

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036175.D
 Acq On : 15 Jun 2023 17:25
 Operator : JC/MD
 Sample : 03251-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01RE

Quant Time: Jun 16 07:58:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

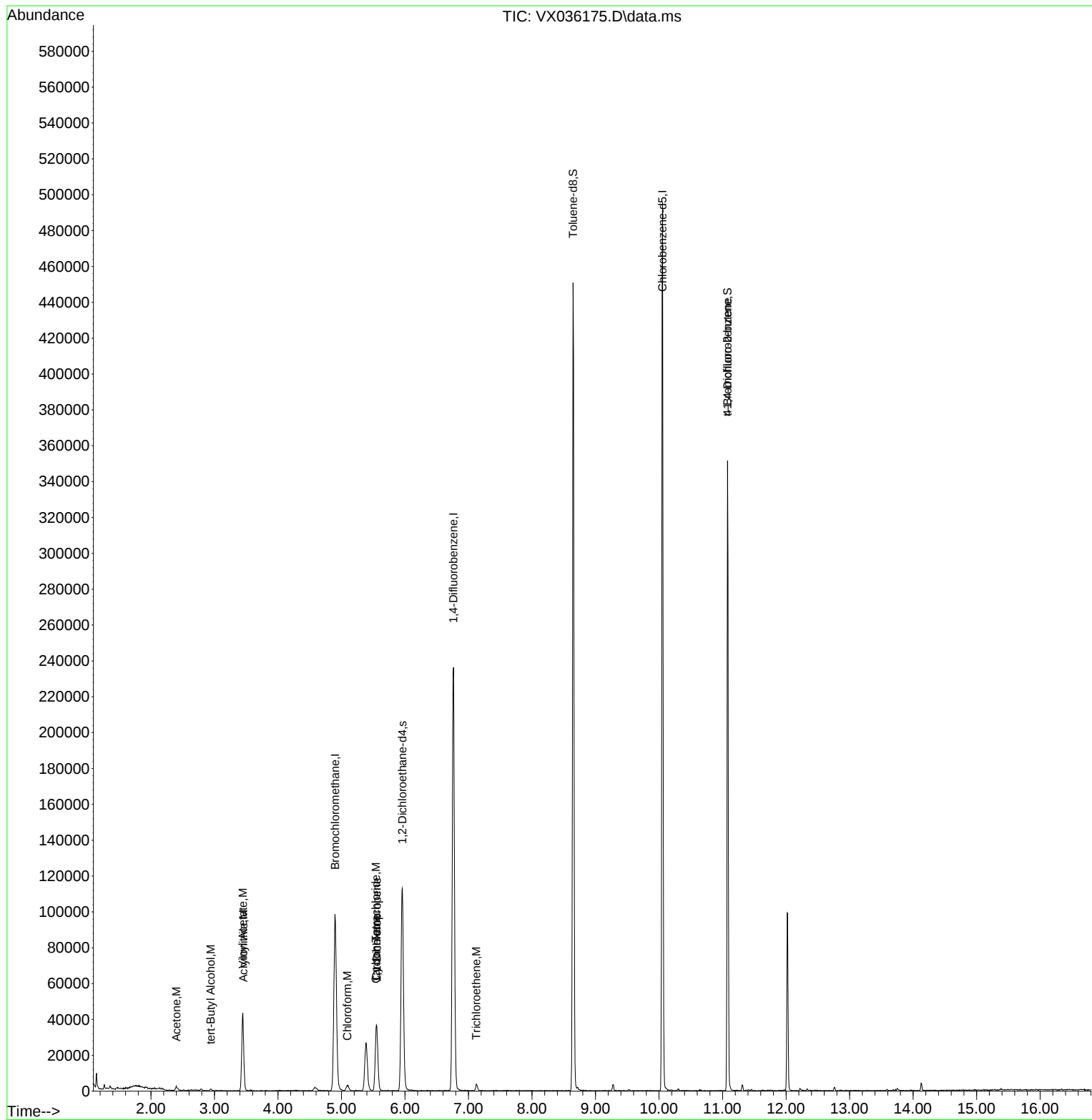
Internal Standards						
1) Bromochloromethane	4.897	128	37480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	222850	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	201348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	118293	37.985	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	126.633%#
60) 4-Bromofluorobenzene	11.079	95	93191	27.583	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.933%
63) Toluene-d8	8.647	98	248214	27.885	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.967%
Target Compounds						
					Qvalue	
14) Acrylonitrile	3.452	53	458	0.344	ug/l #	8
15) Acetone	2.398	58	583	1.465	ug/l	95
23) tert-Butyl Alcohol	2.940	59	541	1.114	ug/l #	100
25) Chloroform	5.092	83	3266	0.742	ug/l	95
26) Cyclohexane	5.550	56	917	0.283	ug/l #	60
29) 1,1-Dichloropropene	5.556	75	2988	0.963	ug/l #	43
33) Carbon Tetrachloride	5.544	117	3660	1.279	ug/l #	20
37) Trichloroethene	7.123	130	1459	0.593	ug/l	84
42) Vinyl Acetate	3.446	43	14192	2.378	ug/l #	49
77) t-1,4-Dichloro-2-butene	11.079	75	53018	50.837	ug/l #	4

