

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026161.D
 Acq On : 30 Dec 2021 12:30
 Operator : JC/MD
 Sample : M5132-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1RE

Quant Time: Dec 31 07:07:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

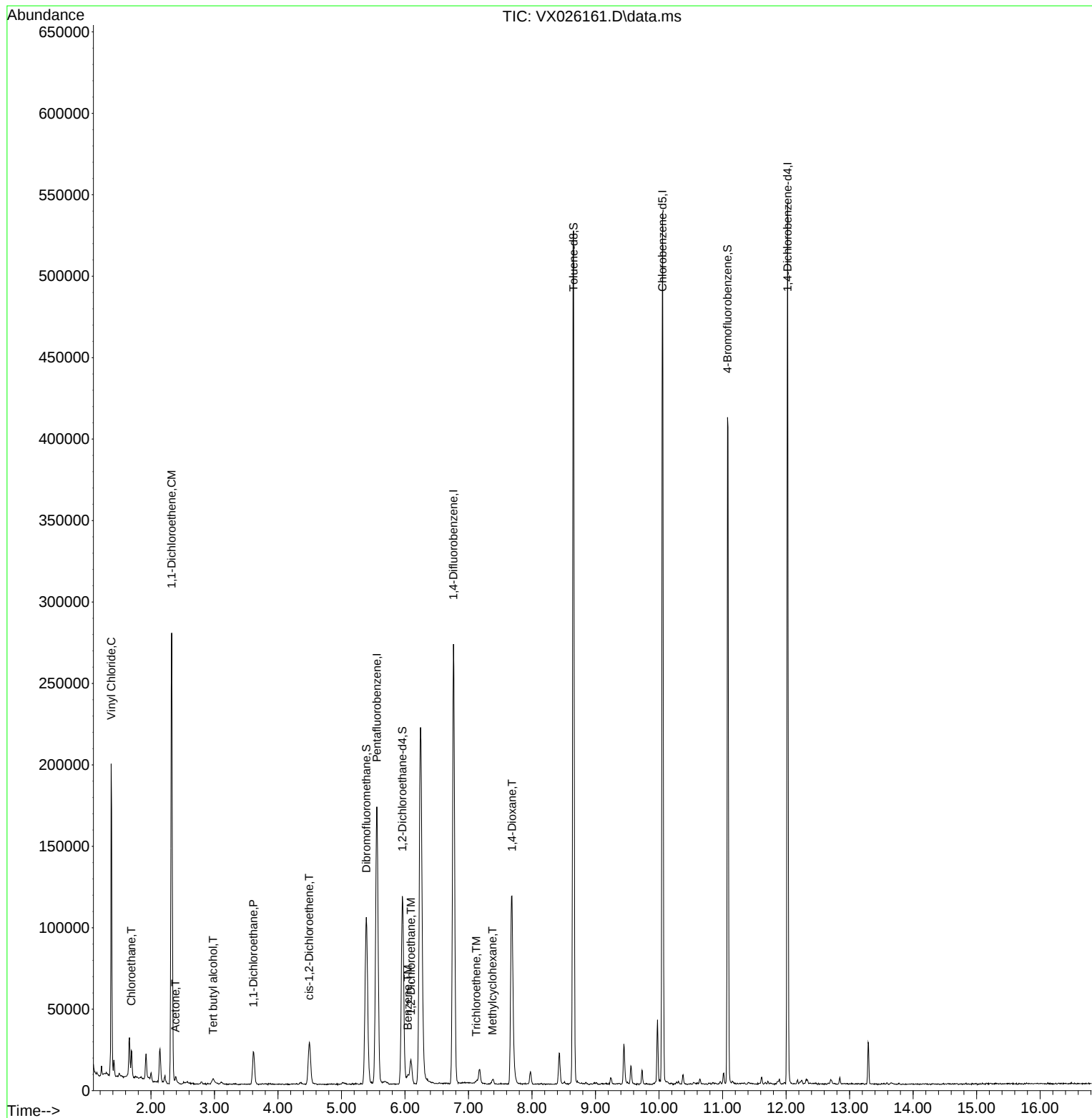
Internal Standards						
1) Pentafluorobenzene	5.556	168	151148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108989	49.843	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.680%
35) Dibromofluoromethane	5.391	113	87238	51.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	8.653	98	304075	48.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.079	95	104639	46.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.940%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	111797	57.488	ug/l	100
6) Chloroethane	1.691	64	9408	6.880	ug/l	97
11) Tert butyl alcohol	2.977	59	5217	11.945	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85386	51.016	ug/l	92
16) Acetone	2.386	43	3498	2.952	ug/l	95
24) 1,1-Dichloroethane	3.611	63	21865	6.391	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	15458	7.442	ug/l	97
39) Methylcyclohexane	7.379	83	1190	0.389	ug/l #	87
40) Benzene	6.044	78	5761	0.744	ug/l	95
42) 1,2-Dichloroethane	6.092	62	15081	4.812	ug/l	96
44) Trichloroethene	7.123	130	689	0.331	ug/l	64
49) 1,4-Dioxane	7.684	88	114242	2520.918	ug/l	97

