

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025283.D
 Acq On : 23 Nov 2021 18:38
 Operator : JC/MD
 Sample : M4739-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33A

Quant Time: Nov 24 03:15:04 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)

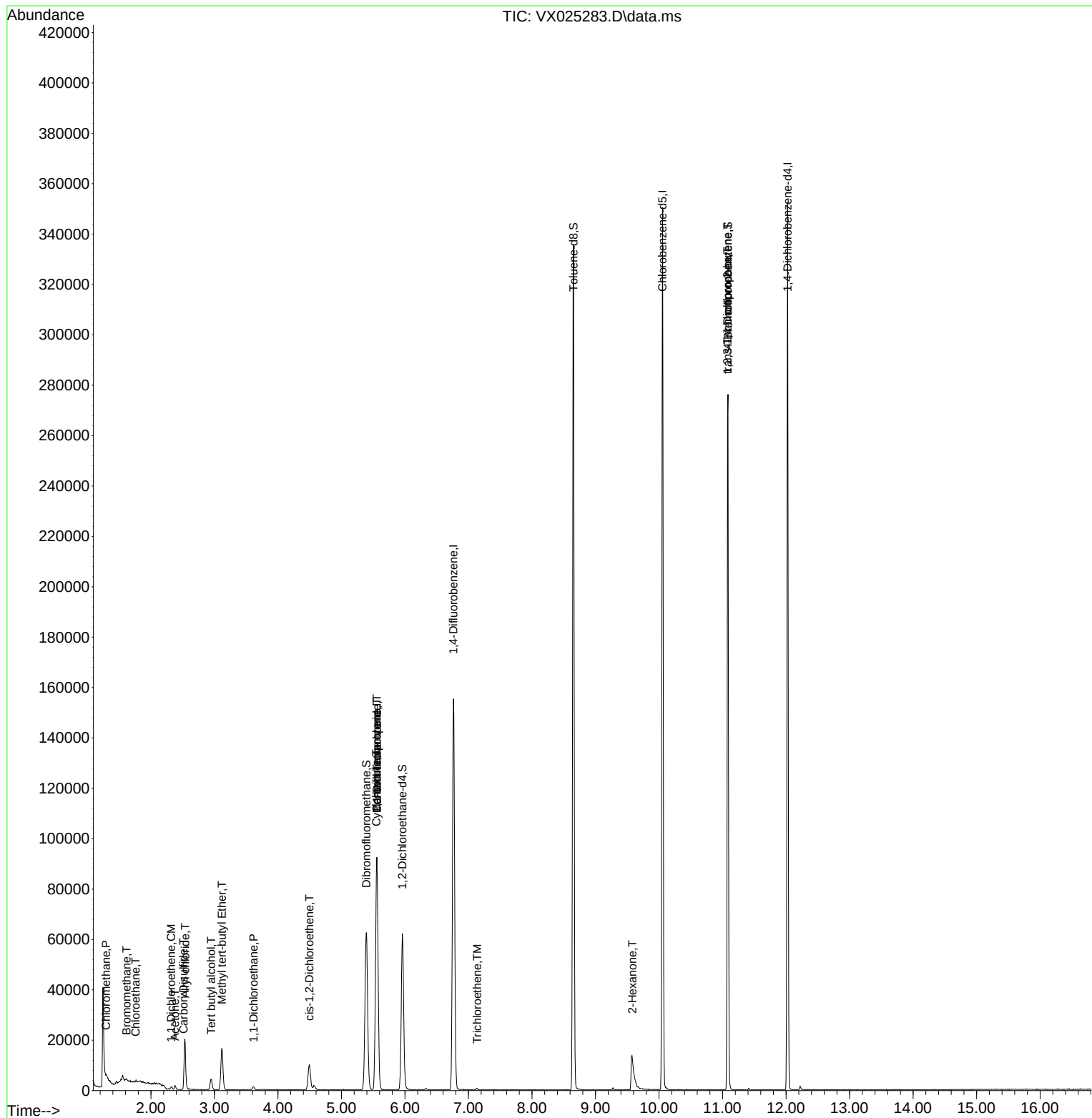
Internal Standards						
1) Pentafluorobenzene	5.556	168	94960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56551	56.498	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.000%
35) Dibromofluoromethane	5.391	113	54621	52.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	8.653	98	199251	50.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.085	95	76478	51.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	379	0.372	ug/l	94
5) Bromomethane	1.618	94	189	0.393	ug/l #	60
6) Chloroethane	1.758	64	223	0.289	ug/l #	43
11) Tert butyl alcohol	2.947	59	2533	1.337	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	413	0.469	ug/l #	56
14) Allyl chloride	2.538	41	1891	1.187	ug/l #	61
16) Acetone	2.380	43	1700	3.057	ug/l	94
17) Carbon Disulfide	2.514	76	596	0.241	ug/l #	76
19) Methyl tert-butyl Ether	3.117	73	19236	6.273	ug/l	100
24) 1,1-Dichloroethane	3.617	63	1740	1.050	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	7071	6.280	ug/l	78
31) Cyclohexane	5.550	56	1665	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6225	4.203	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8560	5.248	ug/l #	17
44) Trichloroethene	7.135	130	278	0.213	ug/l	86
59) 2-Hexanone	9.580	43	6483	4.677	ug/l #	31
76) 1,2,3-Trichloropropane	11.079	75	36681	23.688	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36681	59.674	ug/l #	9
95) Naphthalene	13.780	128	130	Below Cal	#	69

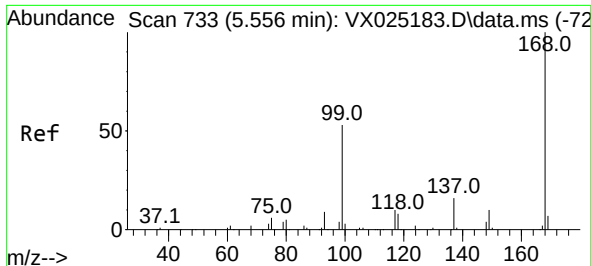
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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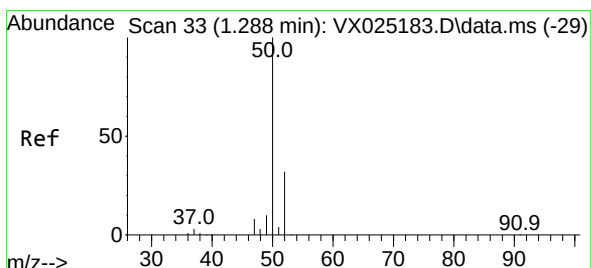
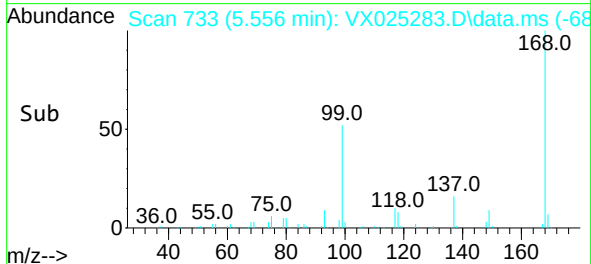
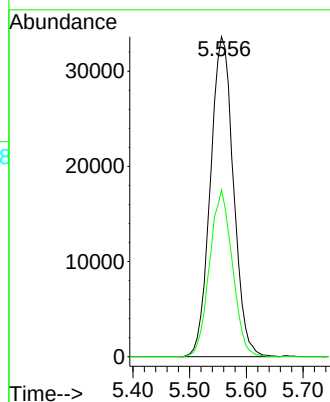
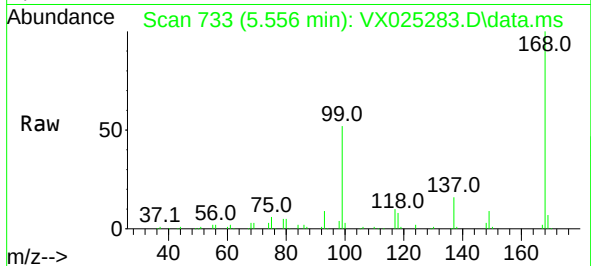




