

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032634.D
 Acq On : 07 Nov 2022 17:58
 Operator : JC/MD
 Sample : N5497-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Nov 08 03:16:15 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)

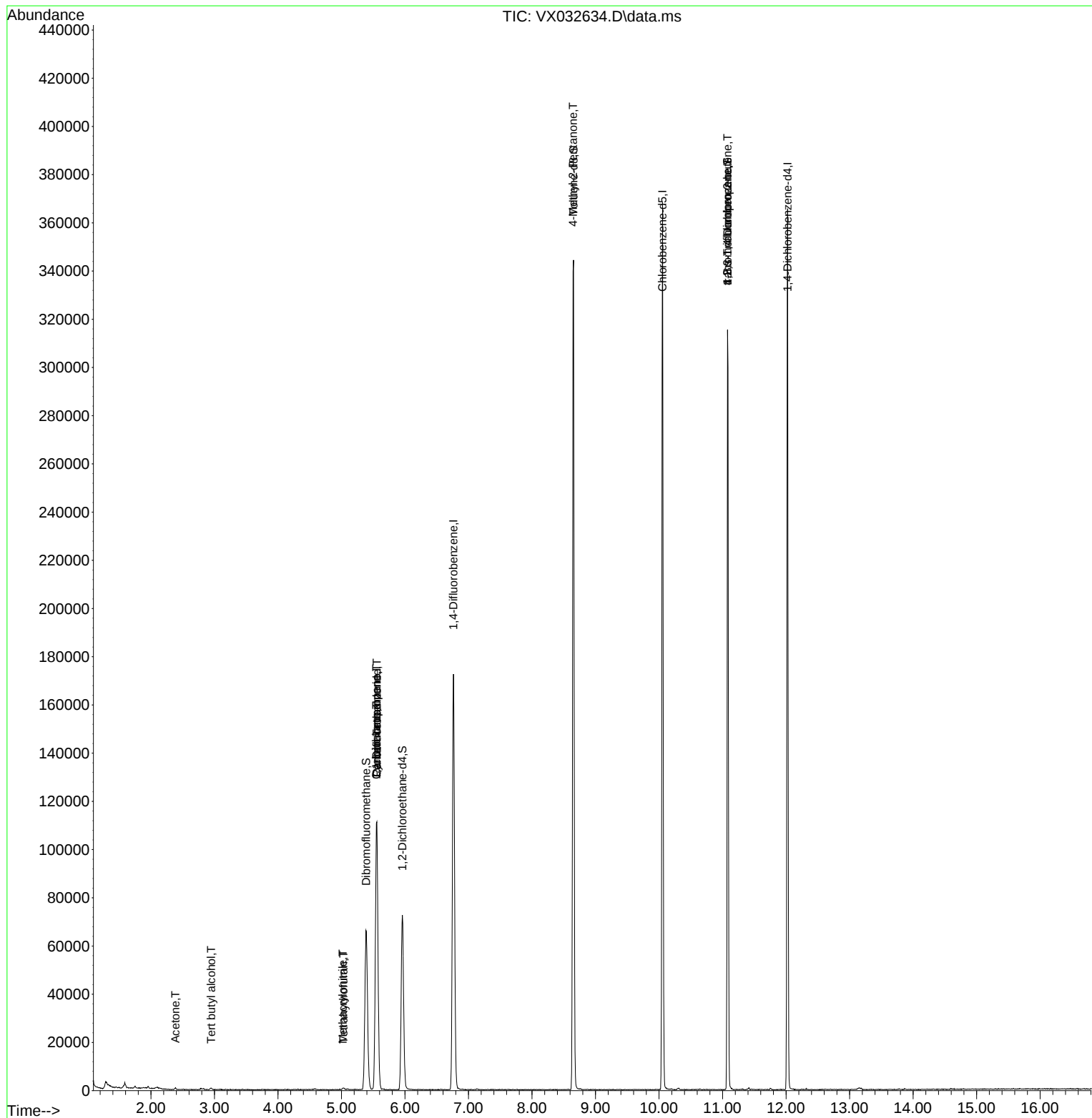
Internal Standards						
1) Pentafluorobenzene	5.556	168	105018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73445	50.332	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.660%		
35) Dibromofluoromethane	5.385	113	56852	45.668	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.340%		
50) Toluene-d8	8.653	98	207753	47.993	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.980%		
62) 4-Bromofluorobenzene	11.079	95	79928	47.268	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	470	2.213	ug/l #	72
16) Acetone	2.386	43	713	1.344	ug/l	99
29) Tetrahydrofuran	5.032	42	718	1.370	ug/l #	76
31) Cyclohexane	5.550	56	2425	1.371	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	8262	4.766	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10978	5.709	ug/l #	15
41) Methacrylonitrile	5.019	41	200	0.218	ug/l #	37
51) 4-Methyl-2-Pentanone	8.647	43	1031	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44043	27.292	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44043	86.844	ug/l #	6