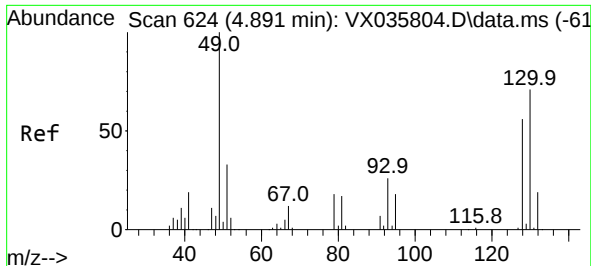
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
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MSVOA_X
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MW-01RE

Quant Time: Jun 16 07:58:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration

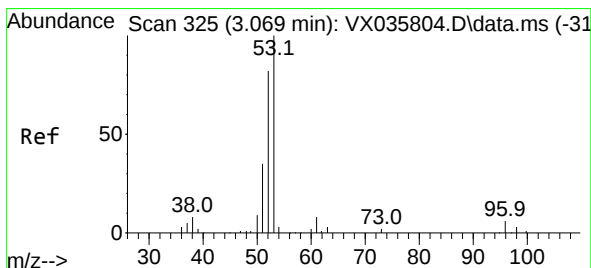
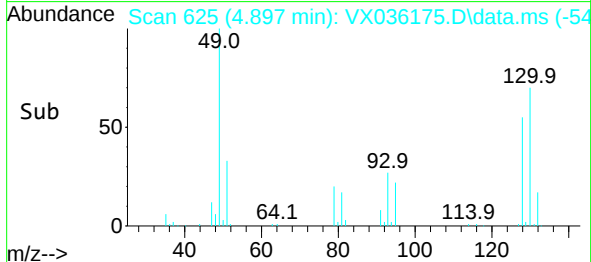
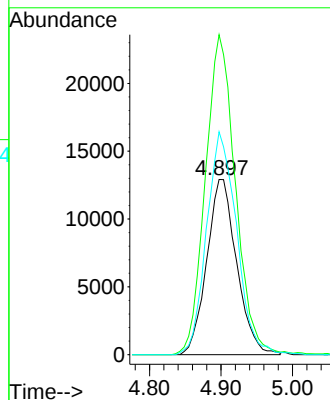
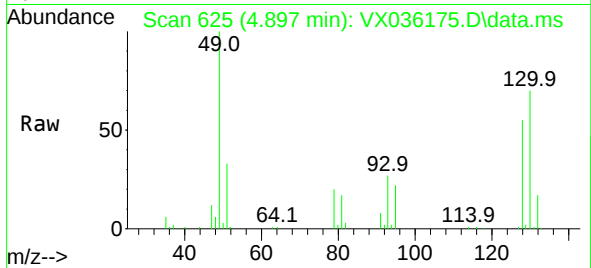




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

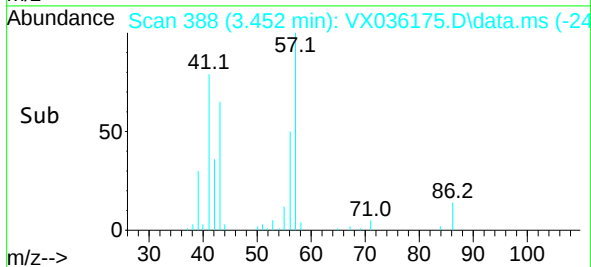
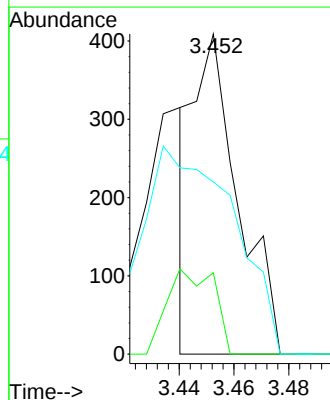
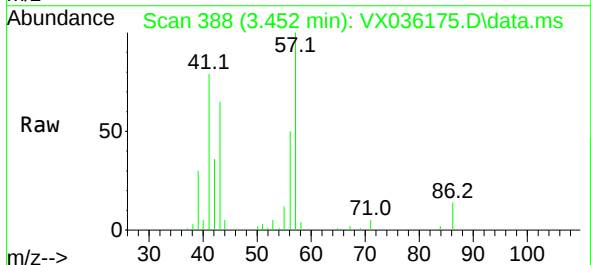
Instrument :
MSVOA_X
ClientSampleId :
MW-01RE

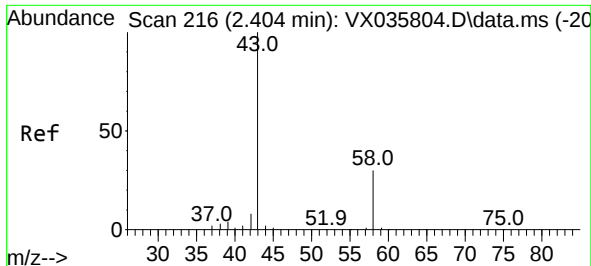
Tgt Ion:128 Resp: 37480
Ion Ratio Lower Upper
128 100
49 183.6 0.0 428.8
130 127.5 0.0 310.8