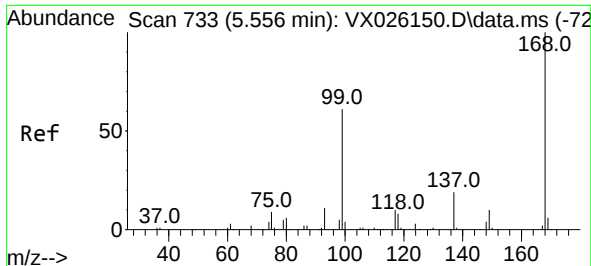
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 31 07:07:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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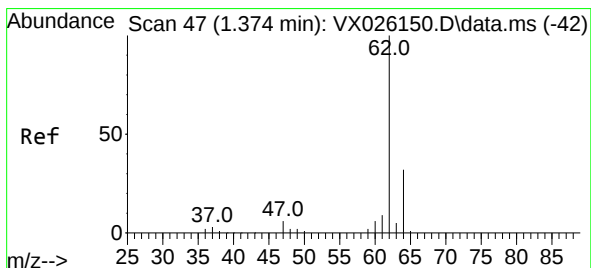
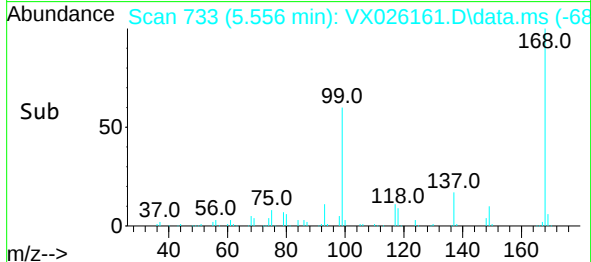
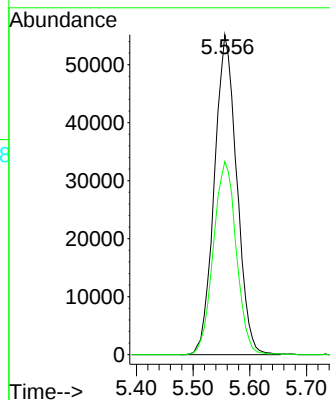
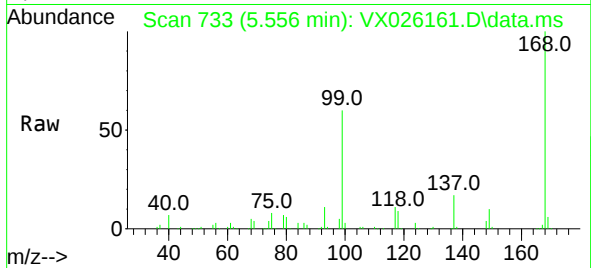




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

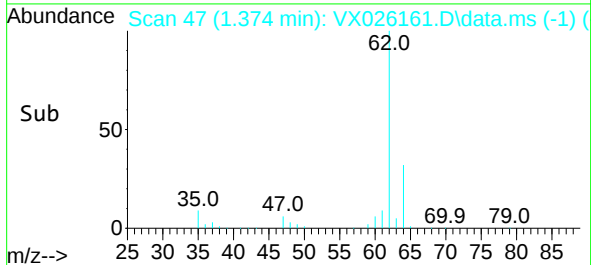
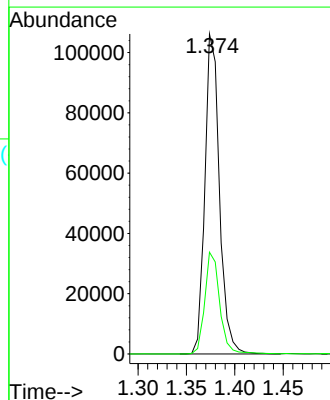
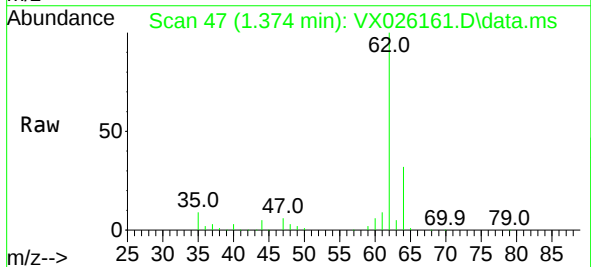
Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

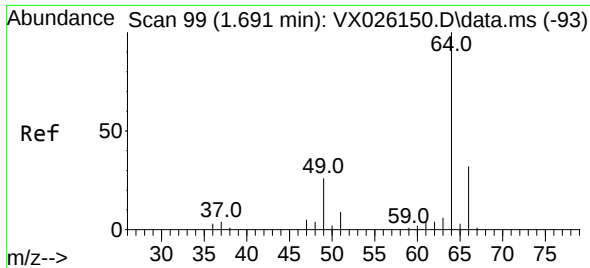
Tgt Ion:168 Resp: 151148
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.8



#4
Vinyl Chloride
Concen: 57.488 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion: 62 Resp: 111797
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2

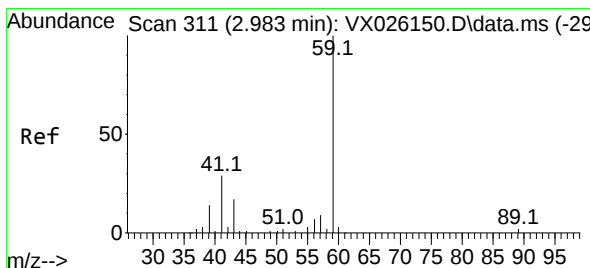
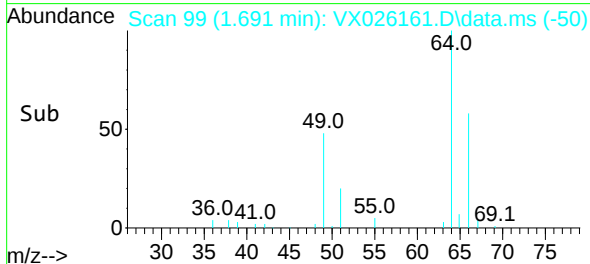
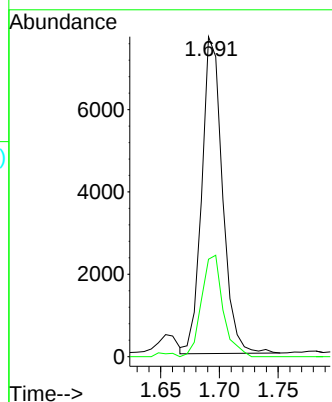
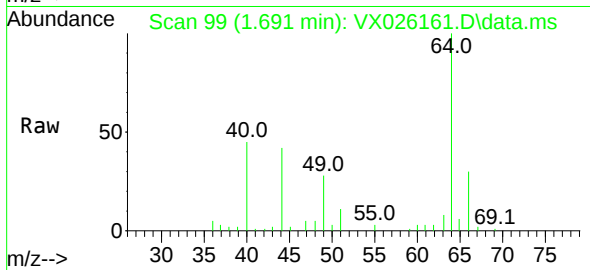




#6
Chloroethane
Concen: 6.880 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

