

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025335.D
 Acq On : 24 Nov 2021 18:32
 Operator : JC/MD
 Sample : M4831-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:38:03 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)

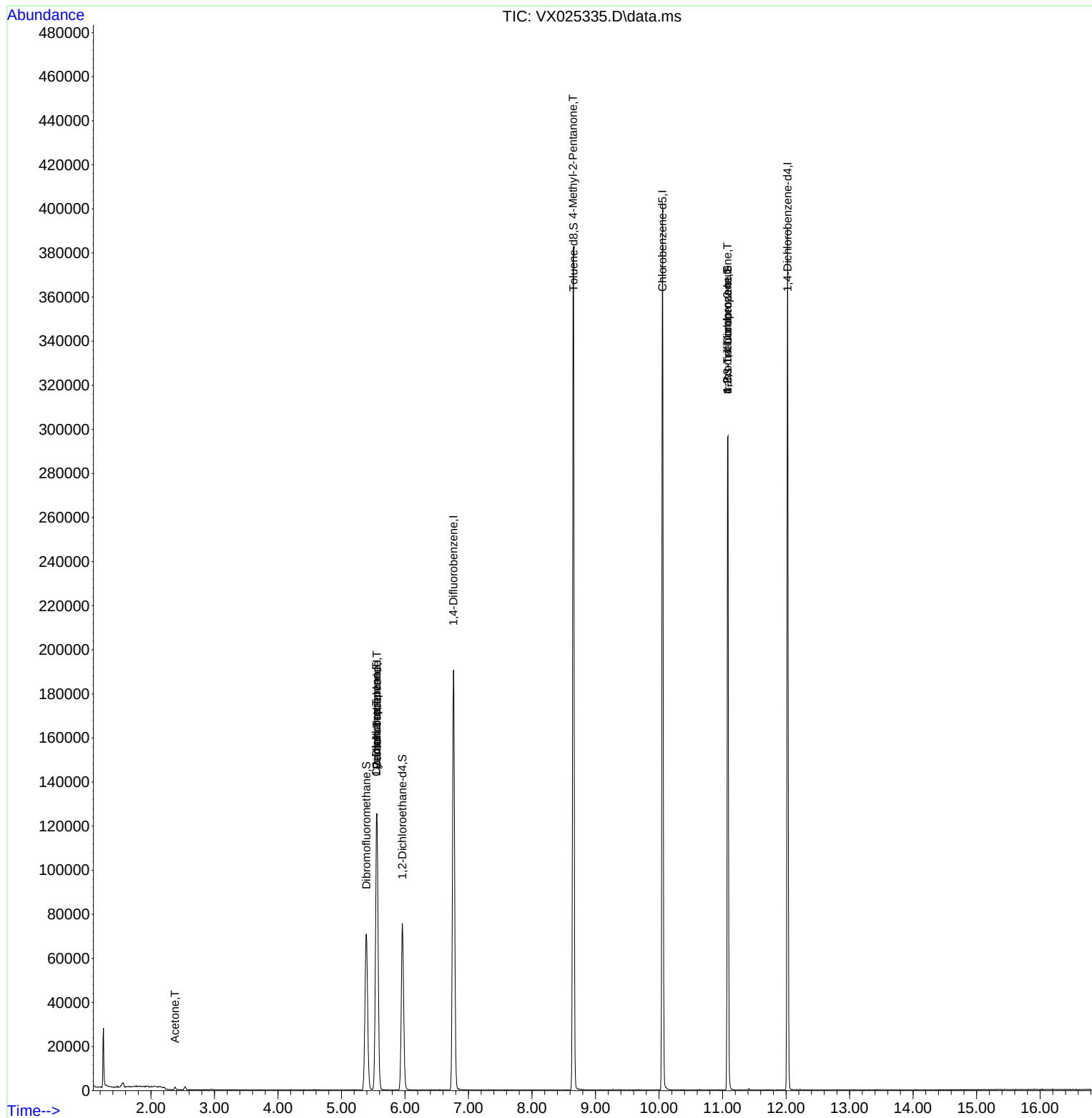
Internal Standards						
1) Pentafluorobenzene	5.556	168	129581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68386	50.068	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.391	113	61083	48.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.660%	
50) Toluene-d8	8.653	98	233897	49.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	11.079	95	82318	46.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	168	Below Cal	#	72
16) Acetone	2.380	43	1195	1.575	ug/l	95
31) Cyclohexane	5.550	56	2132	1.010	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	8668	4.873	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12051	6.150	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1017	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40056	23.848	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40056	60.077	ug/l #	9
95) Naphthalene	13.780	128	72	Below Cal	#	69

