

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025393.D
 Acq On : 30 Nov 2021 13:27
 Operator : JC/MD
 Sample : M4826-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-112321

Quant Time: Dec 01 02:21:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

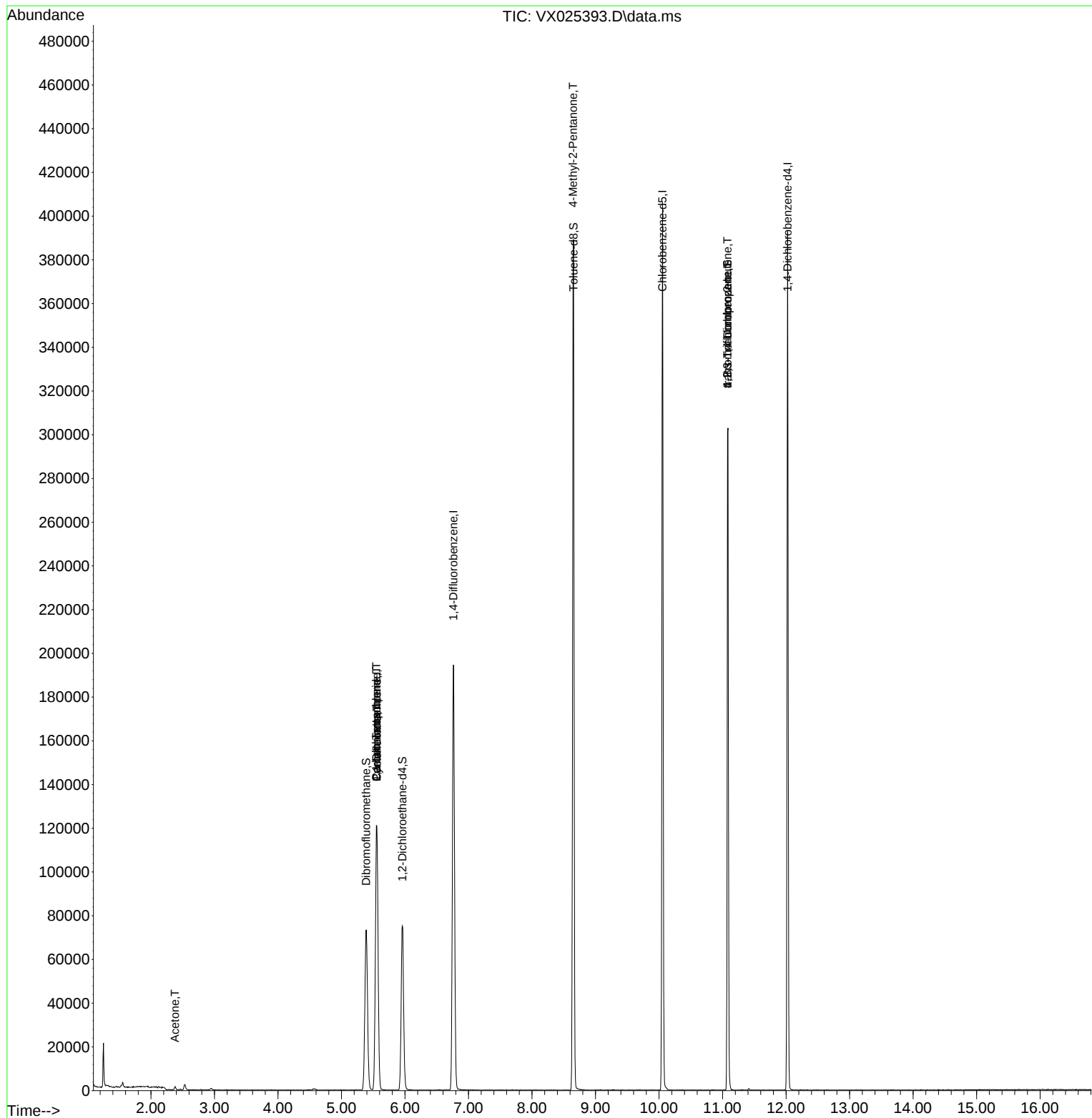
Internal Standards						
1) Pentafluorobenzene	5.556	168	127383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70476	52.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.980%	
35) Dibromofluoromethane	5.385	113	64296	50.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.653	98	239346	49.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	11.079	95	83470	45.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	520	Below Cal	#	72
16) Acetone	2.380	43	1573	2.108	ug/l	96
31) Cyclohexane	5.556	56	2418	1.165	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	8780	4.830	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11946	5.967	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	932	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40201	23.547	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40201	59.320	ug/l #	9
95) Naphthalene	13.786	128	47	Below Cal	#	69

