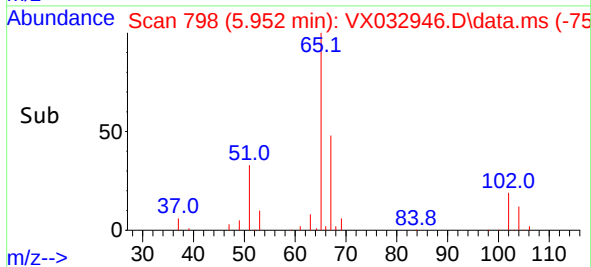
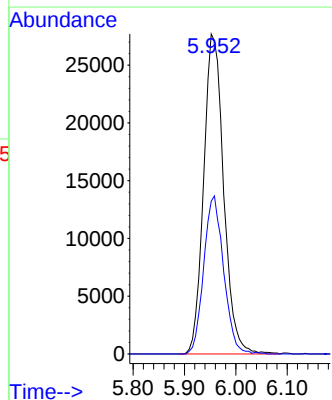
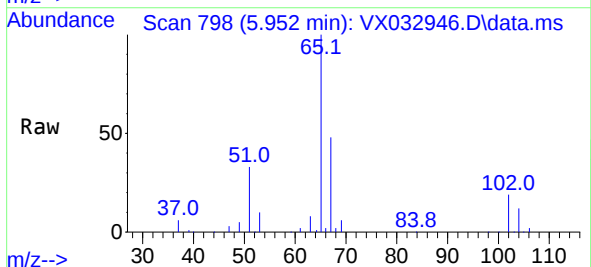


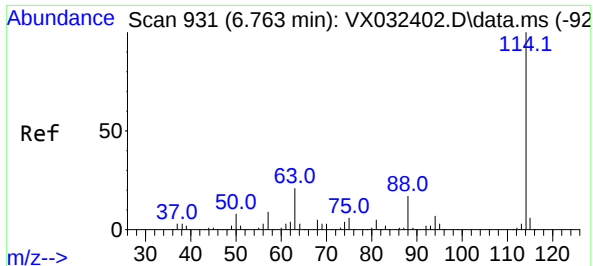
Tgt Ion: 56 Resp: 2164
Ion Ratio Lower Upper
56 100
69 156.9 24.1 36.1#
84 113.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.591 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

Tgt Ion: 65 Resp: 74846
Ion Ratio Lower Upper
65 100
67 49.1 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: VX032946.D

Acq: 21 Nov 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

TB02-20221116

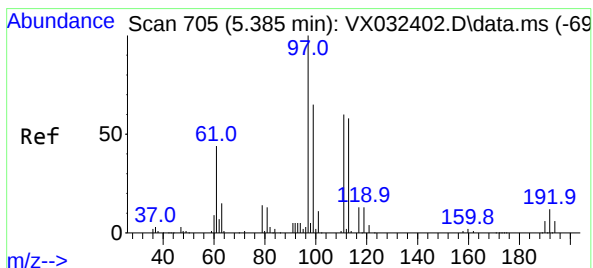
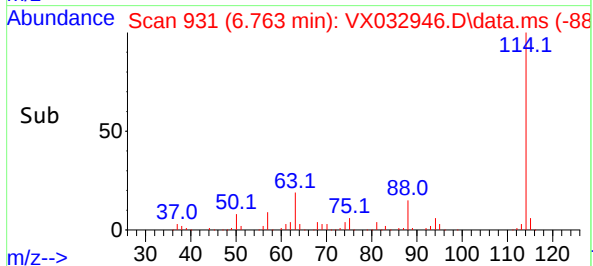
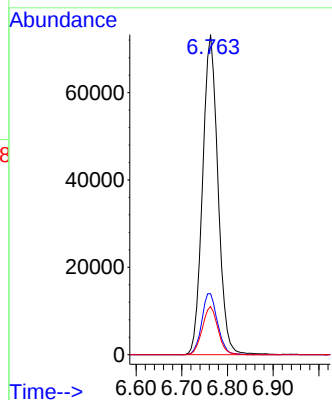
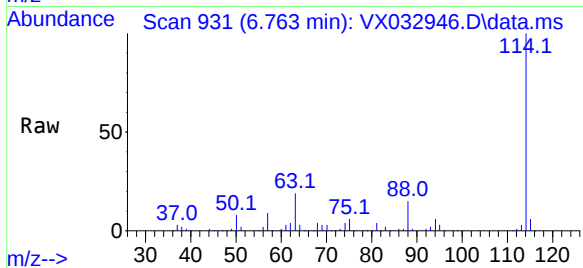
Tgt Ion:114 Resp: 171315