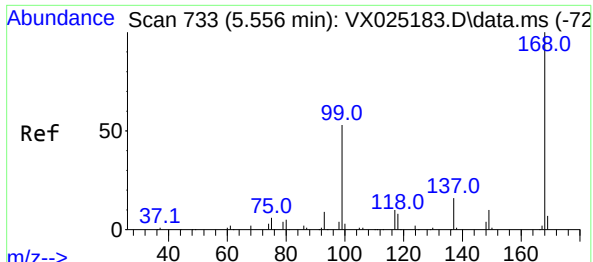
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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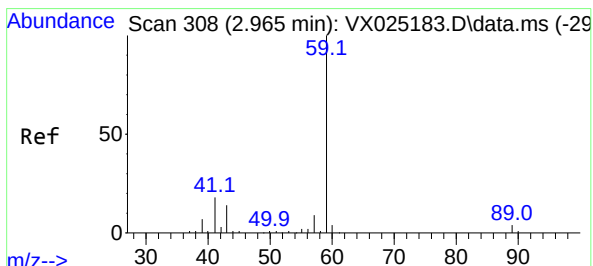
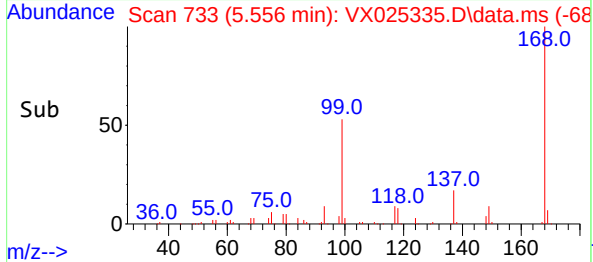
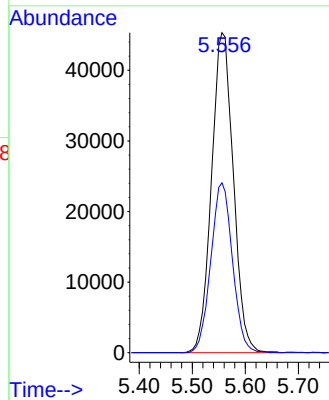
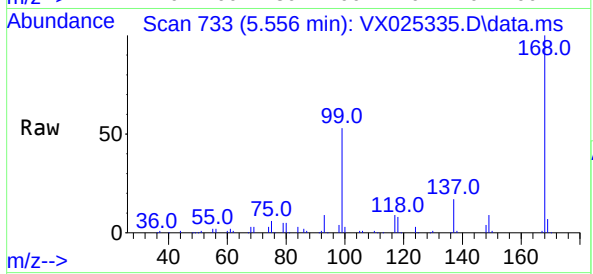




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

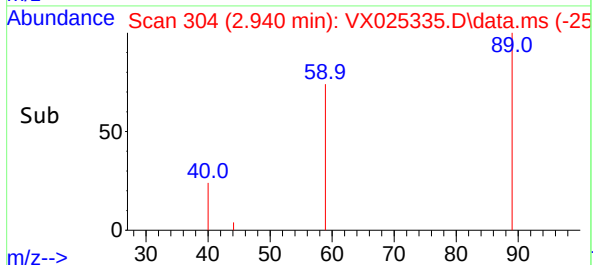
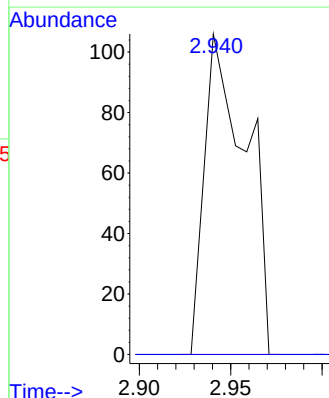
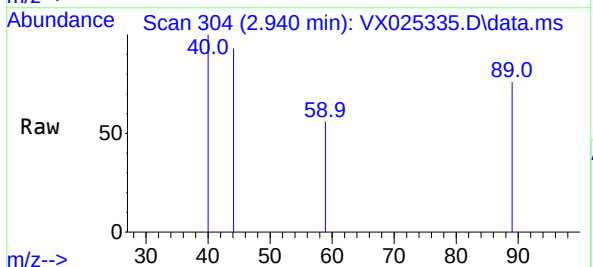
Instrument :
MSVOA_X
ClientSampleId :

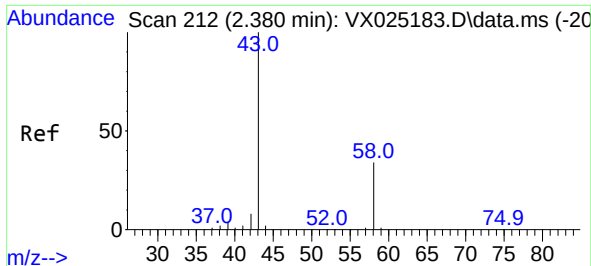
Tgt Ion:168 Resp: 129581
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