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

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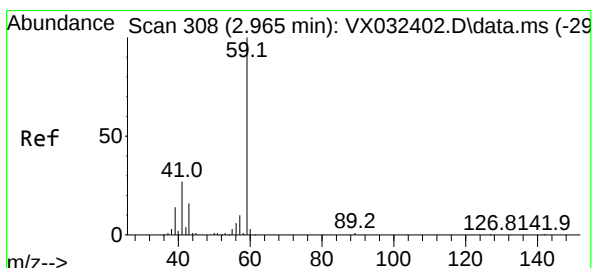
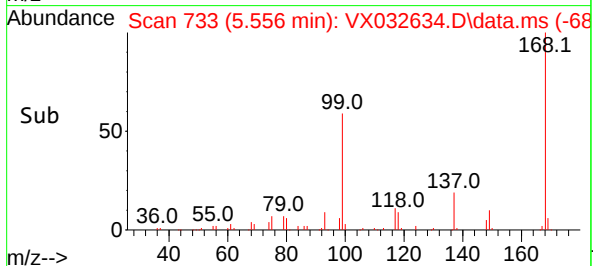
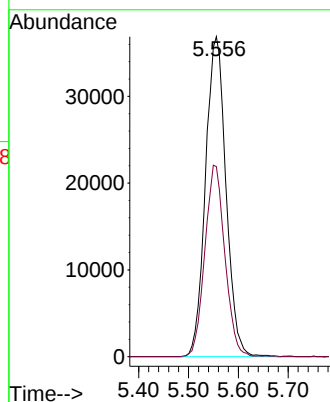
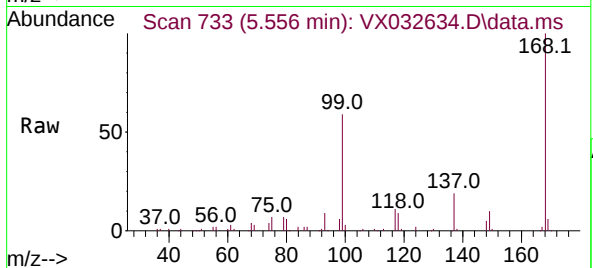




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

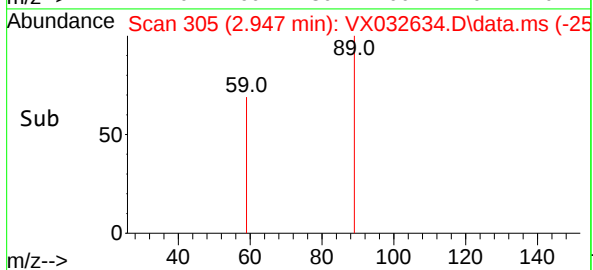
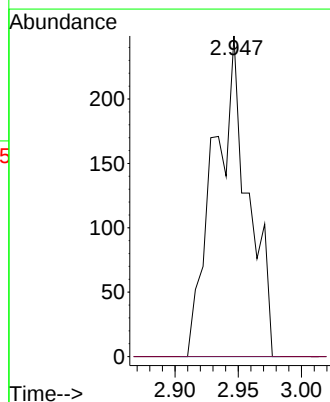
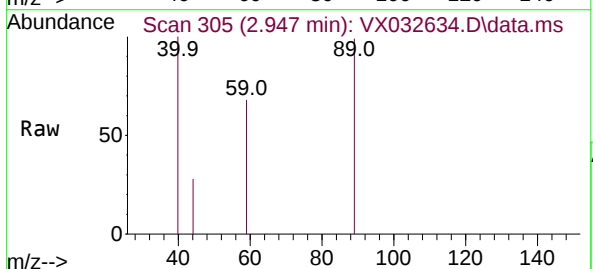
Instrument :
MSVOA_X
ClientSampleId :
MW-11

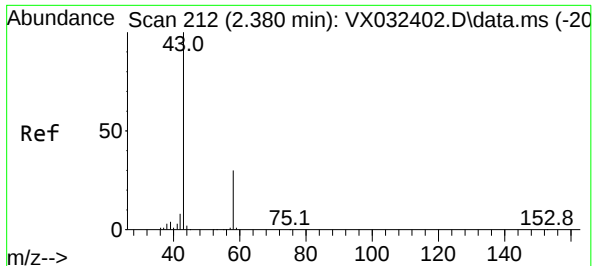
Tgt Ion:168 Resp: 105018
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.213 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion: 59 Resp: 470
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

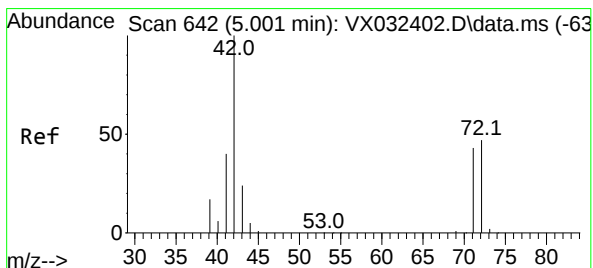
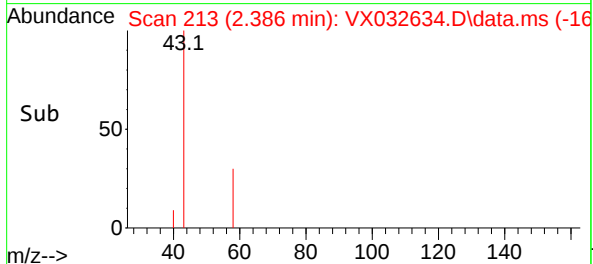
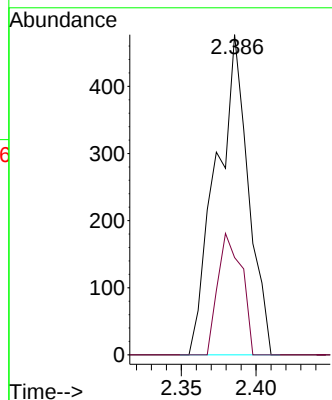
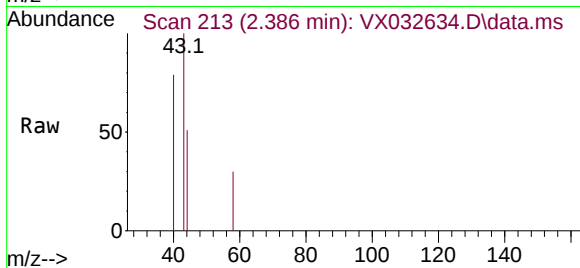




