

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032828.D
 Acq On : 15 Nov 2022 17:21
 Operator : JC/MD
 Sample : N5614-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D

Quant Time: Nov 16 03:34:53 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)

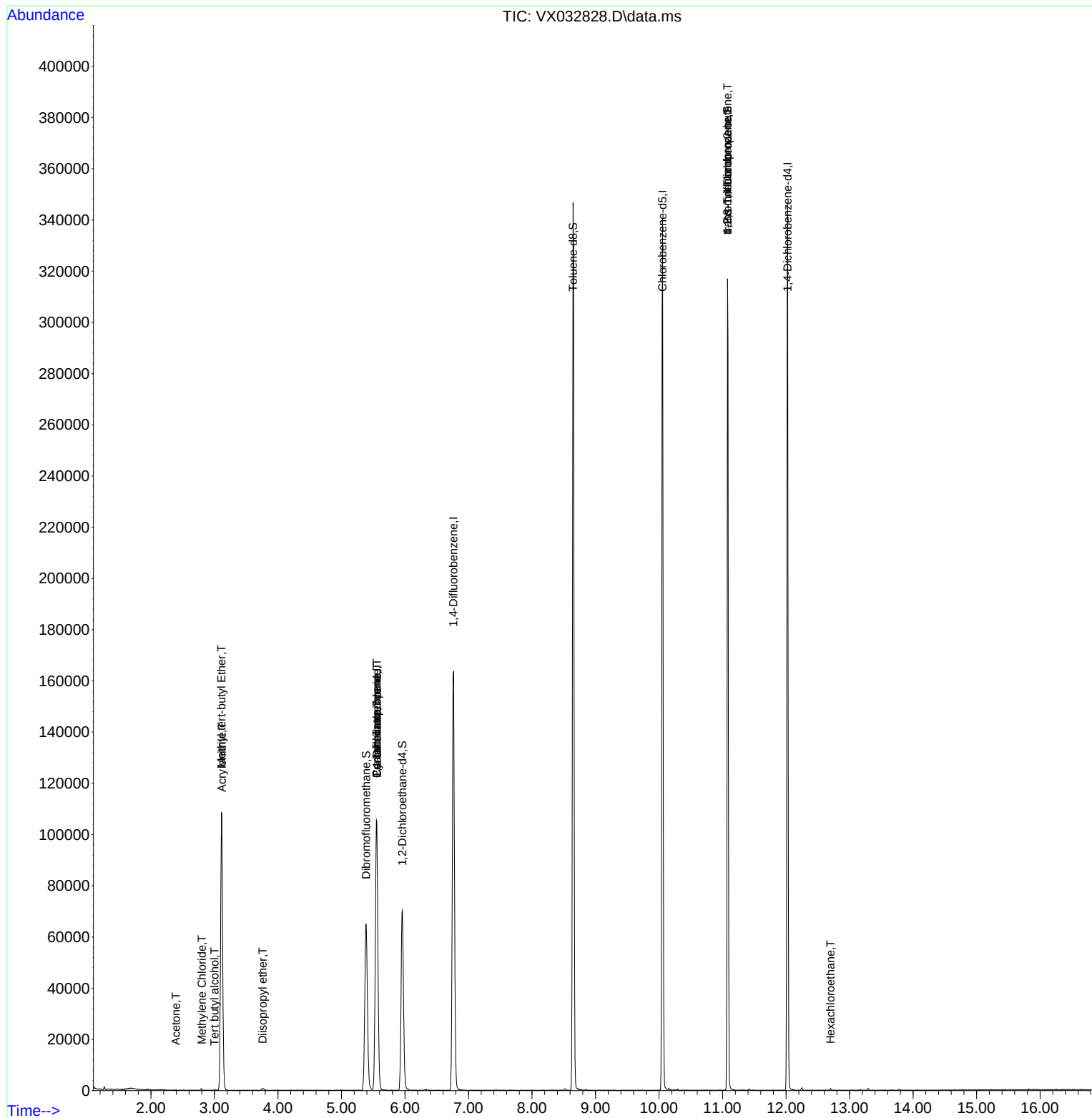
Internal Standards						
1) Pentafluorobenzene	5.556	168	100723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72318	51.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.340%	
35) Dibromofluoromethane	5.385	113	56747	47.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.140%	
50) Toluene-d8	8.647	98	204378	49.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	11.079	95	78102	48.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	360	1.767	ug/l #	72
15) Acrylonitrile	3.117	53	1430	2.587	ug/l #	30
16) Acetone	2.392	43	248	0.488	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	115432	32.514	ug/l	100
20) Methylene Chloride	2.800	84	313	0.268	ug/l #	53
22) Diisopropyl ether	3.757	45	876	0.252	ug/l #	84
31) Cyclohexane	5.556	56	2200	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7891	4.750	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10252	5.564	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	43001	27.233	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43001	86.655	ug/l #	6
90) Hexachloroethane	12.701	117	425	0.531	ug/l #	12