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.631 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032946.D

Acq: 21 Nov 2022 12:50

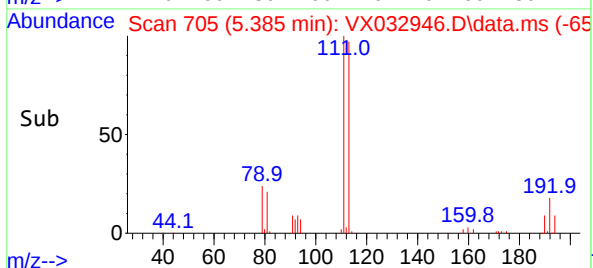
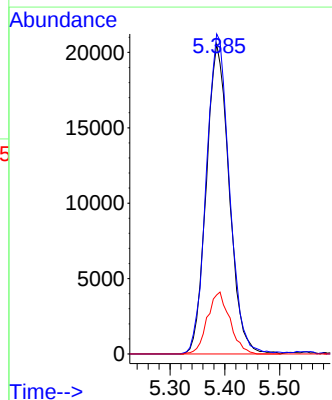
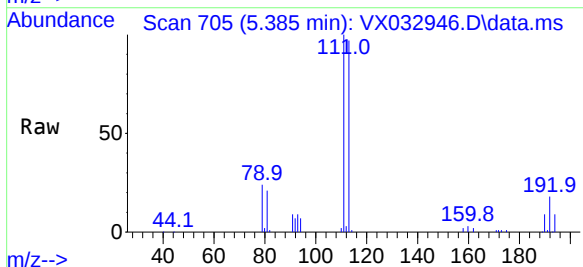
Tgt Ion:113 Resp: 59427

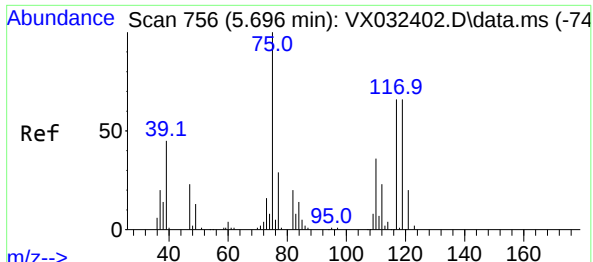
Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

192 19.7 15.4 23.2

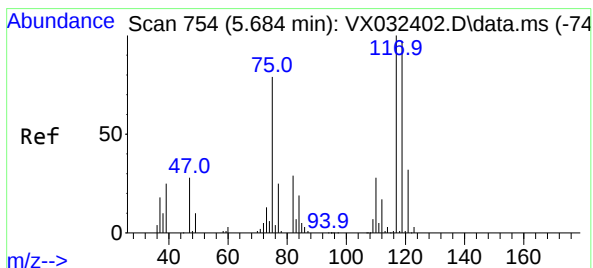
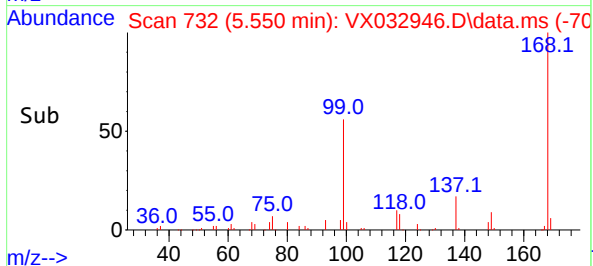
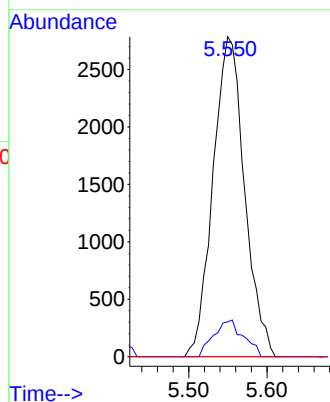
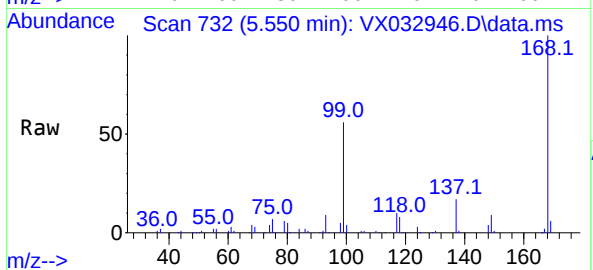