#16
Acetone
Concen: 1.344 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

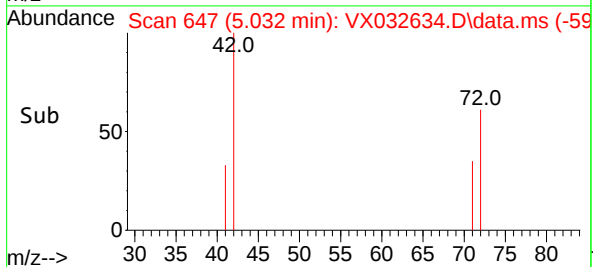
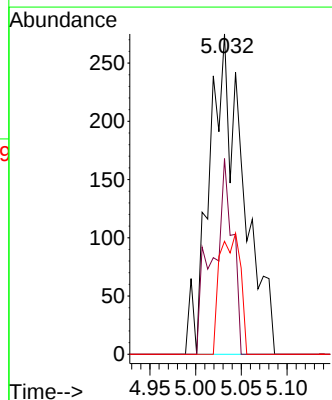
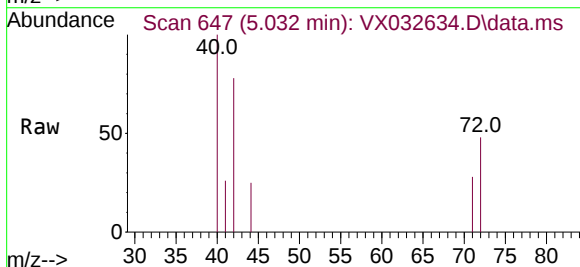
Instrument :
MSVOA_X
ClientSampleId :
MW-11

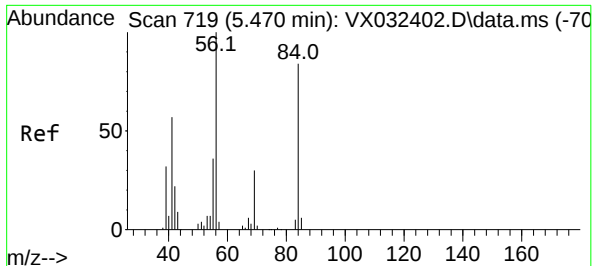
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8



#29
Tetrahydrofuran
Concen: 1.370 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion: 42 Resp: 718
Ion Ratio Lower Upper
42 100
72 35.7 37.6 56.4#
71 22.7 34.7 52.1#

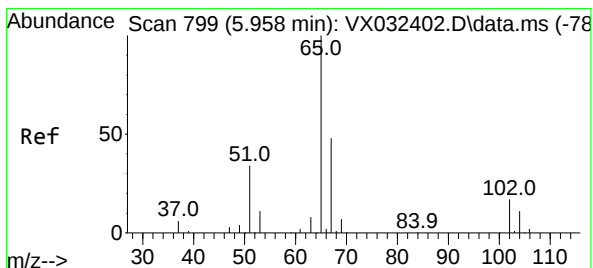
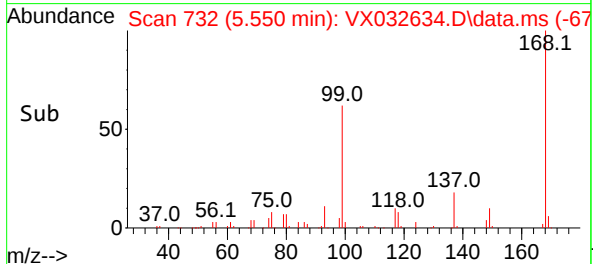
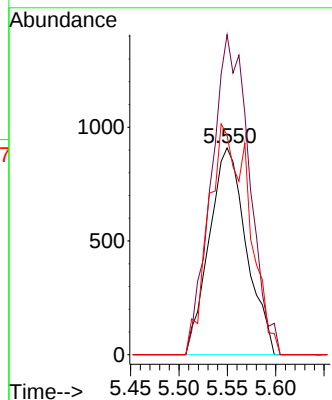
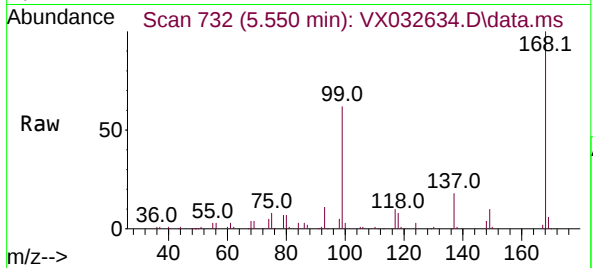




