

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026607.D
 Acq On : 26 Jan 2022 20:06
 Operator : JC/MD
 Sample : N1286-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Quant Time: Jan 27 07:33:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

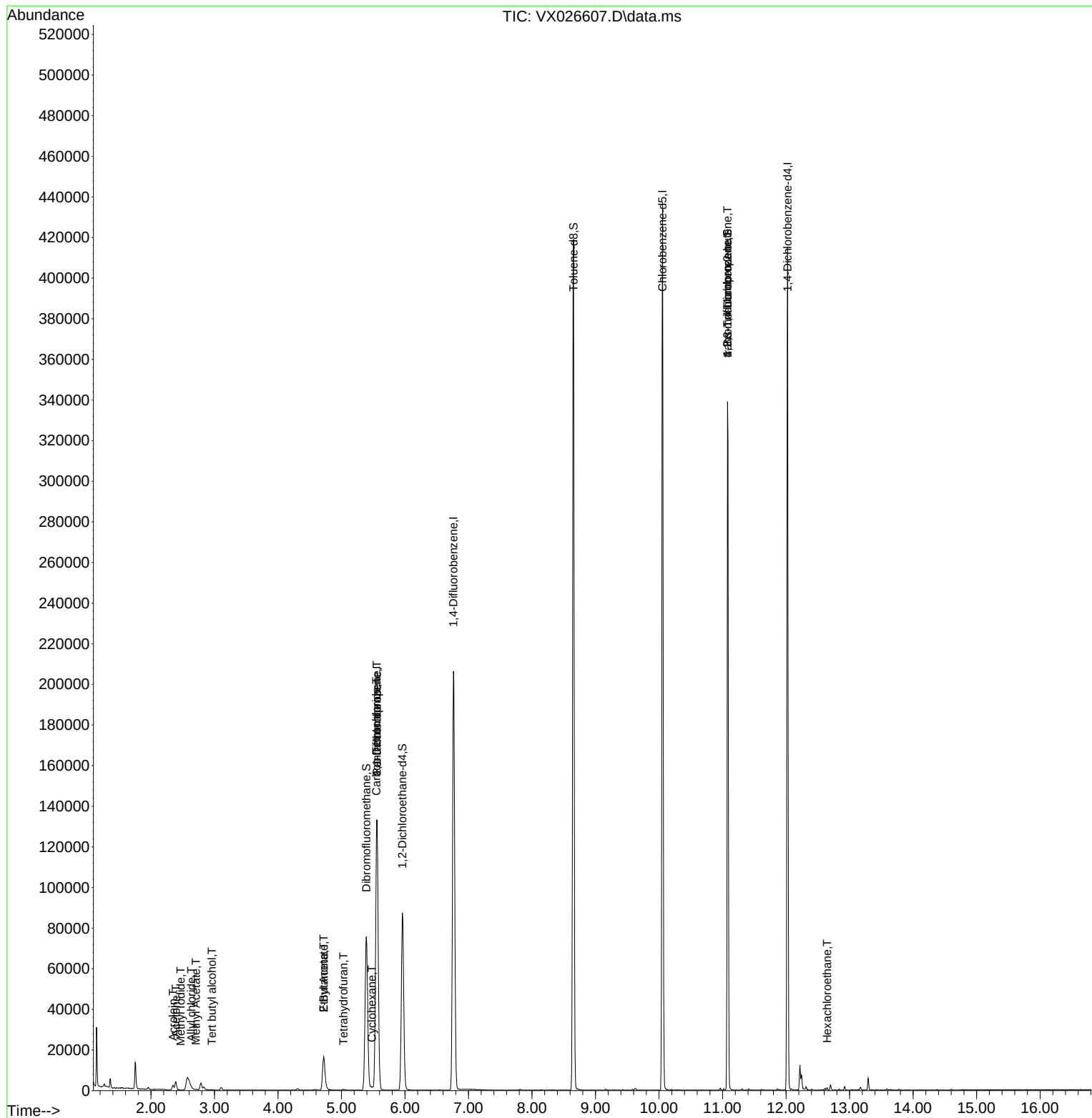
Internal Standards						
1) Pentafluorobenzene	5.556	168	124567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83883	48.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.420%
35) Dibromofluoromethane	5.391	113	66659	48.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.653	98	251562	50.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	94022	53.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.860%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	68	4.487	ug/l #	37
11) Tert butyl alcohol	2.959	59	232	0.958	ug/l #	75
13) Acrolein	2.349	56	357	1.388	ug/l #	45
14) Allyl chloride	2.636	41	532	0.222	ug/l #	43
16) Acetone	2.392	43	5242	5.907	ug/l	97
18) Methyl Acetate	2.709	43	590	0.334	ug/l #	53
25) 2-Butanone	4.721	43	29459	25.527	ug/l #	50
29) Tetrahydrofuran	5.032	42	469	0.684	ug/l #	41
31) Cyclohexane	5.477	56	1137	0.443	ug/l	87
36) 1,1-Dichloropropene	5.556	75	9835	4.532	ug/l #	51
37) Ethyl Acetate	4.721	43	29522	13.449	ug/l	98
38) Carbon Tetrachloride	5.550	117	13121	5.878	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	47980	26.096	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47980	79.103	ug/l #	3
90) Hexachloroethane	12.646	117	399	2.577	ug/l #	14