#14
Acrylonitrile
Concen: 0.344 ug/l
RT: 3.452 min Scan# 388
Delta R.T. 0.384 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 53 Resp: 458
Ion Ratio Lower Upper
53 100
52 28.4 41.3 123.7#
51 133.2 17.9 53.7#

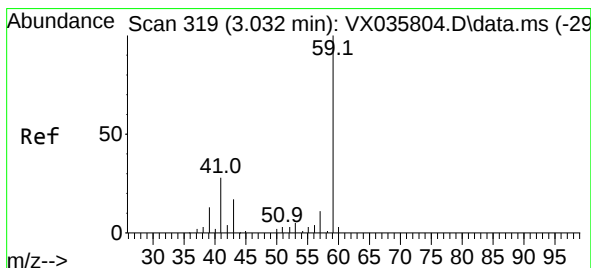
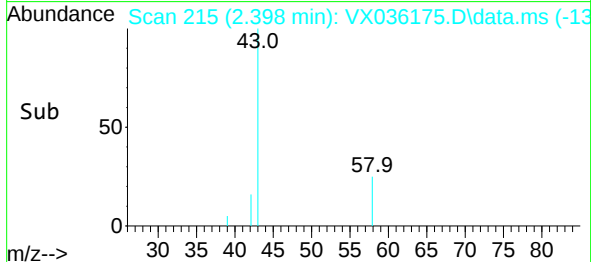
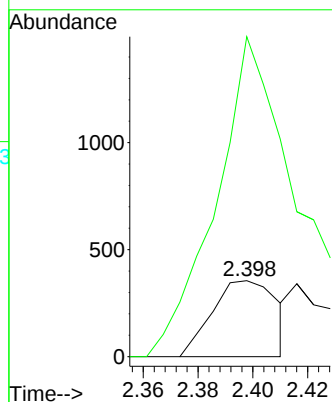
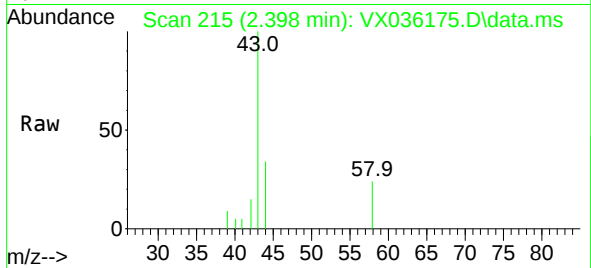




#15
Acetone
Concen: 1.465 ug/l
RT: 2.398 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

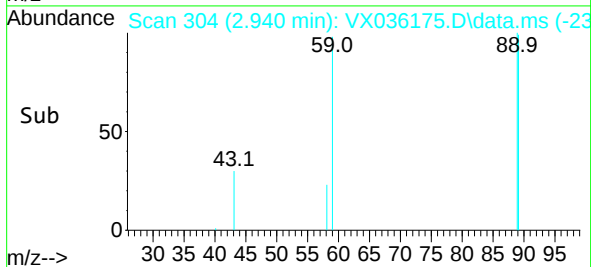
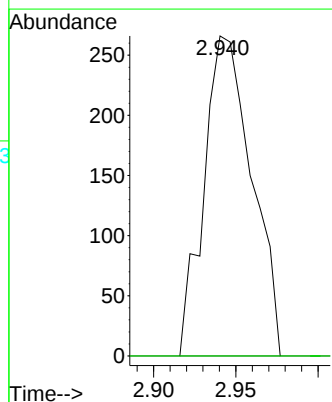
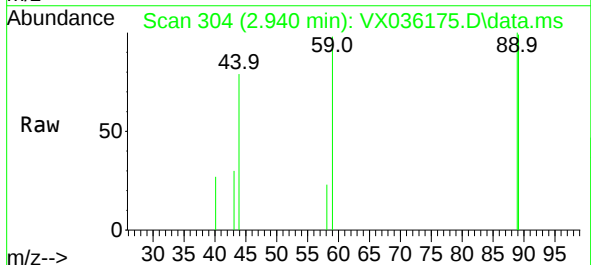
Instrument :
MSVOA_X
ClientSampleId :
MW-01RE

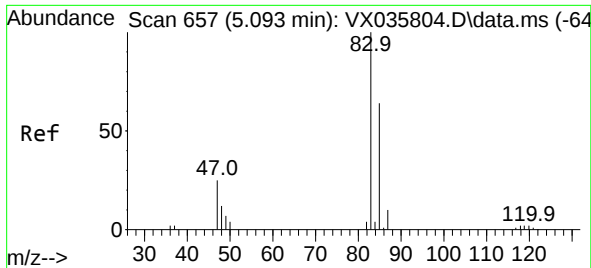
Tgt Ion: 58 Resp: 583
Ion Ratio Lower Upper
58 100
43 349.3 270.8 406.2



#23
tert-Butyl Alcohol
Concen: 1.114 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.092 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4#