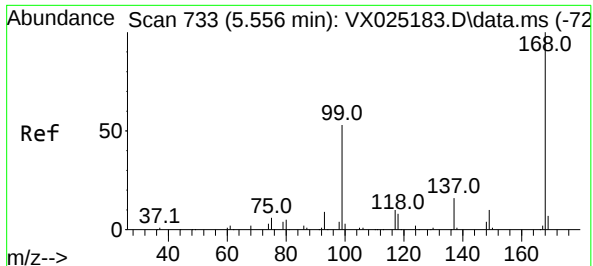
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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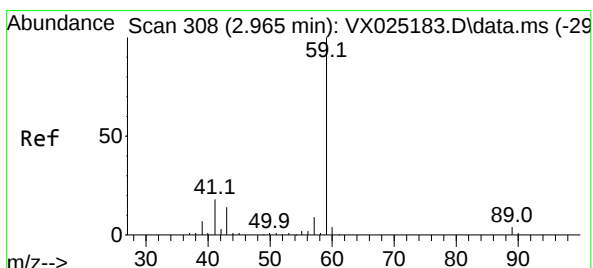
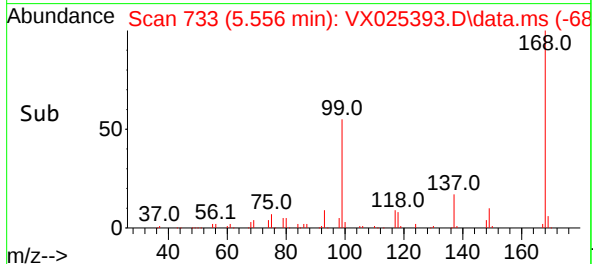
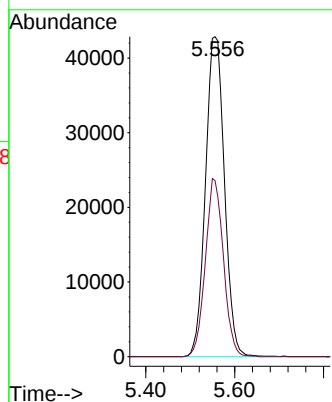
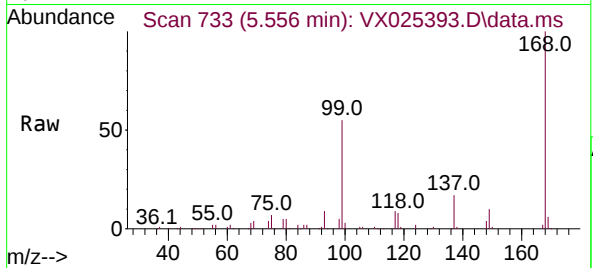




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

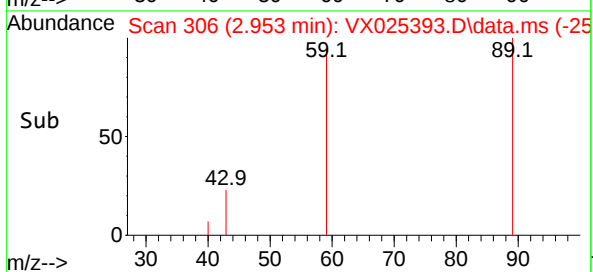
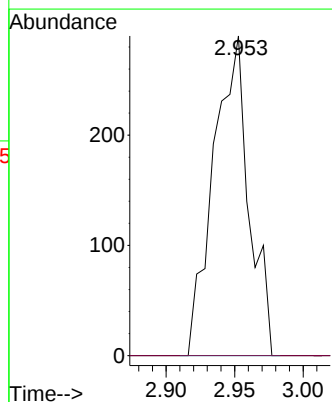
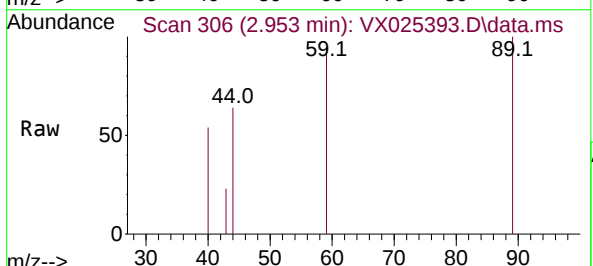
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112321

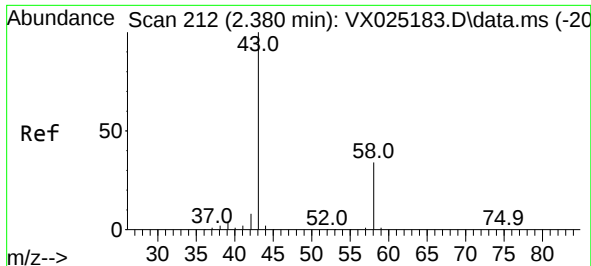
Tgt Ion:168 Resp: 127383
Ion Ratio Lower Upper
168 100
99 55.0 46.4 69.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Tgt Ion: 59 Resp: 520
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