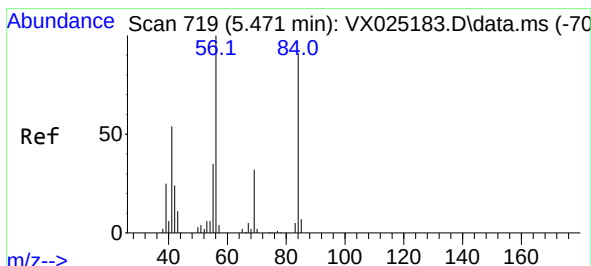
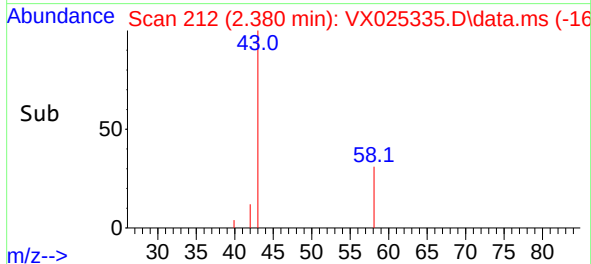
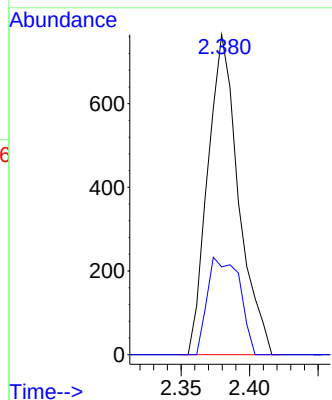
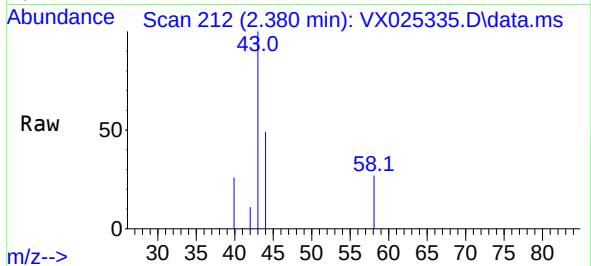




#16
Acetone
Concen: 1.575 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

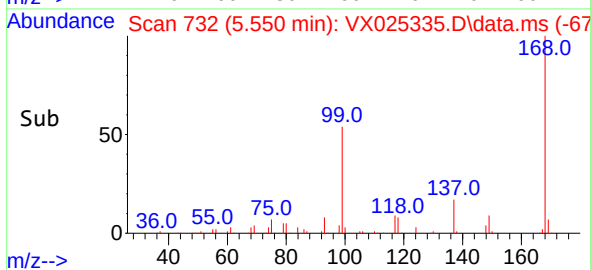
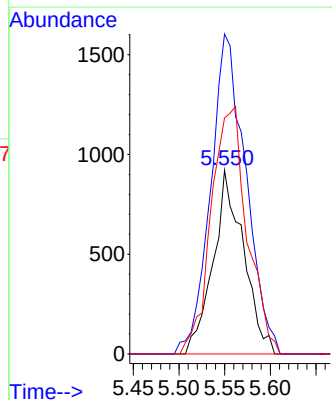
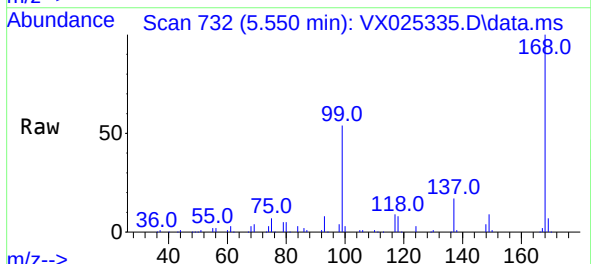
Instrument :
MSVOA_X
ClientSampleId :

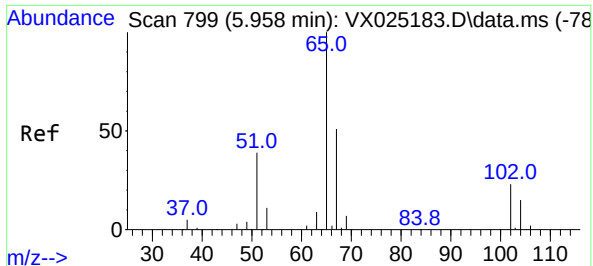
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Tgt Ion: 56 Resp: 2132
Ion Ratio Lower Upper
56 100
69 174.2 24.2 36.2#
84 128.4 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 50.068 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025335.D

Acq: 24 Nov 2021 18:32

Instrument :

MSVOA_X

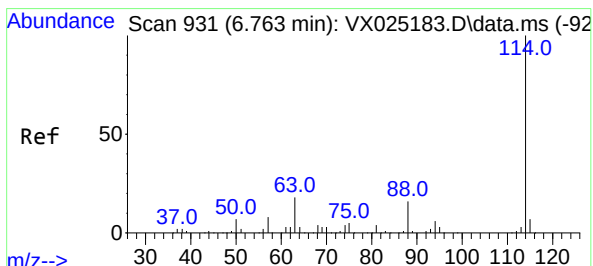
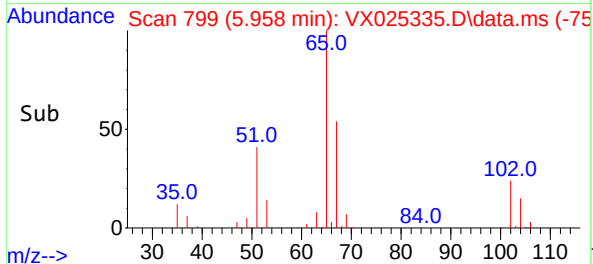
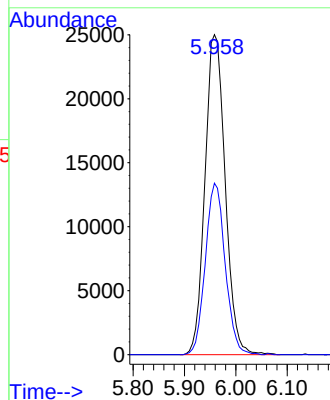
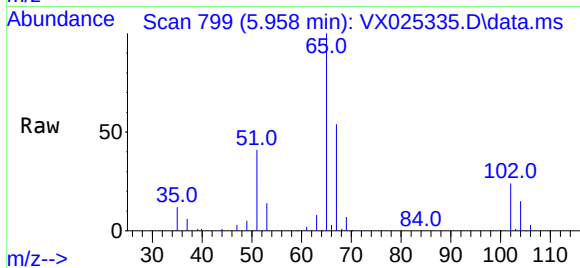
ClientSampleId :