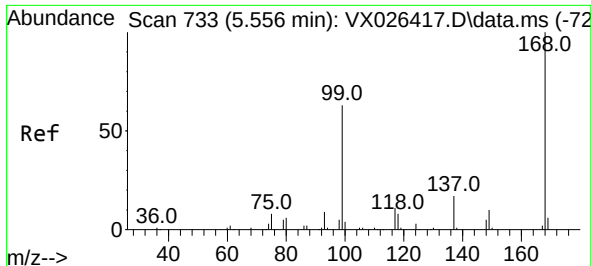
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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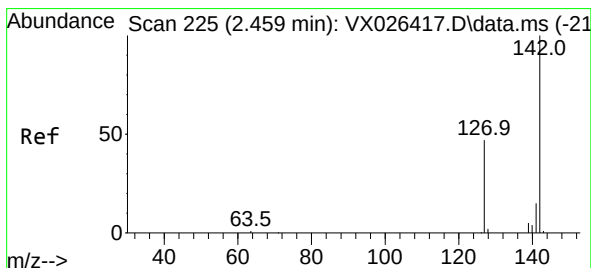
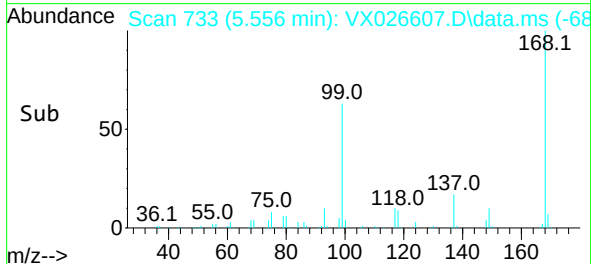
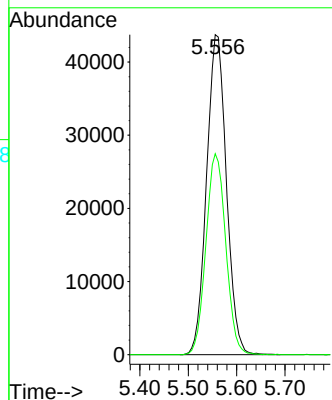
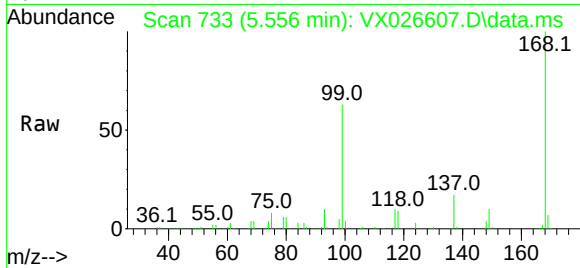




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

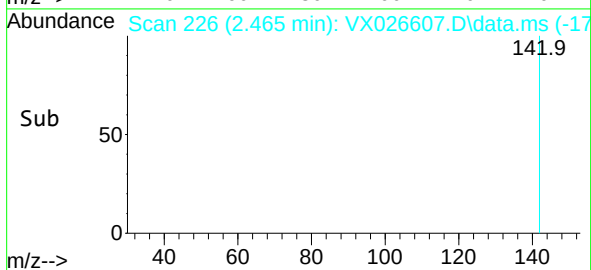
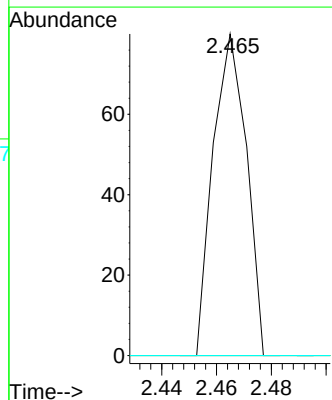
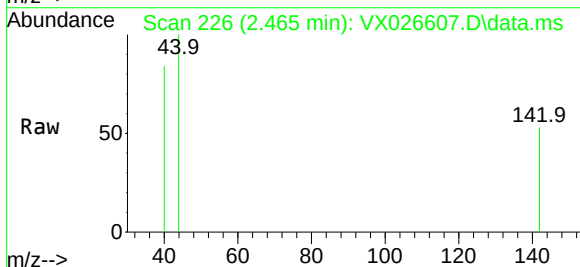
Instrument :
MSVOA_X
ClientSampleId :
MW-20