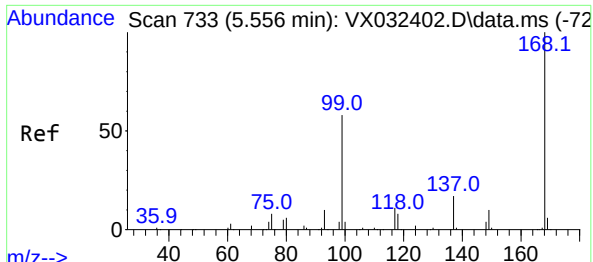
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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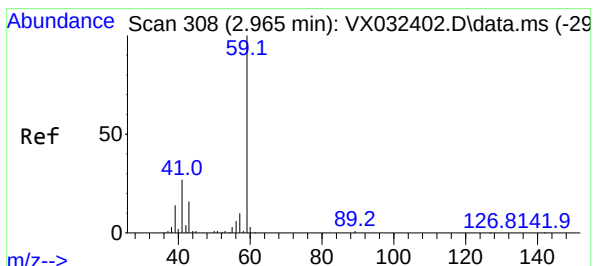
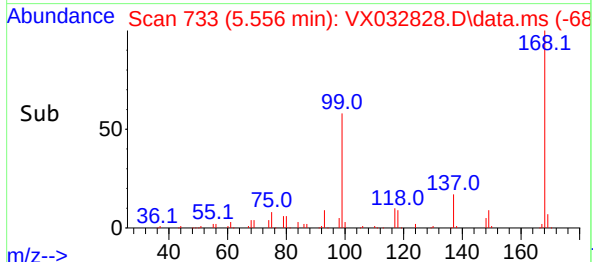
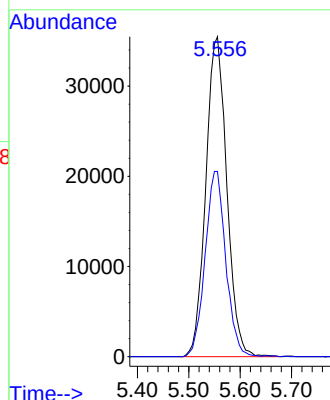
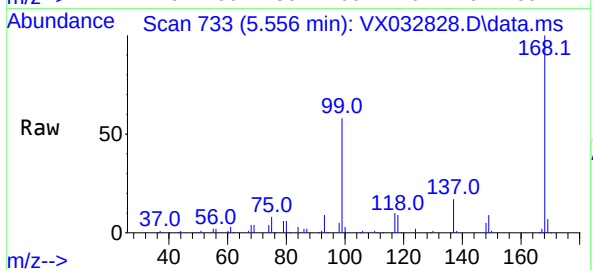




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

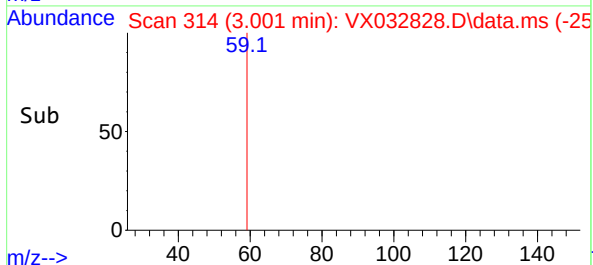
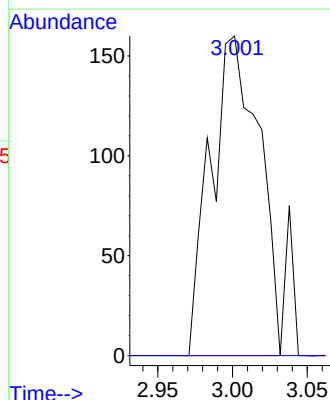
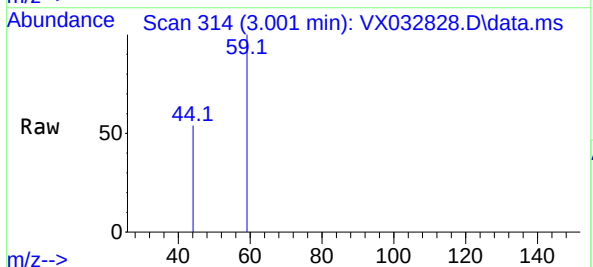
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

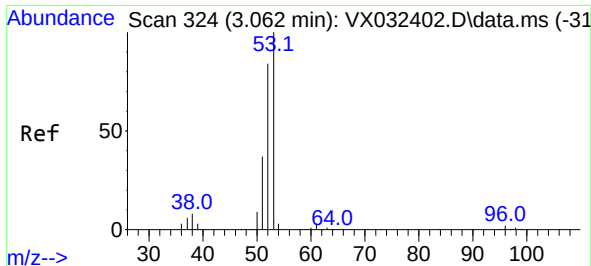
Tgt Ion:168 Resp: 100723
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.767 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.037 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

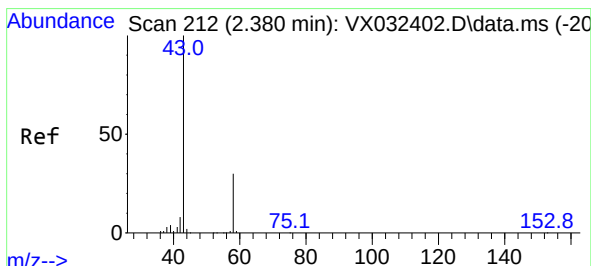
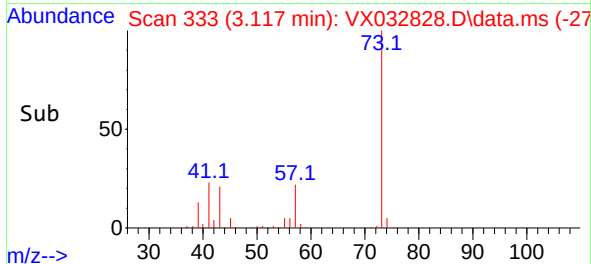
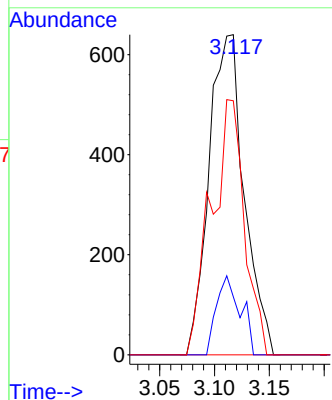
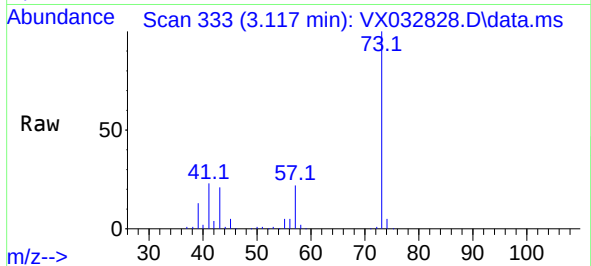




#15
Acrylonitrile
Concen: 2.587 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