#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

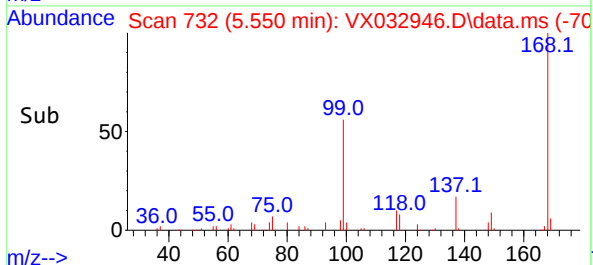
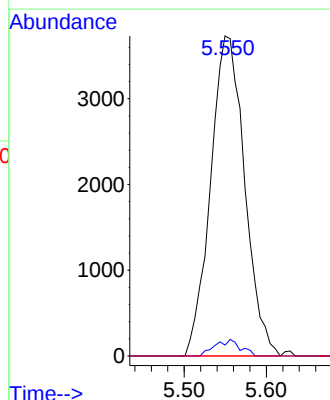
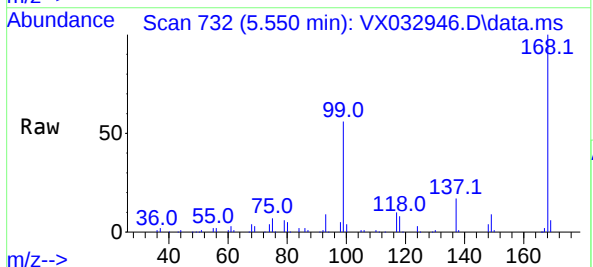
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TB02-20221116

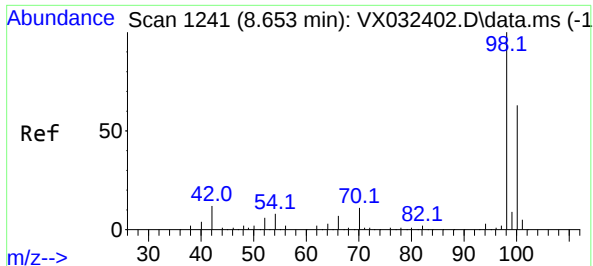
Tgt Ion: 75 Resp: 7788
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

Tgt Ion: 117 Resp: 10750
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.042 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032946.D

Acq: 21 Nov 2022 12:50

Instrument :

MSVOA_X

ClientSampleId :

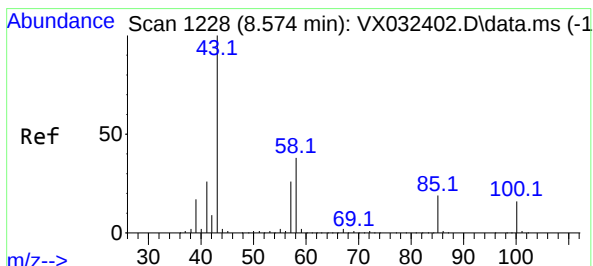
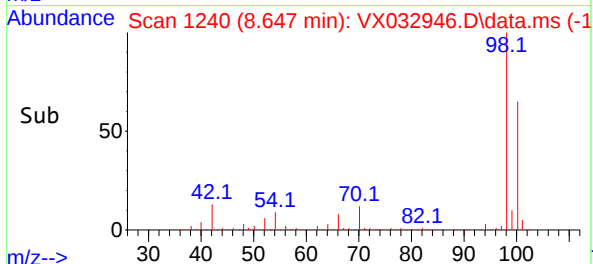
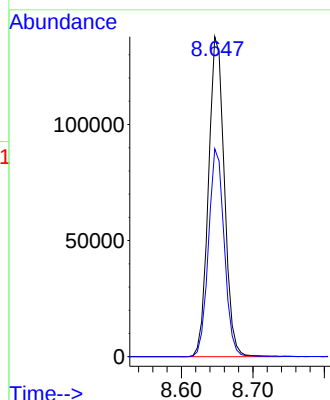
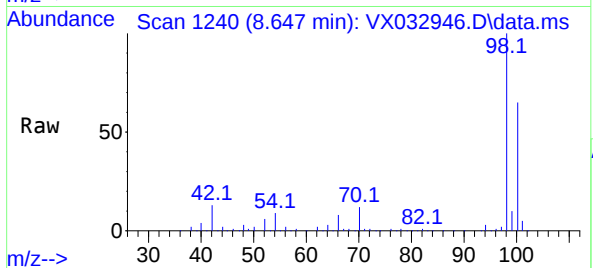
TB02-20221116