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

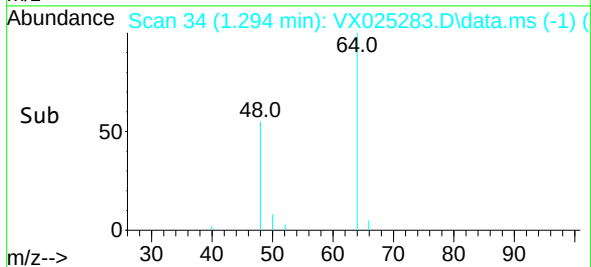
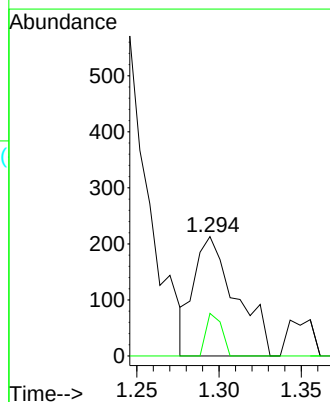
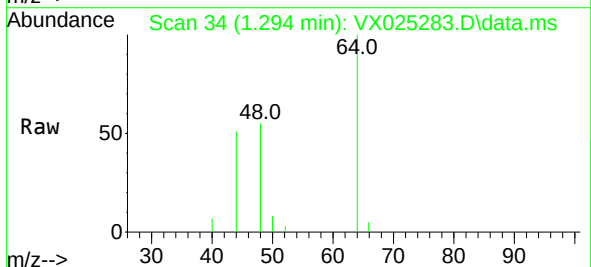
Instrument :
MSVOA_X
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MW-33A

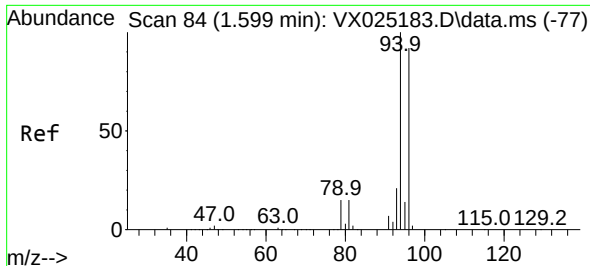
Tgt Ion:168 Resp: 94960
Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6



#3
Chloromethane
Concen: 0.372 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 35.7 25.9 38.9

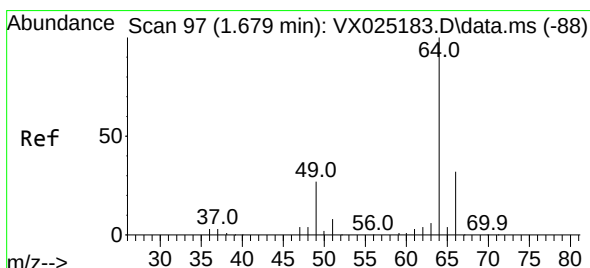
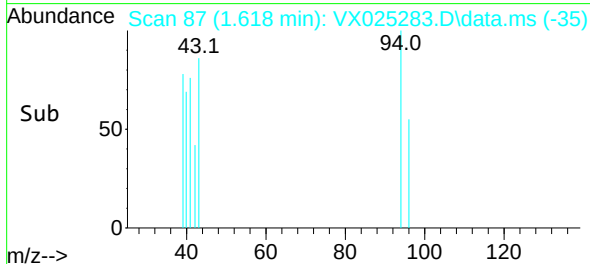
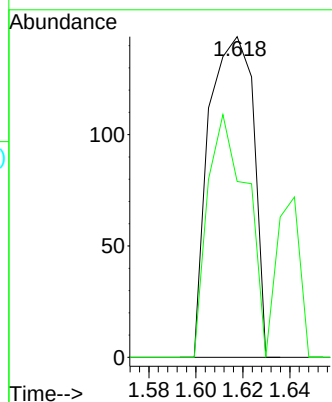
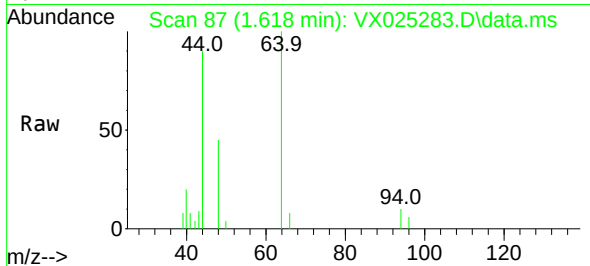




#5
Bromomethane
Concen: 0.393 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

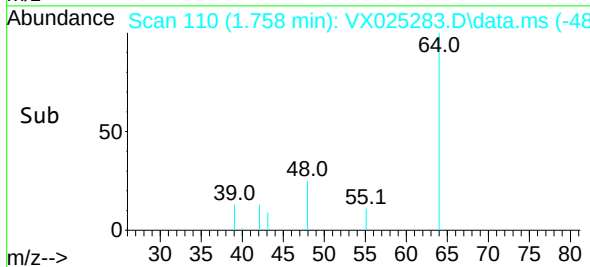
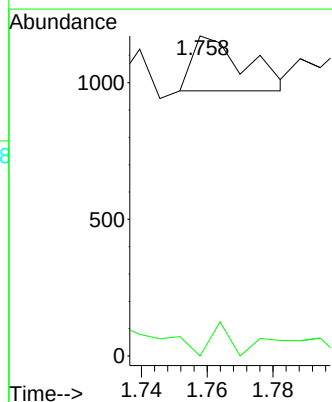
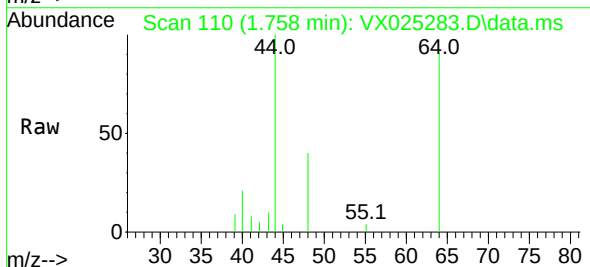
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

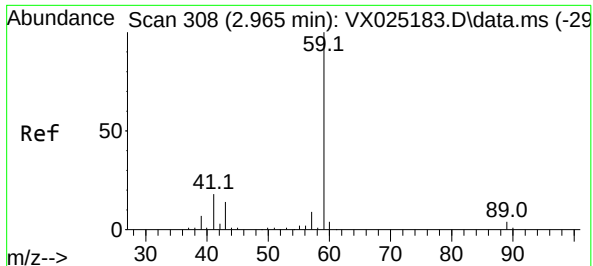
Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 54.9 74.8 112.2#



#6
Chloroethane
Concen: 0.289 ug/l
RT: 1.758 min Scan# 110
Delta R.T. 0.079 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#11

Tert butyl alcohol

Concen: 1.337 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025283.D

Acq: 23 Nov 2021 18:38

Instrument :

MSVOA_X

ClientSampleId :

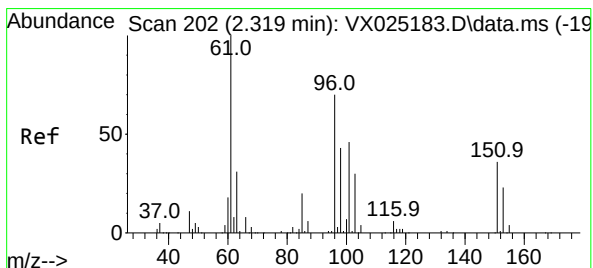
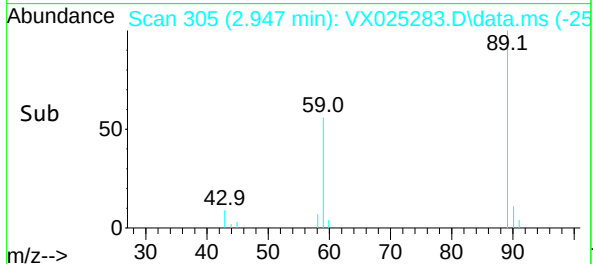
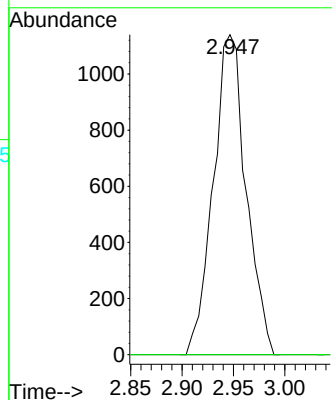
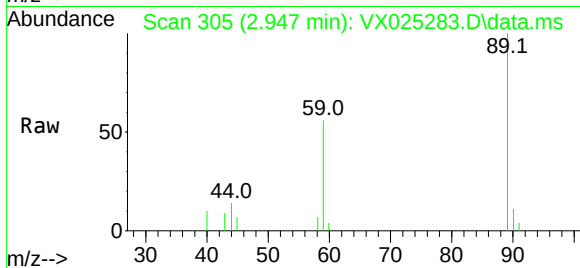
MW-33A