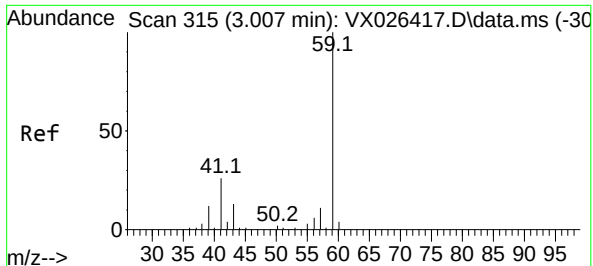
Tgt Ion:168 Resp: 124567
Ion Ratio Lower Upper
168 100
99 62.8 50.3 75.5



#10
Methyl Iodide
Concen: 4.487 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

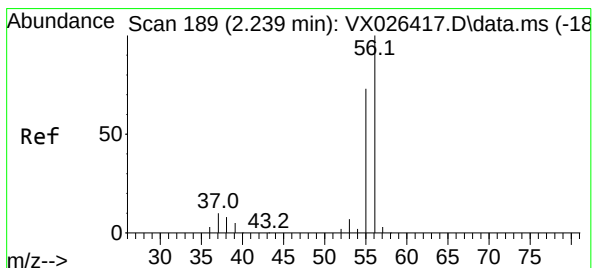
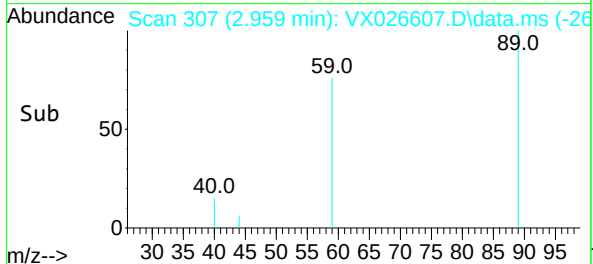
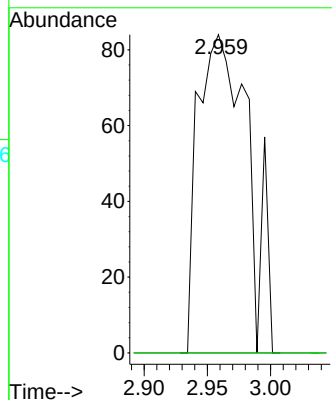
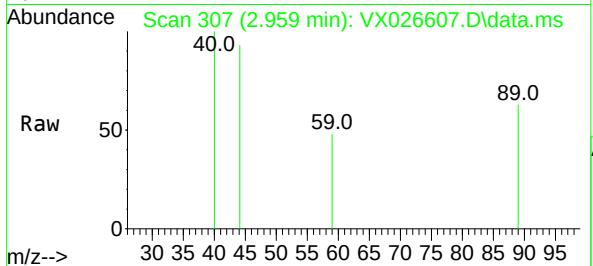




#11
Tert butyl alcohol
Concen: 0.958 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.048 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

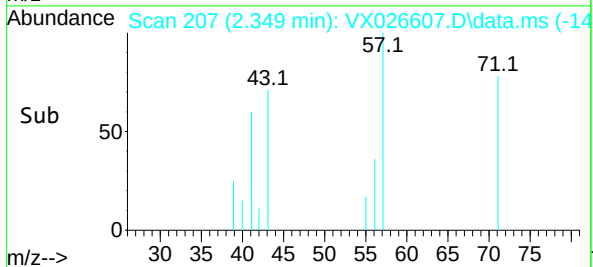
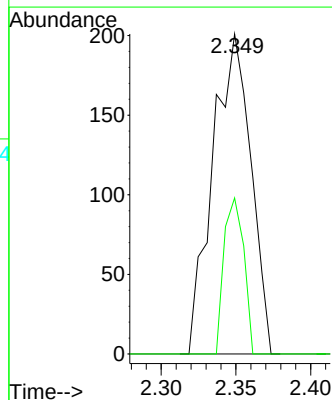
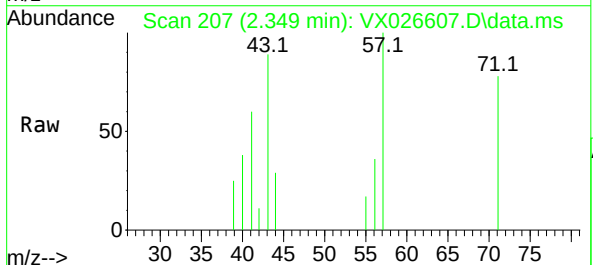
Instrument :
MSVOA_X
ClientSampleId :
MW-20

