

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027411.D
 Acq On : 11 Mar 2022 18:51
 Operator : JC/MD
 Sample : N1895-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 11 23:14:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

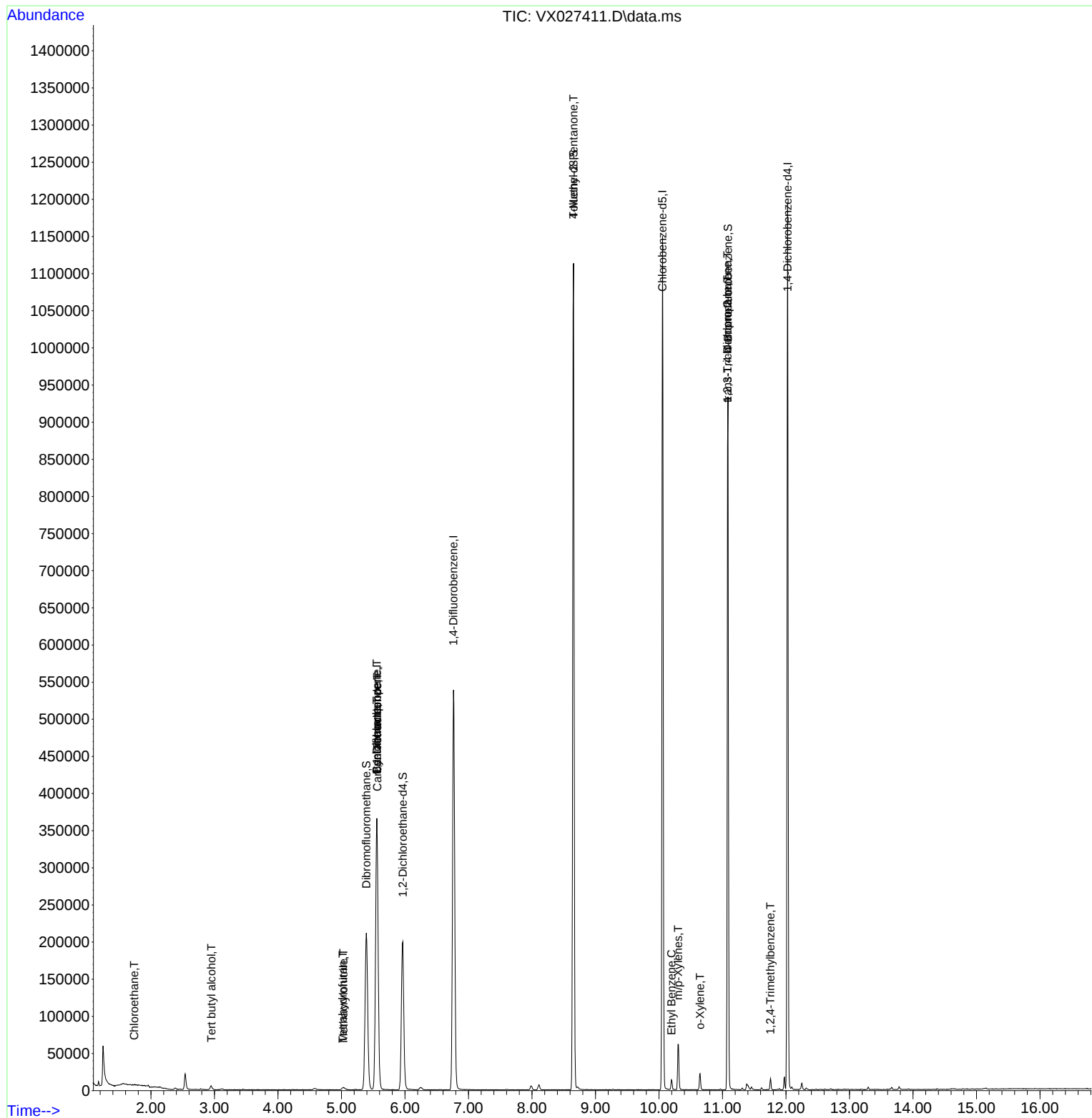
Internal Standards						
1) Pentafluorobenzene	5.556	168	376812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	188554	42.910	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.820%
35) Dibromofluoromethane	5.391	113	190172	48.808	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.620%
50) Toluene-d8	8.653	98	709087	48.206	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	259406	46.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	463	Below Cal	#	65
6) Chloroethane	1.734	64	367	0.591	ug/l #	53
11) Tert butyl alcohol	2.953	59	3131	3.635	ug/l #	72
16) Acetone	2.386	43	2355	Below Cal		99
29) Tetrahydrofuran	5.019	42	3256	1.626	ug/l	93
31) Cyclohexane	5.556	56	5427	0.883	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23271	4.302	ug/l #	50
38) Carbon Tetrachloride	5.562	117	34938	6.246	ug/l #	16
41) Methacrylonitrile	5.032	41	1870	0.608	ug/l #	37
51) 4-Methyl-2-Pentanone	8.653	43	2203	0.383	ug/l #	1
67) Ethyl Benzene	10.195	91	8208	0.402	ug/l	100
68) m/p-Xylenes	10.299	106	16270	2.030	ug/l	99
69) o-Xylene	10.647	106	5404	0.683	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	115258	20.138	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	115258	65.128	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6841	0.422	ug/l	99

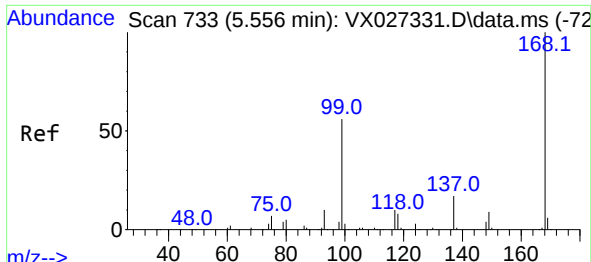
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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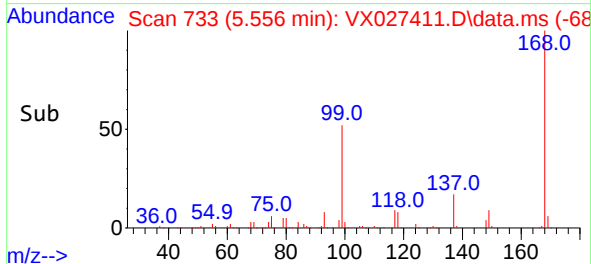
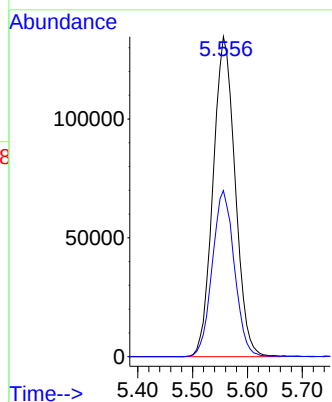
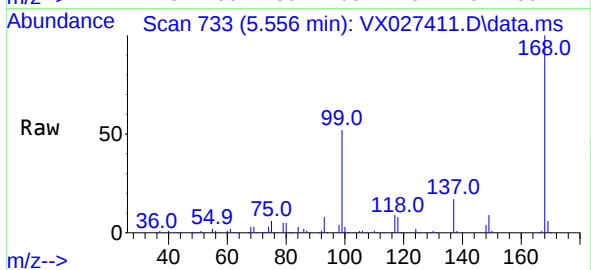