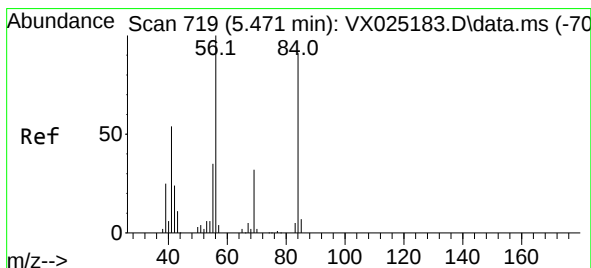
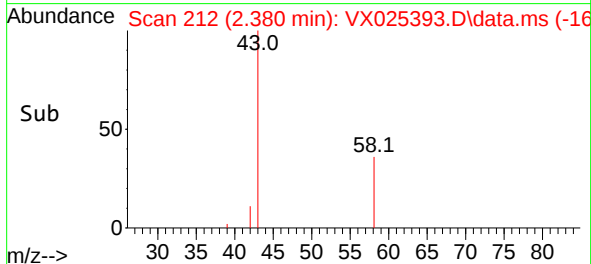
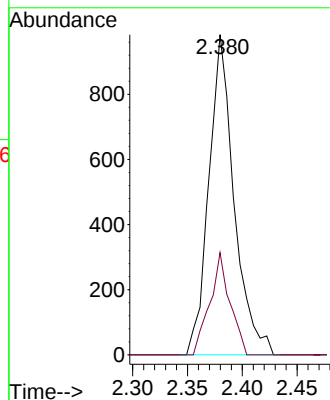
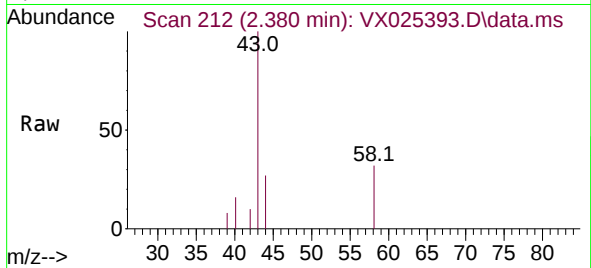




#16
Acetone
Concen: 2.108 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

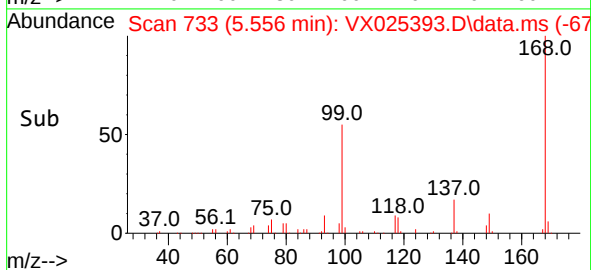
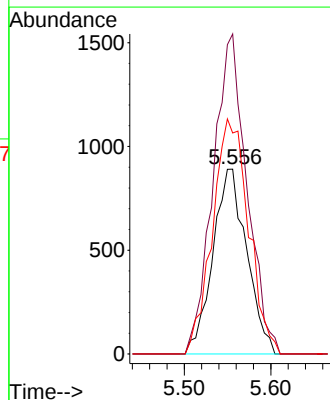
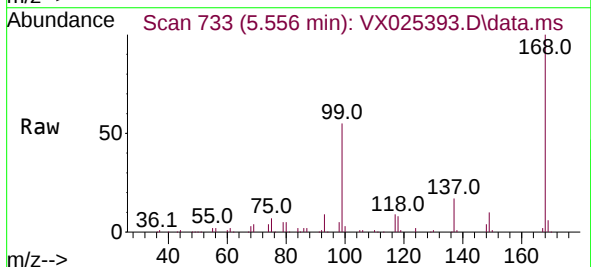
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112321

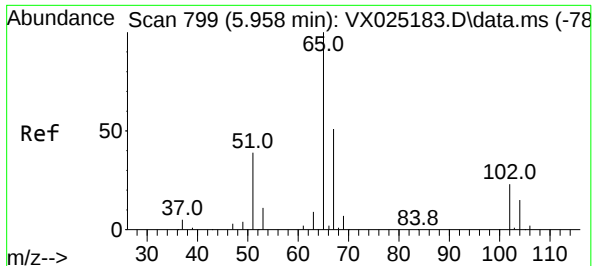
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
69 173.1 24.2 36.2#
84 126.4 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 52.488 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

Instrument :

MSVOA_X

ClientSampleId :

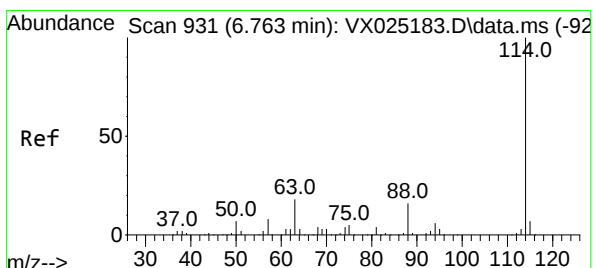
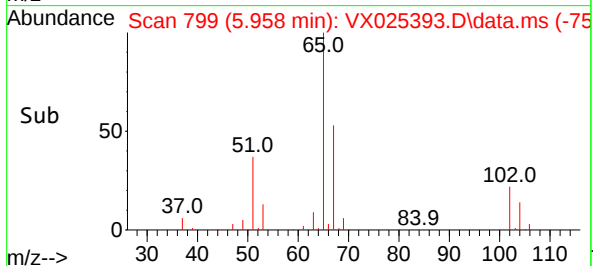
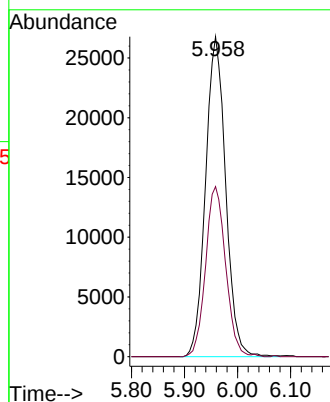
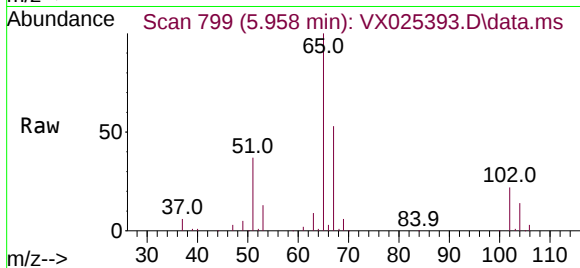
TB-01-112321