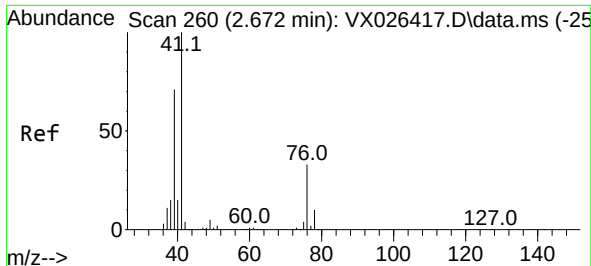
Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#13
Acrolein
Concen: 1.388 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.110 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 56 Resp: 357
Ion Ratio Lower Upper
56 100
55 25.2 56.9 85.3#

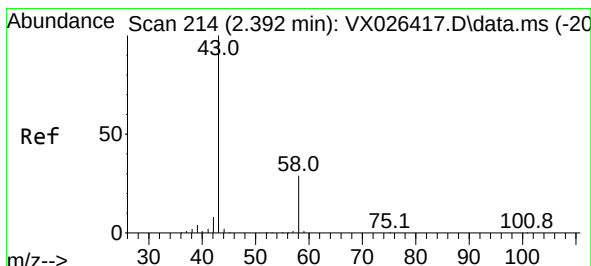
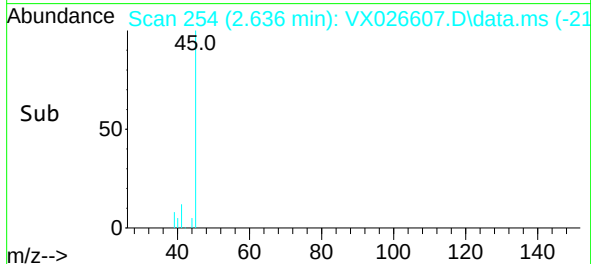
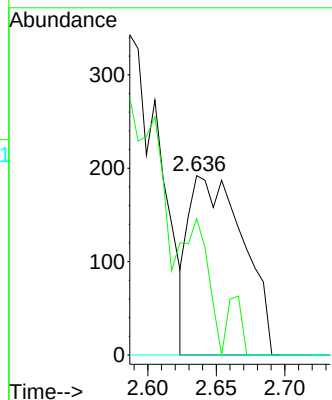
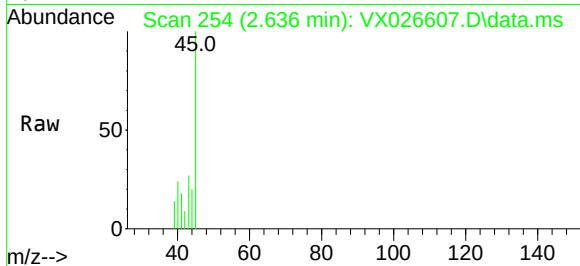




#14
 Allyl chloride
 Concen: 0.222 ug/l
 RT: 2.636 min Scan# 214
 Delta R.T. -0.037 min
 Lab File: VX026607.D
 Acq: 26 Jan 2022 20:06

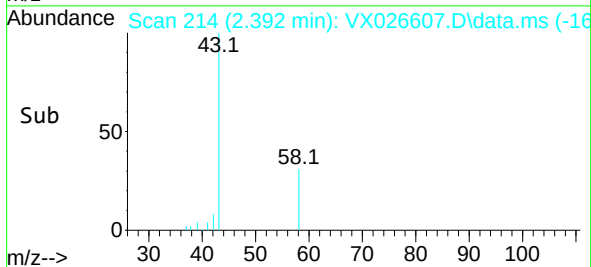
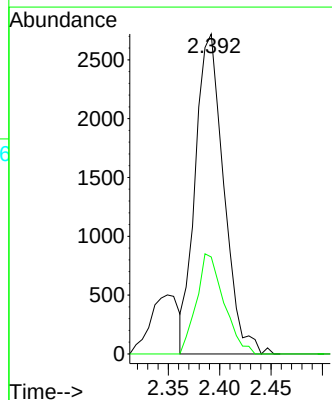
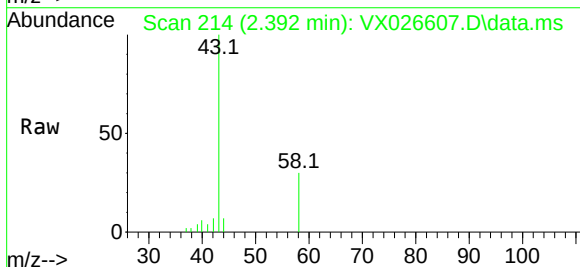
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

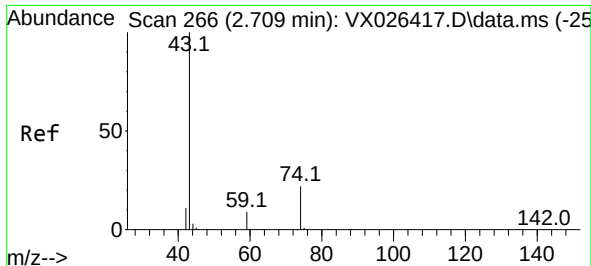
Tgt Ion	Ratio	Lower	Upper
41	100		
39	21.6	54.2	81.4#
76	0.0	25.2	37.8#