#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

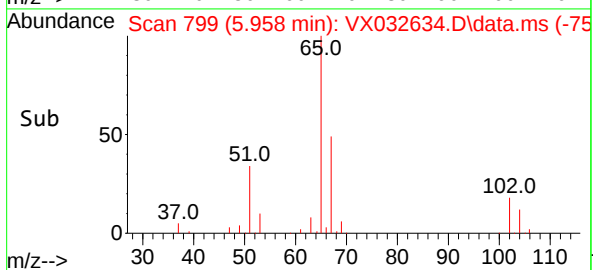
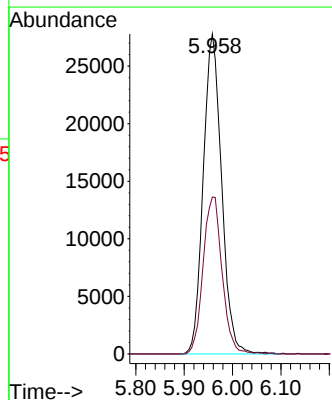
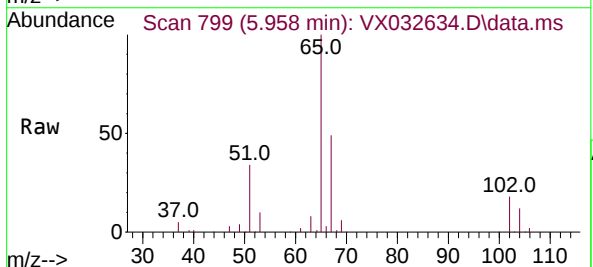
Instrument :
MSVOA_X
ClientSampleId :
MW-11

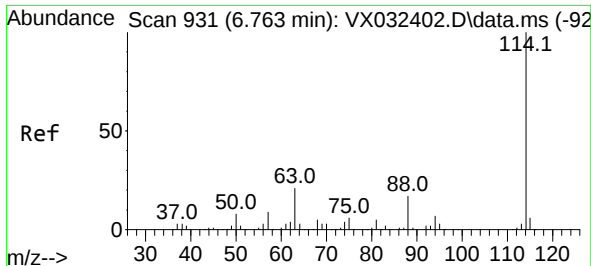
Tgt Ion: 56 Resp: 2425
Ion Ratio Lower Upper
56 100
69 154.8 24.1 36.1#
84 106.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion: 65 Resp: 73445
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

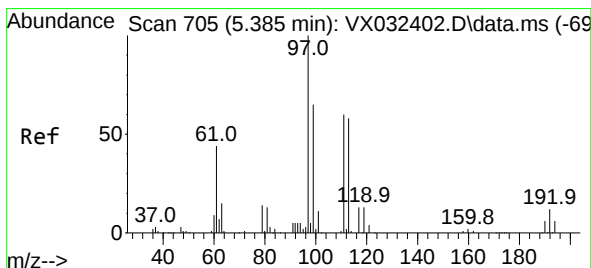
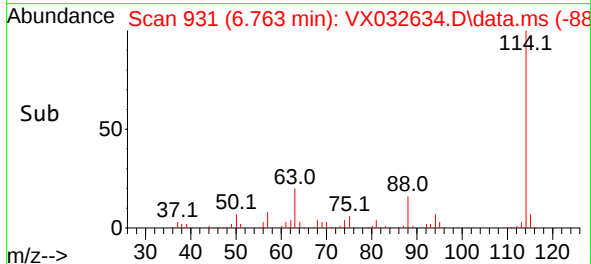
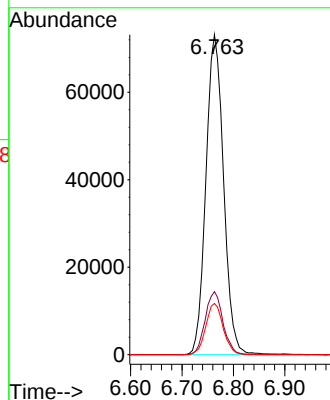
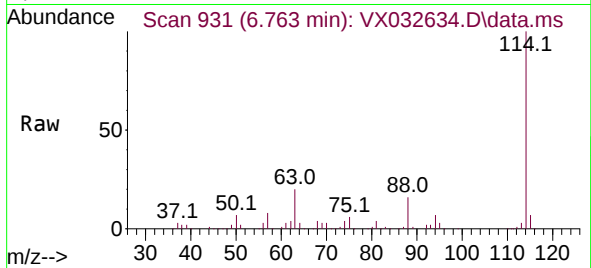