Tgt Ion: 59 Resp: 2533

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.469 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025283.D

Acq: 23 Nov 2021 18:38

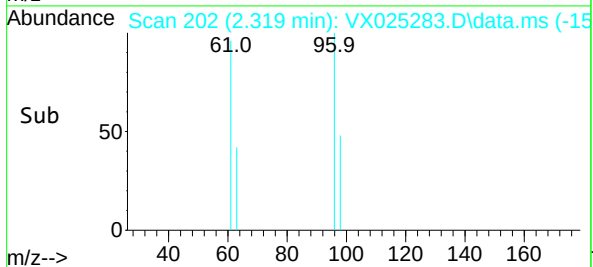
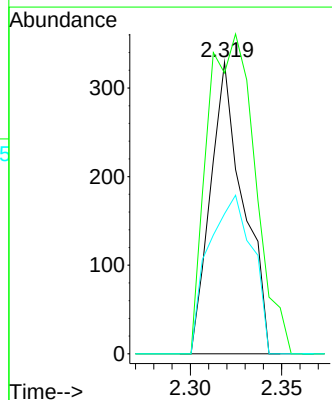
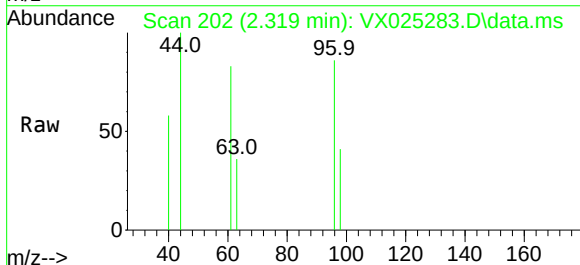
Tgt Ion: 96 Resp: 413

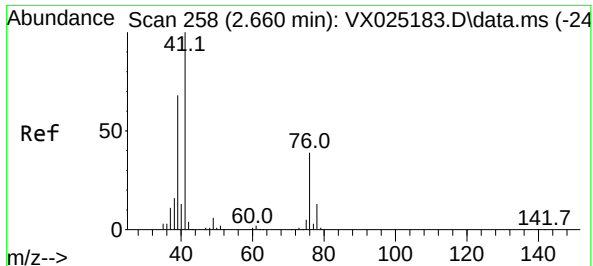
Ion Ratio Lower Upper

96 100

61 96.4 134.1 201.1#

98 48.0 51.5 77.3#

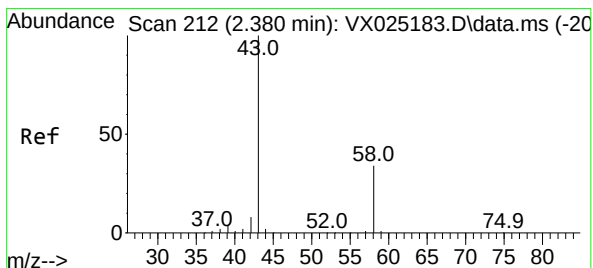
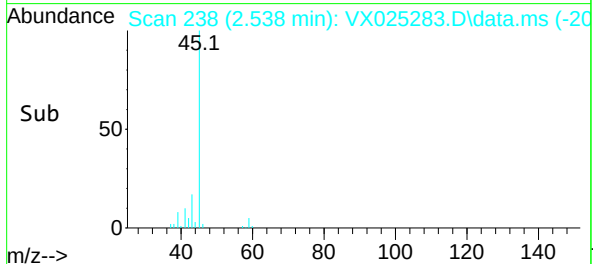
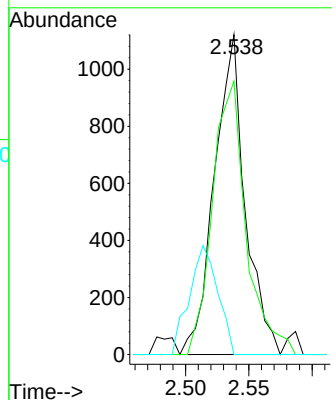
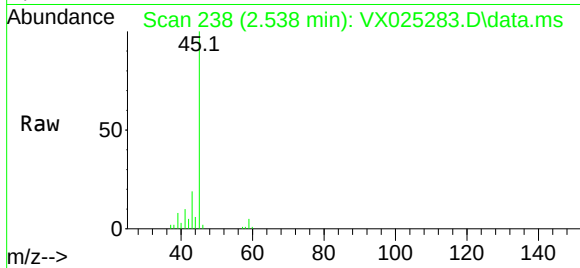




#14
 Allyl chloride
 Concen: 1.187 ug/l
 RT: 2.538 min Scan# 214
 Delta R.T. -0.122 min
 Lab File: VX025283.D
 Acq: 23 Nov 2021 18:38

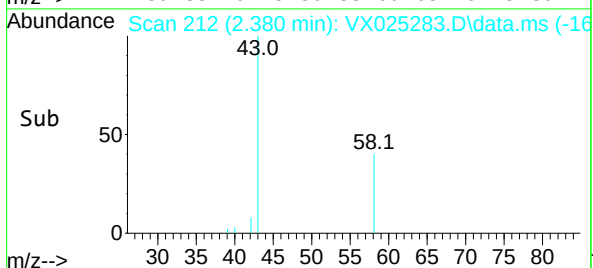
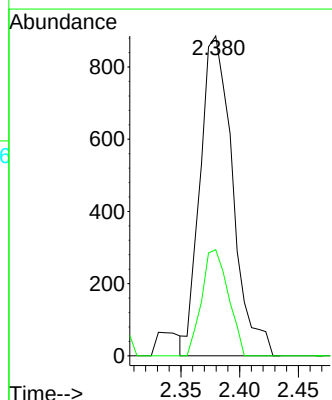
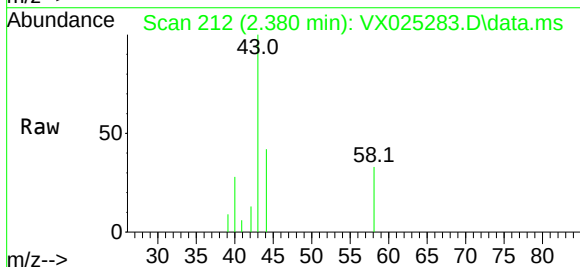
Instrument :
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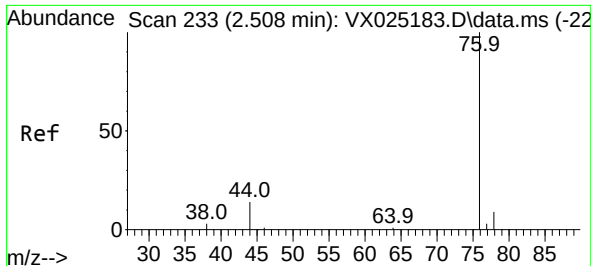
Tgt Ion: 41 Resp: 1891
 Ion Ratio Lower Upper
 41 100
 39 93.3 54.6 82.0#
 76 0.0 25.3 37.9#



#16
 Acetone
 Concen: 3.057 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX025283.D
 Acq: 23 Nov 2021 18:38