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

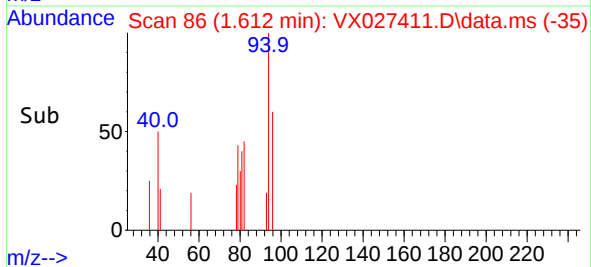
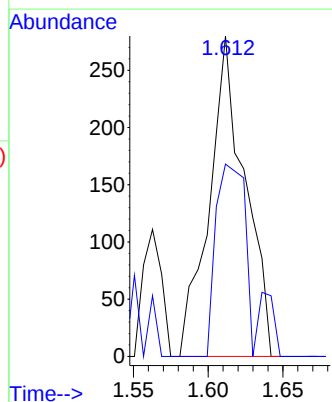
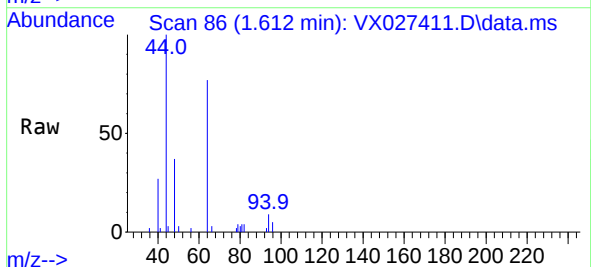
Instrument :
MSVOA_X
ClientSampleId :
MW-2

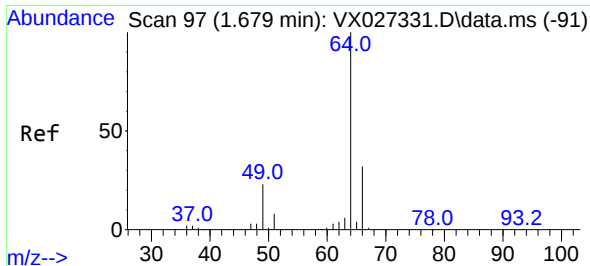
Tgt Ion:168 Resp: 376812
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 60.0 75.3 112.9#

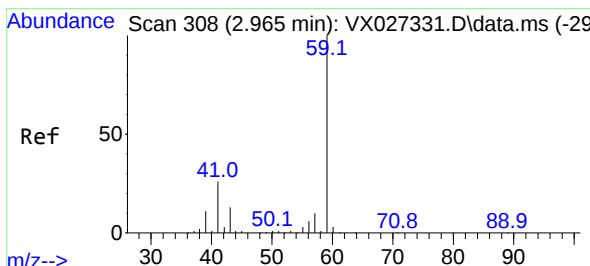
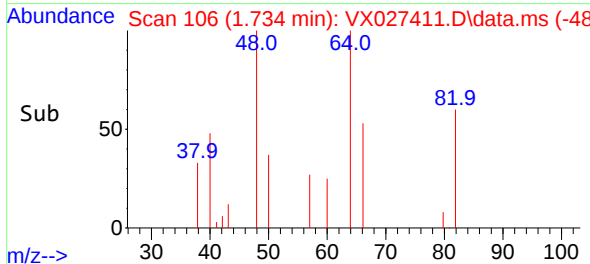
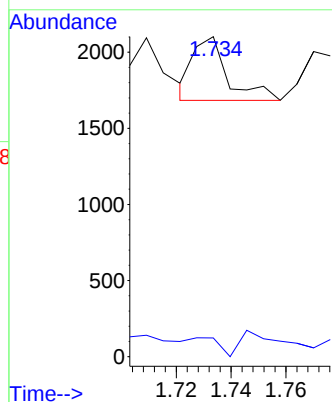
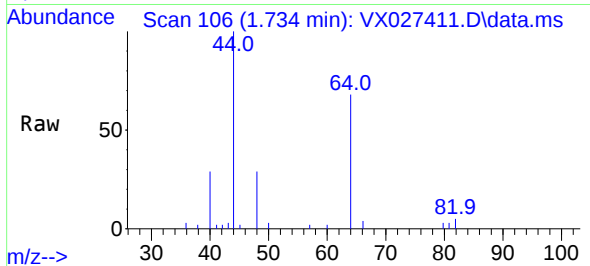




#6
Chloroethane
Concen: 0.591 ug/l
RT: 1.734 min Scan# 106
Delta R.T. 0.054 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

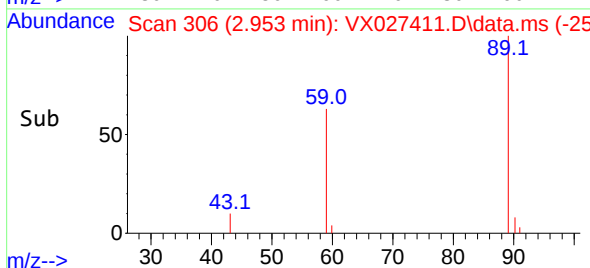
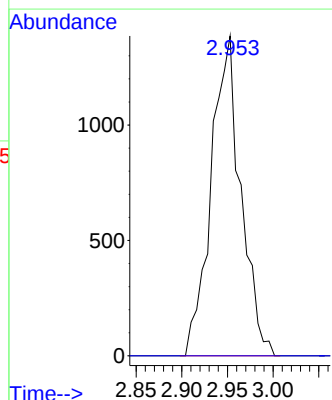
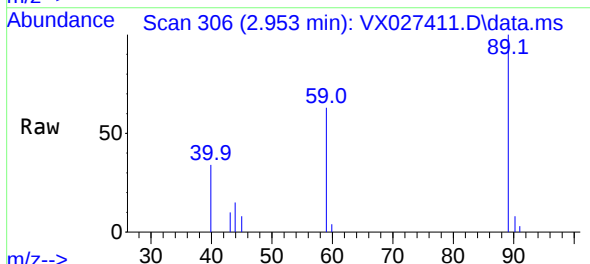
Instrument :
MSVOA_X
ClientSampleId :
MW-2

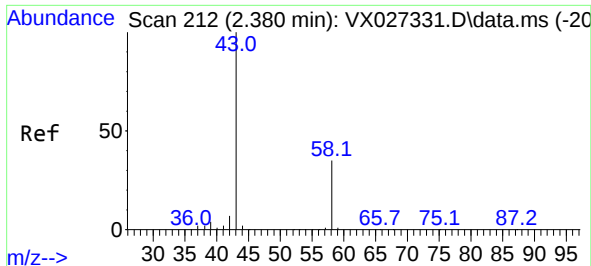
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 5.5 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.635 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 59 Resp: 3131
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