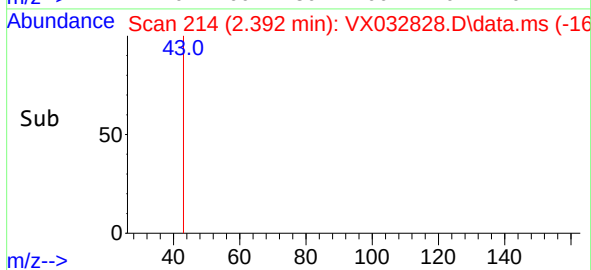
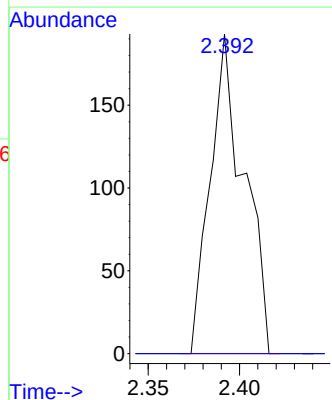
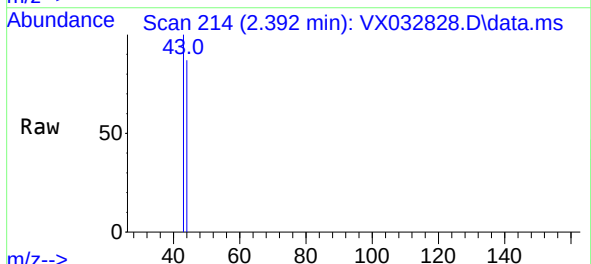
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

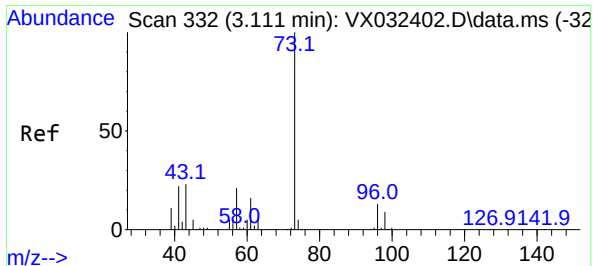
Tgt Ion: 53 Resp: 1430
Ion Ratio Lower Upper
53 100
52 16.7 67.4 101.0#
51 75.0 30.3 45.5#



#16
Acetone
Concen: 0.488 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

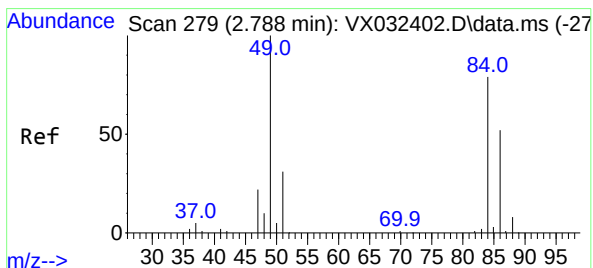
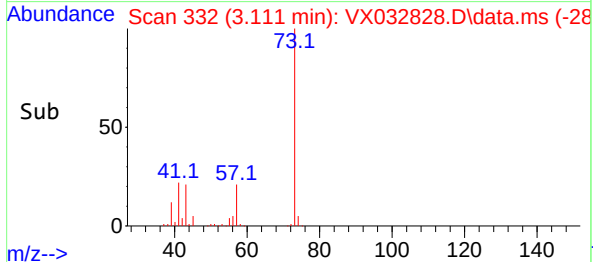
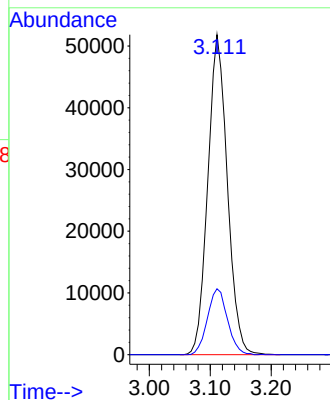
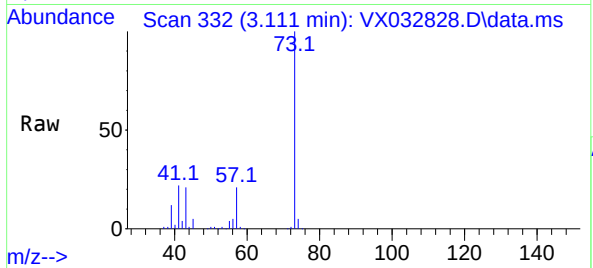




#19
Methyl tert-butyl Ether
Concen: 32.514 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

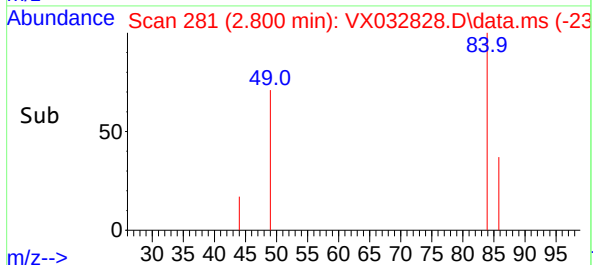
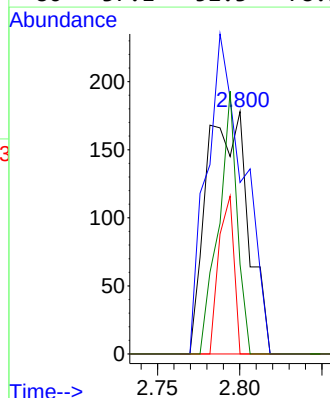
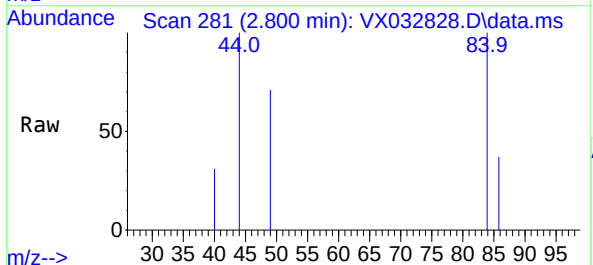
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