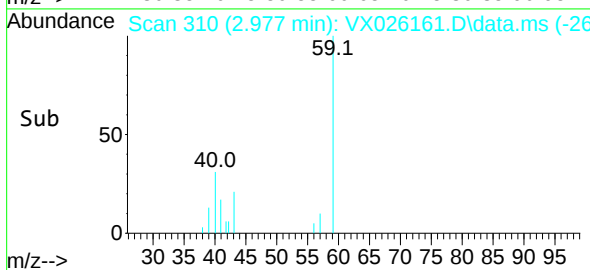
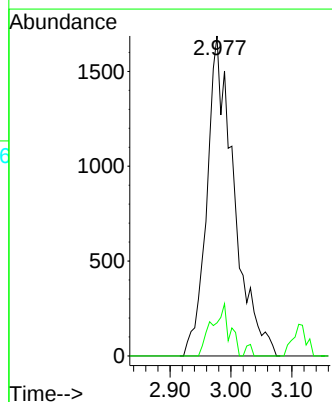
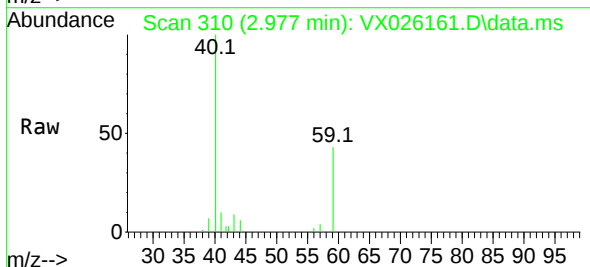
Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

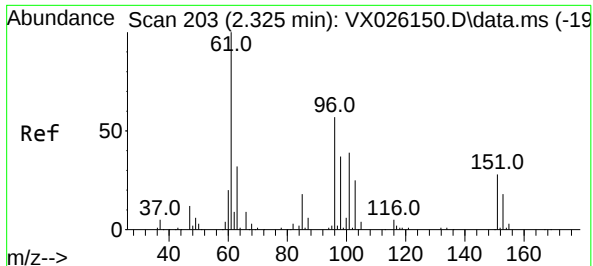
Tgt Ion: 64 Resp: 9408
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9



#11
Tert butyl alcohol
Concen: 11.945 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion: 59 Resp: 5217
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2





#12

1,1-Dichloroethene

Concen: 51.016 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026161.D

Acq: 30 Dec 2021 12:30

Instrument :

MSVOA_X

ClientSampleId :

MW-1RE

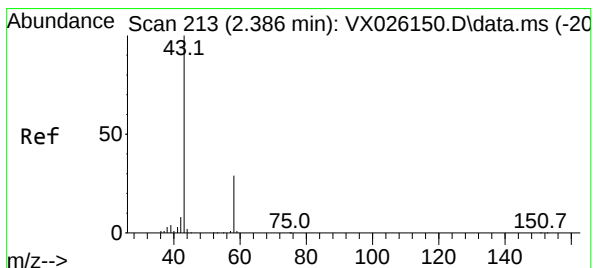
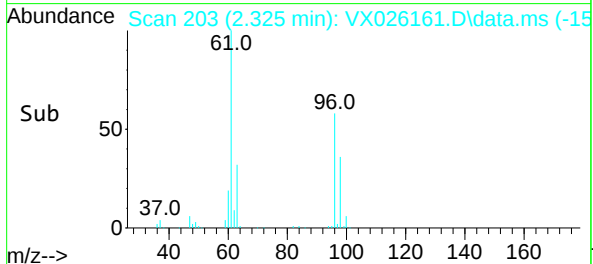
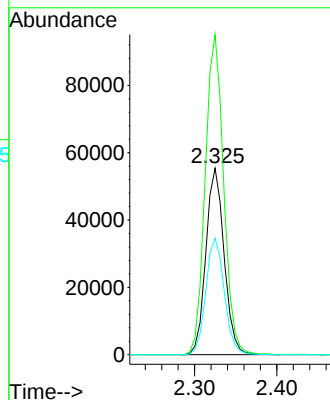
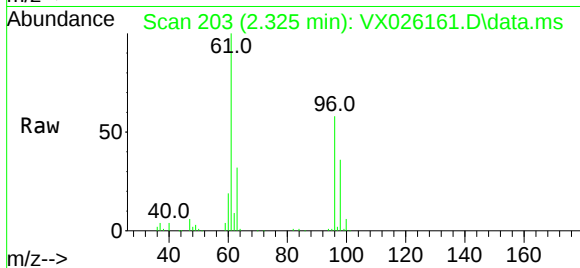
Tgt Ion: 96 Resp: 85386

Ion Ratio Lower Upper

96 100

61 171.7 127.5 191.3

98 62.5 52.0 78.0



#16

Acetone

Concen: 2.952 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026161.D

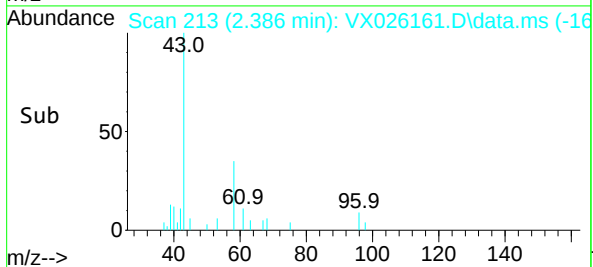
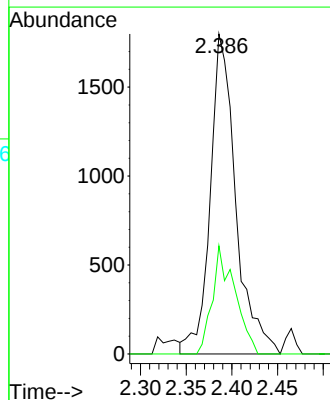
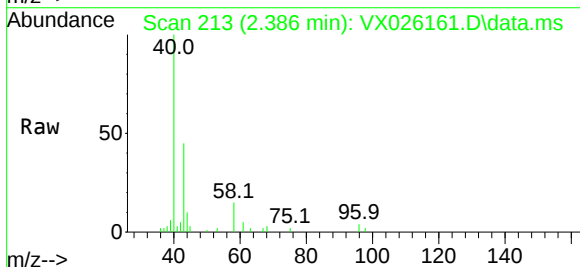
Acq: 30 Dec 2021 12:30