Tgt Ion: 65 Resp: 68386

Ion Ratio Lower Upper

65 100

67 52.6 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: VX025335.D

Acq: 24 Nov 2021 18:32

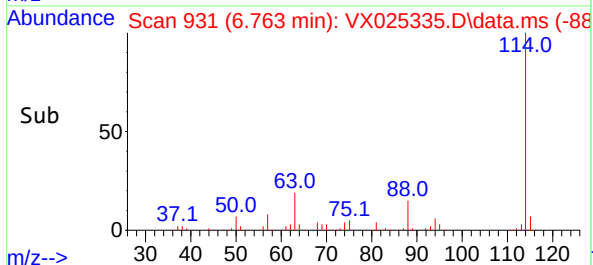
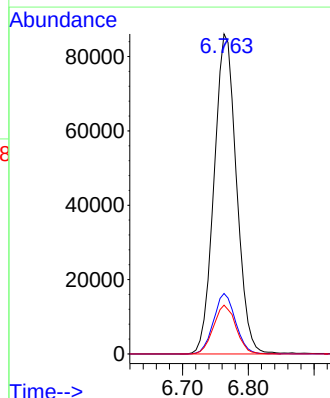
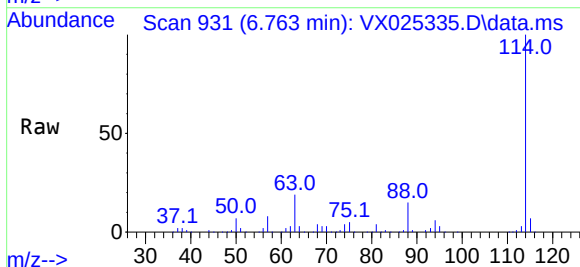
Tgt Ion: 114 Resp: 203898

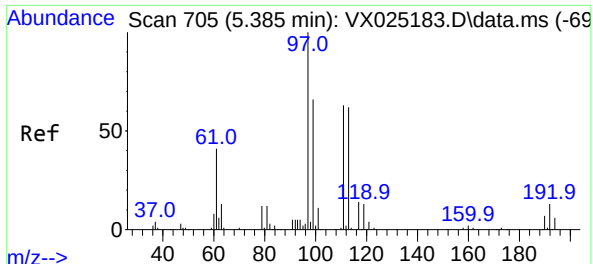
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025335.D

Acq: 24 Nov 2021 18:32

Instrument :

MSVOA_X

ClientSampleId :

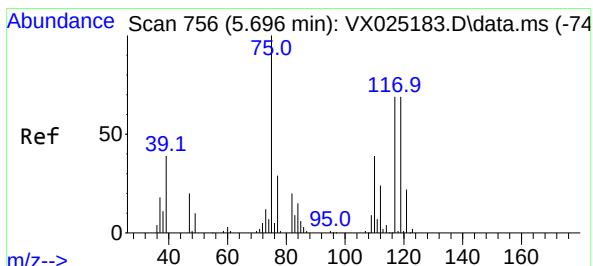
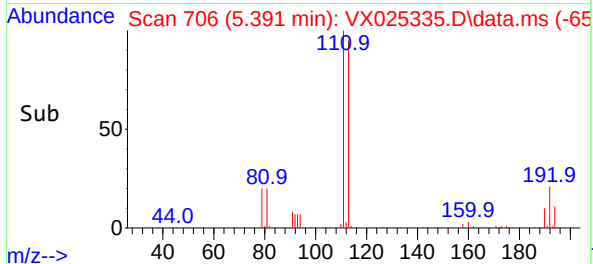
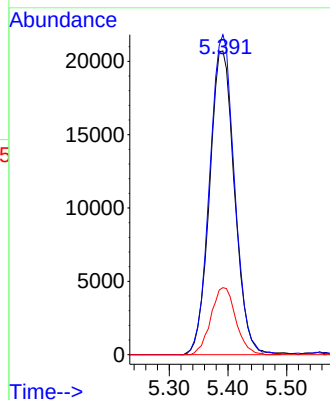
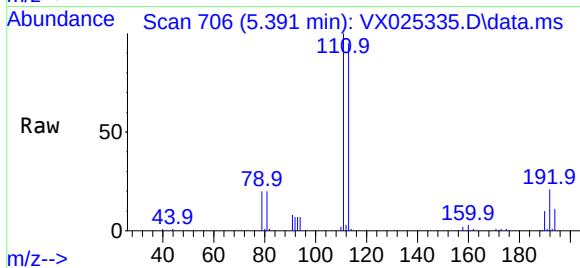
Tgt Ion:113 Resp: 61083