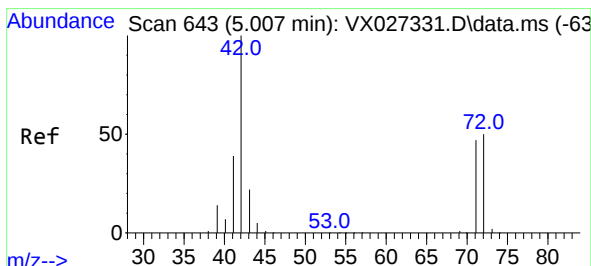
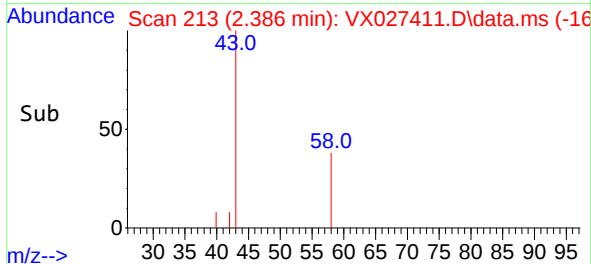
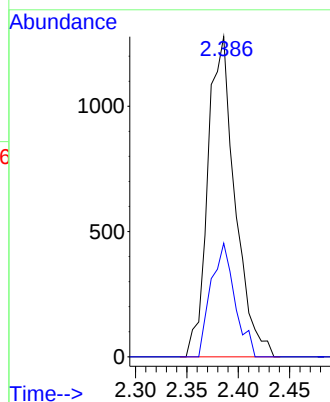
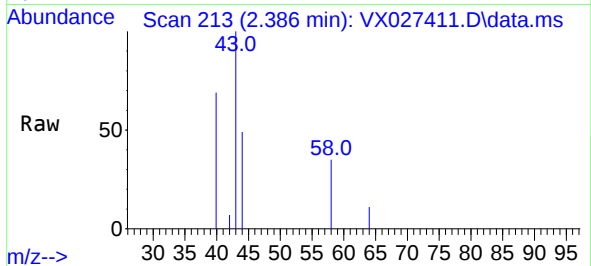




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

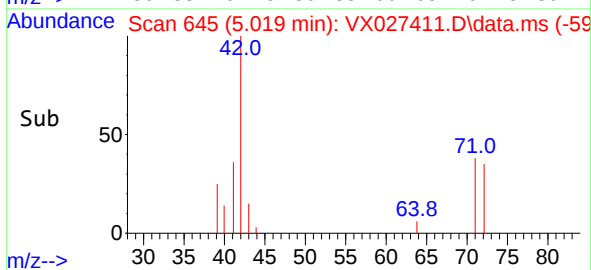
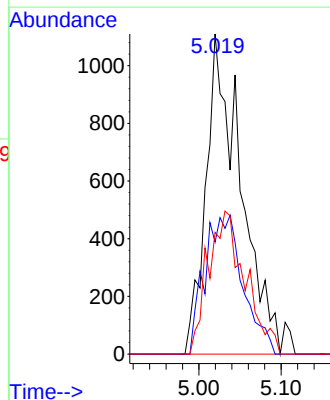
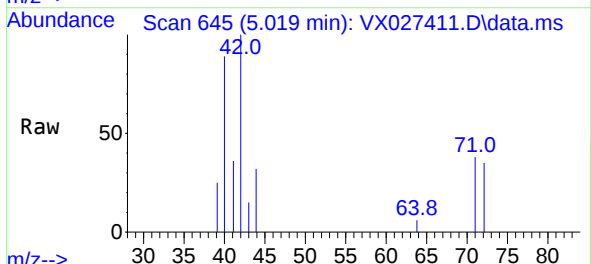
Instrument :
MSVOA_X
ClientSampleId :
MW-2

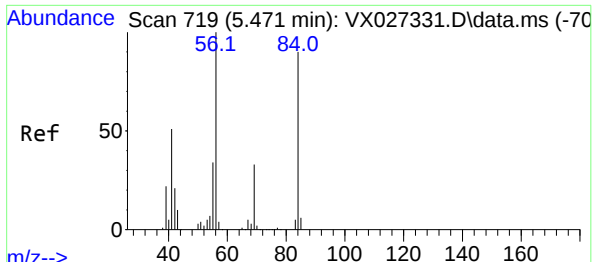
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2



#29
Tetrahydrofuran
Concen: 1.626 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.013 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 42 Resp: 3256
Ion Ratio Lower Upper
42 100
72 47.7 44.1 66.1
71 47.5 40.5 60.7

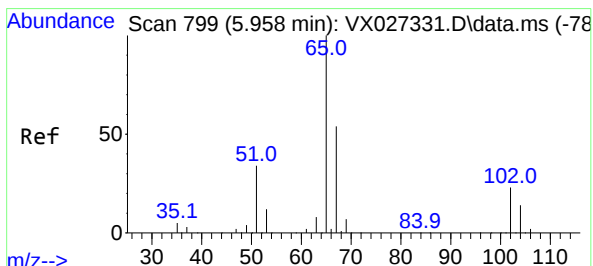
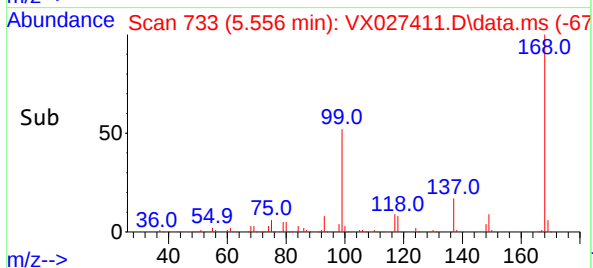
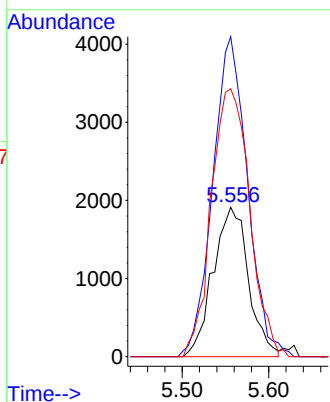
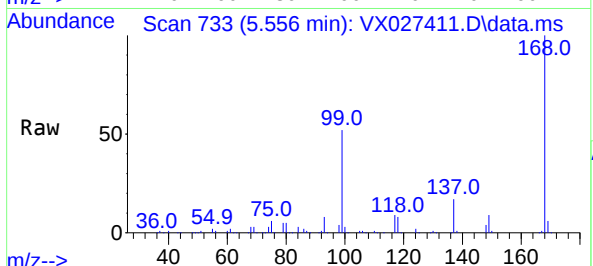