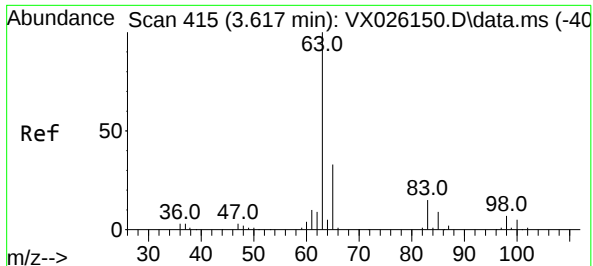
Tgt Ion: 43 Resp: 3498

Ion Ratio Lower Upper

43 100

58 33.8 24.8 37.2

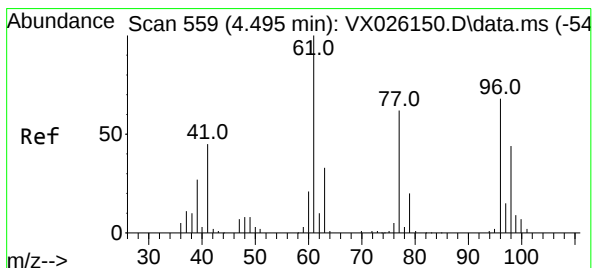
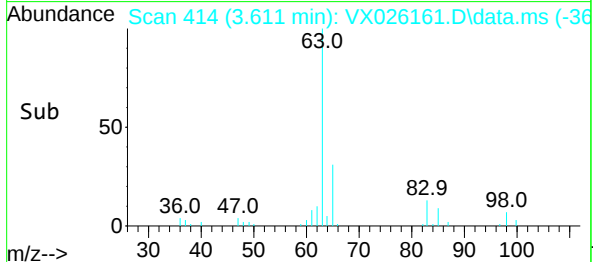
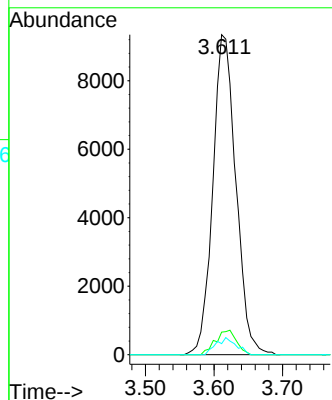
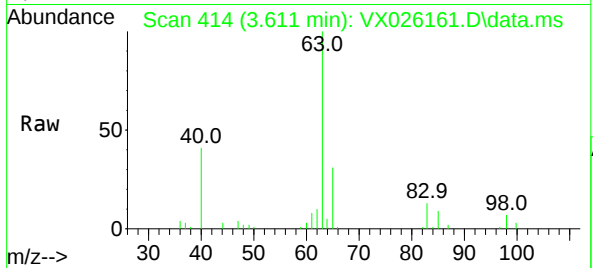




#24
1,1-Dichloroethane
Concen: 6.391 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

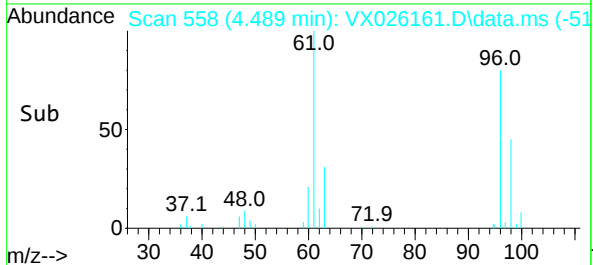
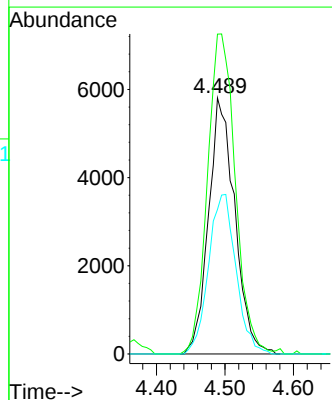
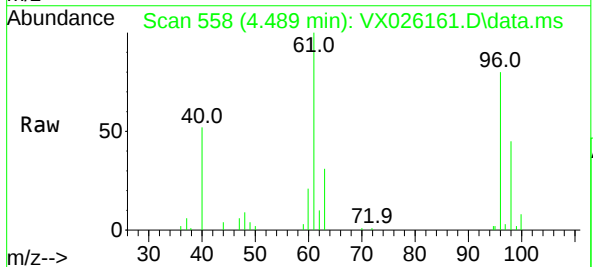
Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

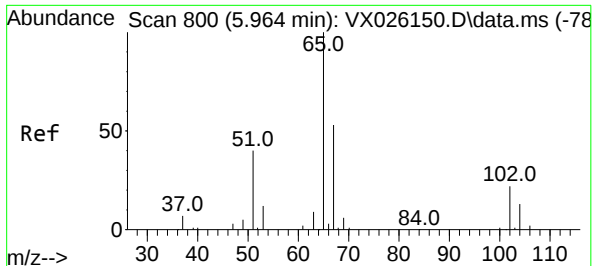
Tgt Ion: 63 Resp: 21865
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.9
100 3.4 2.2 6.6



#27
cis-1,2-Dichloroethene
Concen: 7.442 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion: 96 Resp: 15458
Ion Ratio Lower Upper
96 100
61 132.7 0.0 276.8
98 65.1 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 49.843 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026161.D

Acq: 30 Dec 2021 12:30

Instrument :

MSVOA_X

ClientSampleId :