#16
 Acetone
 Concen: 5.907 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX026607.D
 Acq: 26 Jan 2022 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.0	34.6

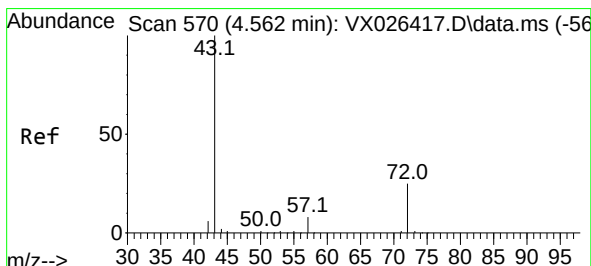
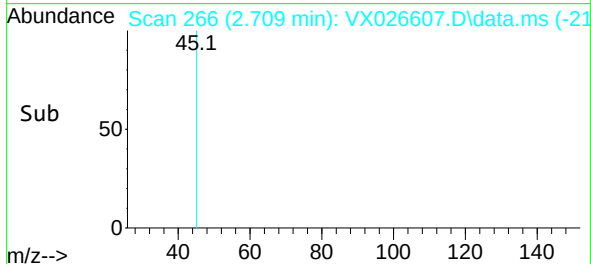
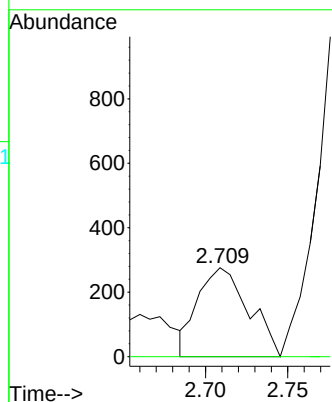
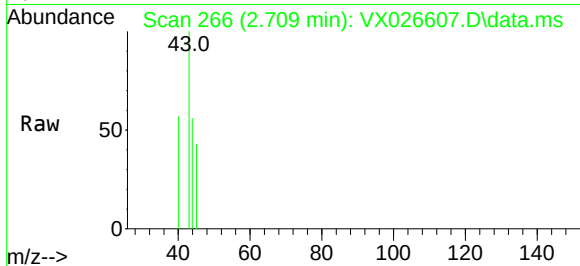




#18
Methyl Acetate
Concen: 0.334 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

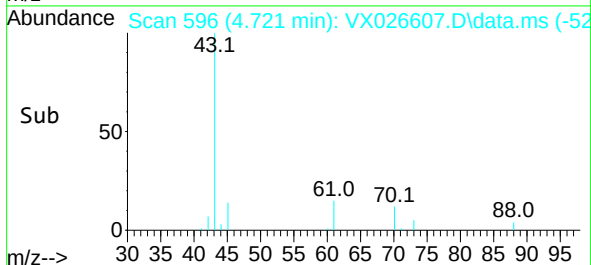
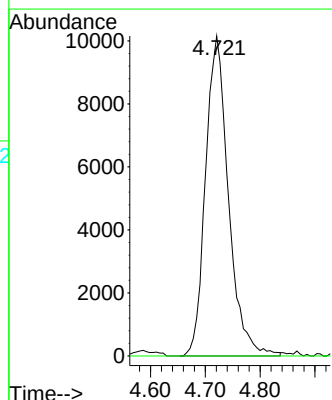
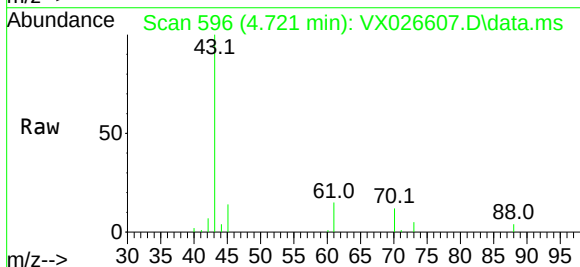
Instrument :
MSVOA_X
ClientSampleId :
MW-20

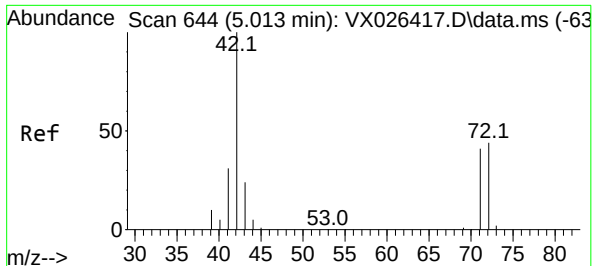
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
2-Butanone
Concen: 25.527 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.159 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 43 Resp: 29459
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.684 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