#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

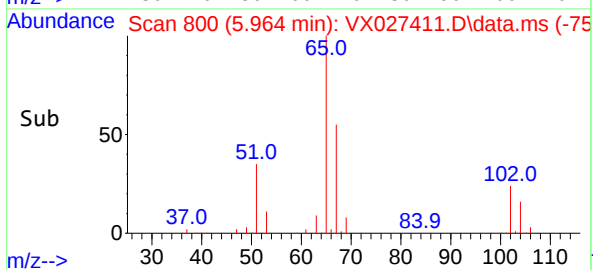
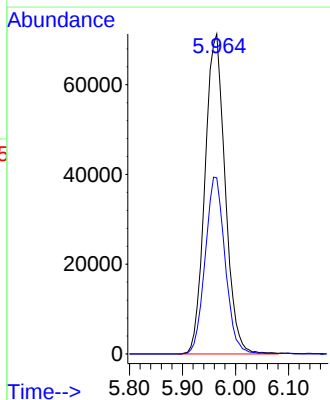
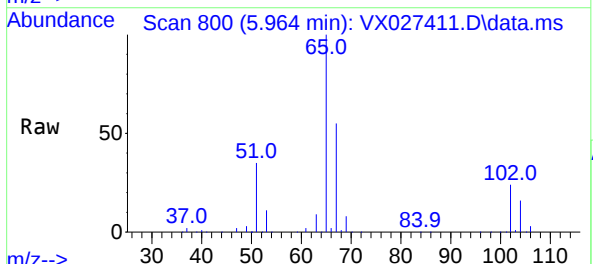
Instrument :
MSVOA_X
ClientSampleId :
MW-2

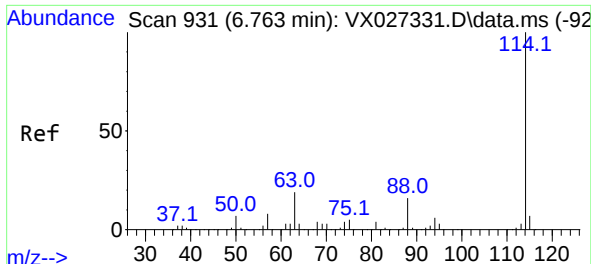
Tgt Ion: 56 Resp: 5427
Ion Ratio Lower Upper
56 100
69 214.2 26.7 40.1#
84 179.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.910 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 65 Resp: 188554
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.4

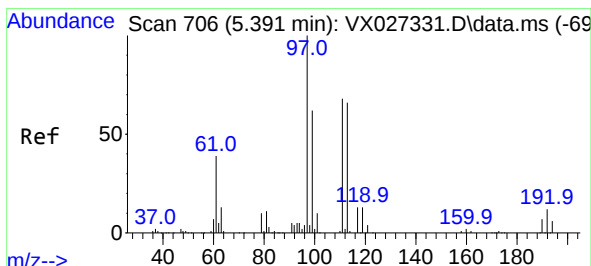
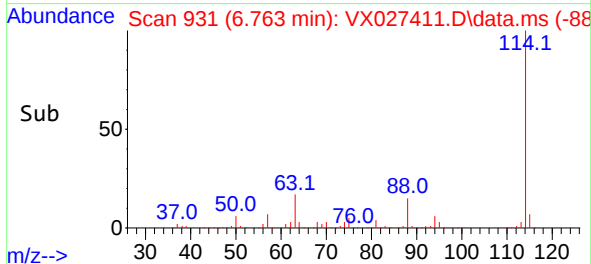
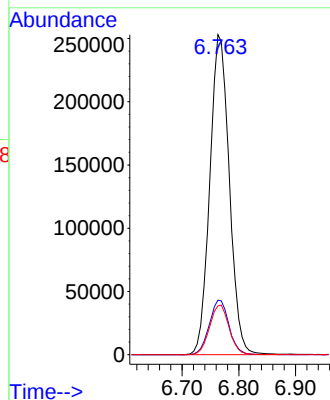
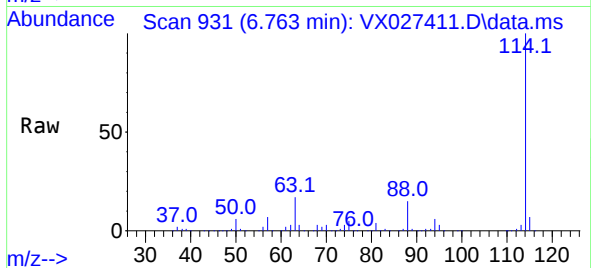




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

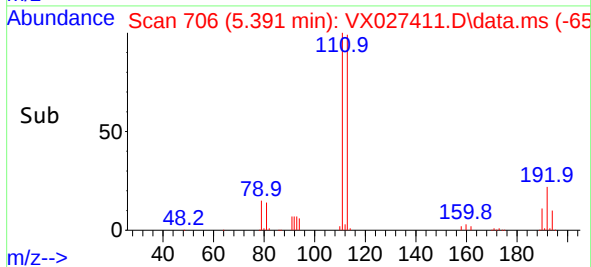
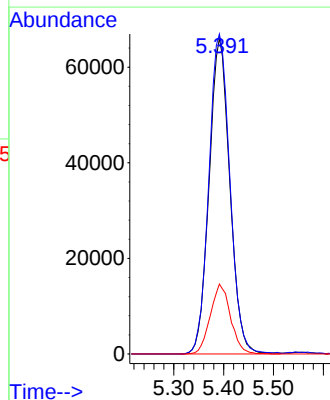
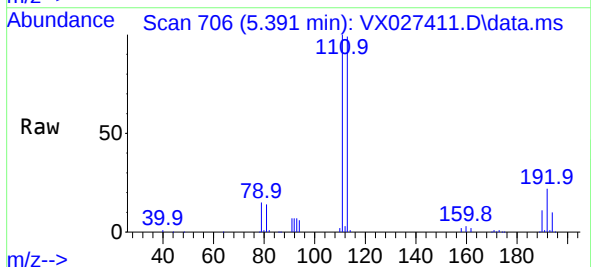
Instrument :
MSVOA_X
ClientSampleId :
MW-2

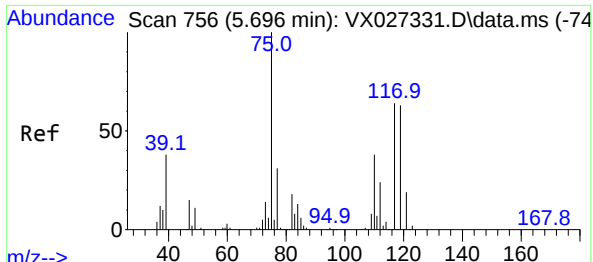
Tgt Ion:114 Resp: 603833
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.808 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion:113 Resp: 190172
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 21.7 16.9 25.3