Ion Ratio Lower Upper

113 100

111 104.6 82.1 123.1

192 22.0 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.873 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025335.D

Acq: 24 Nov 2021 18:32

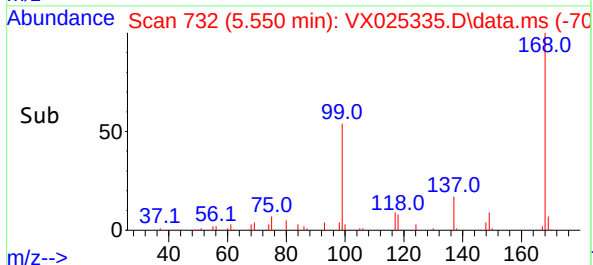
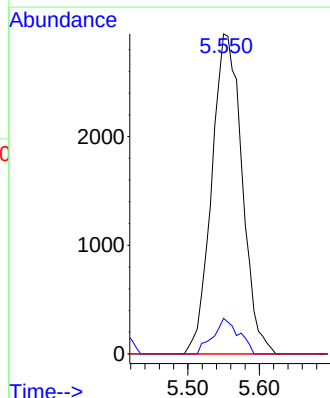
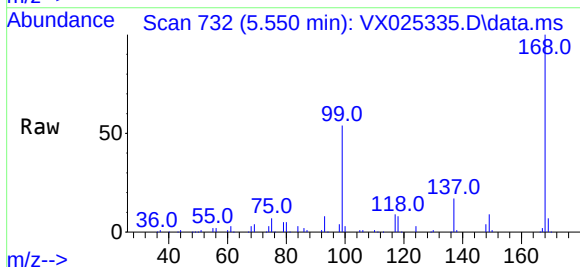
Tgt Ion: 75 Resp: 8668

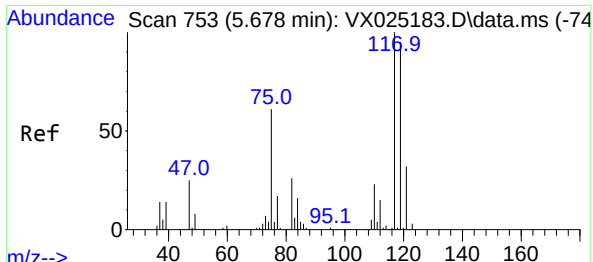
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

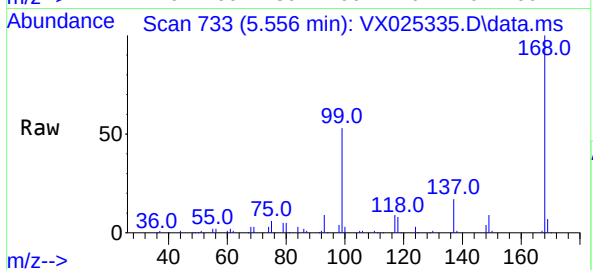
77 0.0 24.4 36.6#



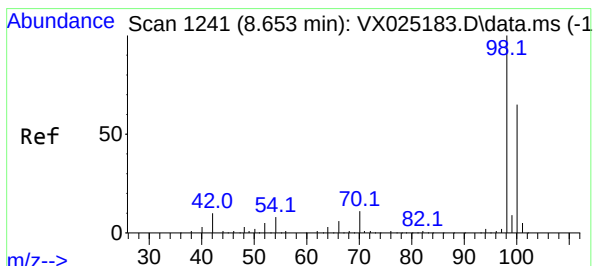
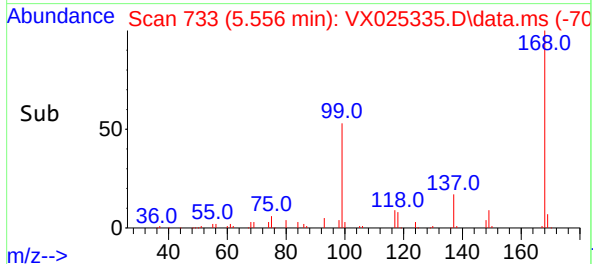
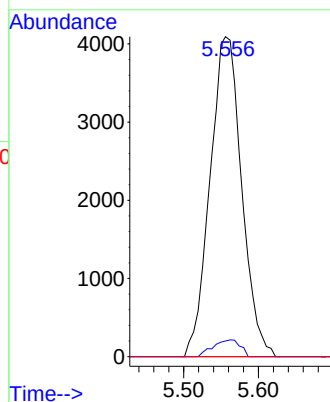


#38
Carbon Tetrachloride
Concen: 6.150 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Instrument :
MSVOA_X
ClientSampleId :