Tgt Ion: 43 Resp: 1700
 Ion Ratio Lower Upper
 43 100
 58 33.2 24.0 36.0

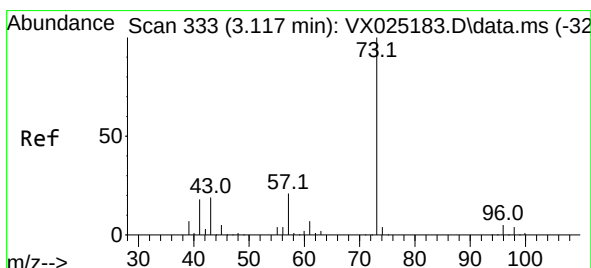
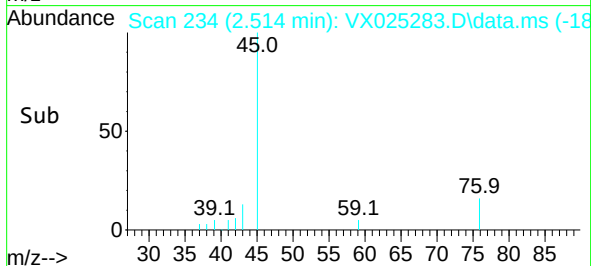
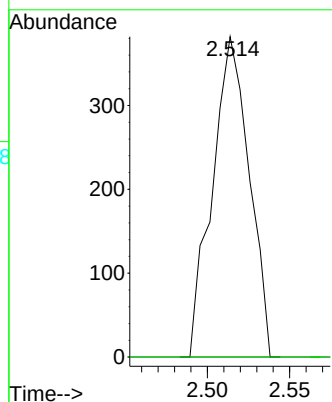
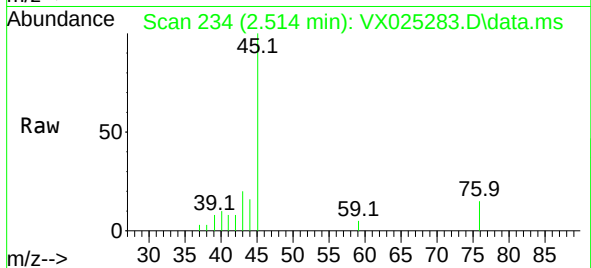




#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

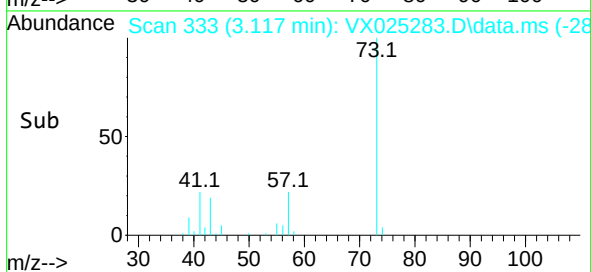
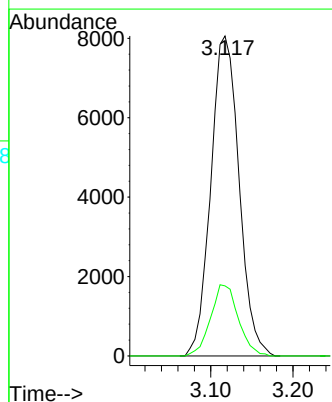
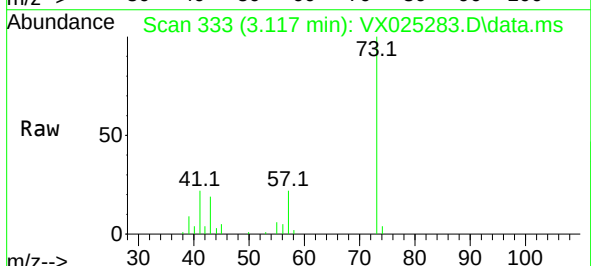
Instrument :
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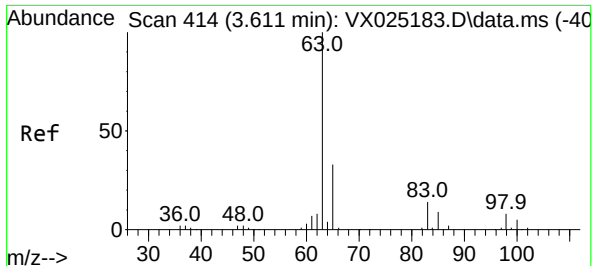
Tgt Ion: 76 Resp: 596
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#19
Methyl tert-butyl Ether
Concen: 6.273 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 73 Resp: 19236
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

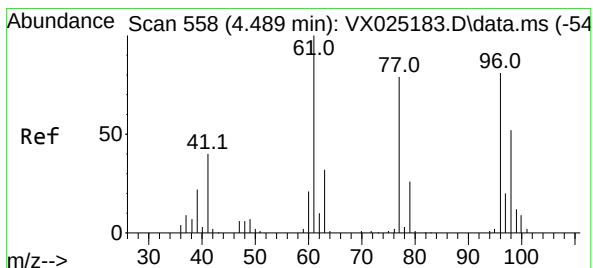
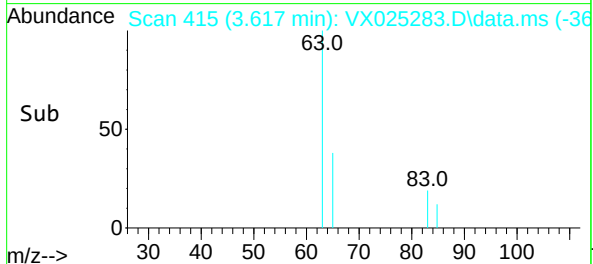
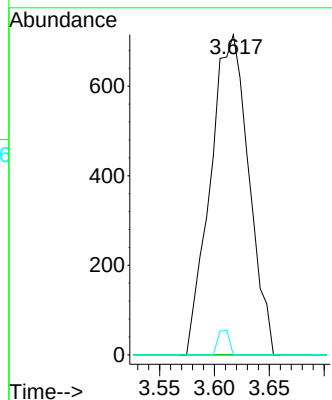
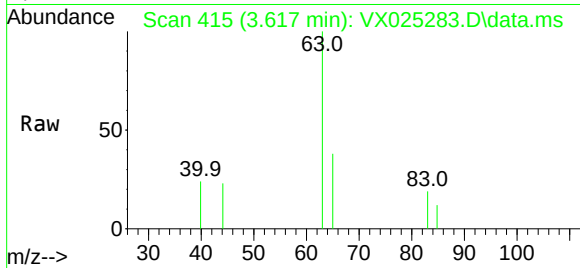




#24
1,1-Dichloroethane
Concen: 1.050 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

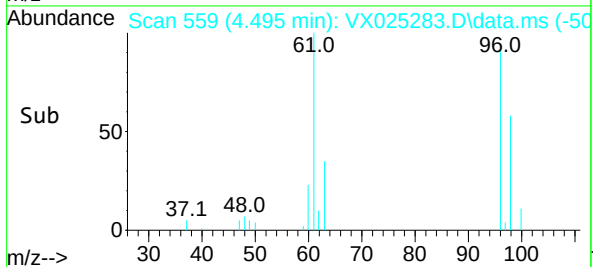
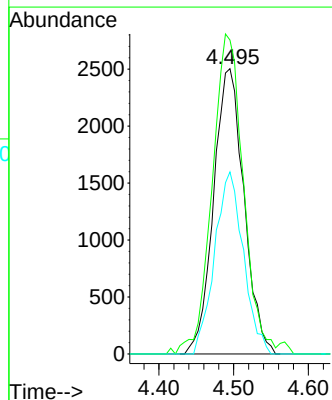
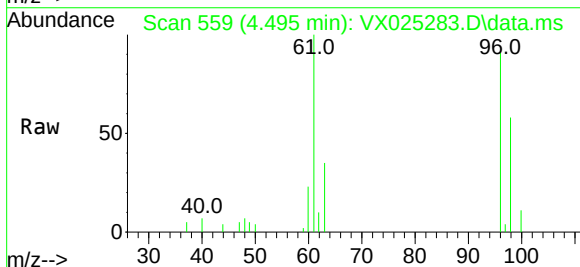
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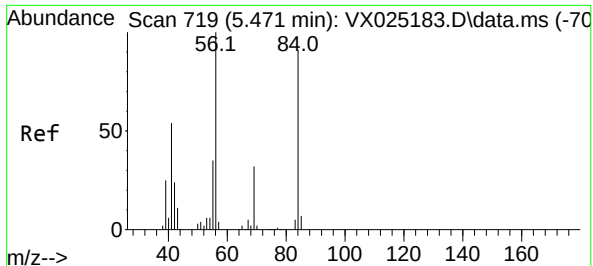
Tgt Ion: 63 Resp: 1740
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#