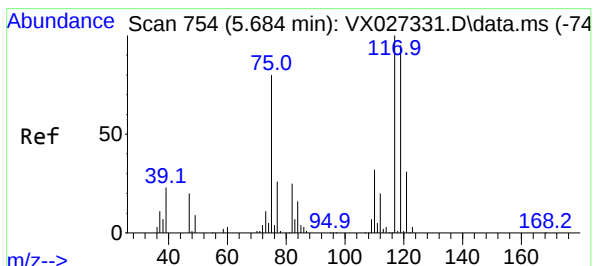
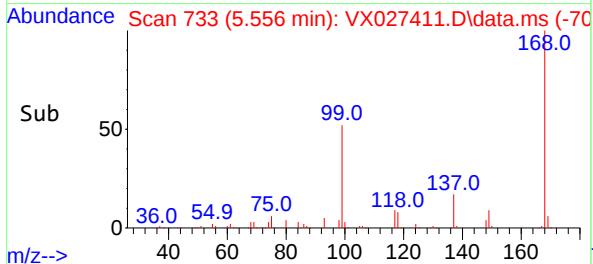
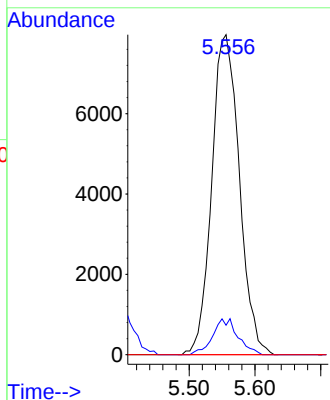
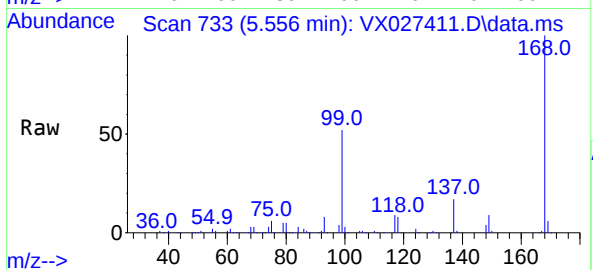




#36
1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

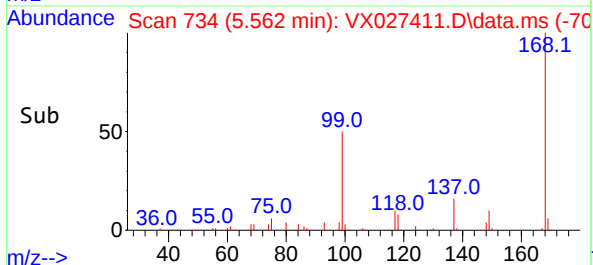
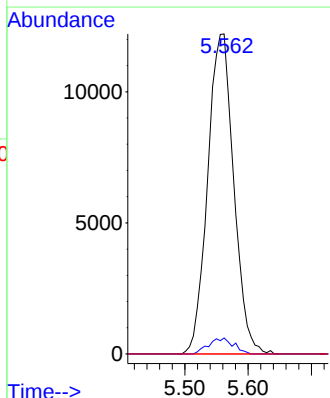
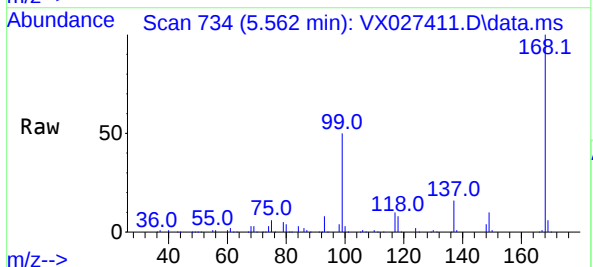
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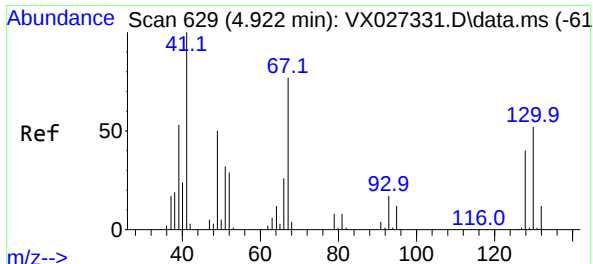
Tgt Ion: 75 Resp: 23271
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 117 Resp: 34938
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



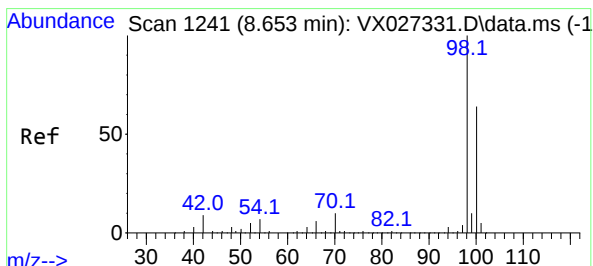
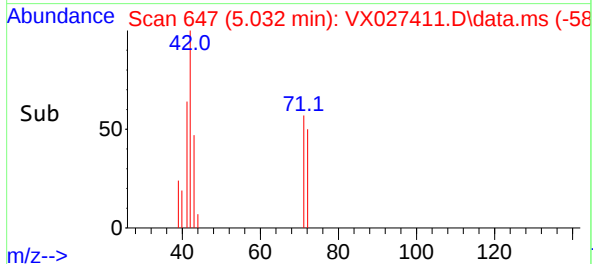
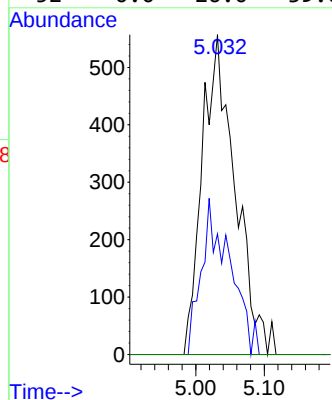
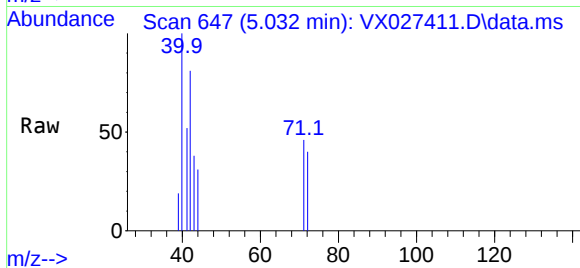


#41
Methacrylonitrile
Concen: 0.608 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 41 Resp: 1870

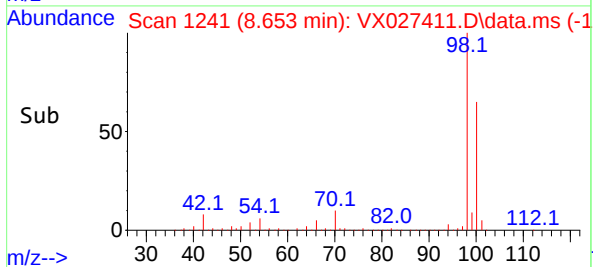
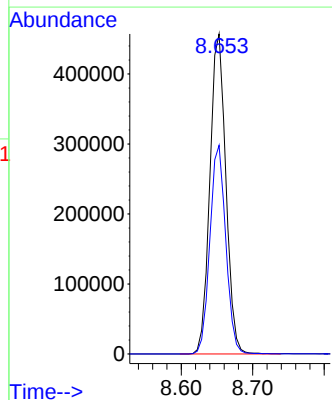
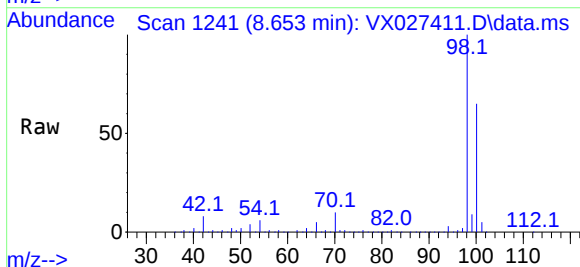
Ion	Ratio	Lower	Upper
41	100		
39	42.1	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#