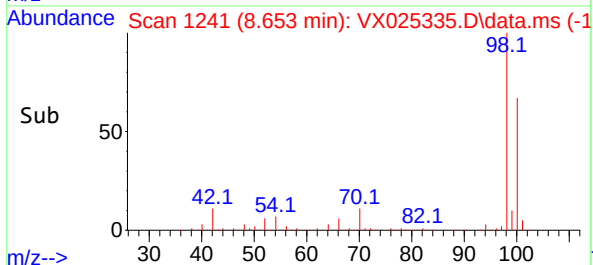
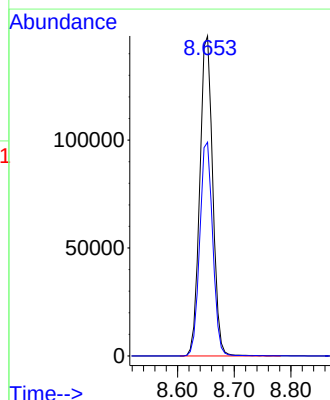
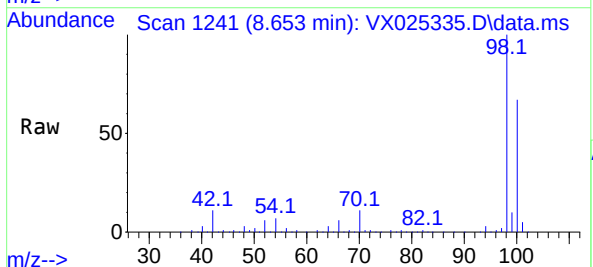


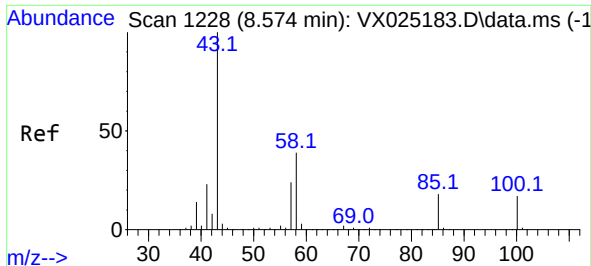
Tgt Ion:117 Resp: 12051
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Tgt Ion: 98 Resp: 233897
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0

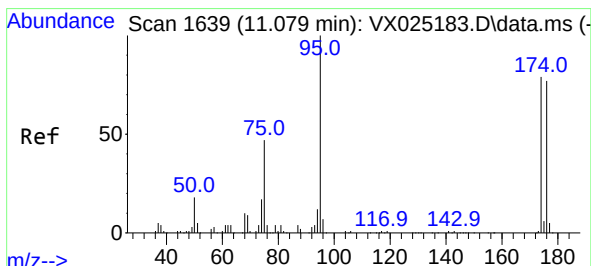
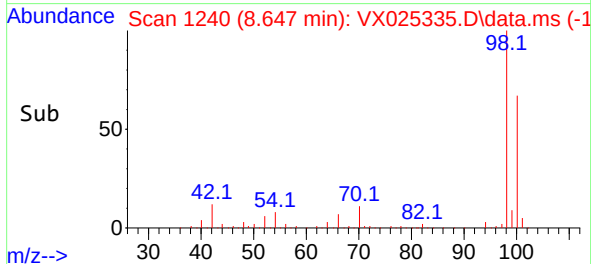
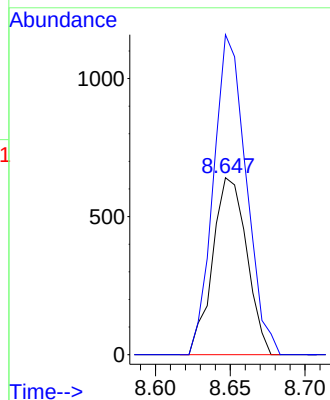
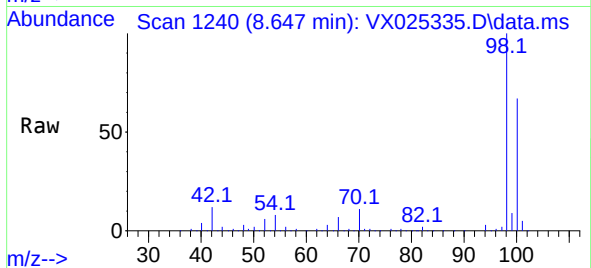




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

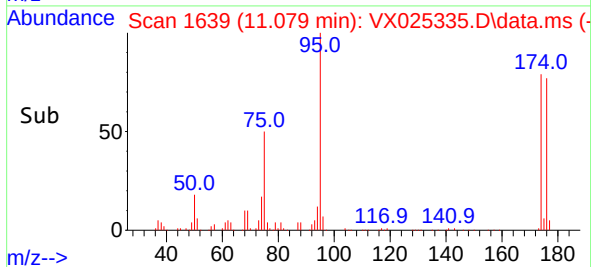
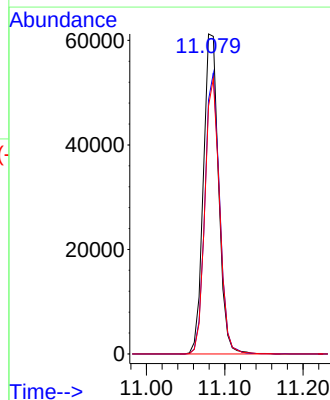
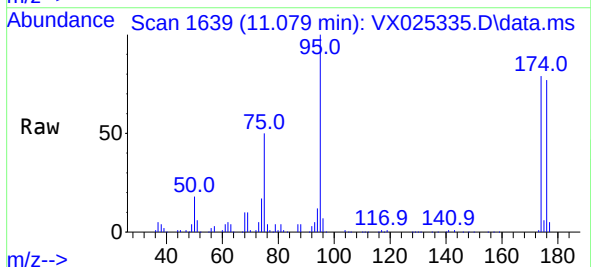
Instrument :
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ClientSampleId :