MW-20

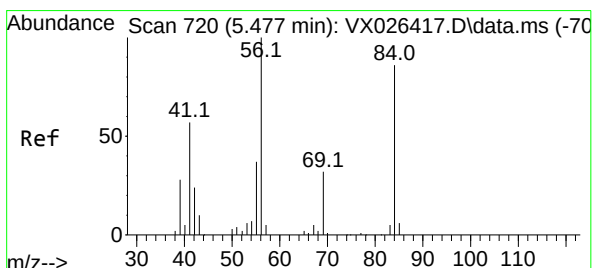
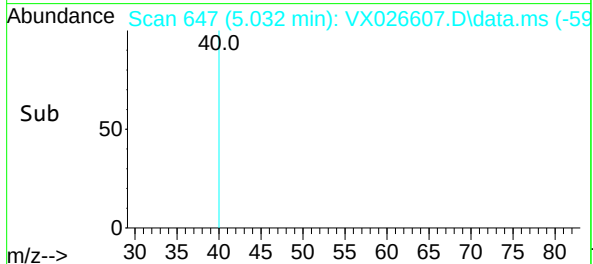
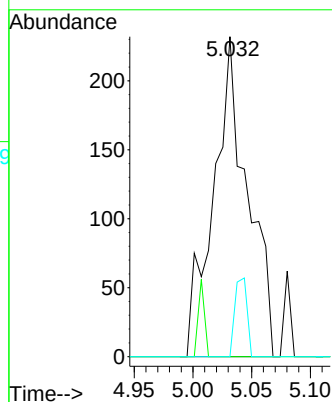
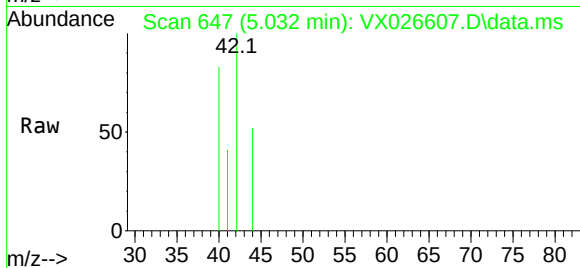
Tgt Ion: 42 Resp: 469

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 8.7 31.8 47.8#



#31

Cyclohexane

Concen: 0.443 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

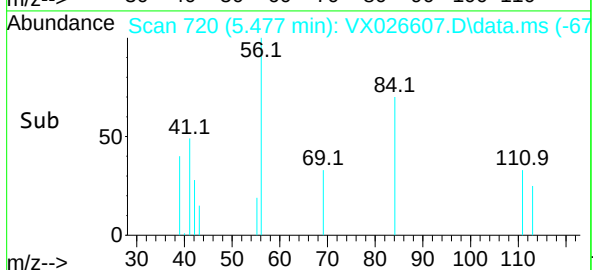
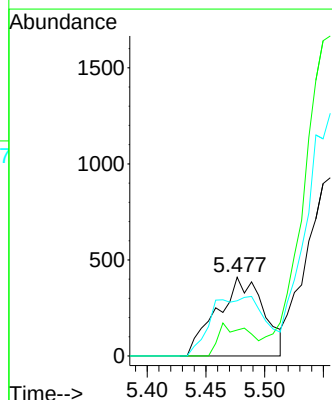
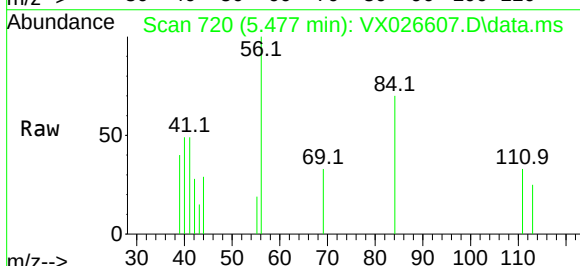
Tgt Ion: 56 Resp: 1137

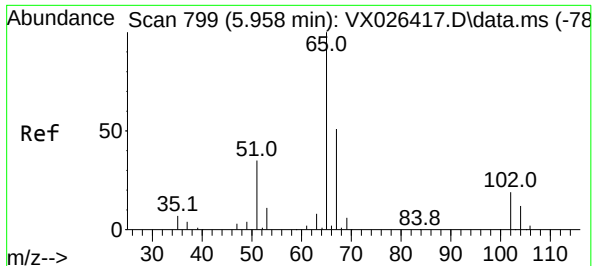
Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 70.0 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 48.206 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