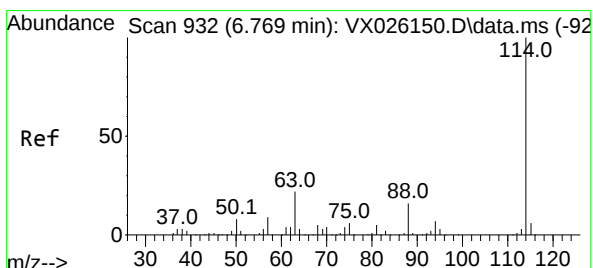
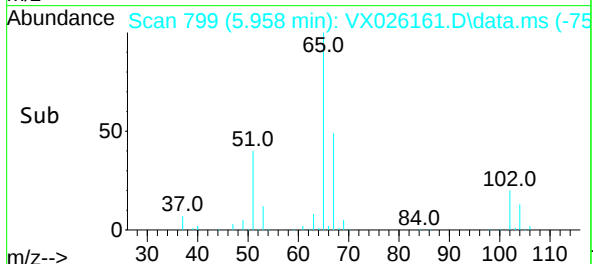
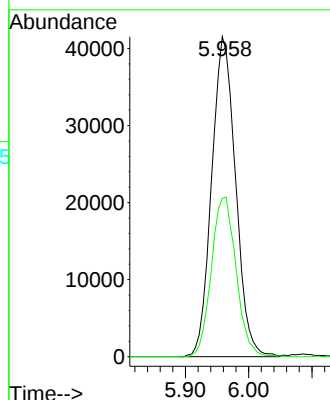
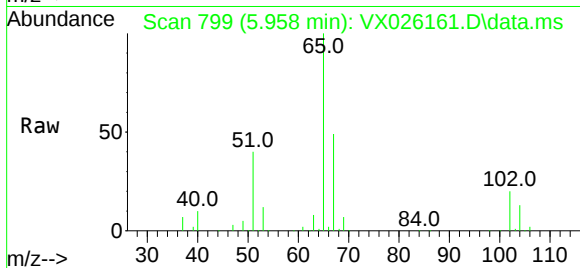
MW-1RE

Tgt Ion: 65 Resp: 108989

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026161.D

Acq: 30 Dec 2021 12:30

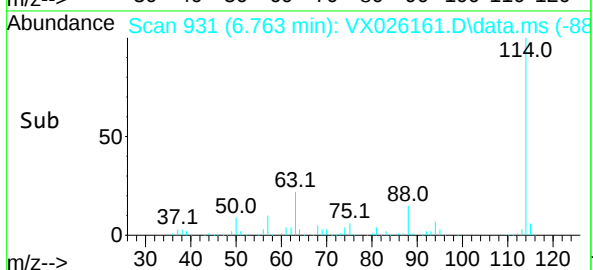
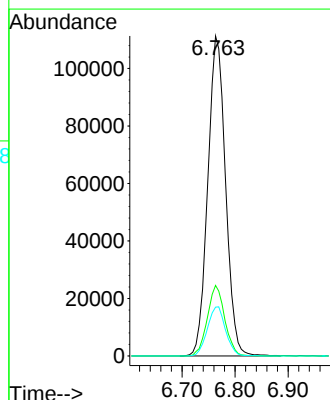
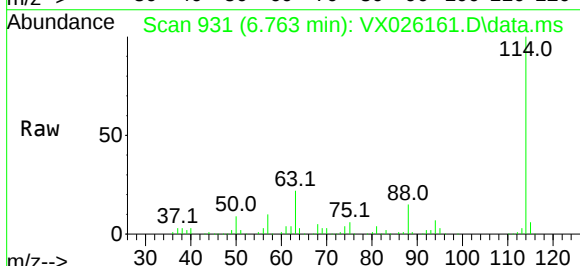
Tgt Ion: 114 Resp: 258761

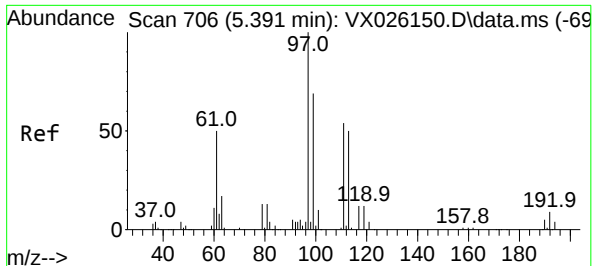
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.857 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026161.D

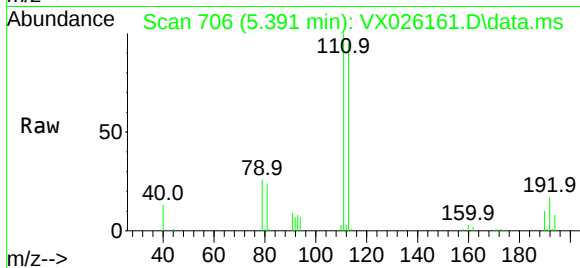
Acq: 30 Dec 2021 12:30

Instrument :

MSVOA_X

ClientSampleId :

MW-1RE



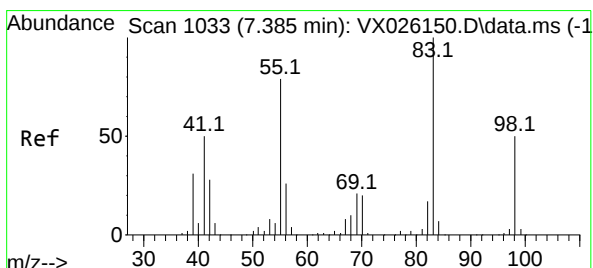
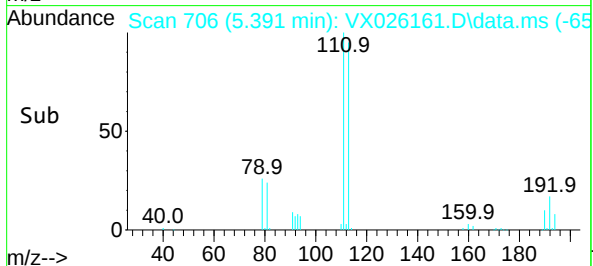
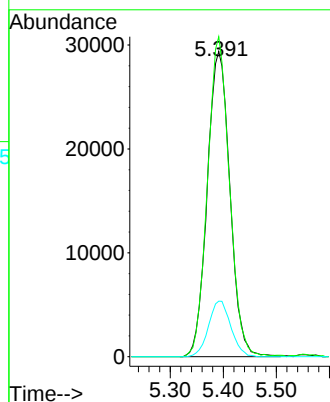
Tgt Ion:113 Resp: 87238