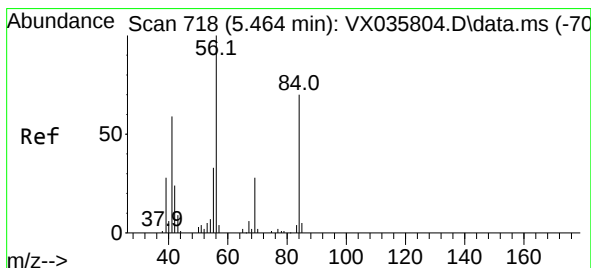
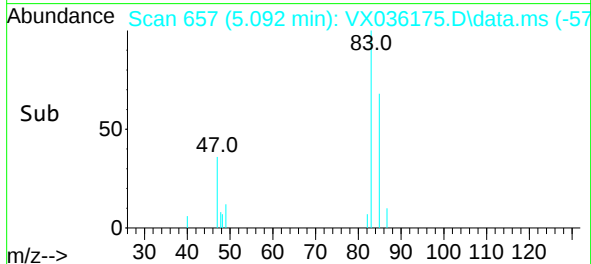
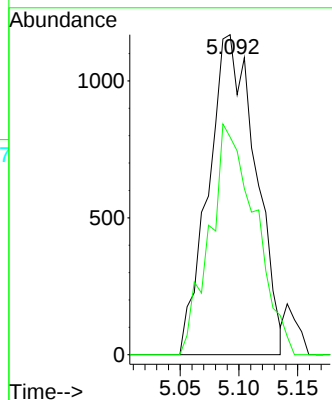
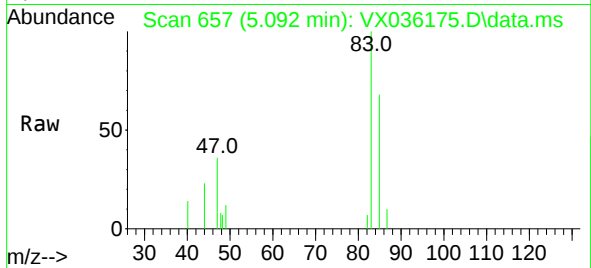




#25
Chloroform
Concen: 0.742 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

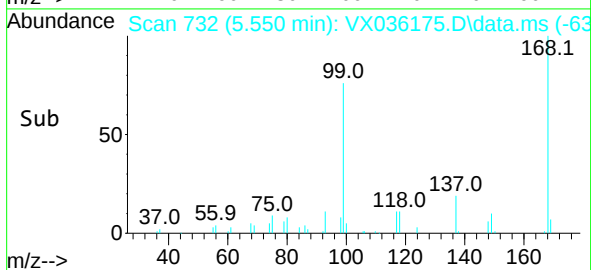
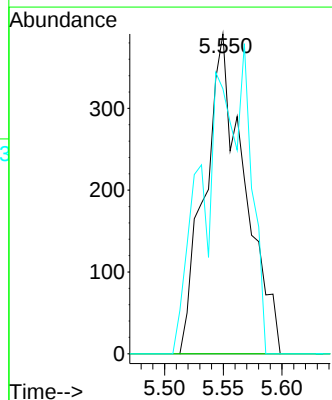
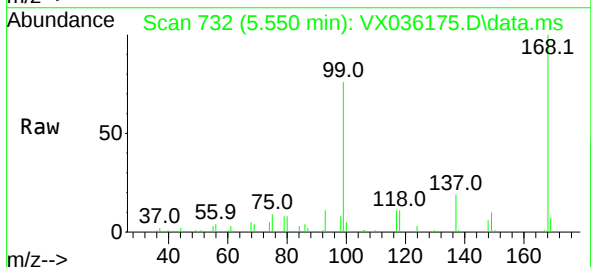
Instrument :
MSVOA_X
ClientSampleId :
MW-01RE

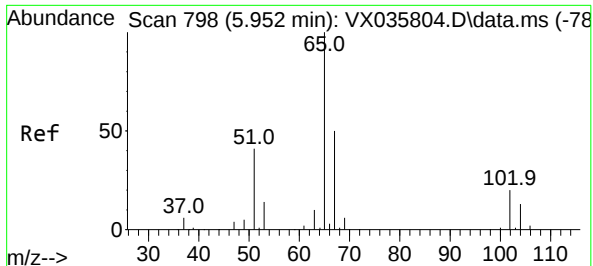
Tgt Ion: 83 Resp: 3266
Ion Ratio Lower Upper
83 100
85 68.0 51.2 76.8



#26
Cyclohexane
Concen: 0.283 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 56 Resp: 917
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 47.9 67.4 101.2#