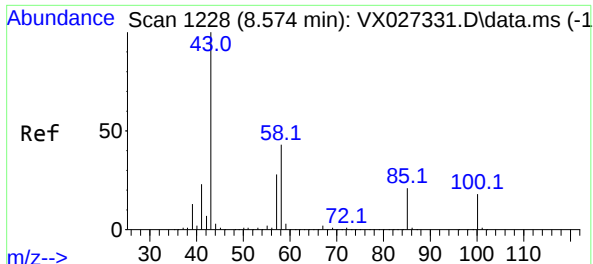


#50
Toluene-d8
Concen: 48.206 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 98 Resp: 709087

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 0.383 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX027411.D

Acq: 11 Mar 2022 18:51

Instrument :

MSVOA_X

ClientSampleId :

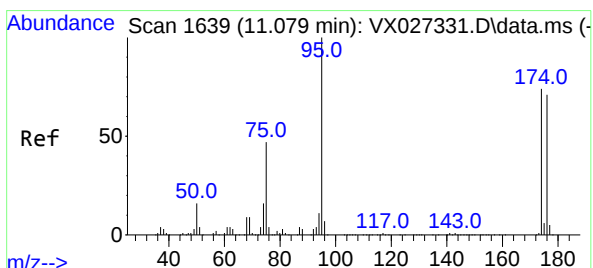
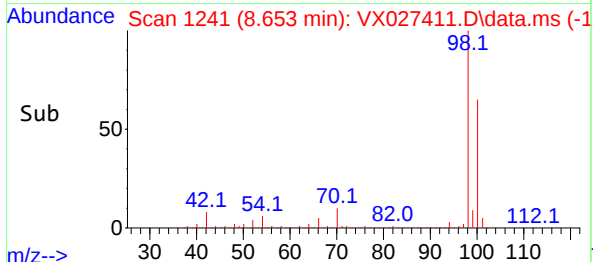
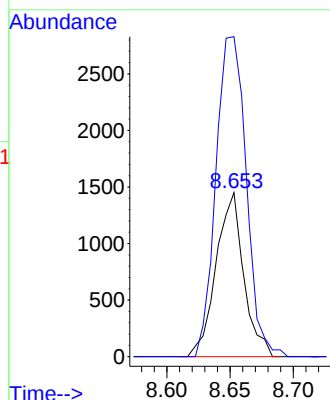
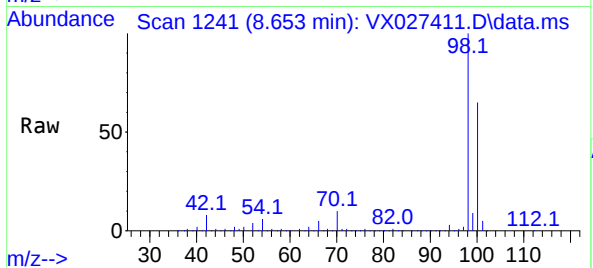
MW-2

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

58 214.0 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 46.271 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027411.D

Acq: 11 Mar 2022 18:51

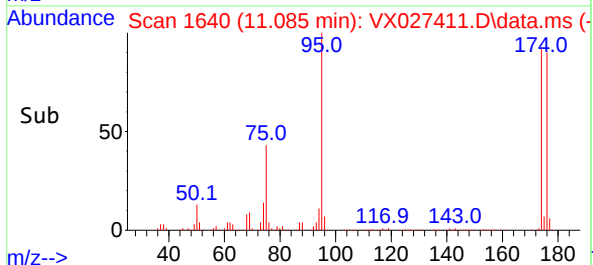
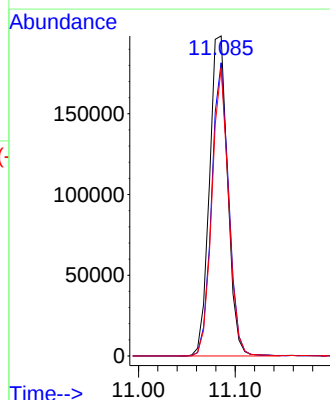
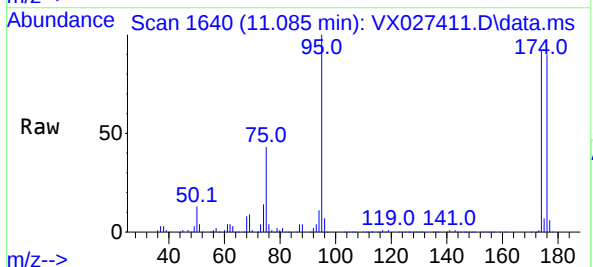
Tgt Ion: 95 Resp: 259406

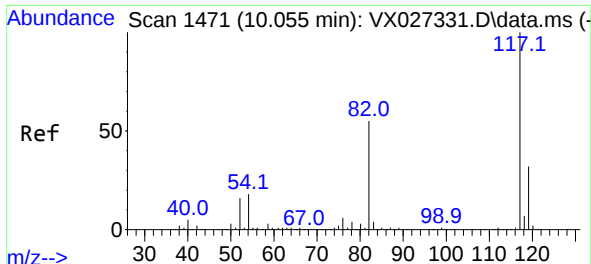
Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.0

176 82.6 0.0 155.0

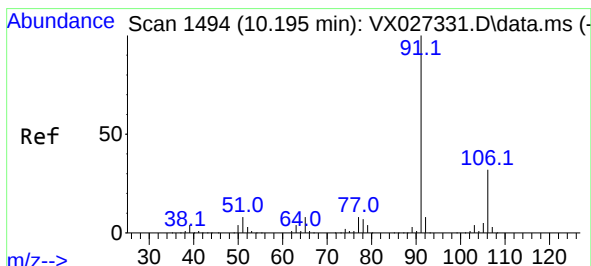
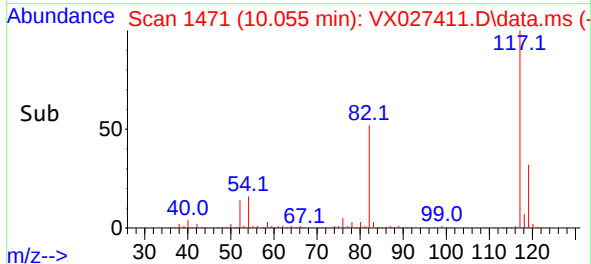
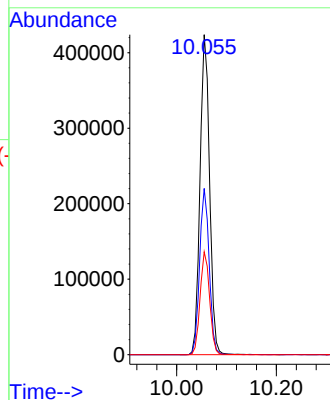
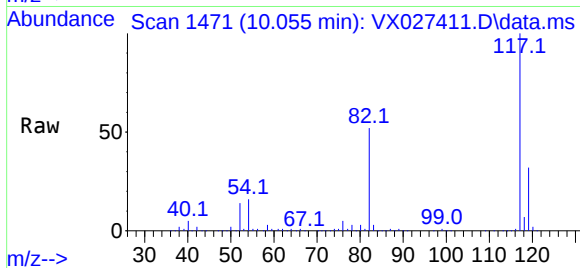