Tgt Ion: 65 Resp: 70476

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

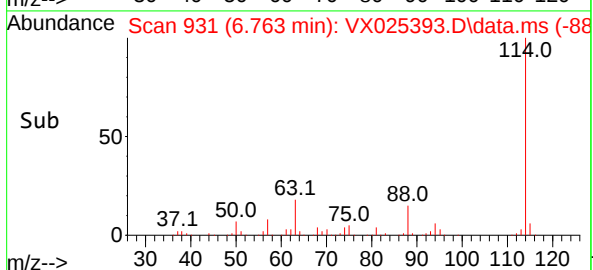
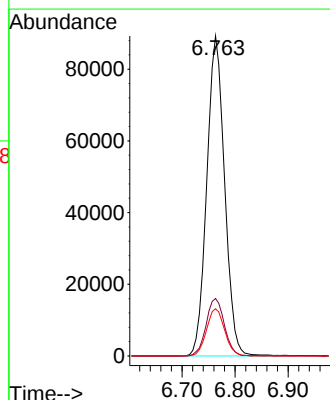
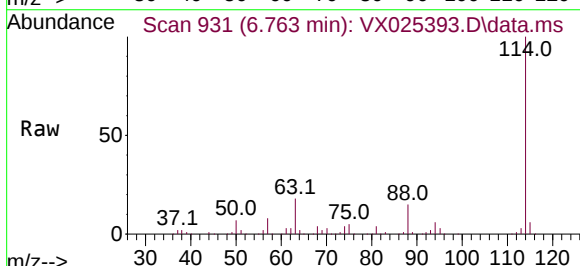
Tgt Ion: 114 Resp: 208349

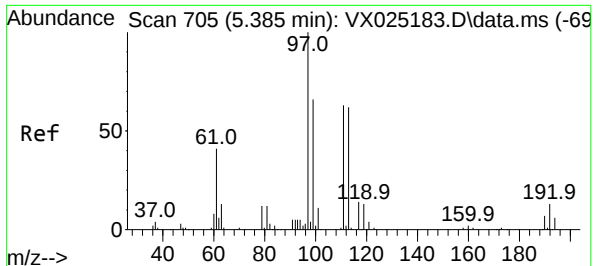
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.296 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

Instrument :

MSVOA_X

ClientSampleId :

TB-01-112321

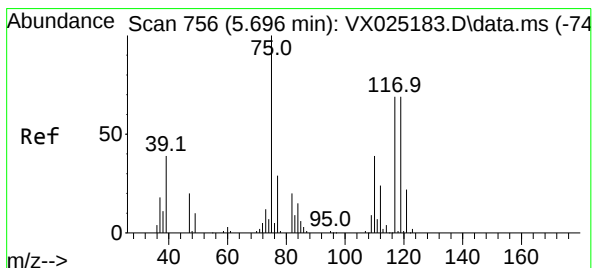
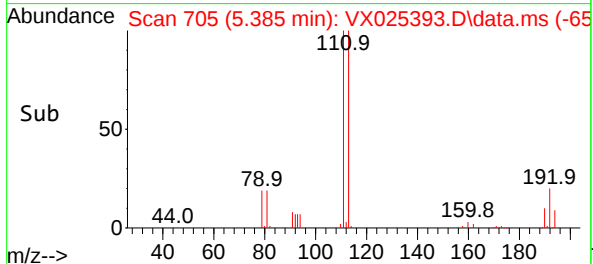
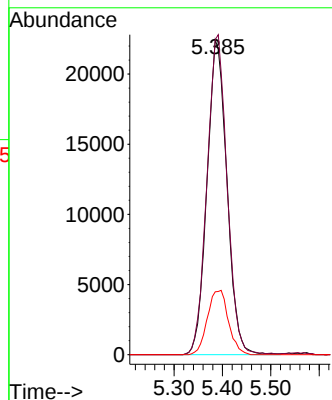
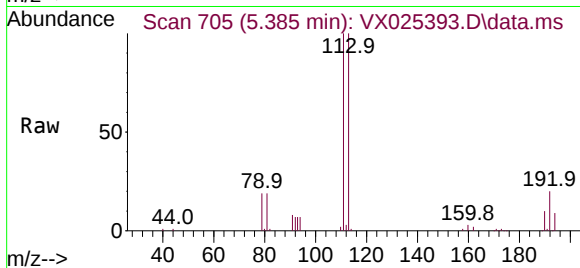
Tgt Ion:113 Resp: 64296

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 21.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