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

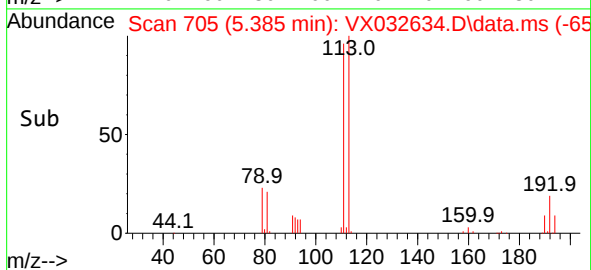
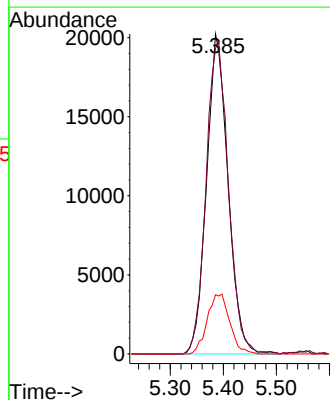
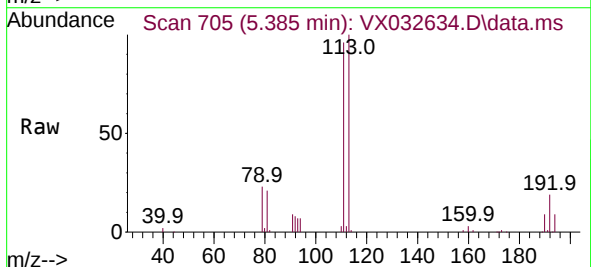
Instrument :
MSVOA_X
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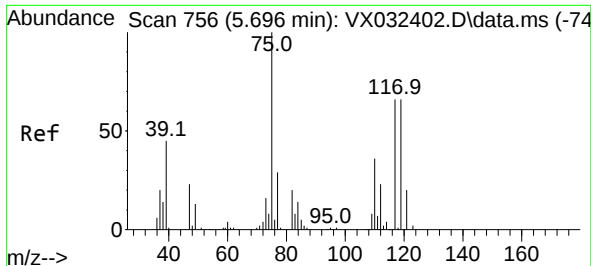
Tgt Ion:114 Resp: 174526
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion:113 Resp: 56852
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.6 15.4 23.2

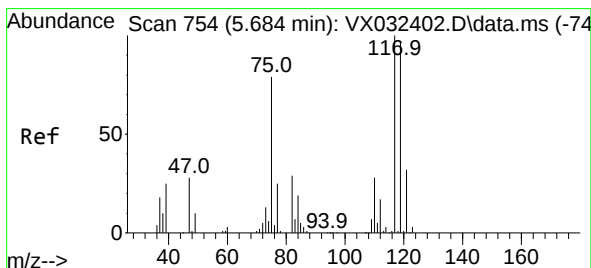
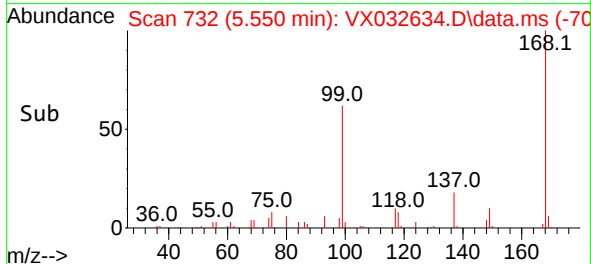
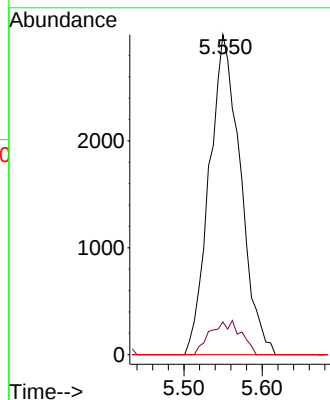
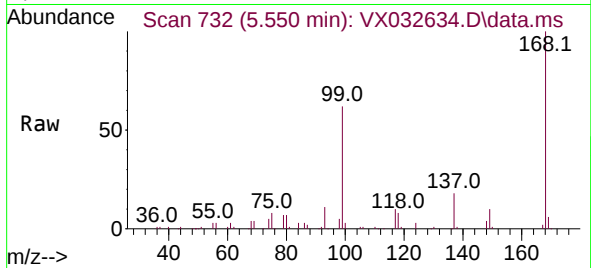




#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

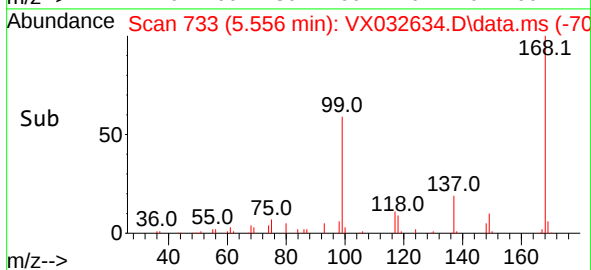
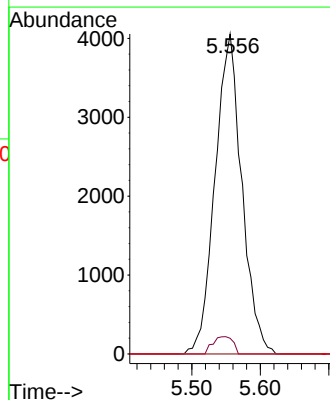
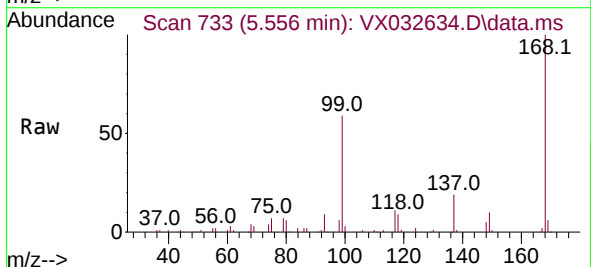
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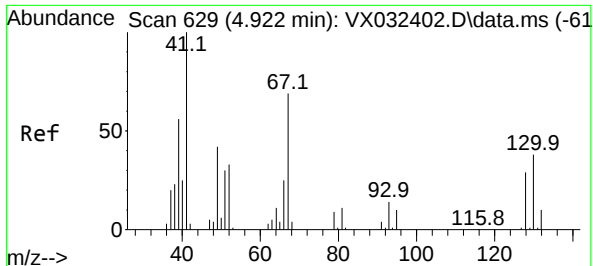
Tgt Ion: 75 Resp: 8262
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion: 117 Resp: 10978
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#