#27
cis-1,2-Dichloroethene
Concen: 6.280 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 96 Resp: 7071
Ion Ratio Lower Upper
96 100
61 115.0 0.0 302.2
98 60.4 0.0 131.4

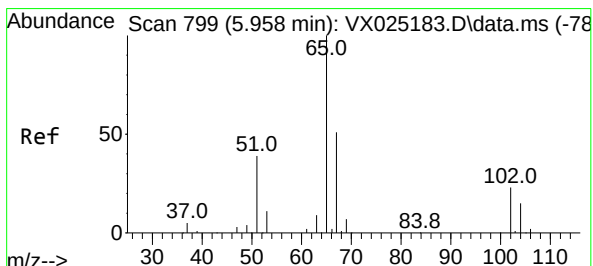
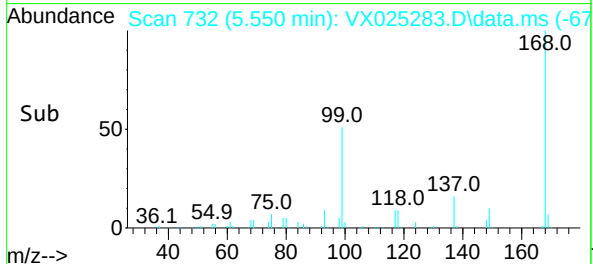
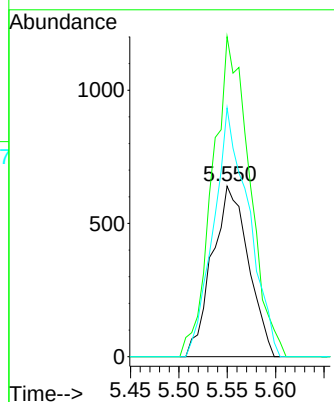
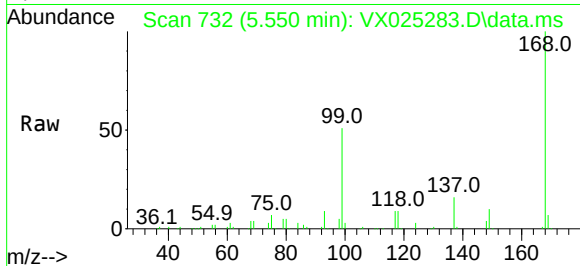




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

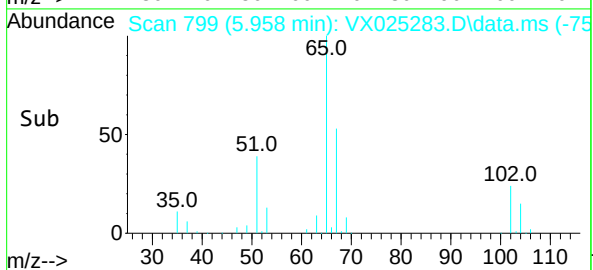
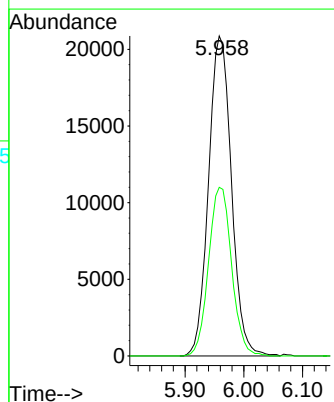
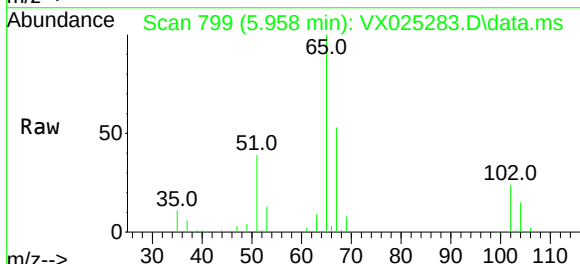
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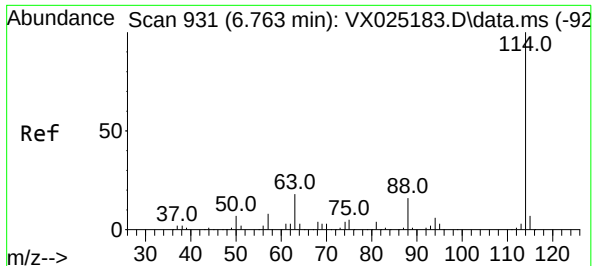
Tgt Ion: 56 Resp: 1665
Ion Ratio Lower Upper
56 100
69 187.7 24.2 36.2#
84 145.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.498 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 65 Resp: 56551
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.0

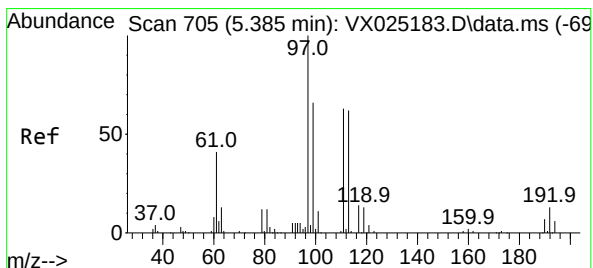
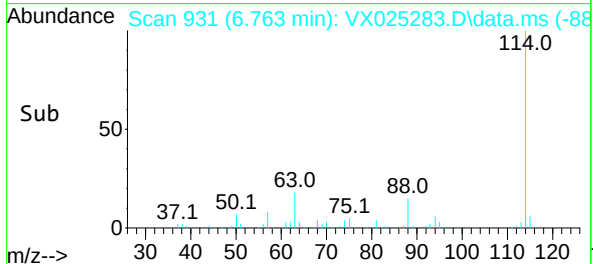
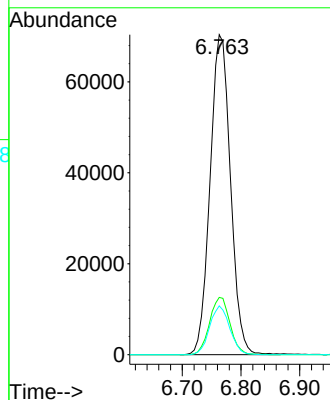
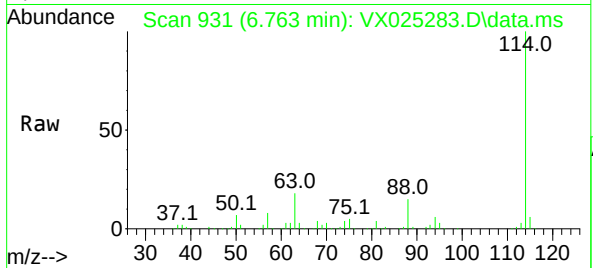




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

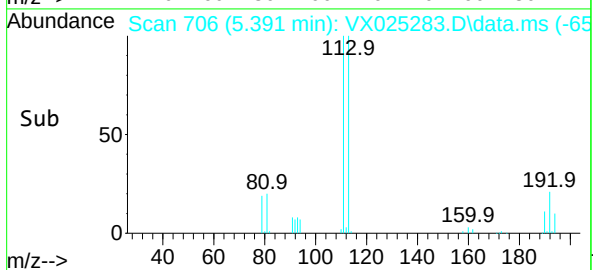
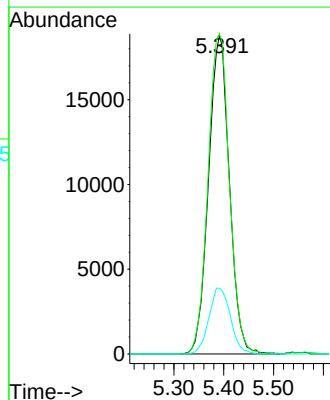
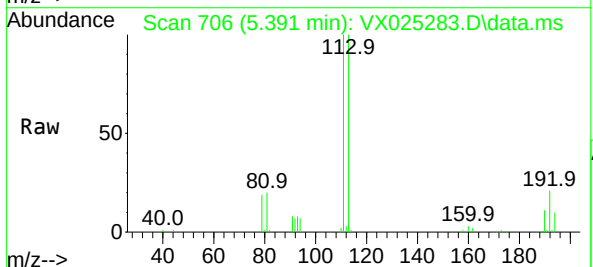
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