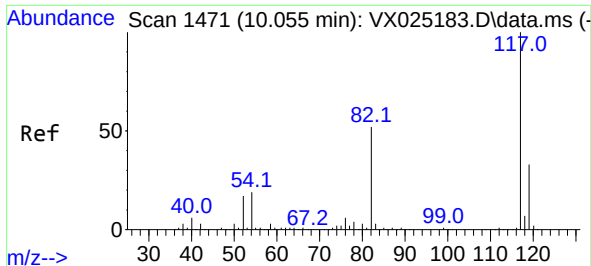
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 173.5 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Tgt Ion: 95 Resp: 82318
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 83.3 0.0 153.6

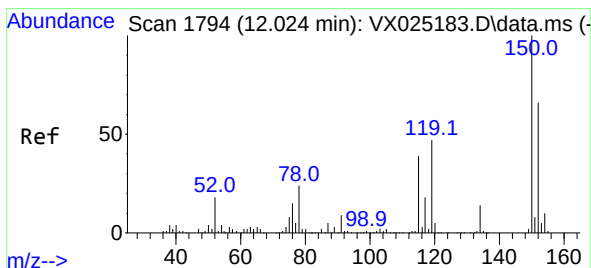
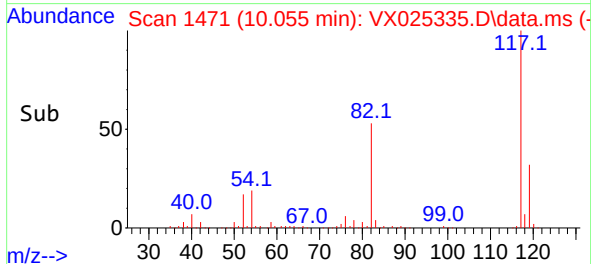
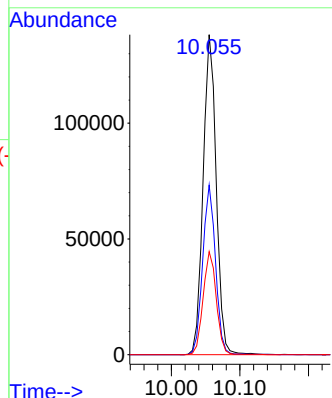
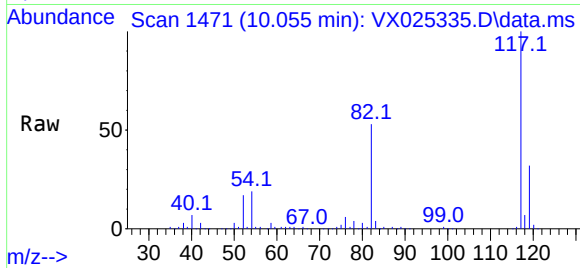




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

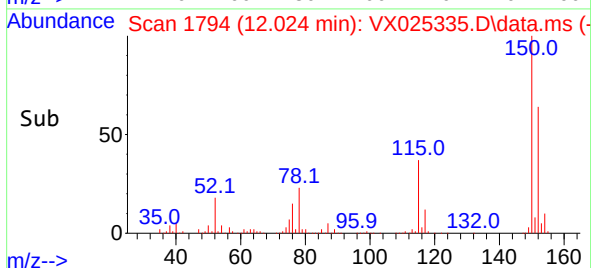
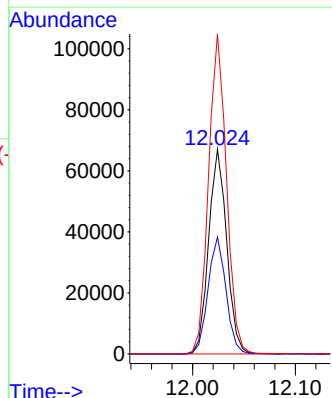
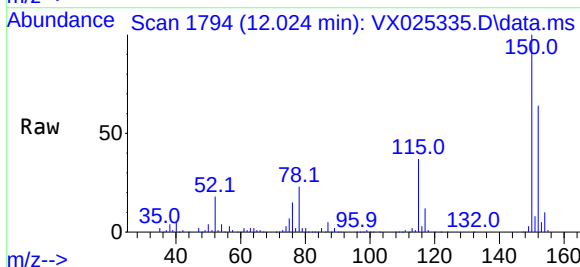
Instrument :
MSVOA_X
ClientSampleId :

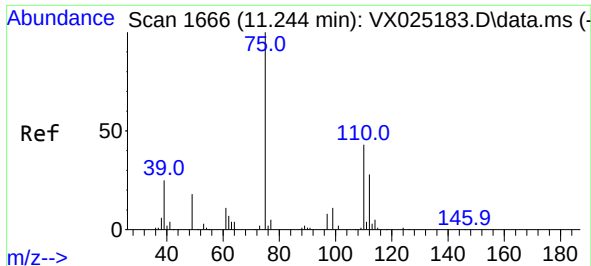
Tgt Ion:117 Resp: 184597
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Tgt Ion:152 Resp: 82022
Ion Ratio Lower Upper
152 100
115 56.8 43.3 129.8
150 155.5 0.0 351.2