Tgt Ion: 98 Resp: 212640

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.574 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032946.D

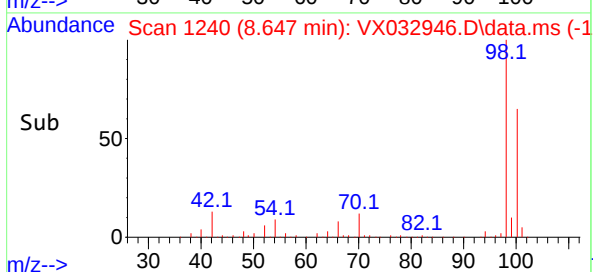
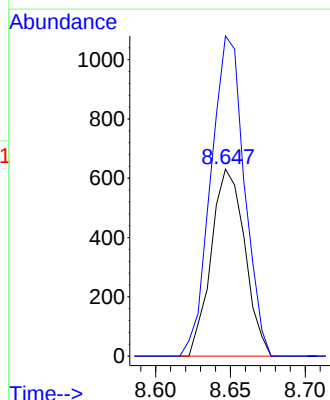
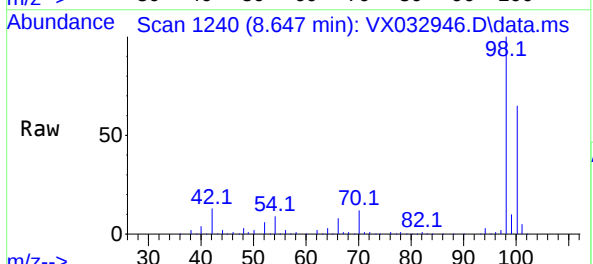
Acq: 21 Nov 2022 12:50

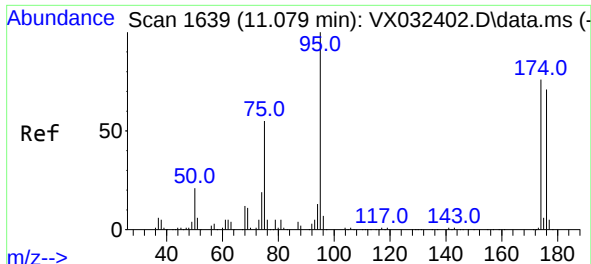
Tgt Ion: 43 Resp: 984

Ion Ratio Lower Upper

43 100

58 171.0 30.9 46.3#

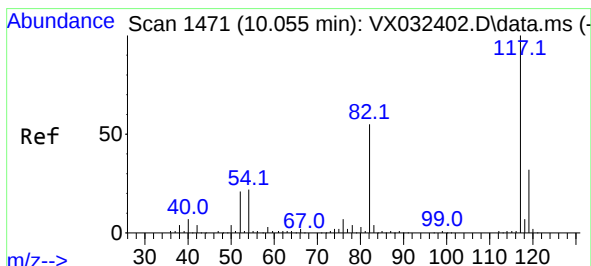
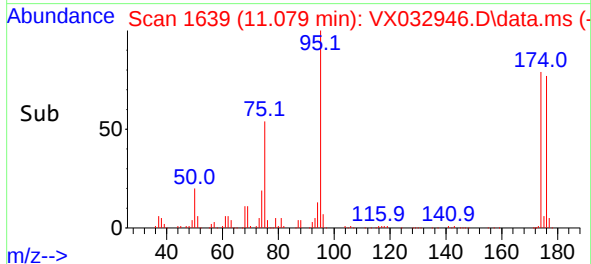
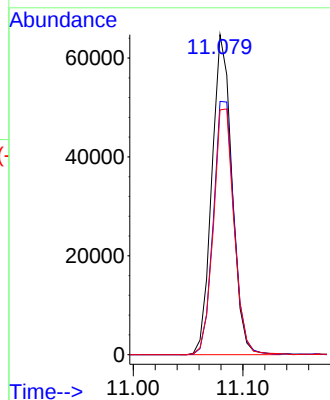
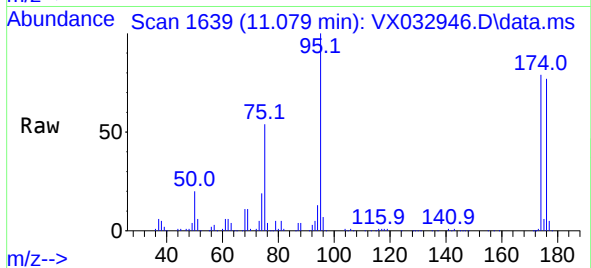