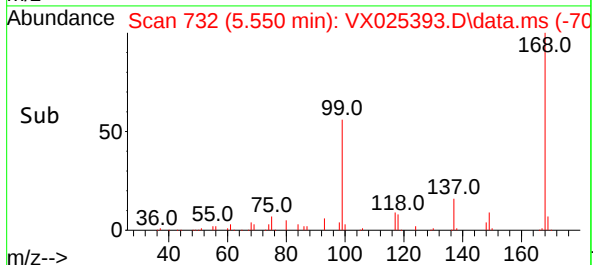
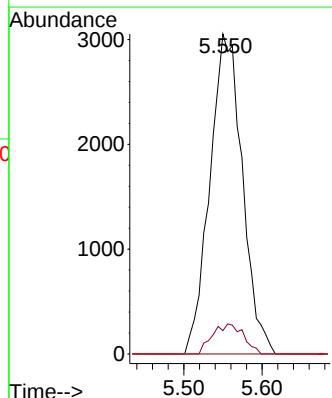
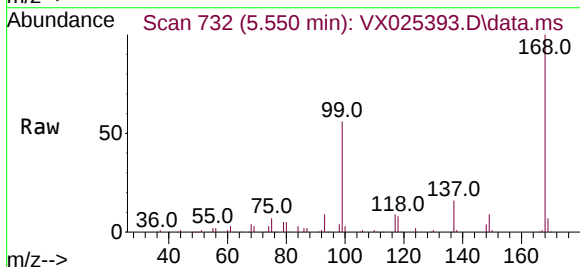
Tgt Ion: 75 Resp: 8780

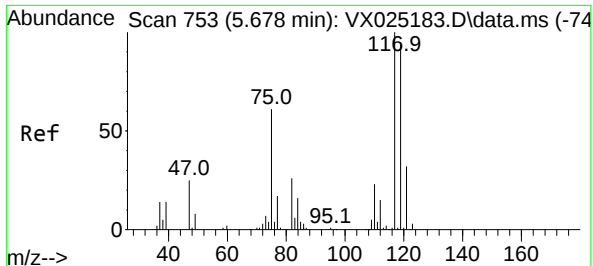
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

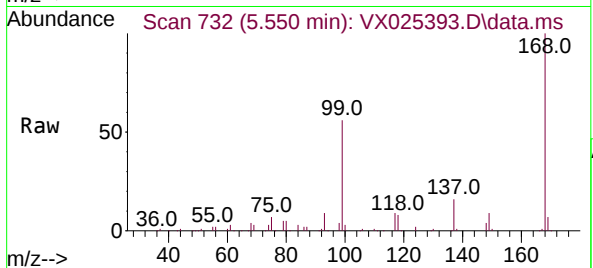
77 0.0 24.4 36.6#



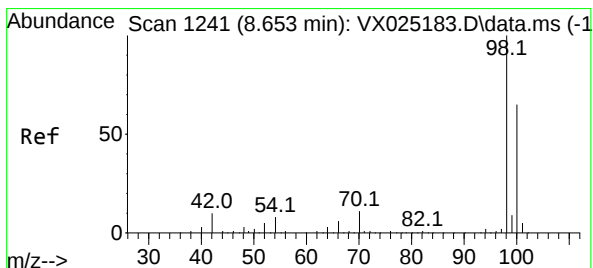
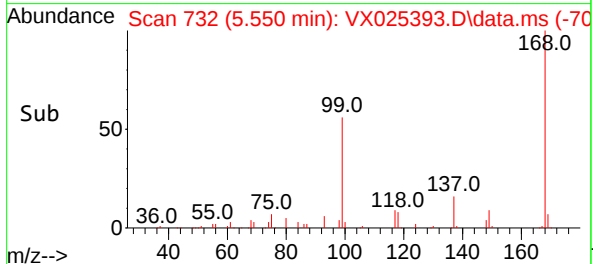
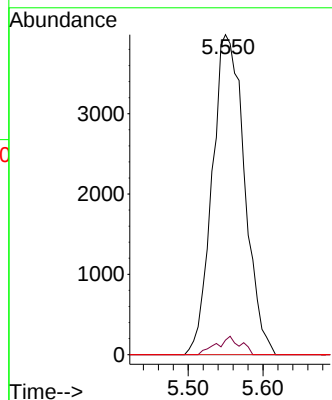


#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Instrument :
MSVOA_X
ClientSampleId :
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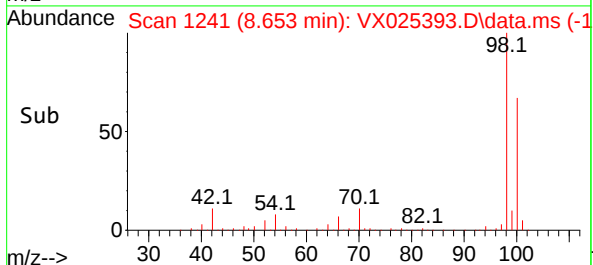
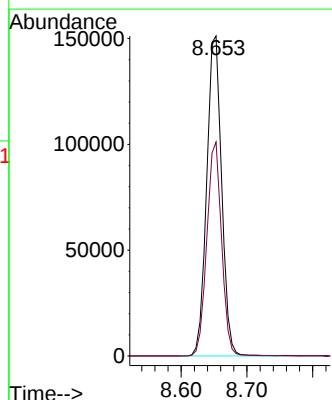
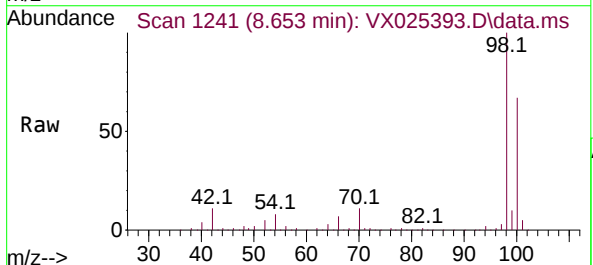