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 17.9 15.0 22.4



#39

Methylcyclohexane

Concen: 0.389 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX026161.D

Acq: 30 Dec 2021 12:30

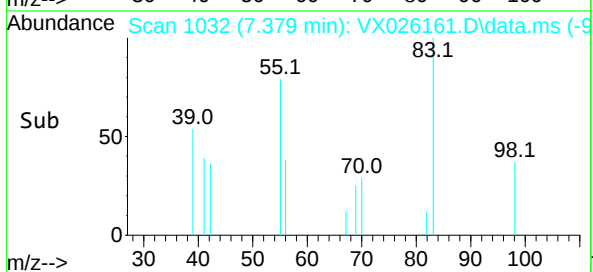
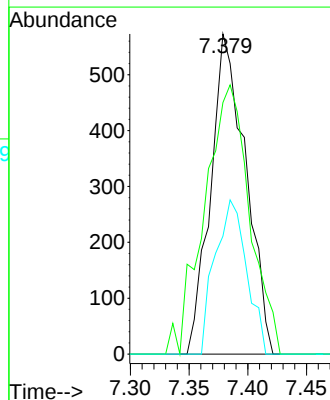
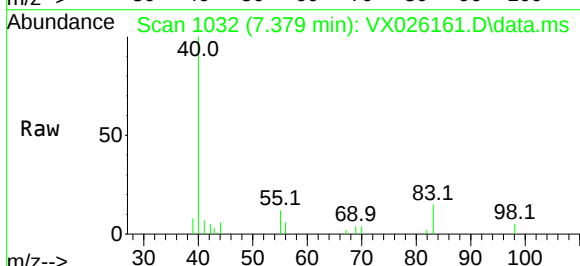
Tgt Ion: 83 Resp: 1190

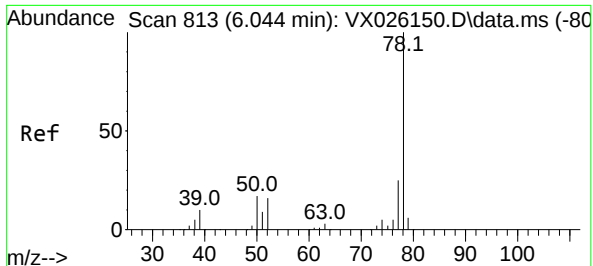
Ion Ratio Lower Upper

83 100

55 78.5 57.8 86.8

98 36.8 40.5 60.7#





#40

Benzene

Concen: 0.744 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026161.D

Acq: 30 Dec 2021 12:30

Instrument :

MSVOA_X

ClientSampleId :

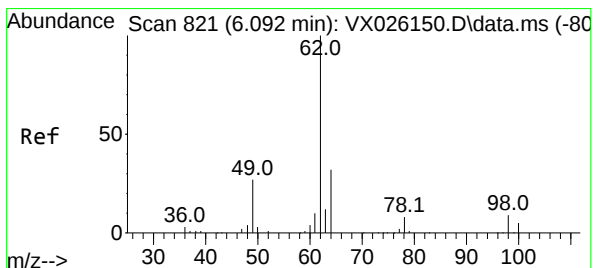
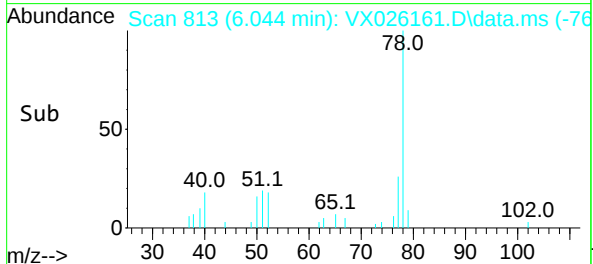
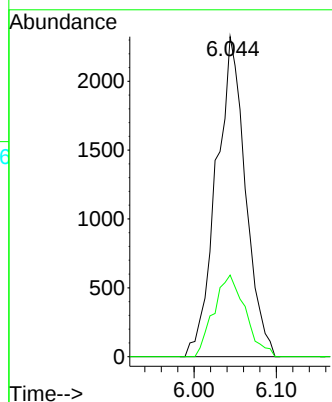
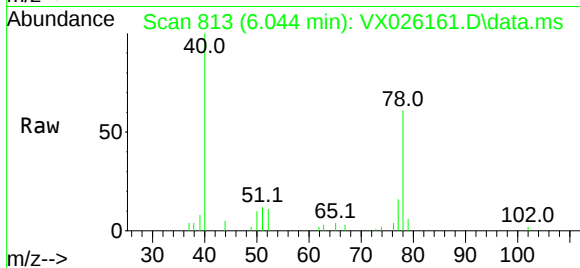
MW-1RE

Tgt Ion: 78 Resp: 5761

Ion Ratio Lower Upper

78 100

77 25.5 18.6 27.8



#42

1,2-Dichloroethane

Concen: 4.812 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026161.D

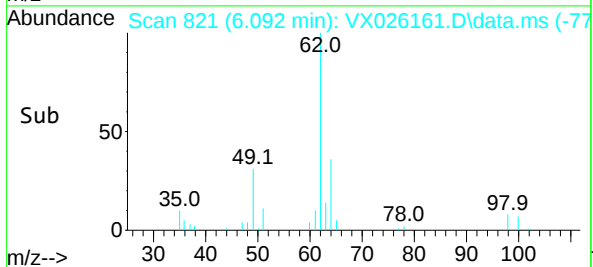
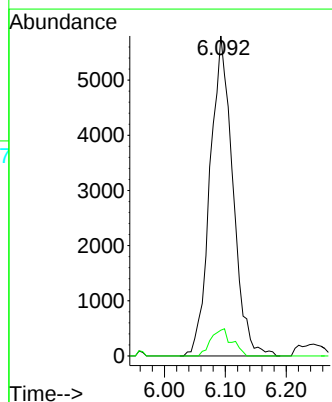
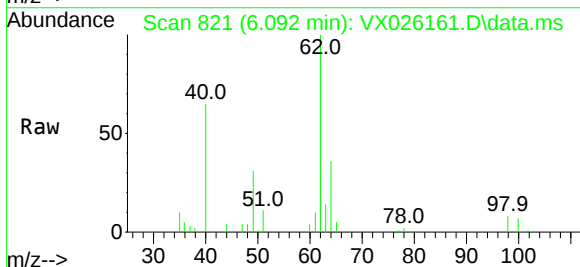
Acq: 30 Dec 2021 12:30