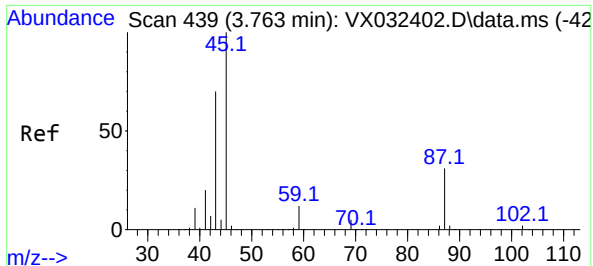
Tgt Ion: 73 Resp: 115432
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 84 Resp: 313
Ion Ratio Lower Upper
84 100
49 70.8 101.0 151.6#
51 0.0 31.1 46.7#
86 37.1 52.3 78.5#

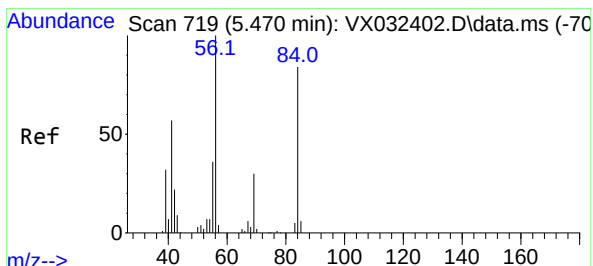
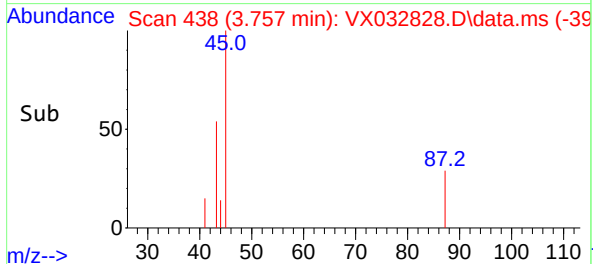
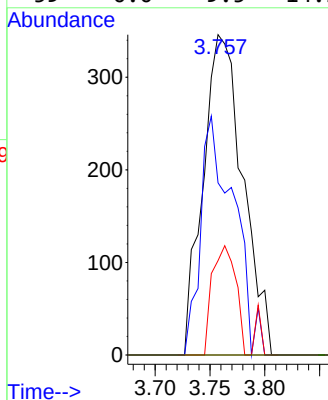
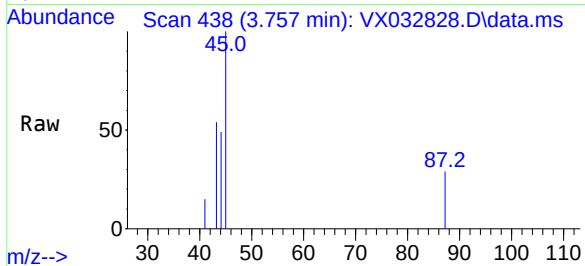




#22
Diisopropyl ether
Concen: 0.252 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

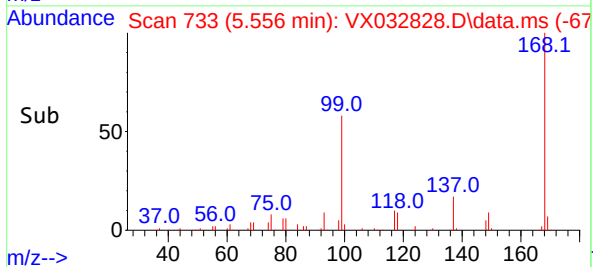
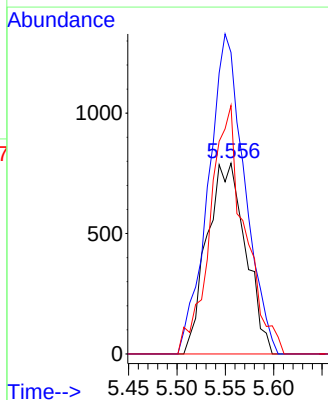
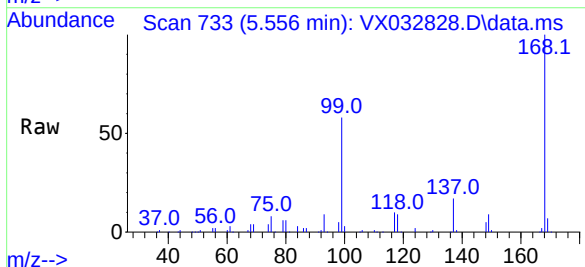
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

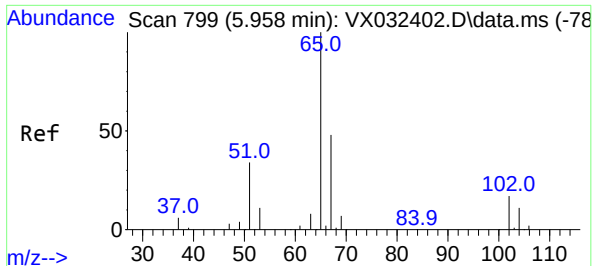
Tgt Ion:	45	Resp:	876
Ion	Ratio	Lower	Upper
45	100		
43	53.8	56.4	84.6#
87	29.5	24.4	36.6
59	0.0	9.5	14.3#



#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion:	56	Resp:	2200
Ion	Ratio	Lower	Upper
56	100		
69	158.1	24.1	36.1#
84	130.3	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.673 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032828.D

Acq: 15 Nov 2022 17:21

Instrument :

MSVOA_X

ClientSampleId :