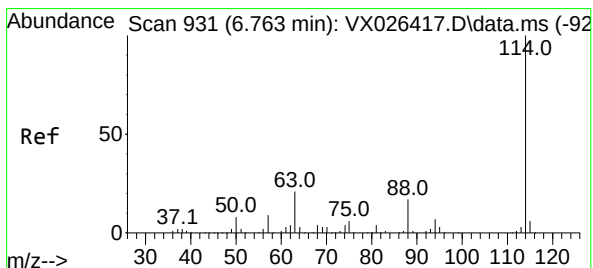
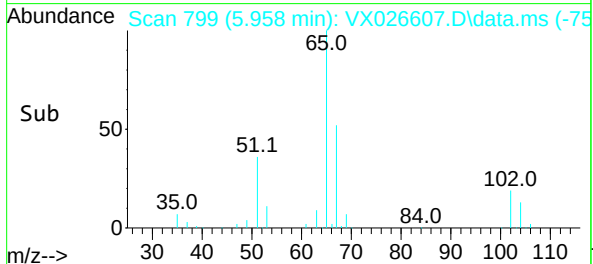
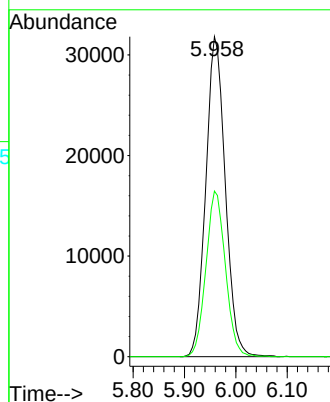
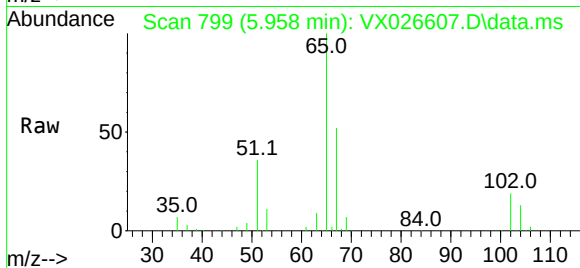
MW-20

Tgt Ion: 65 Resp: 83883

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

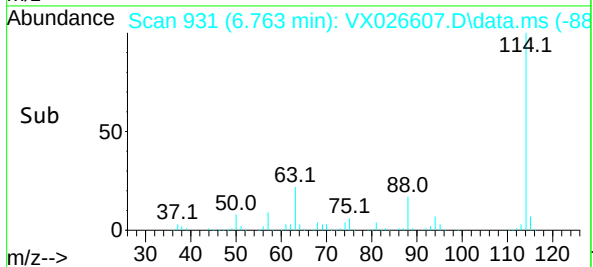
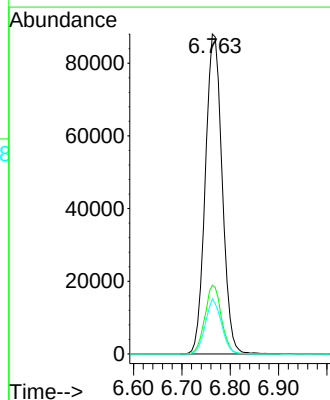
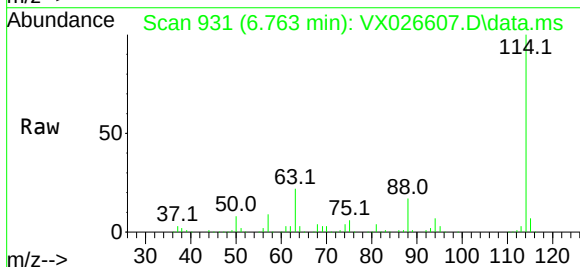
Tgt Ion: 114 Resp: 212868

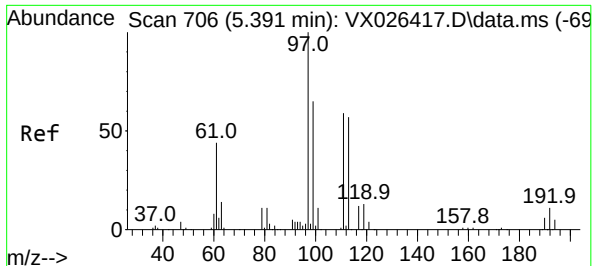
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

88 17.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.492 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