#27

1,2-Dichloroethane-d4

Concen: 37.985 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

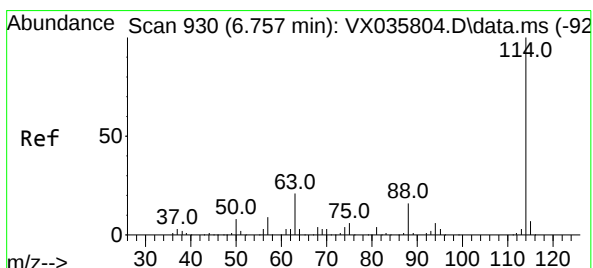
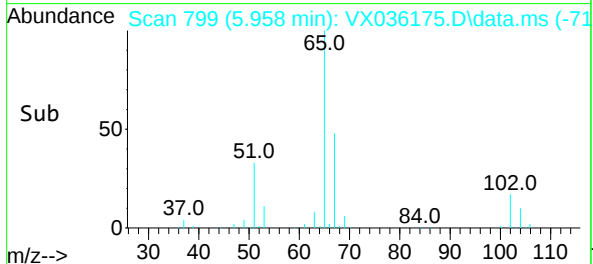
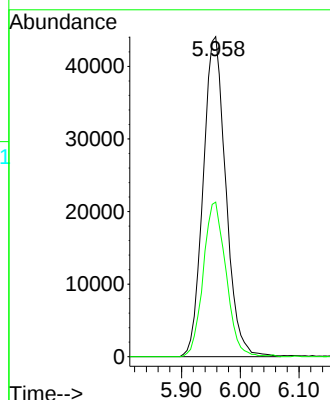
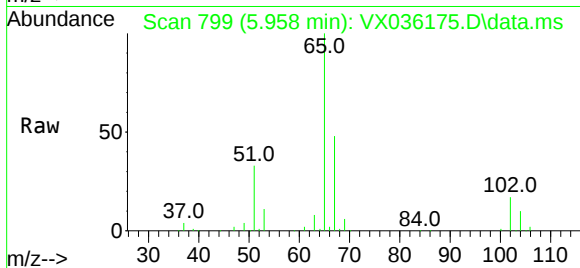
MW-01RE

Tgt Ion: 65 Resp: 118293

Ion Ratio Lower Upper

65 100

67 48.2 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

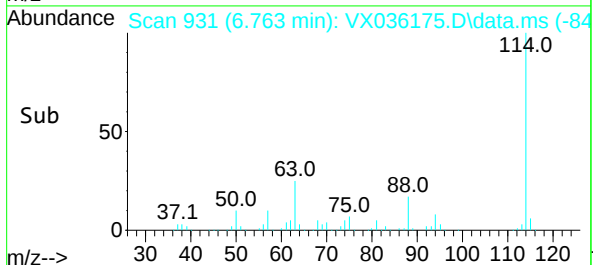
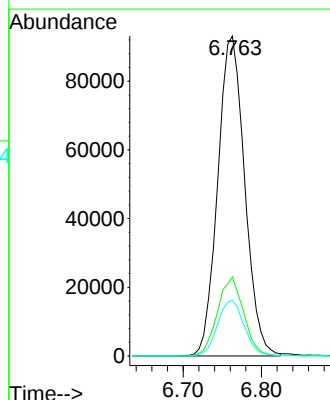
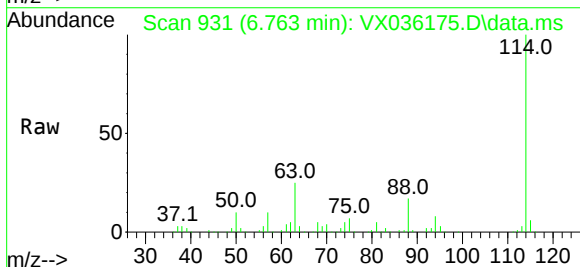
Tgt Ion: 114 Resp: 222850