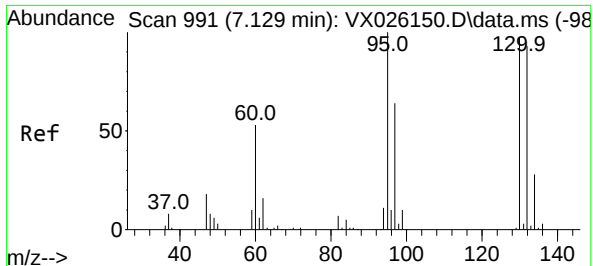
Tgt Ion: 62 Resp: 15081

Ion Ratio Lower Upper

62 100

98 7.8 0.0 18.8

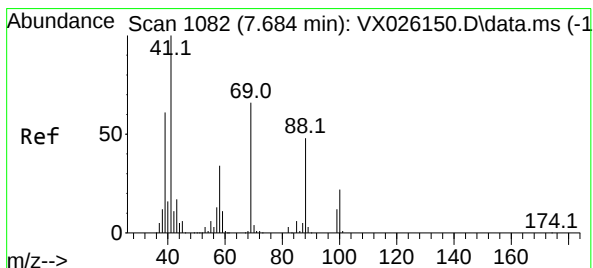
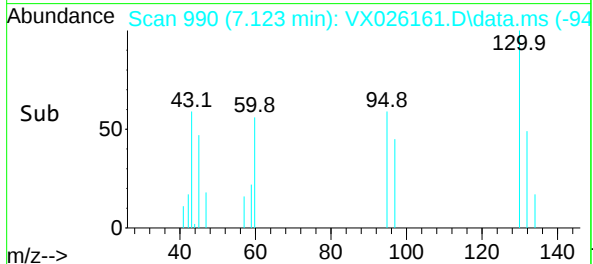
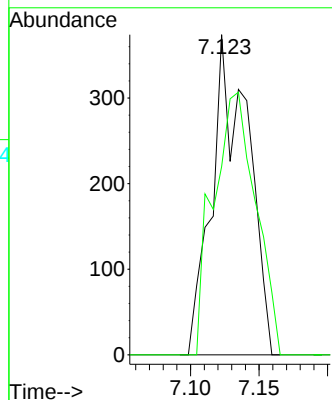
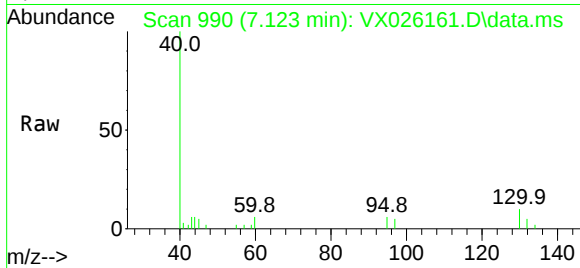




#44
Trichloroethene
Concen: 0.331 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

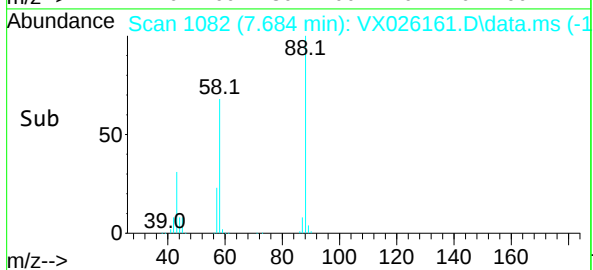
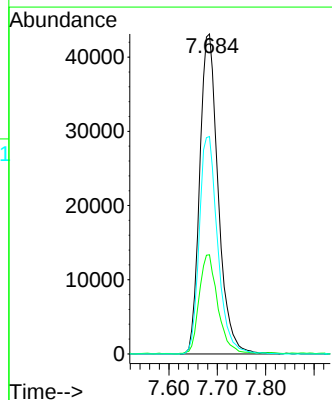
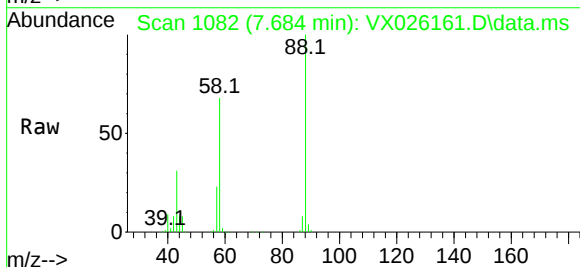
Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

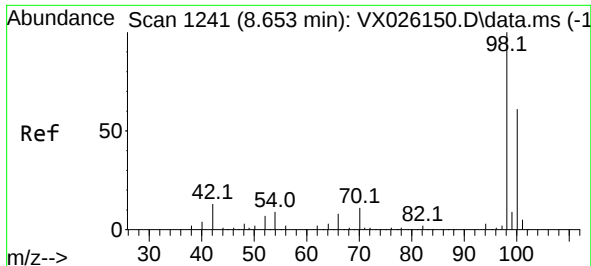
Tgt Ion:130 Resp: 689
Ion Ratio Lower Upper
130 100
95 58.8 0.0 186.4



#49
1,4-Dioxane
Concen: 2520.918 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion: 88 Resp: 114242
Ion Ratio Lower Upper
88 100
43 31.6 25.3 37.9
58 67.9 51.8 77.6