#62
4-Bromofluorobenzene
Concen: 49.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

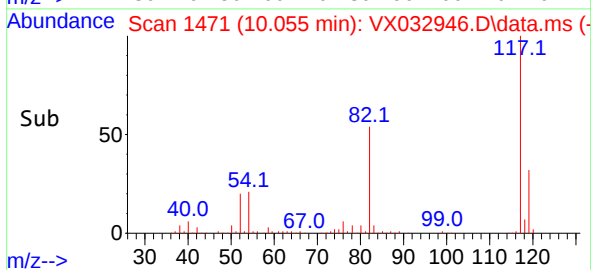
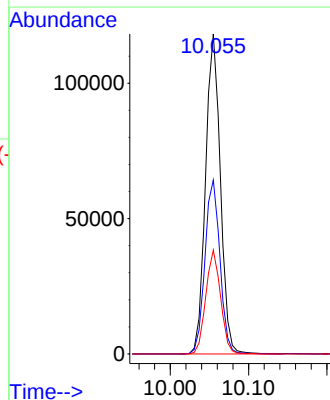
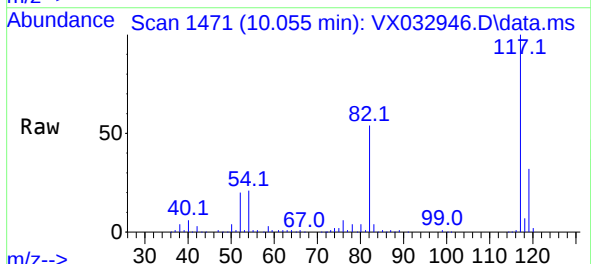
Instrument :
MSVOA_X
ClientSampleId :
TB02-20221116

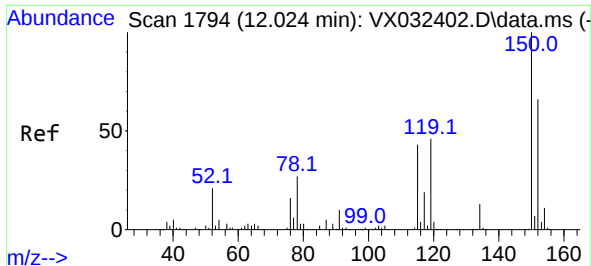
Tgt Ion: 95 Resp: 82399
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

Tgt Ion: 117 Resp: 155307
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.4 25.7 38.5