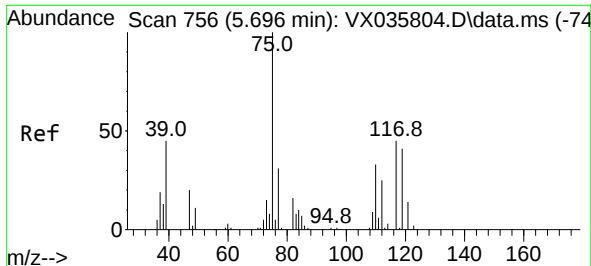
Ion Ratio Lower Upper

114 100

63 23.9 18.0 27.0

88 17.1 13.3 19.9





#29

1,1-Dichloropropene

Concen: 0.963 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-01RE

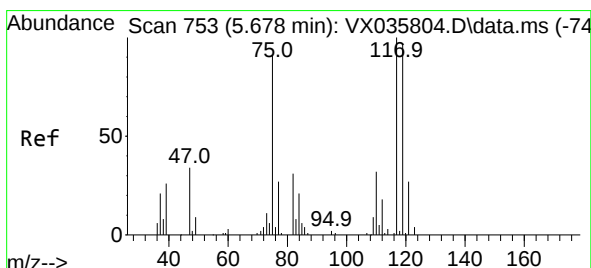
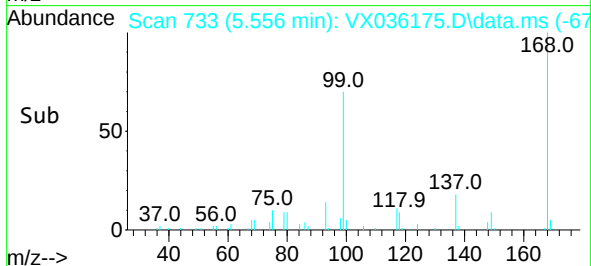
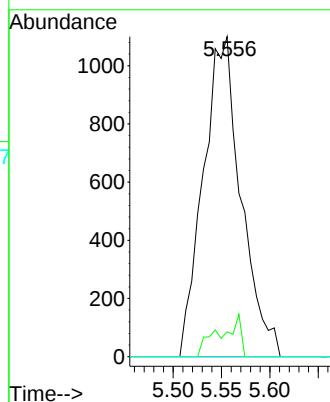
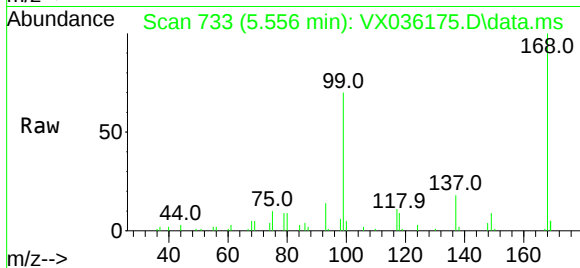
Tgt Ion: 75 Resp: 2988

Ion Ratio Lower Upper

75 100

110 1.8 0.0 71.4

77 0.0 0.0 61.6



#33

Carbon Tetrachloride

Concen: 1.279 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

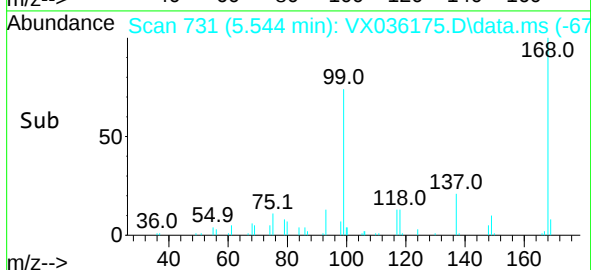
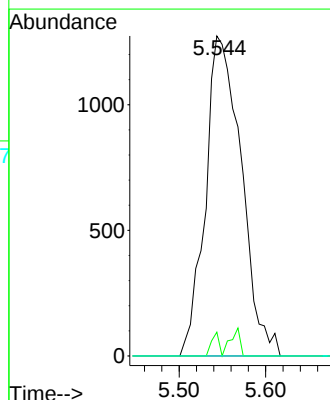
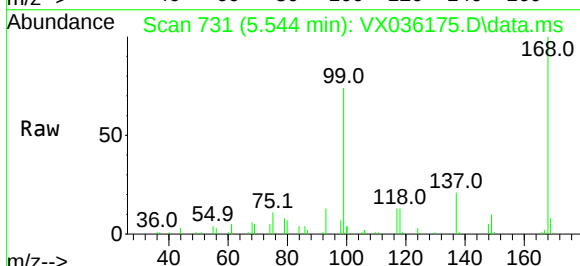
Tgt Ion: 117 Resp: 3660

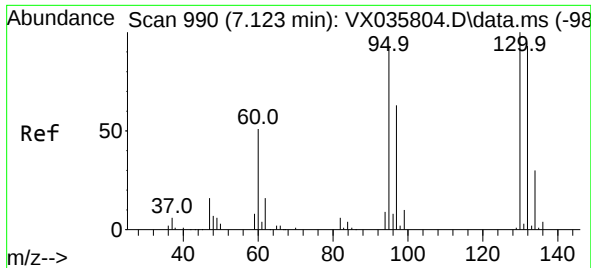
Ion Ratio Lower Upper

117 100

119 7.5 73.3 109.9#

121 0.0 24.0 36.0#

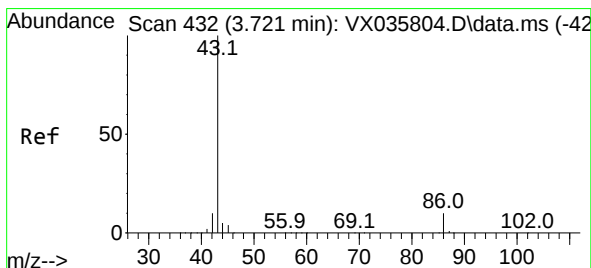
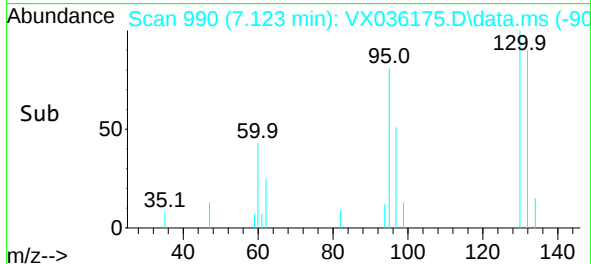
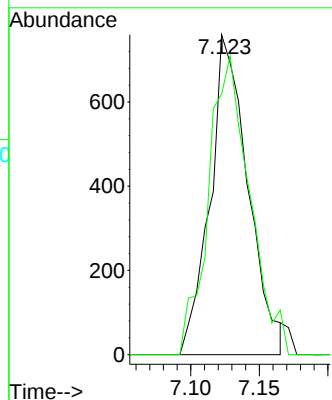
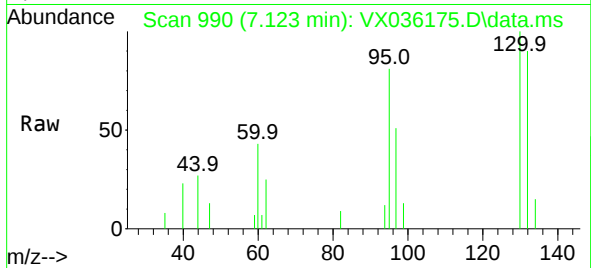