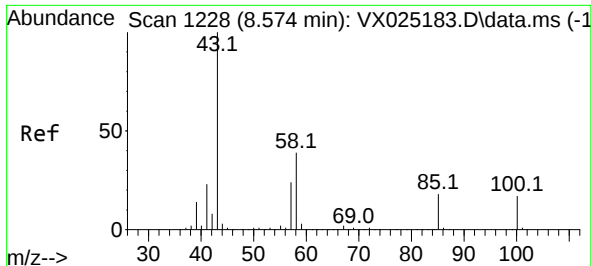
Tgt Ion:117 Resp: 11946
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Tgt Ion: 98 Resp: 239346
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.432 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

Instrument :

MSVOA_X

ClientSampleId :

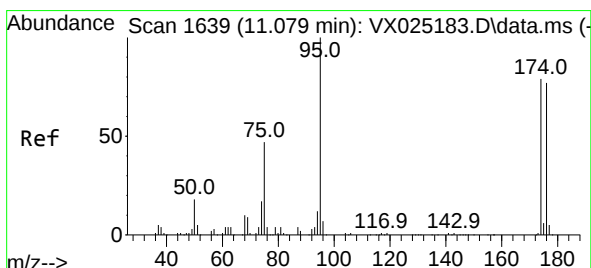
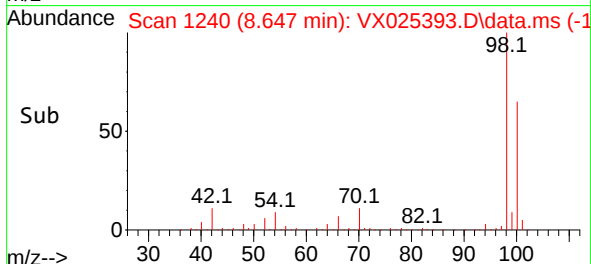
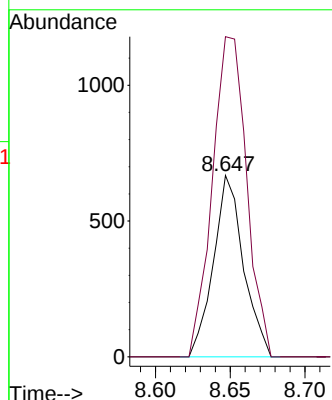
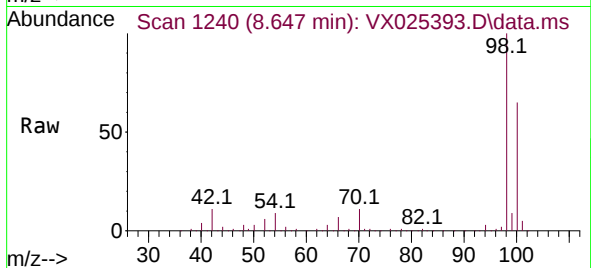
TB-01-112321

Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 201.5 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.905 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025393.D

Acq: 30 Nov 2021 13:27

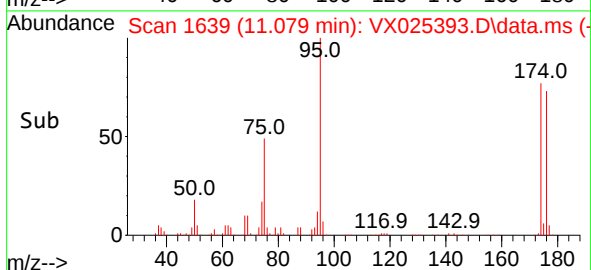
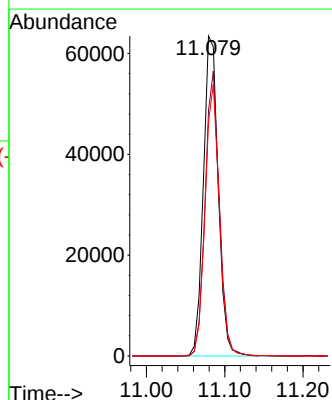
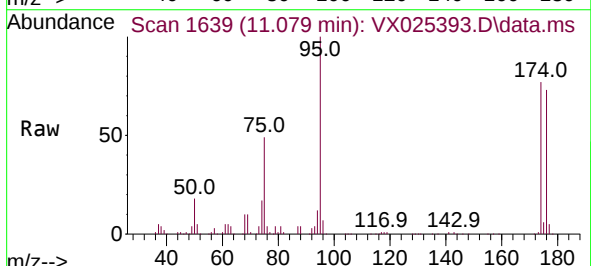
Tgt Ion: 95 Resp: 83470