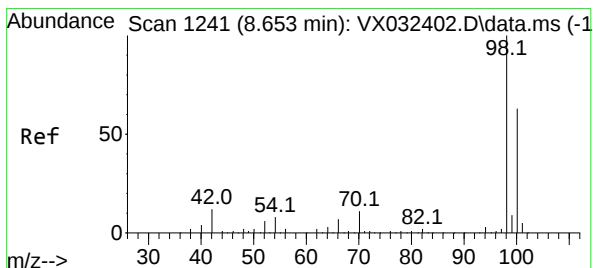
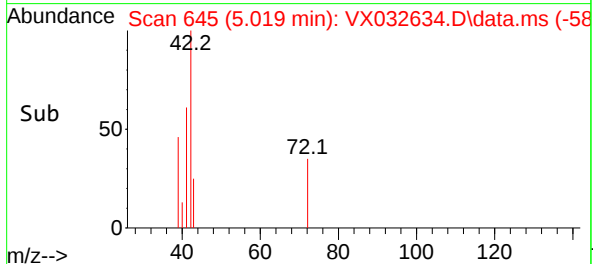
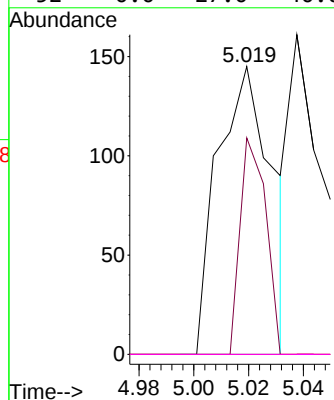
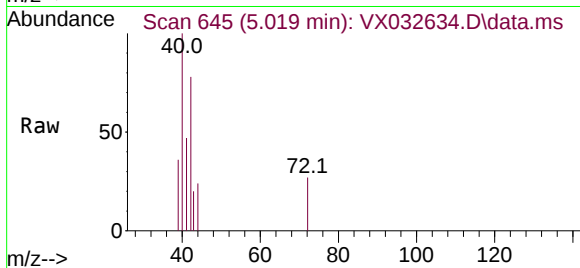




#41
Methacrylonitrile
Concen: 0.218 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.098 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

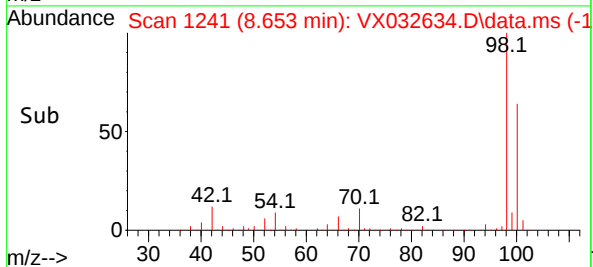
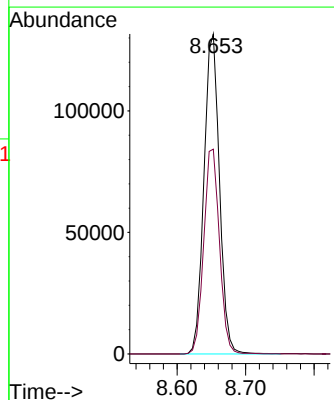
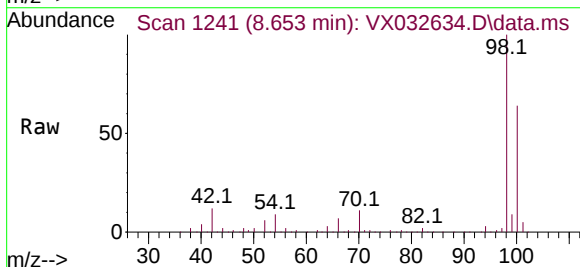
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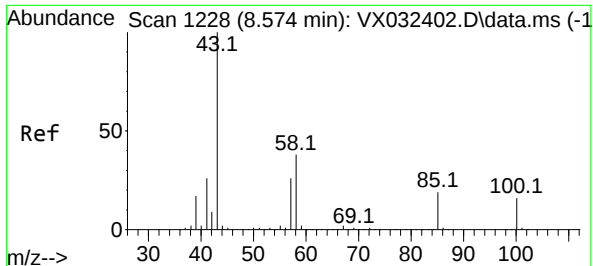
Tgt Ion:	41	Resp:	200
Ion	Ratio	Lower	Upper
41	100		
39	35.5	47.5	71.3#
67	0.0	60.5	90.7#
52	0.0	27.0	40.6#



#50
Toluene-d8
Concen: 47.993 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion:	98	Resp:	207753
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 0.591 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032634.D