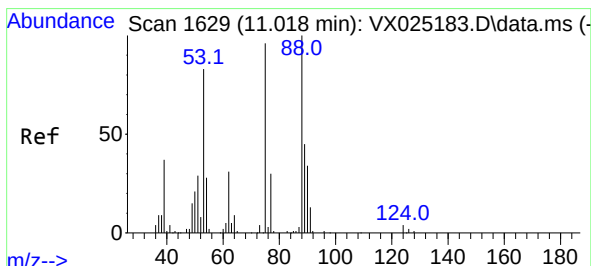
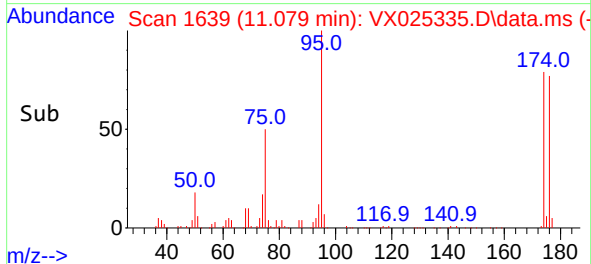
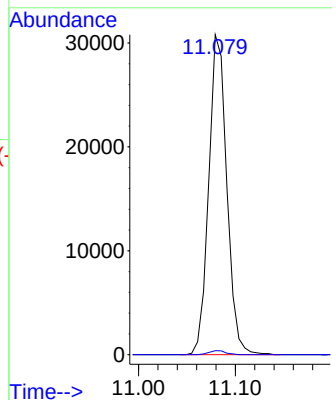
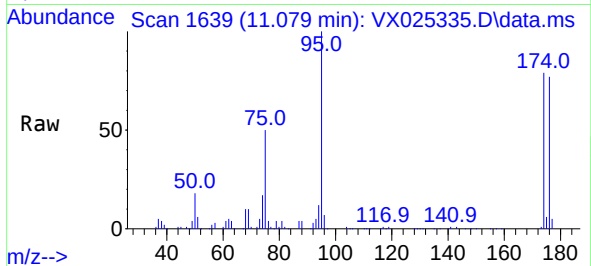




#76
1,2,3-Trichloropropane
Concen: 23.848 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

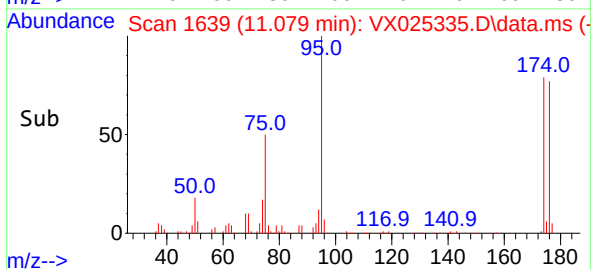
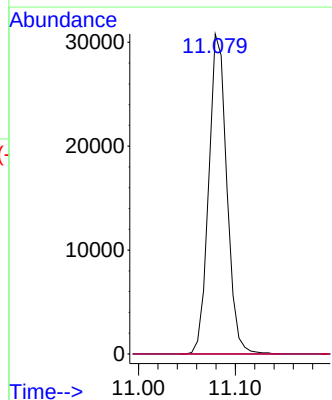
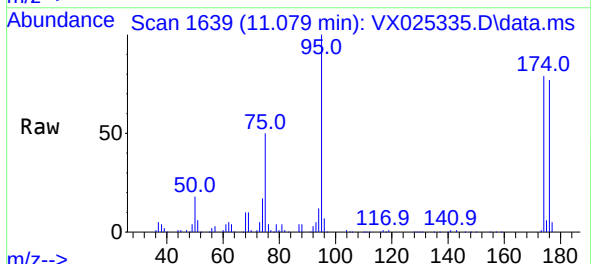
Instrument :
MSVOA_X
ClientSampleId :

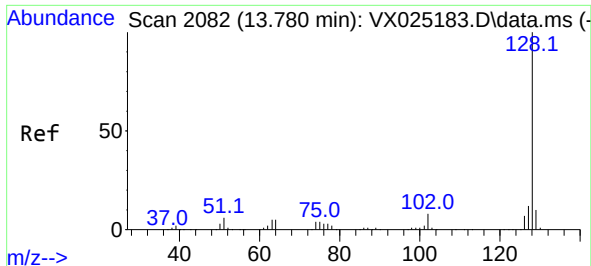
Tgt Ion: 75 Resp: 40056
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

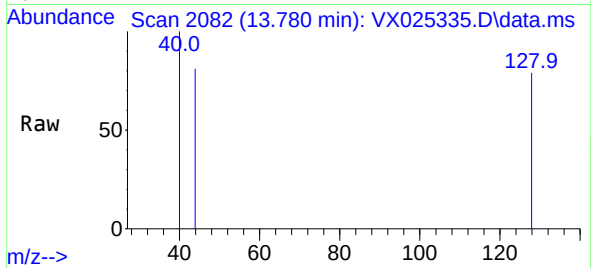
Tgt Ion: 75 Resp: 40056
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025335.D
Acq: 24 Nov 2021 18:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	72
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