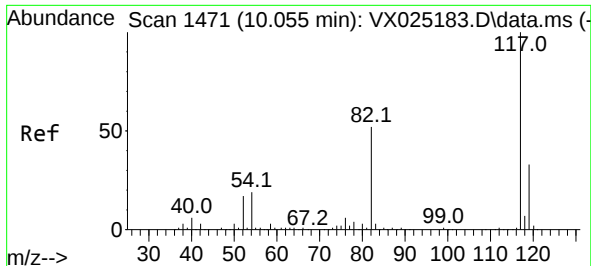
Ion Ratio Lower Upper

95 100

174 85.3 0.0 158.0

176 81.8 0.0 153.6

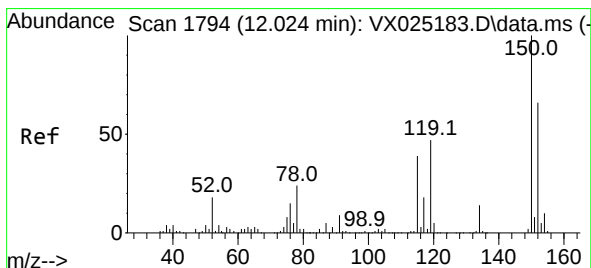
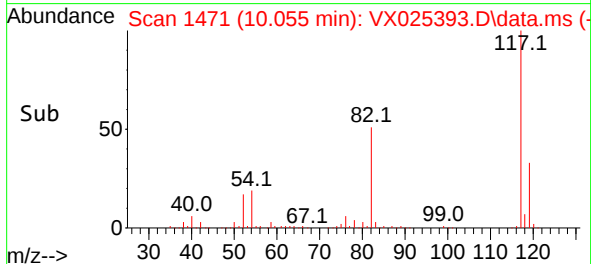
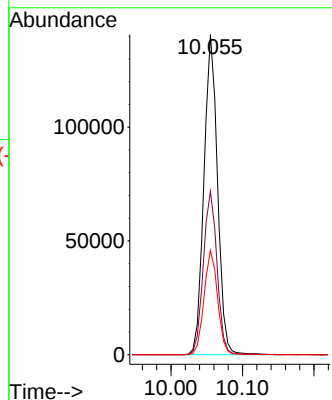
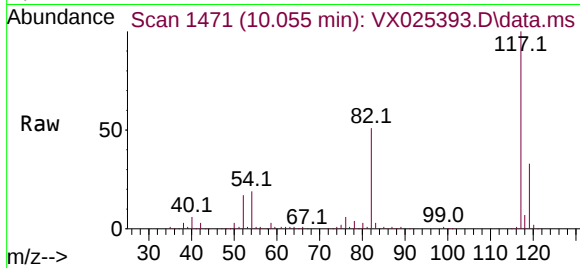




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

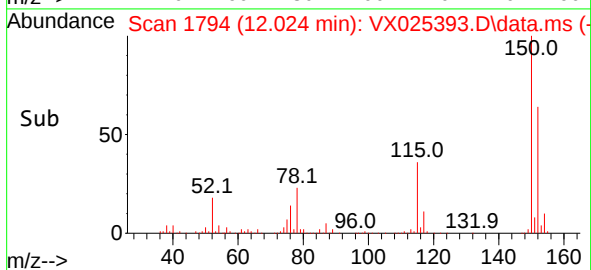
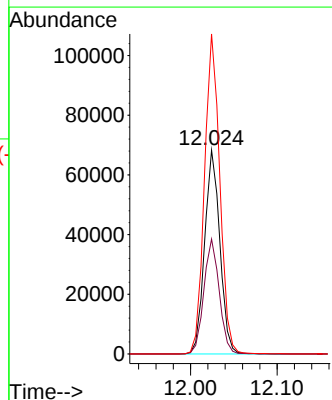
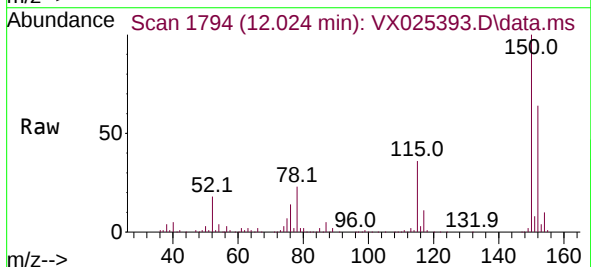
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112321

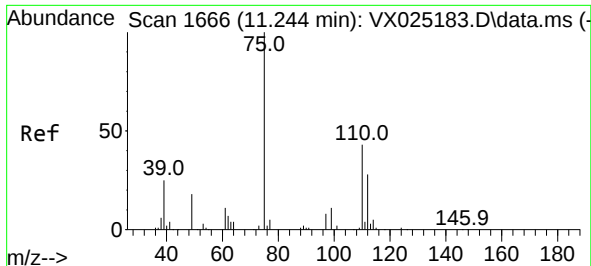
Tgt Ion:117 Resp: 186079
Ion Ratio Lower Upper
117 100
82 51.1 44.6 67.0
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Tgt Ion:152 Resp: 83370
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 157.8 0.0 351.2