#37
Trichloroethene
Concen: 0.593 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

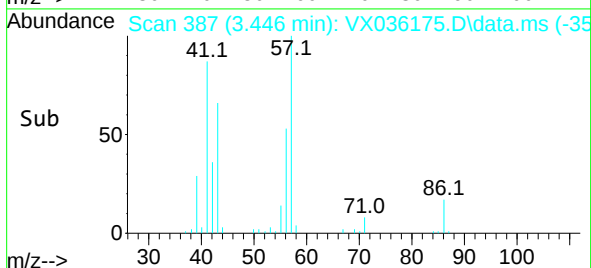
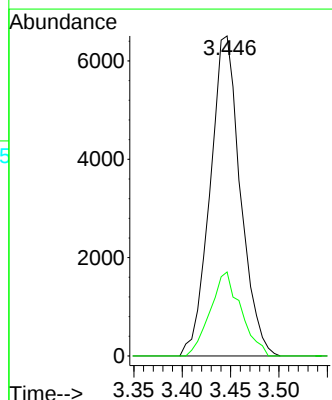
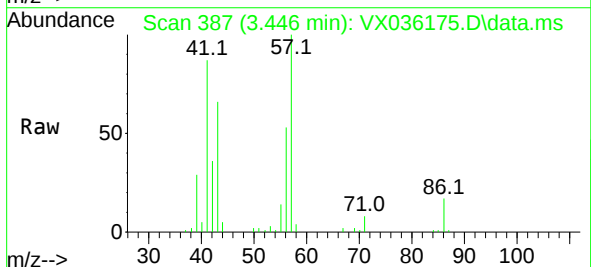
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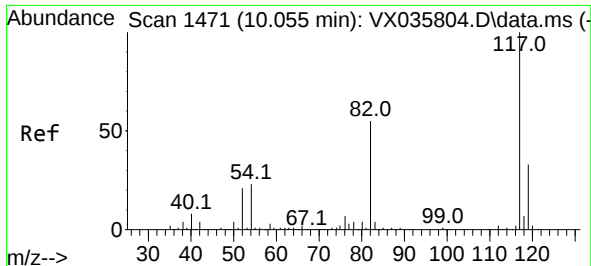
Tgt Ion:130 Resp: 1459
Ion Ratio Lower Upper
130 100
95 81.4 77.8 116.6



#42
Vinyl Acetate
Concen: 2.378 ug/l
RT: 3.446 min Scan# 387
Delta R.T. -0.274 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 43 Resp: 14192
Ion Ratio Lower Upper
43 100
86 26.7 6.9 10.3#

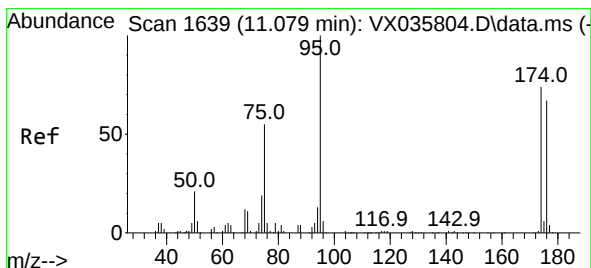
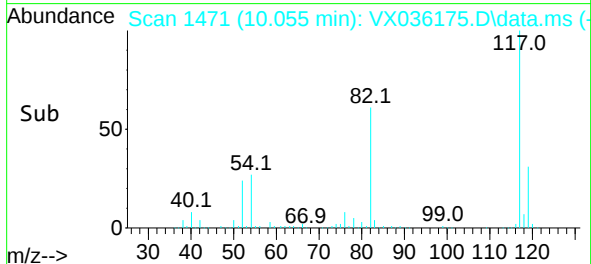
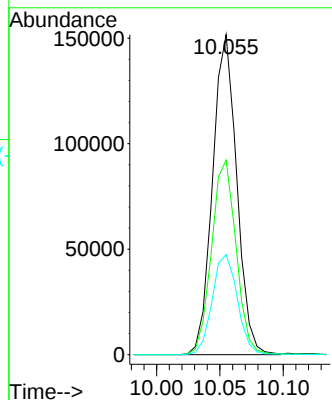
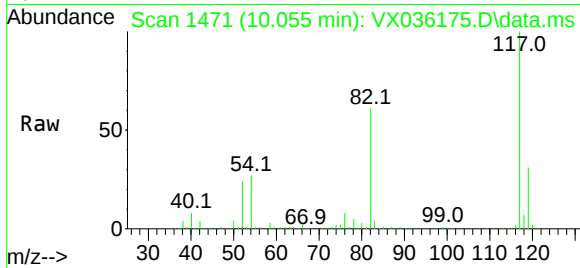