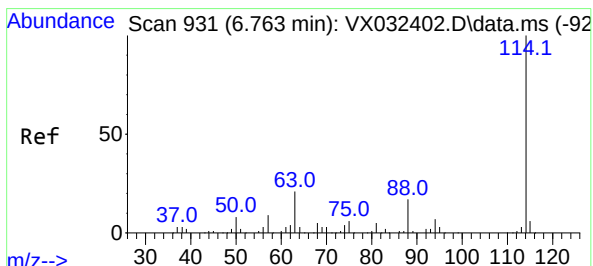
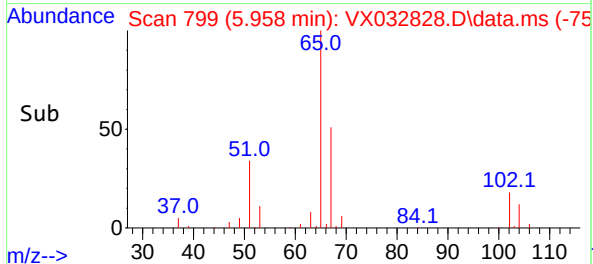
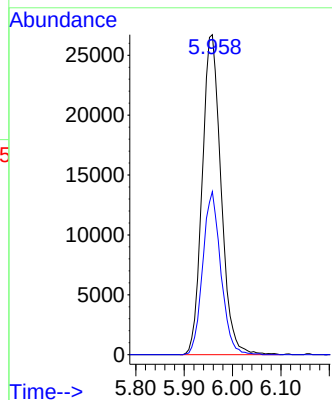
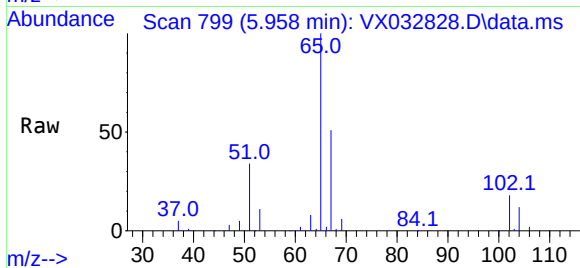
MW-22D

Tgt Ion: 65 Resp: 72318

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032828.D

Acq: 15 Nov 2022 17:21

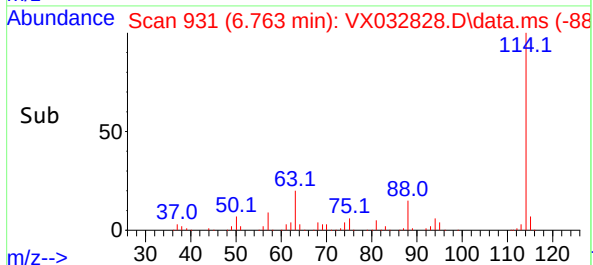
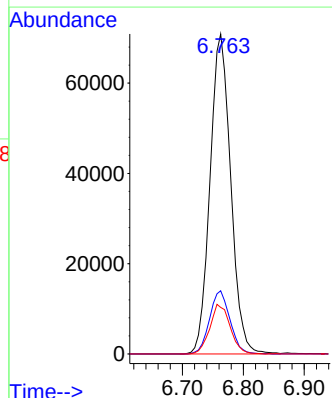
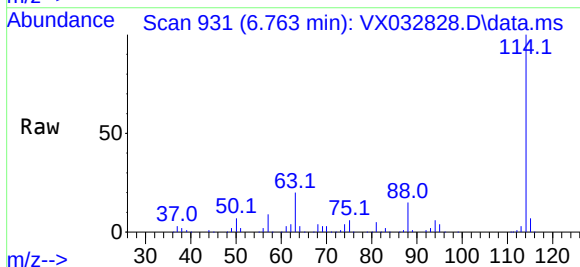
Tgt Ion: 114 Resp: 167230

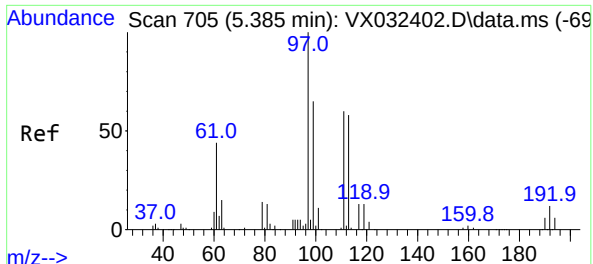
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 14.6 0.0 33.4

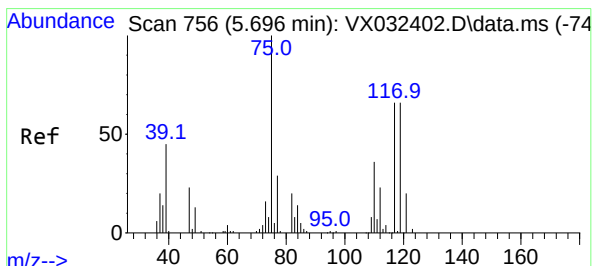
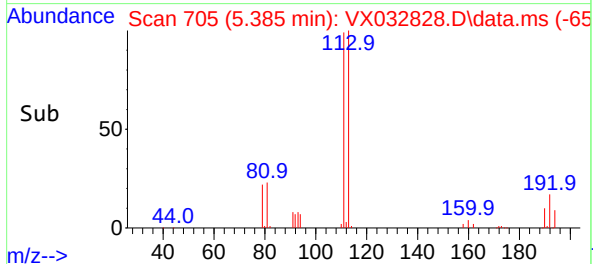
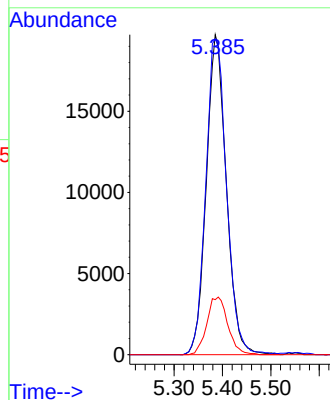
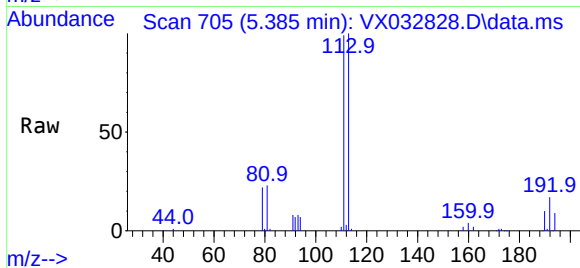