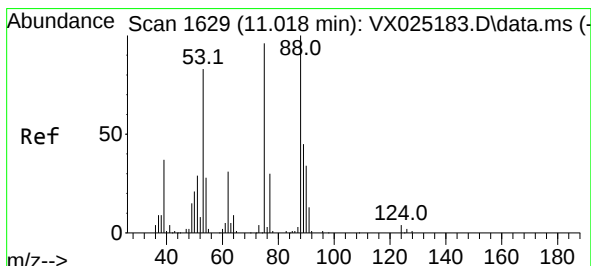
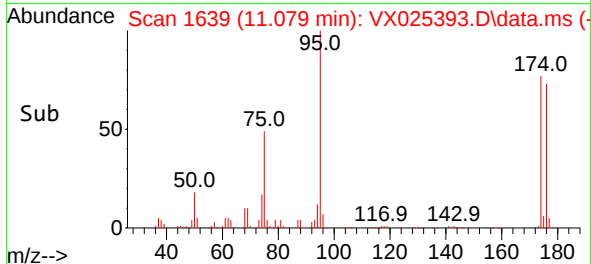
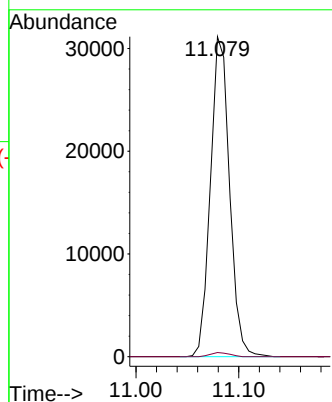
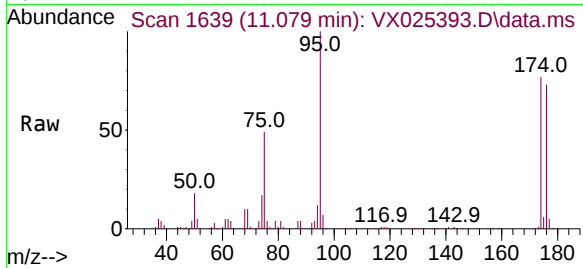




#76
1,2,3-Trichloropropane
Concen: 23.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

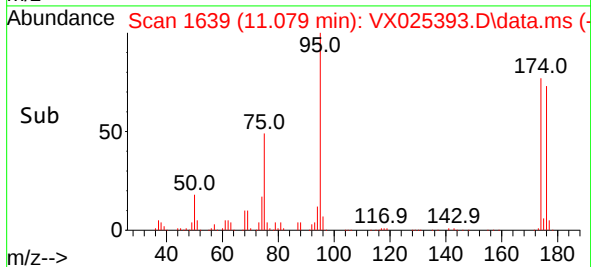
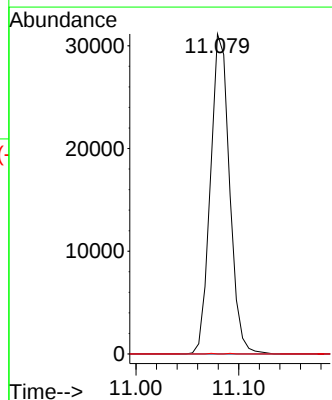
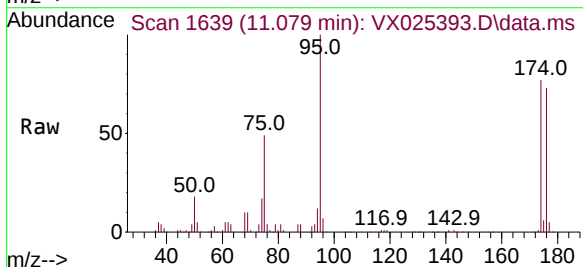
Instrument :
MSVOA_X
ClientSampleId :
TB-01-112321

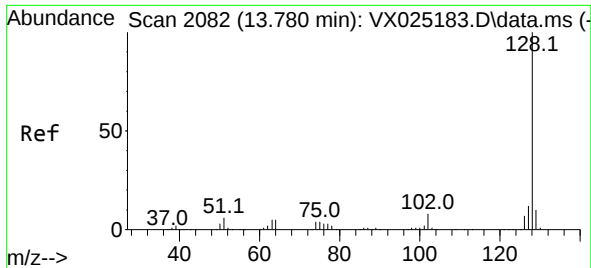
Tgt Ion: 75 Resp: 40201
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025393.D
Acq: 30 Nov 2021 13:27

Tgt Ion: 75 Resp: 40201
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.1 38.2 57.2#





#95

Naphthalene

Concen: Below Cal

RT: 13.786 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX025393.D

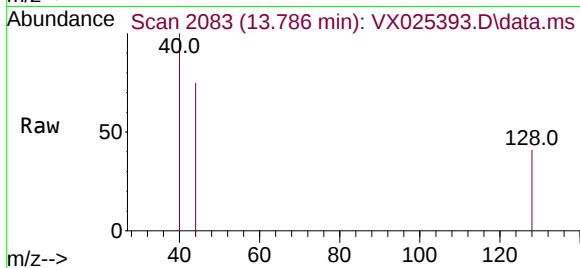
Acq: 30 Nov 2021 13:27

Instrument :

MSVOA_X

ClientSampleId :

TB-01-112321



Tgt Ion:128 Resp: 47

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