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

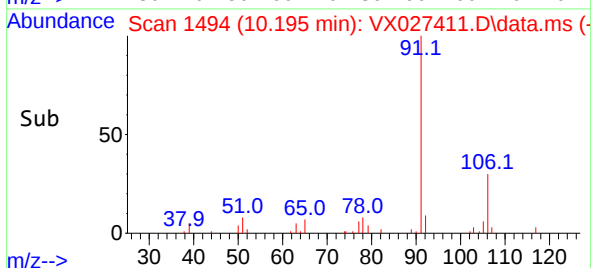
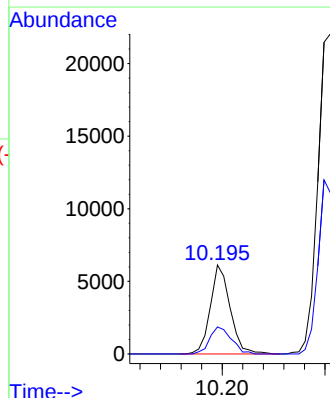
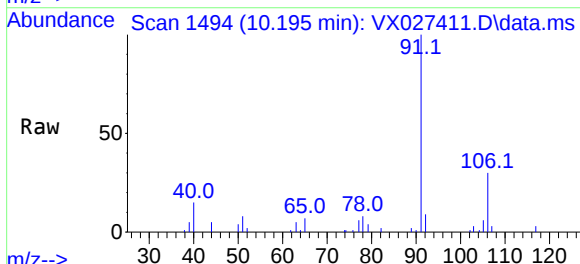
Instrument :
MSVOA_X
ClientSampleId :
MW-2

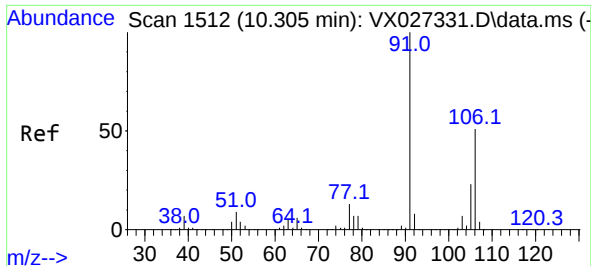
Tgt Ion:117 Resp: 563098
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.1 24.8 37.2



#67
Ethyl Benzene
Concen: 0.402 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 91 Resp: 8208
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

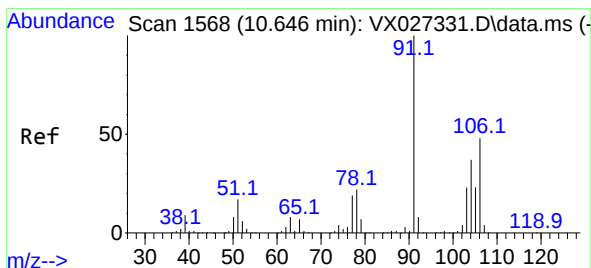
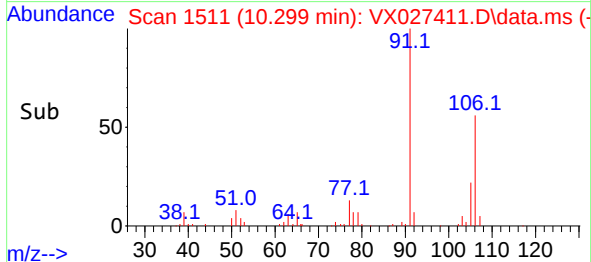
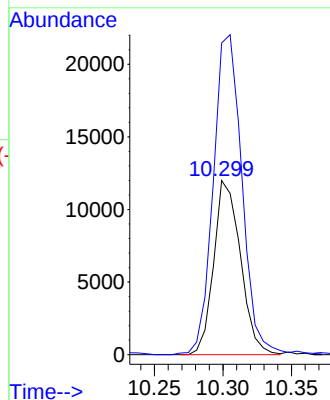
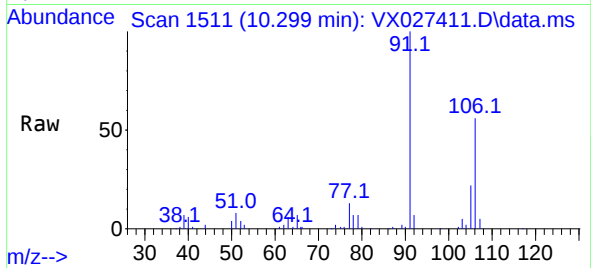




#68
m/p-Xylenes
Concen: 2.030 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

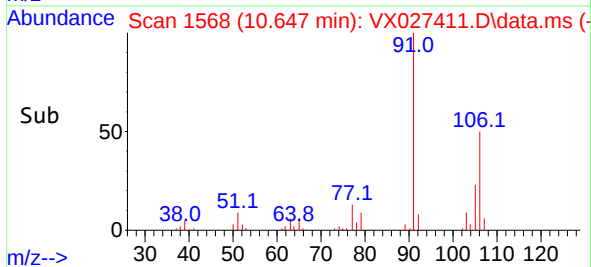
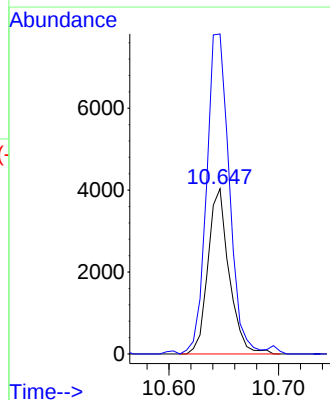
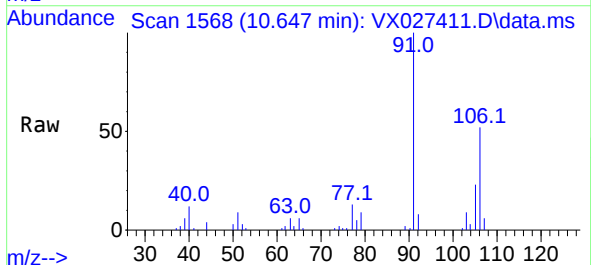
Instrument :
MSVOA_X
ClientSampleId :
MW-2

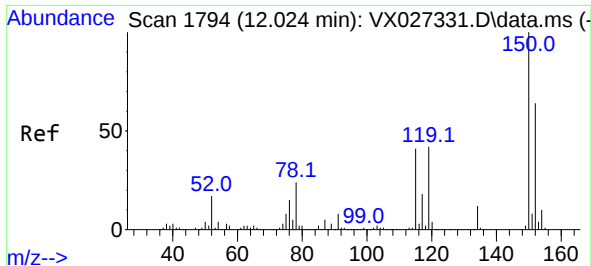
Tgt Ion:106 Resp: 16270
Ion Ratio Lower Upper
106 100
91 198.7 160.4 240.6