Acq: 07 Nov 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

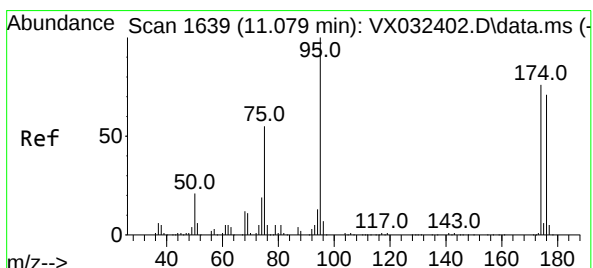
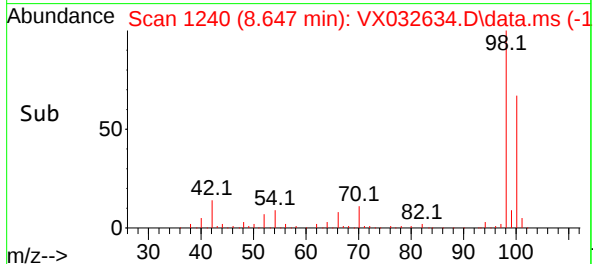
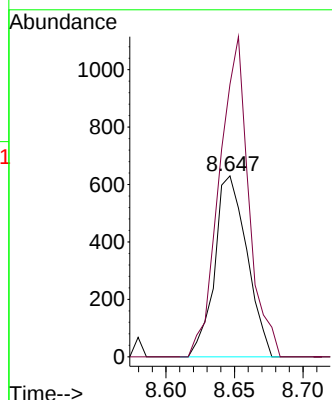
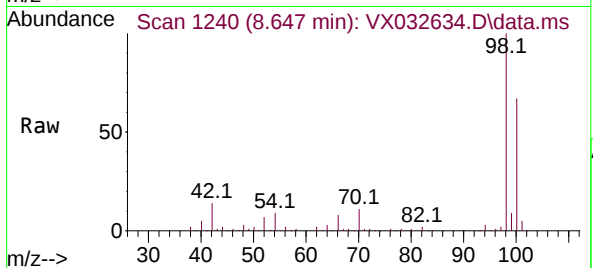
MW-11

Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

58 161.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 47.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032634.D

Acq: 07 Nov 2022 17:58

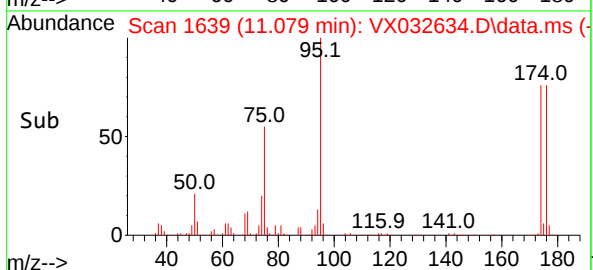
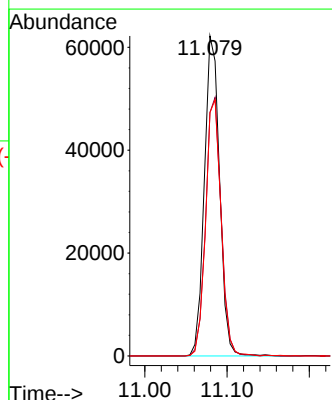
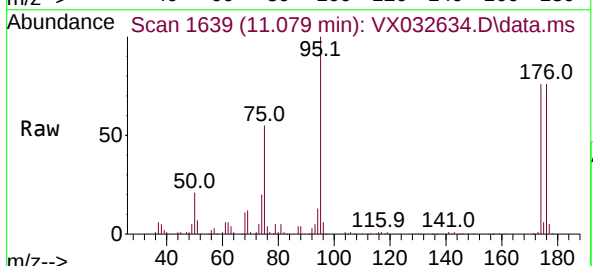
Tgt Ion: 95 Resp: 79928

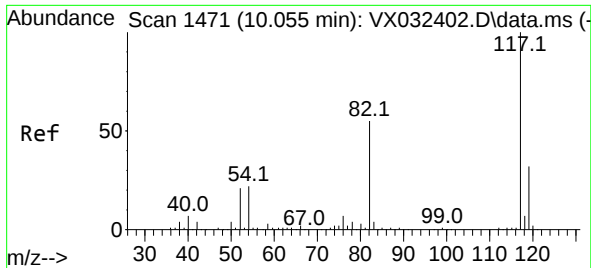
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 81.1 0.0 154.4

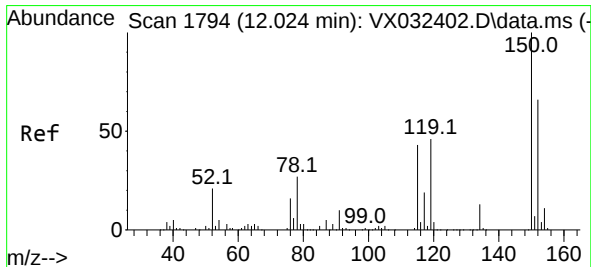
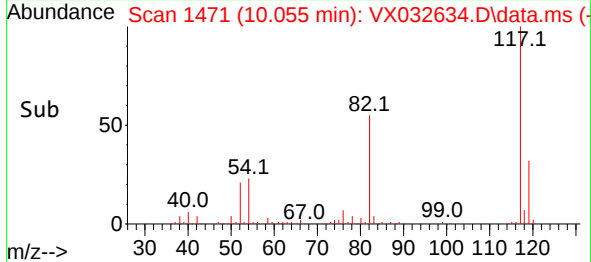
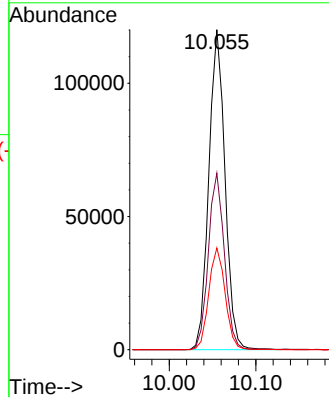
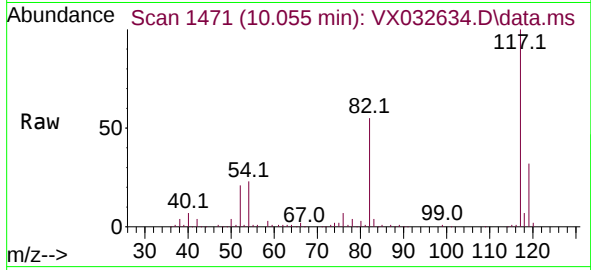