#35
Dibromofluoromethane
Concen: 47.572 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

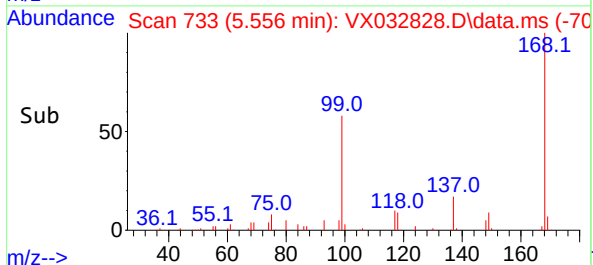
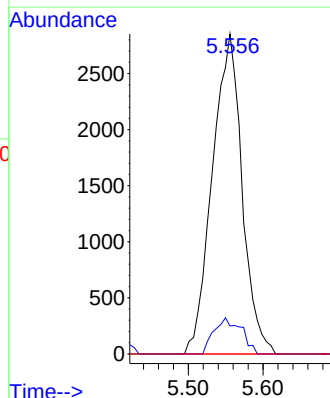
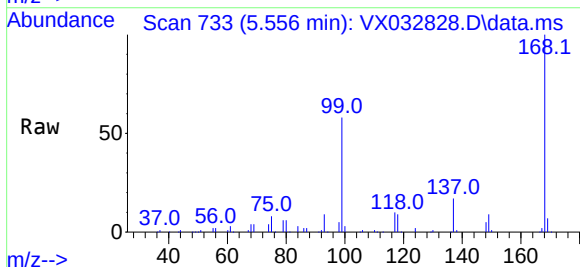
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MW-22D

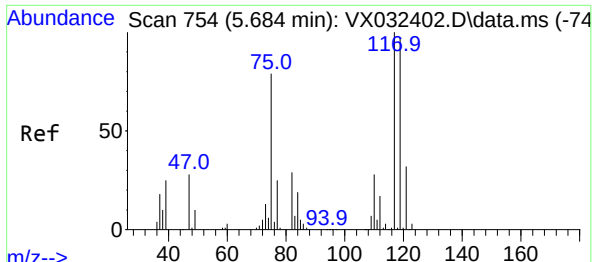
Tgt Ion:113 Resp: 56747
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 75 Resp: 7891
Ion Ratio Lower Upper
75 100
110 10.4 18.4 55.2#
77 0.0 24.5 36.7#

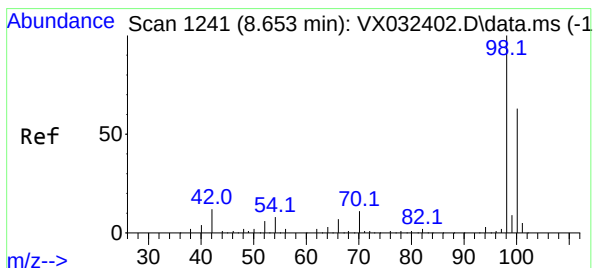
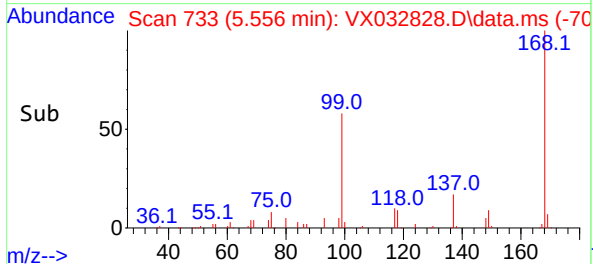
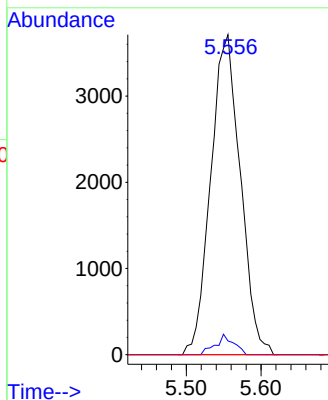
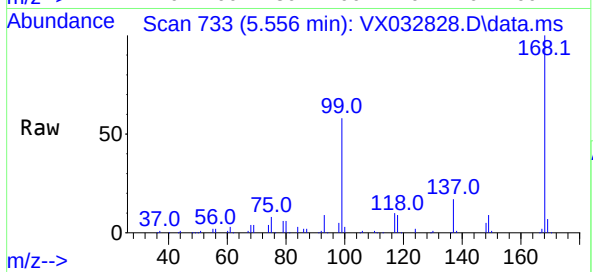




#38
Carbon Tetrachloride
Concen: 5.564 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

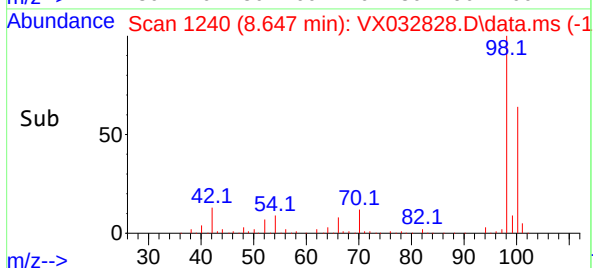
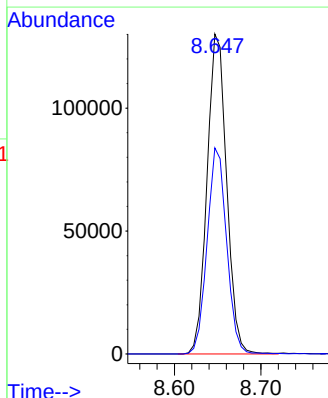
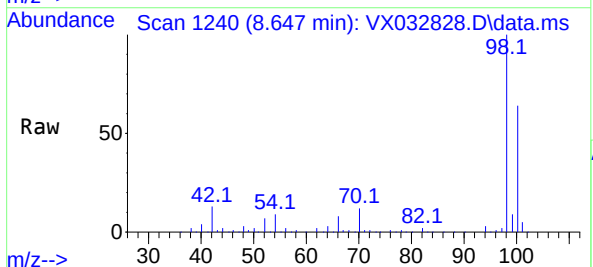
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