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

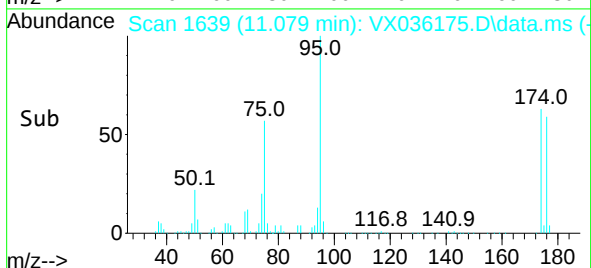
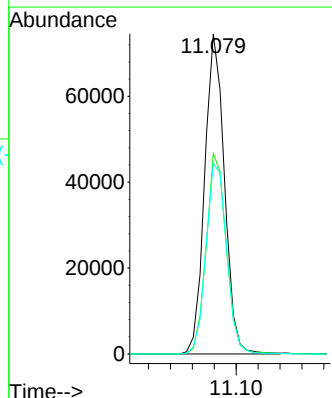
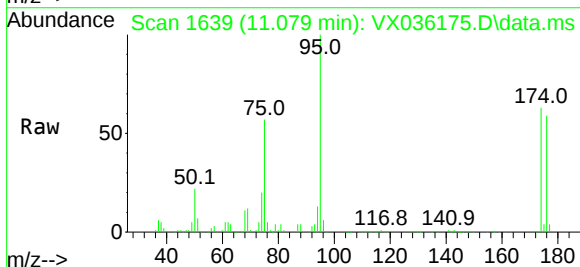
Instrument :
MSVOA_X
ClientSampleId :
MW-01RE

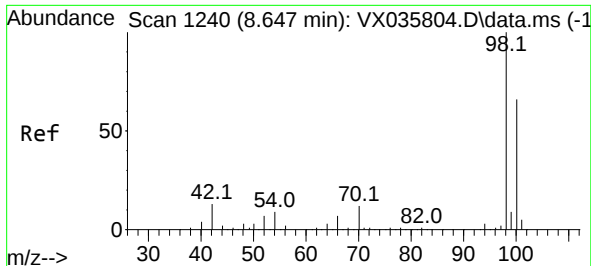
Tgt Ion:117 Resp: 201348
Ion Ratio Lower Upper
117 100
82 62.0 45.8 68.8
119 32.7 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 95 Resp: 93191
Ion Ratio Lower Upper
95 100
174 63.6 0.2 0.4#
176 62.6 0.2 0.2#

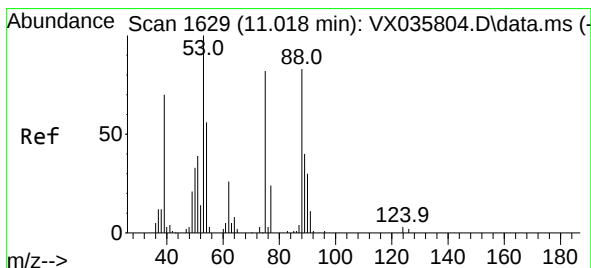
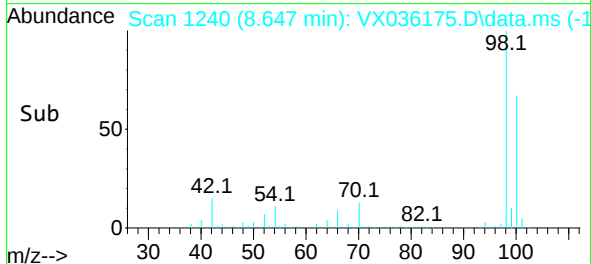
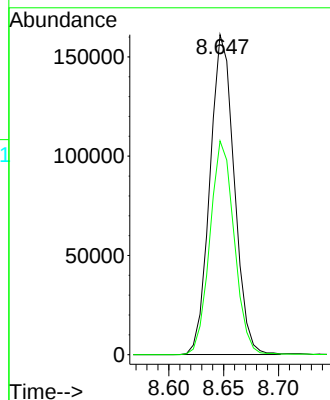
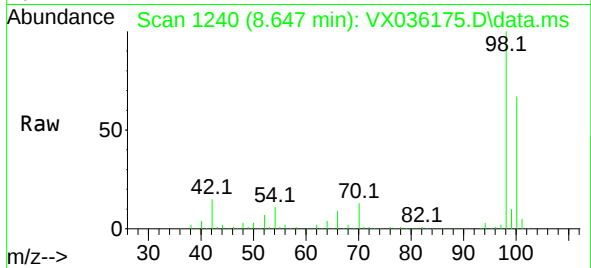




#63
Toluene-d8
Concen: 27.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
MW-01RE

Tgt Ion: 98 Resp: 248214
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1



#77
t-1,4-Dichloro-2-butene
Concen: 50.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 75 Resp: 53018
Ion Ratio Lower Upper
75 100
53 0.0 58.2 174.6#
89 0.0 20.6 61.8#