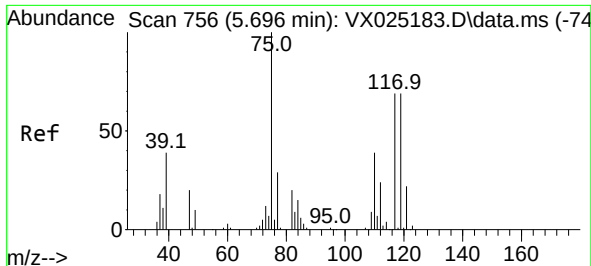
Tgt Ion:114 Resp: 169746
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion:113 Resp: 54621
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 21.4 15.6 23.4

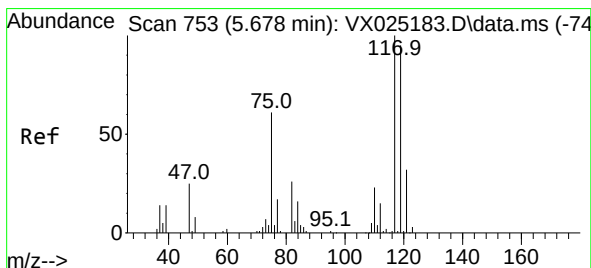
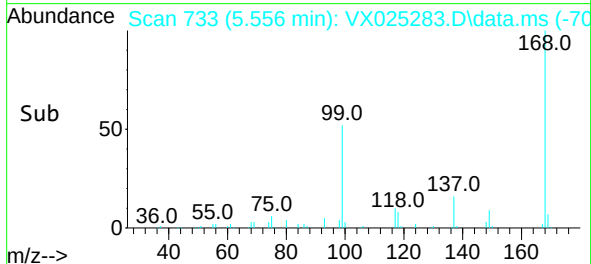
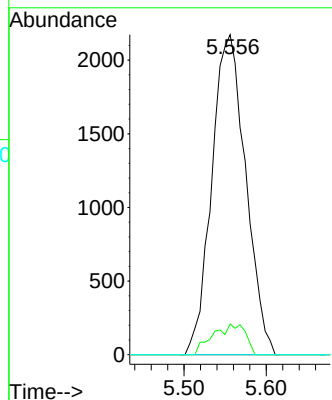
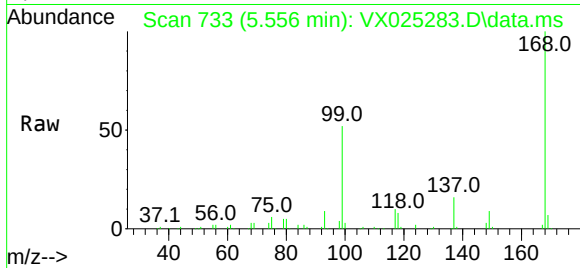




#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

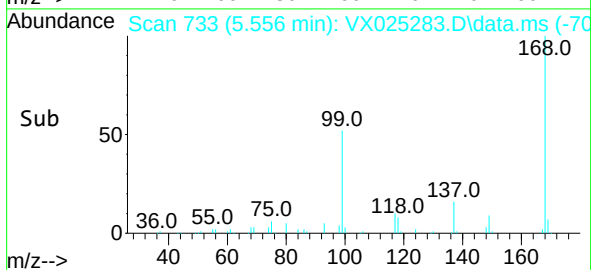
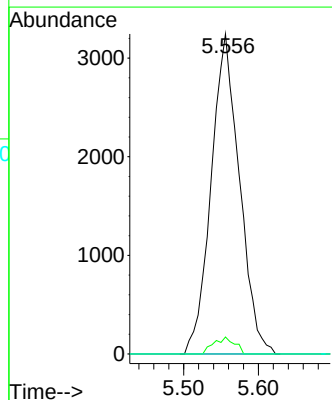
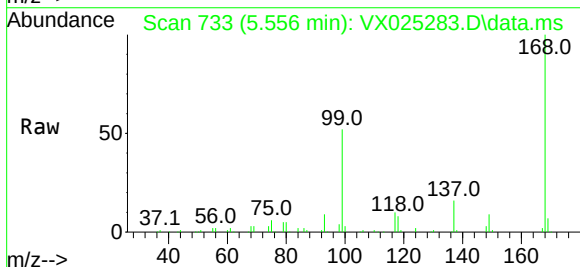
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

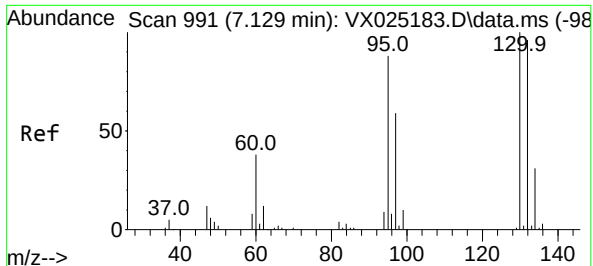
Tgt Ion: 75 Resp: 6225
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.248 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 117 Resp: 8560
Ion Ratio Lower Upper
117 100
119 5.3 75.6 113.4#
121 0.0 23.7 35.5#

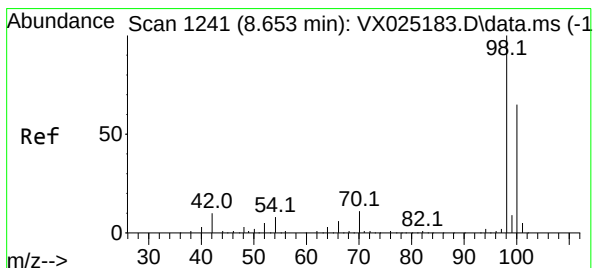
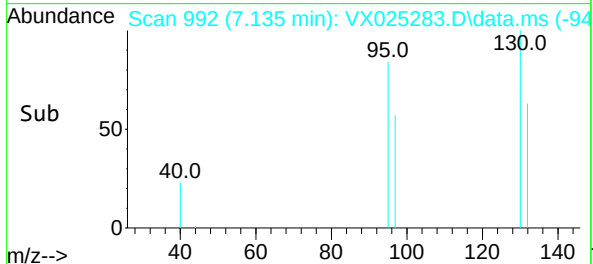
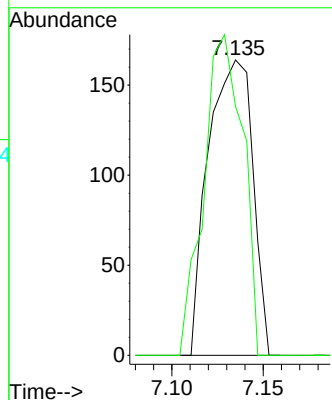
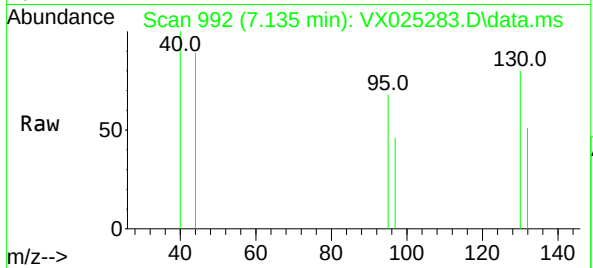




#44
Trichloroethene
Concen: 0.213 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