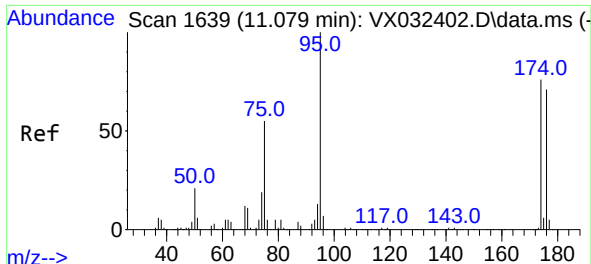
Tgt Ion:117 Resp: 10252
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 98 Resp: 204378
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

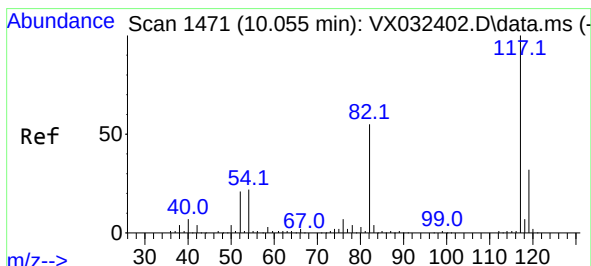
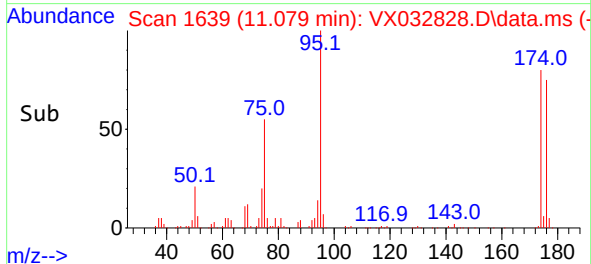
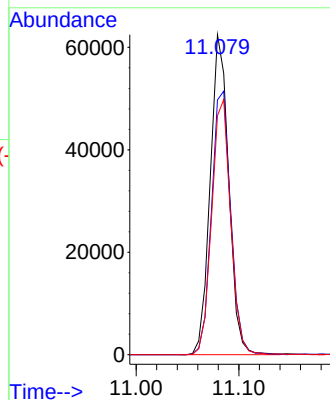
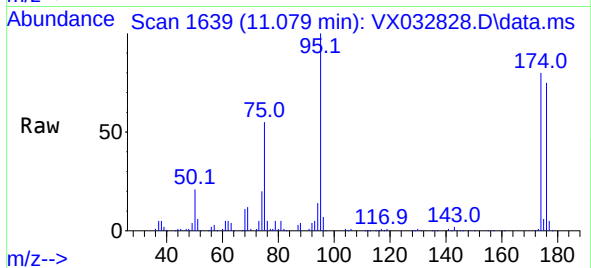




#62
4-Bromofluorobenzene
Concen: 48.204 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

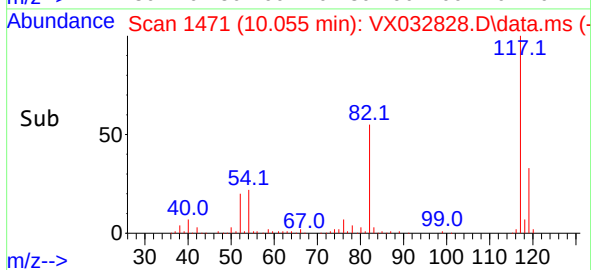
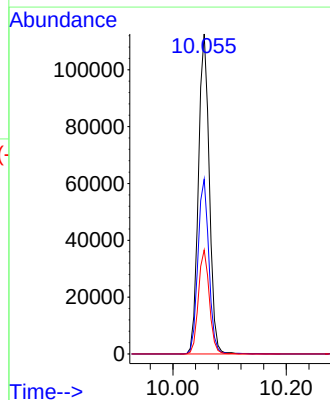
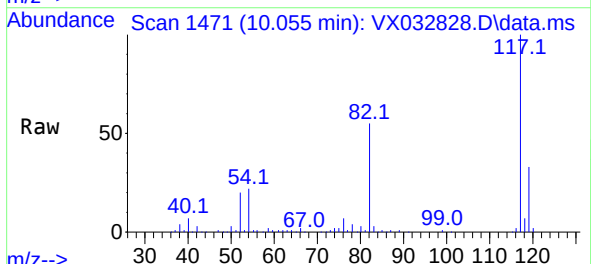
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

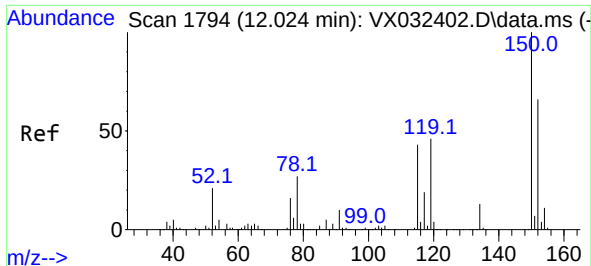
Tgt Ion: 95 Resp: 78102
Ion Ratio Lower Upper
95 100
174 85.5 0.0 164.0
176 81.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 117 Resp: 150037
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.5 25.7 38.5