#69
o-Xylene
Concen: 0.683 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion:106 Resp: 5404
Ion Ratio Lower Upper
106 100
91 208.7 106.1 318.1

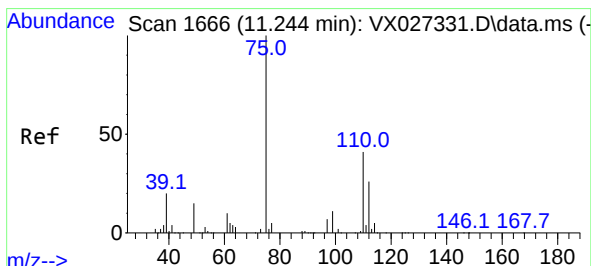
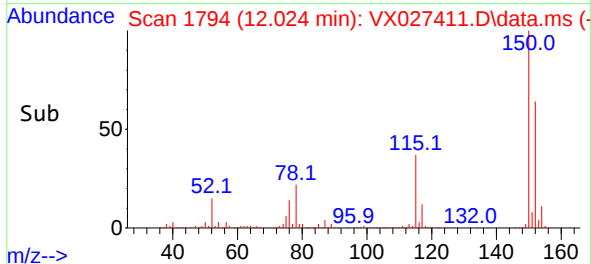
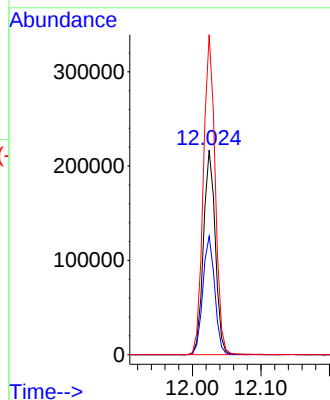
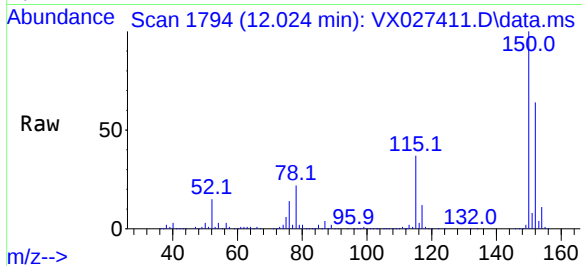




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

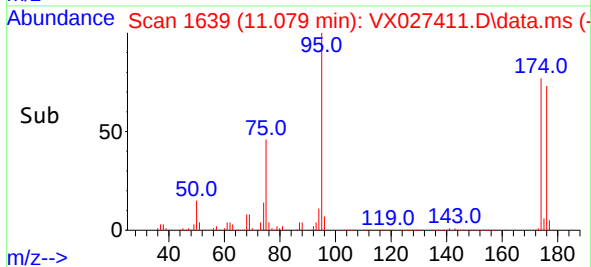
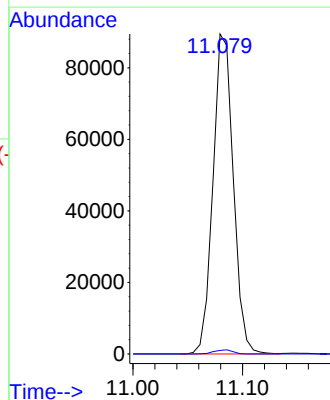
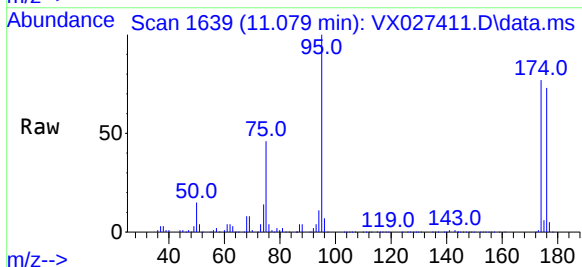
Instrument :
MSVOA_X
ClientSampleId :
MW-2

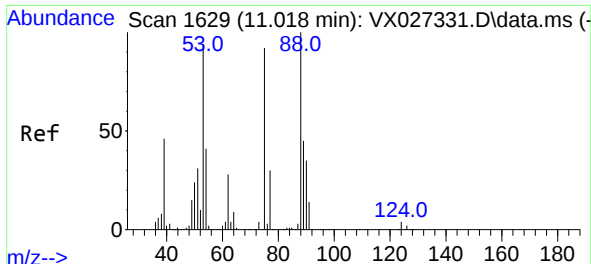
Tgt Ion:152 Resp: 260864
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 75 Resp: 115258
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

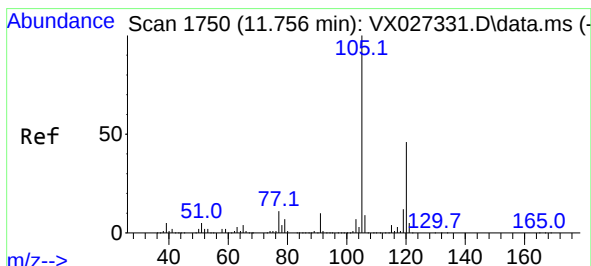
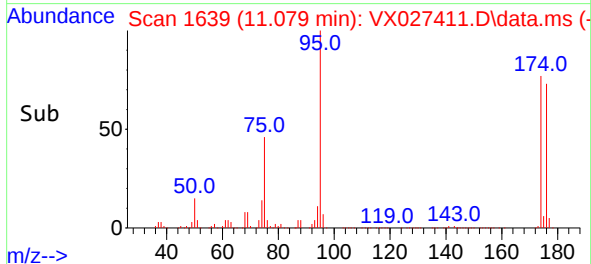
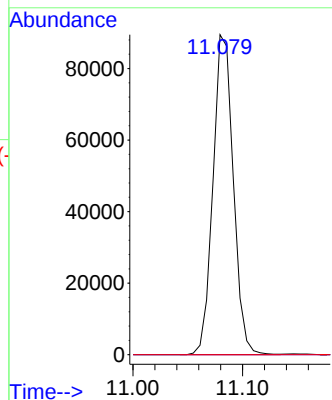
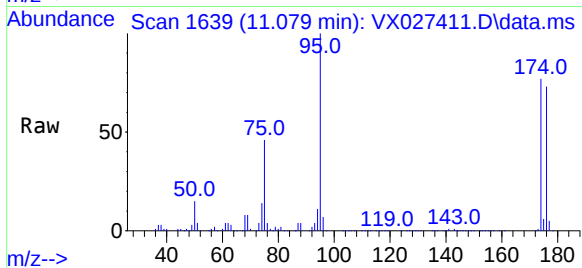




#81
trans-1,4-Dichloro-2-butene
Concen: 65.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 115258
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.422 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027411.D
Acq: 11 Mar 2022 18:51

Tgt Ion: 105 Resp: 6841
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8