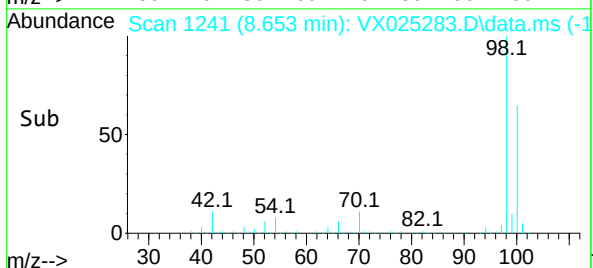
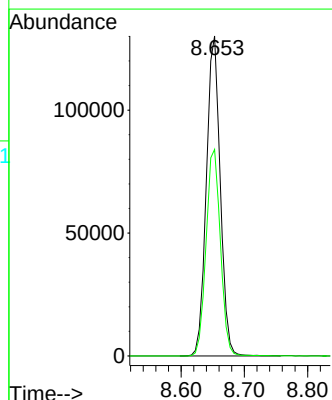
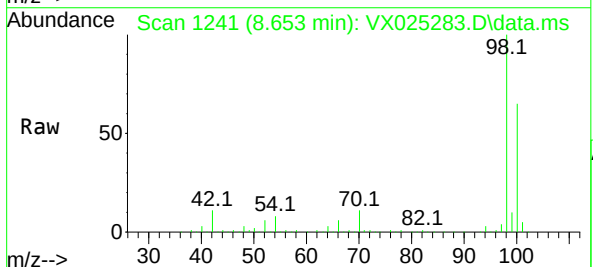
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

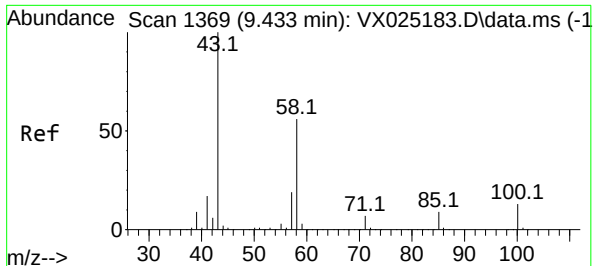
Tgt Ion:130 Resp: 278
Ion Ratio Lower Upper
130 100
95 84.1 0.0 196.8



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion: 98 Resp: 199251
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0





#59

2-Hexanone

Concen: 4.677 ug/l

RT: 9.580 min Scan# 11

Delta R.T. 0.147 min

Lab File: VX025283.D

Acq: 23 Nov 2021 18:38

Instrument :

MSVOA_X

ClientSampleId :

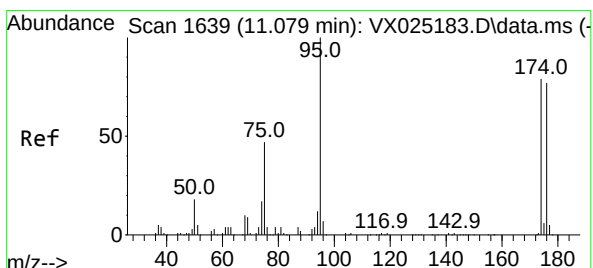
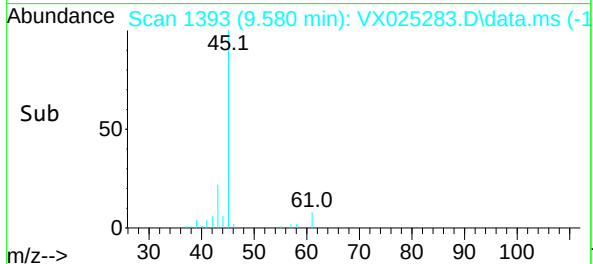
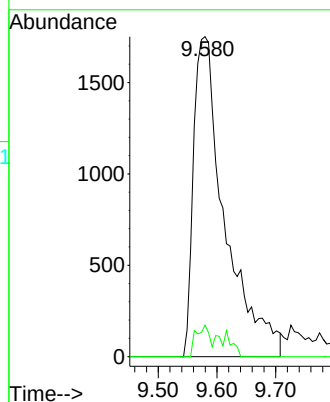
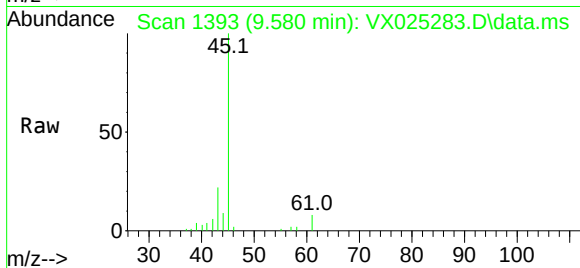
MW-33A

Tgt Ion: 43 Resp: 6483

Ion Ratio Lower Upper

43 100

58 4.3 26.6 79.7#



#62

4-Bromofluorobenzene

Concen: 51.624 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025283.D

Acq: 23 Nov 2021 18:38

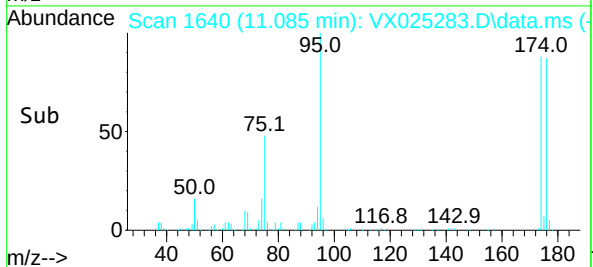
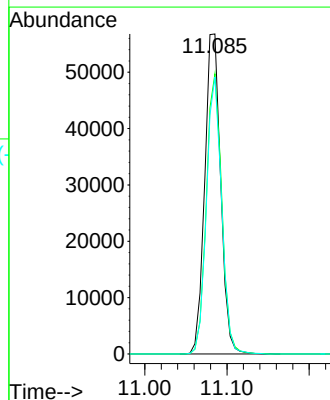
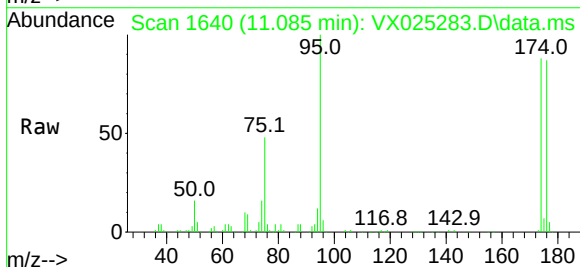
Tgt Ion: 95 Resp: 76478

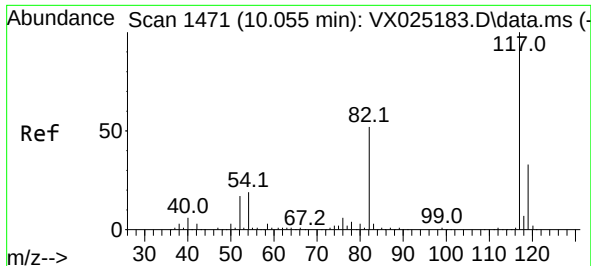
Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.0

176 82.4 0.0 153.6

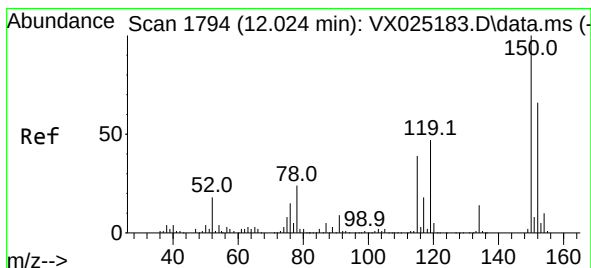
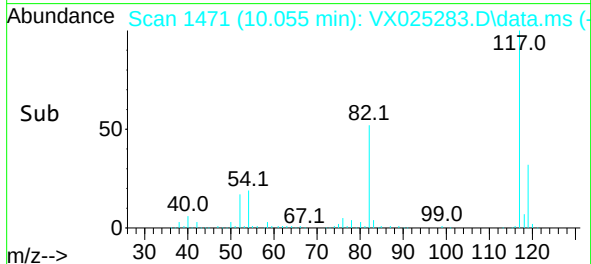
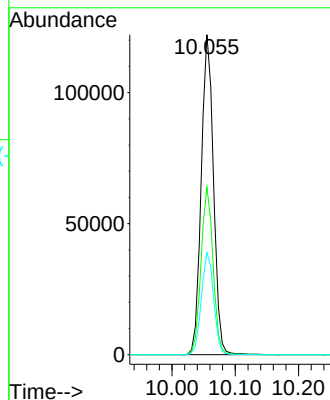
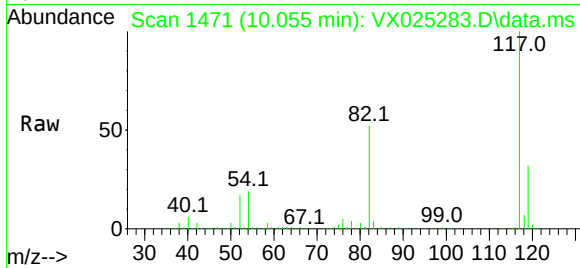