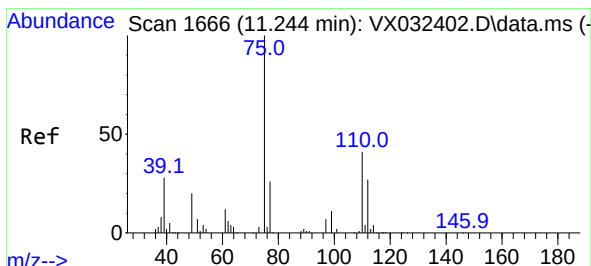
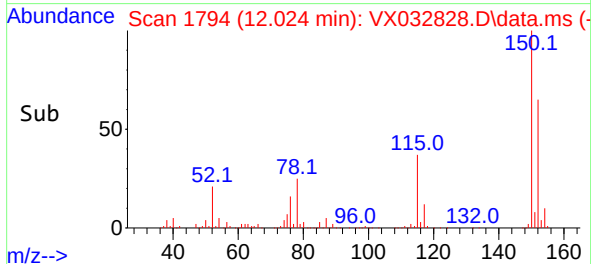
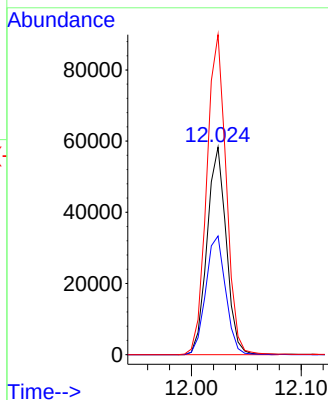
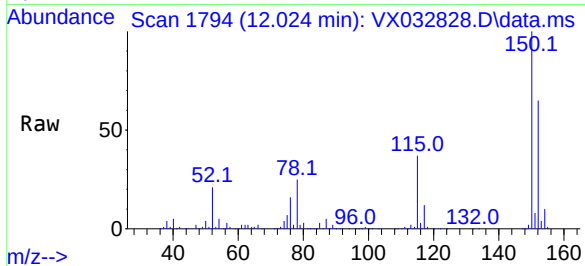




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

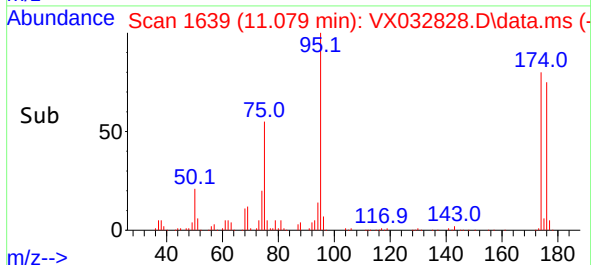
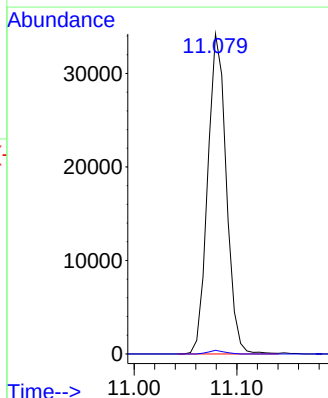
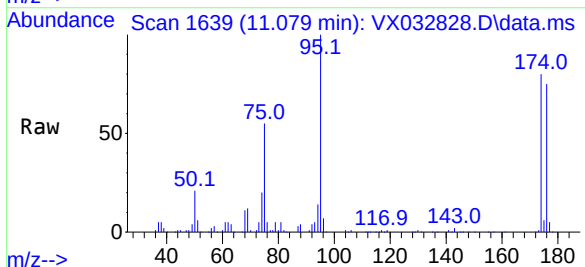
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

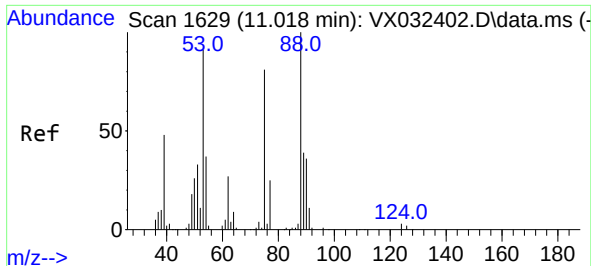
Tgt Ion:152 Resp: 70975
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 156.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 75 Resp: 43001
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

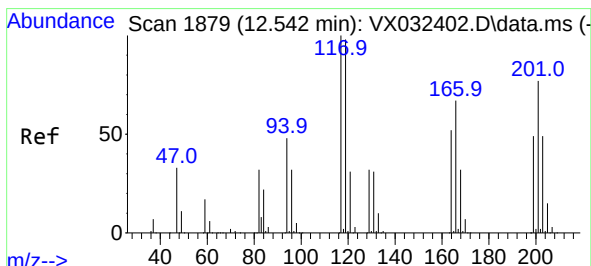
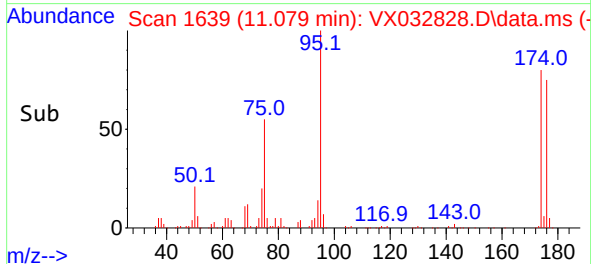
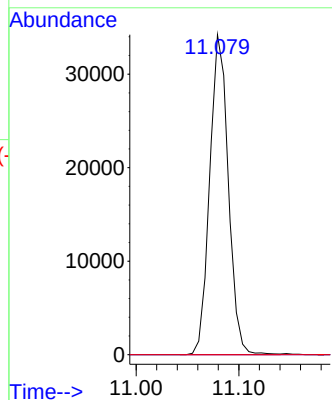
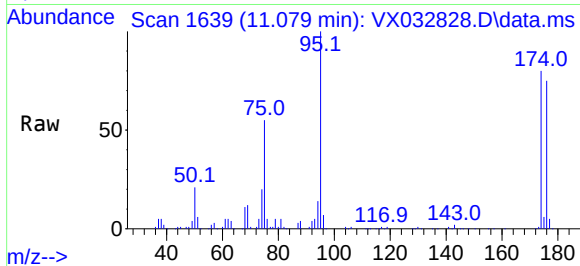




#81
trans-1,4-Dichloro-2-butene
Concen: 86.655 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Instrument :
MSVOA_X
ClientSampleId :
MW-22D

Tgt Ion: 75 Resp: 43001
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#90
Hexachloroethane
Concen: 0.531 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.158 min
Lab File: VX032828.D
Acq: 15 Nov 2022 17:21

Tgt Ion: 117 Resp: 425
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