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

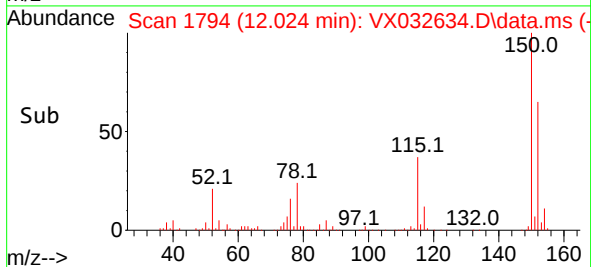
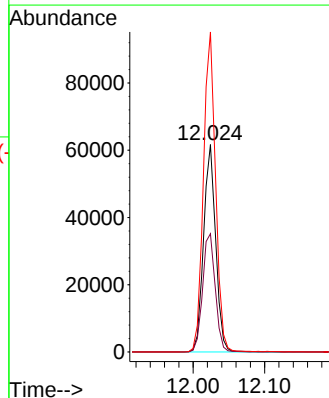
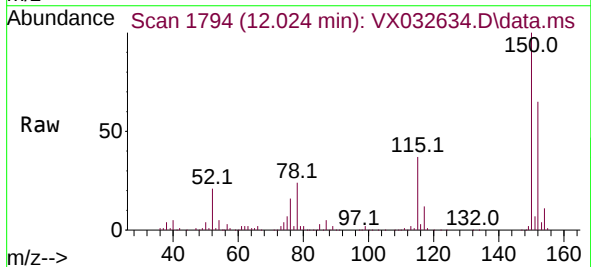
Instrument :
MSVOA_X
ClientSampleId :
MW-11

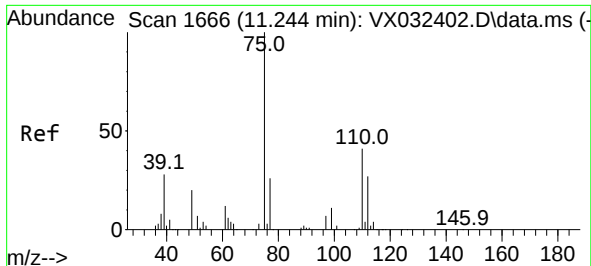
Tgt Ion:117 Resp: 155748
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion:152 Resp: 72537
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 154.9 0.0 351.8

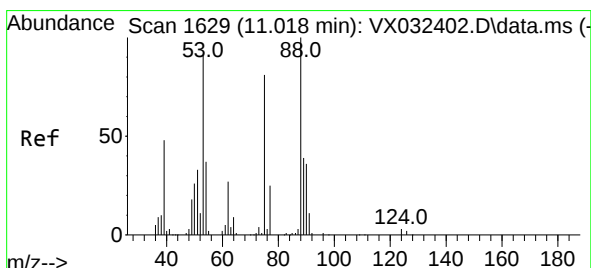
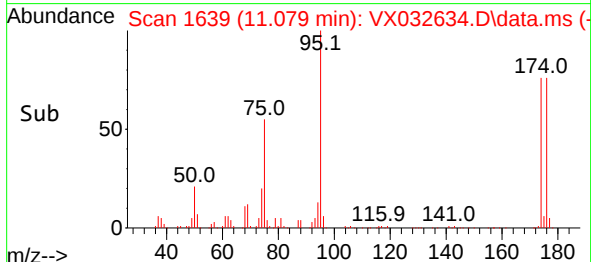
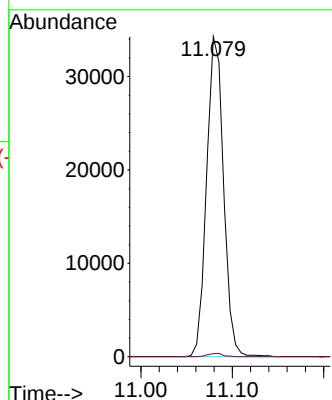
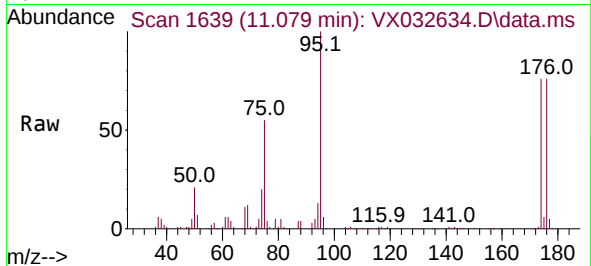




#76
1,2,3-Trichloropropane
Concen: 27.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion: 75 Resp: 44043
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032634.D
Acq: 07 Nov 2022 17:58

Tgt Ion: 75 Resp: 44043
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