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

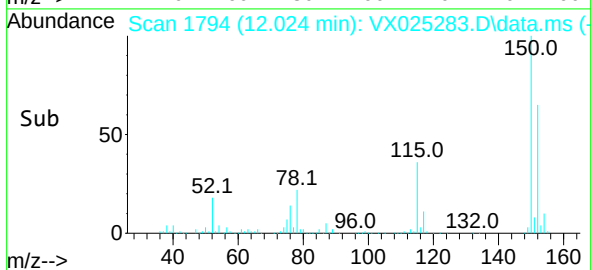
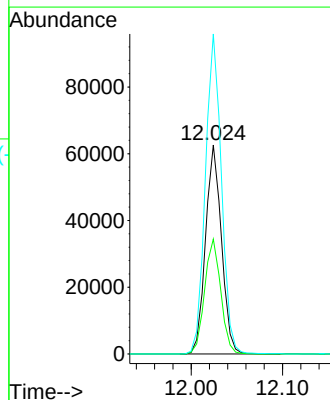
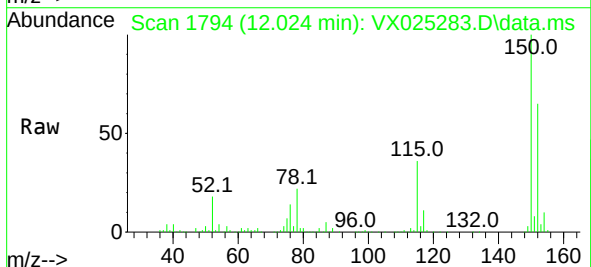
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

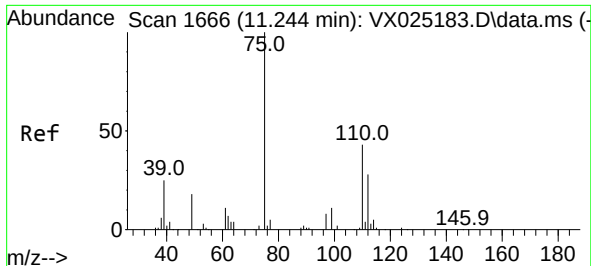
Tgt Ion:117 Resp: 164735
Ion Ratio Lower Upper
117 100
82 52.3 44.6 67.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

Tgt Ion:152 Resp: 75619
Ion Ratio Lower Upper
152 100
115 55.7 43.3 129.8
150 154.2 0.0 351.2

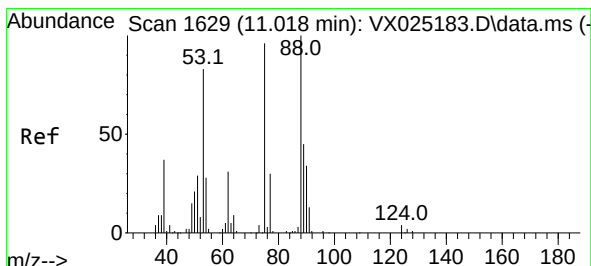
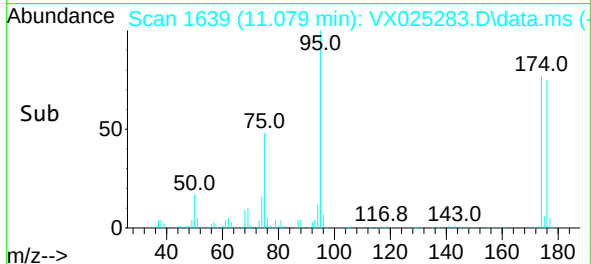
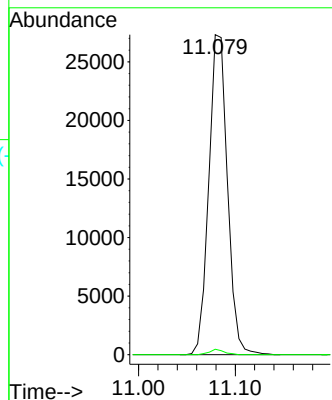
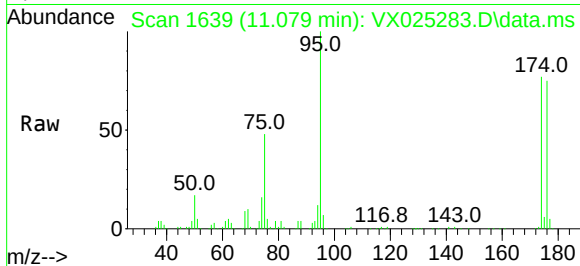




#76
1,2,3-Trichloropropane
Concen: 23.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

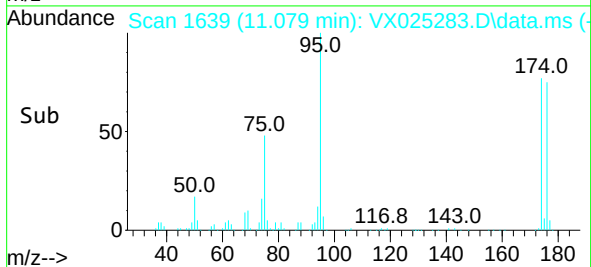
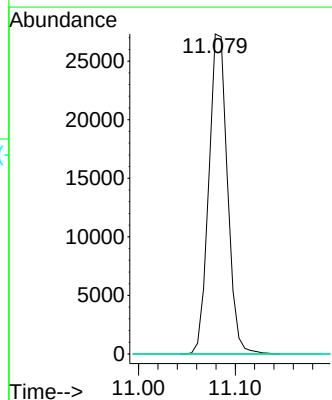
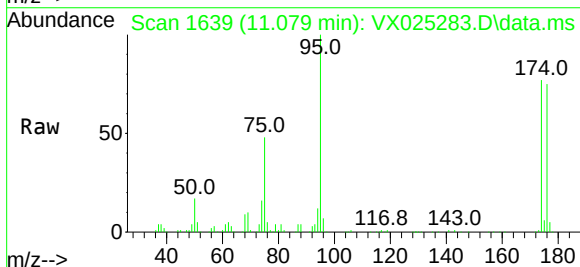
Instrument :
MSVOA_X
ClientSampleId :
MW-33A

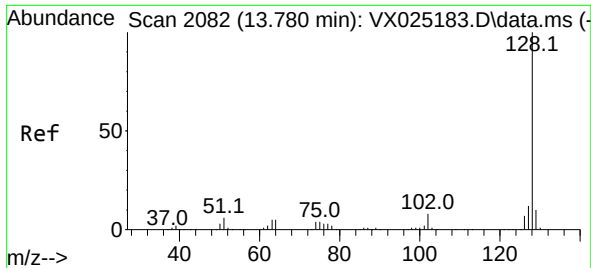
Tgt Ion: 75 Resp: 36681
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025283.D
Acq: 23 Nov 2021 18:38

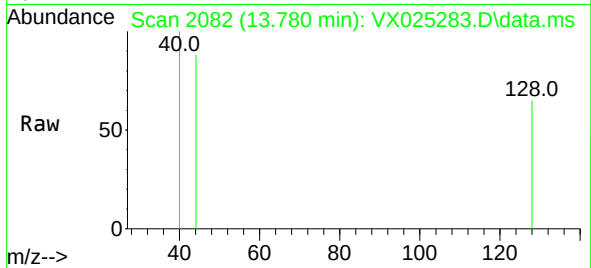
Tgt Ion: 75 Resp: 36681
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
 Naphthalene
 Concen: Below Cal
 RT: 13.780 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX025283.D
 Acq: 23 Nov 2021 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33A



Tgt Ion:128 Resp: 130
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.8 13.2#