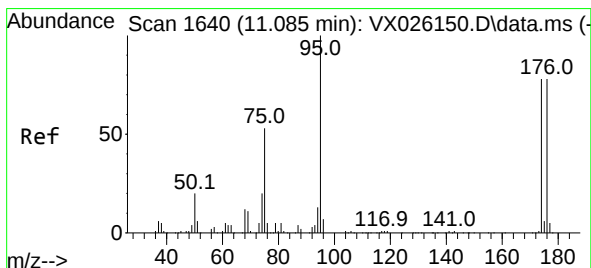
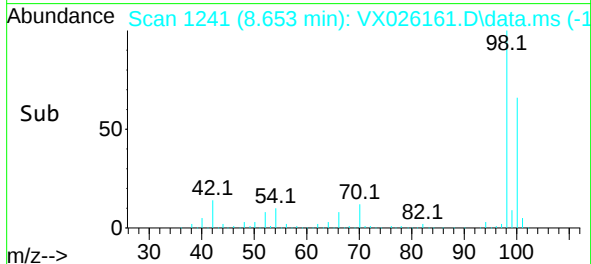
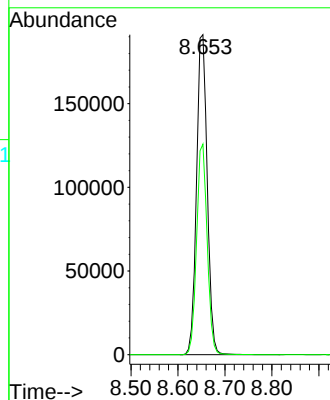
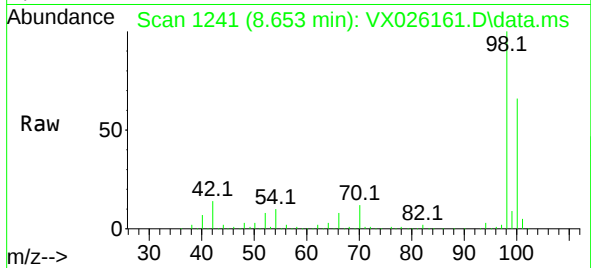




#50
Toluene-d8
Concen: 48.594 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

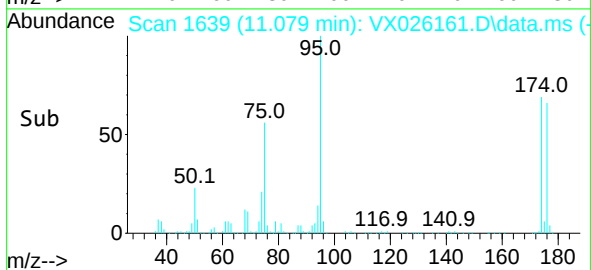
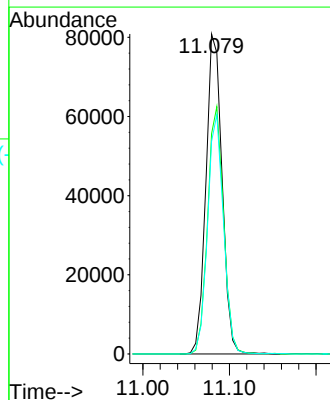
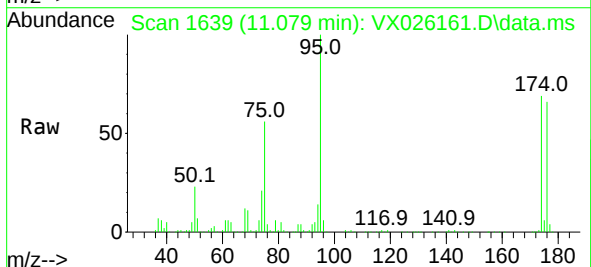
Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

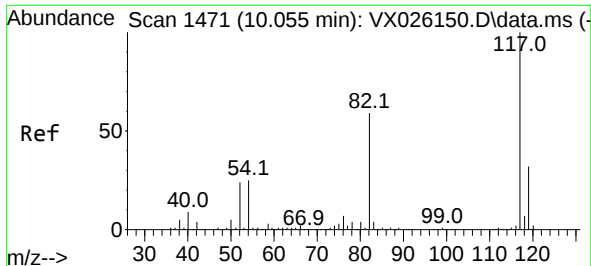
Tgt Ion: 98 Resp: 304075
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion: 95 Resp: 104639
Ion Ratio Lower Upper
95 100
174 76.5 0.0 157.4
176 73.6 0.0 154.6

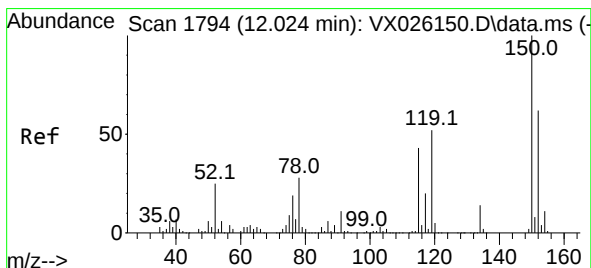
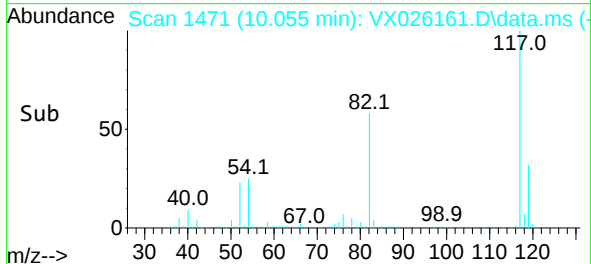
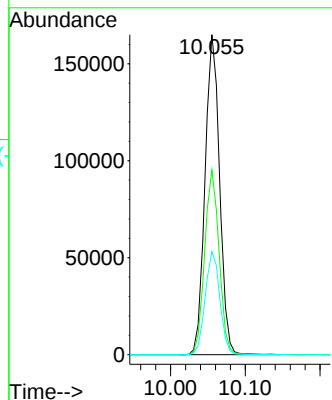
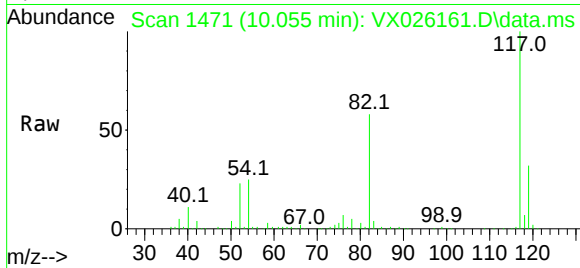




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Instrument :
MSVOA_X
ClientSampleId :
MW-1RE

Tgt Ion:117 Resp: 223272
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026161.D
Acq: 30 Dec 2021 12:30

Tgt Ion:152 Resp: 98296
Ion Ratio Lower Upper
152 100
115 60.3 41.3 123.9
150 158.3 0.0 351.8