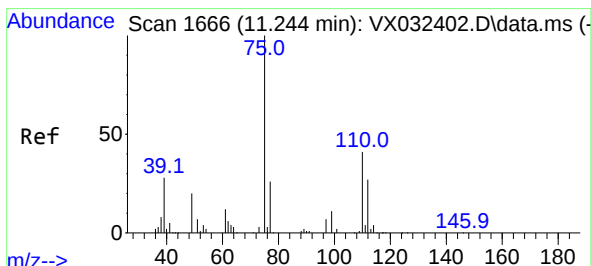
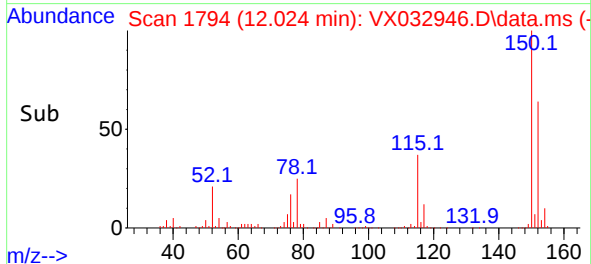
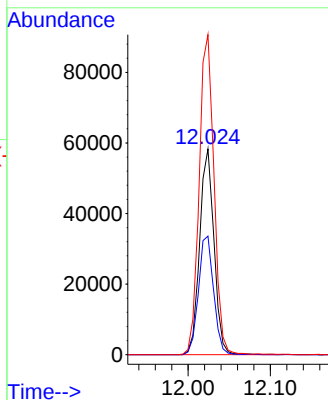
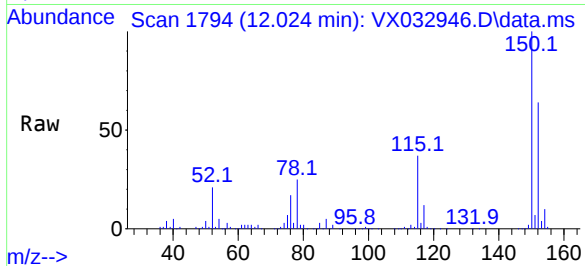




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

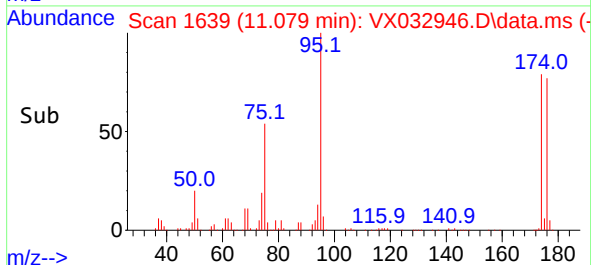
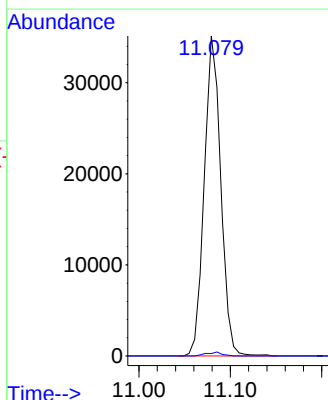
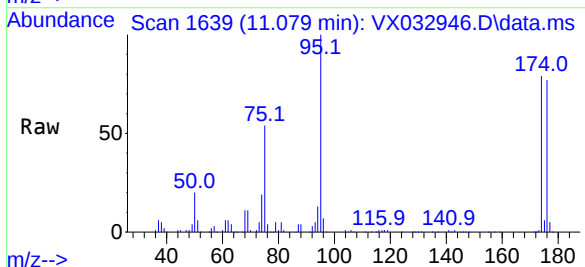
Instrument :
MSVOA_X
ClientSampleId :
TB02-20221116

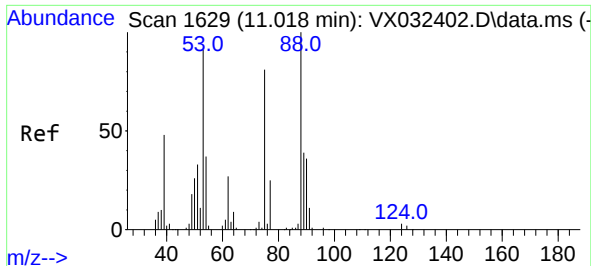
Tgt Ion:152 Resp: 70738
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 161.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032946.D
Acq: 21 Nov 2022 12:50

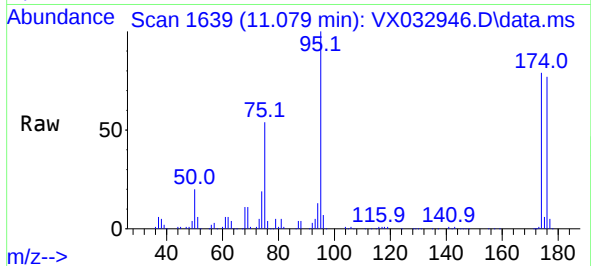
Tgt Ion: 75 Resp: 44033
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.032 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032946.D
 Acq: 21 Nov 2022 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20221116



Tgt Ion: 75 Resp: 44033
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