MW-20

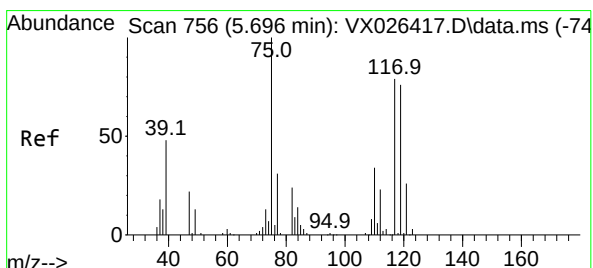
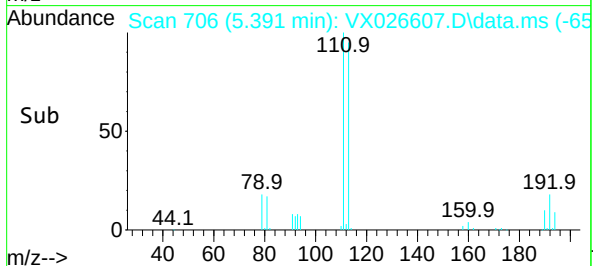
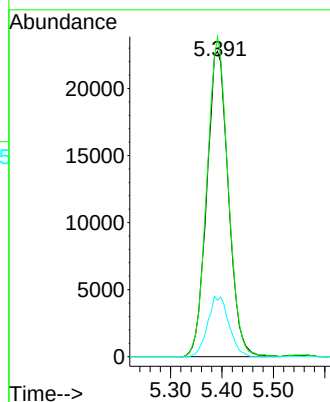
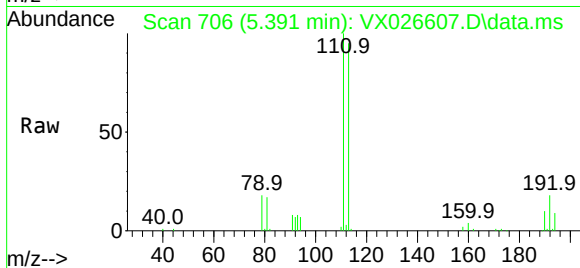
Tgt Ion:113 Resp: 66659

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 19.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.532 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

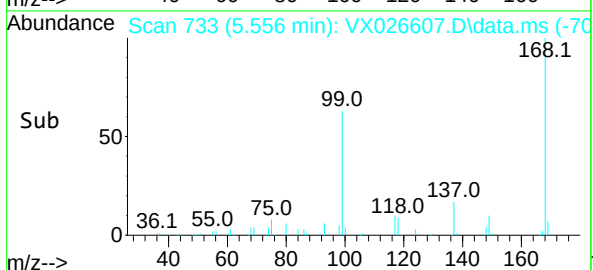
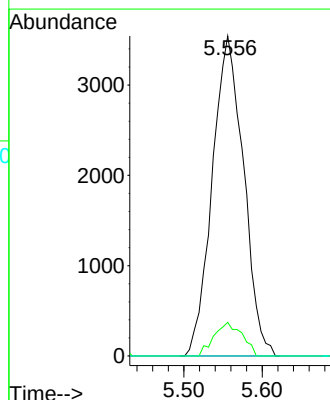
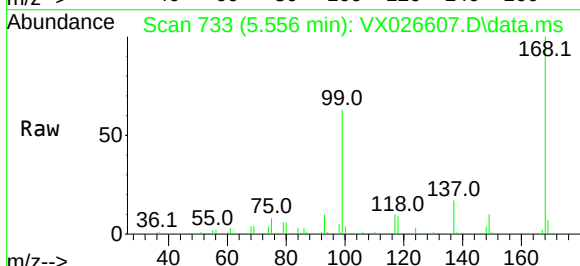
Tgt Ion: 75 Resp: 9835

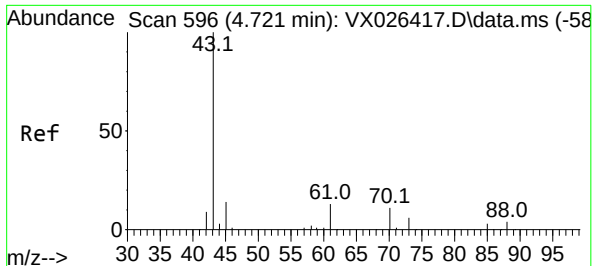
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 13.449 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

MW-20

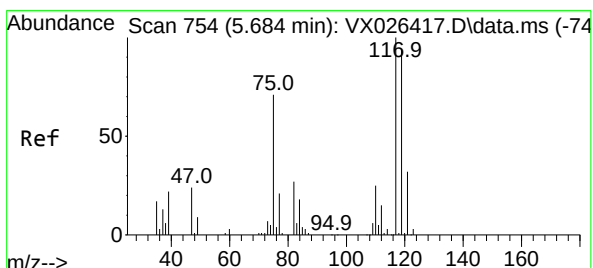
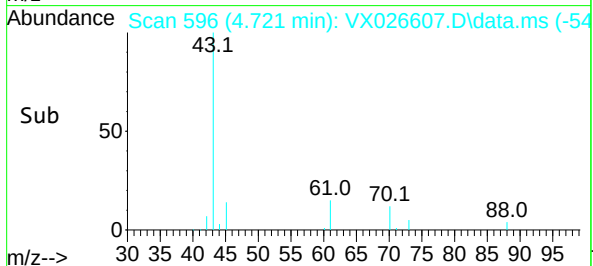
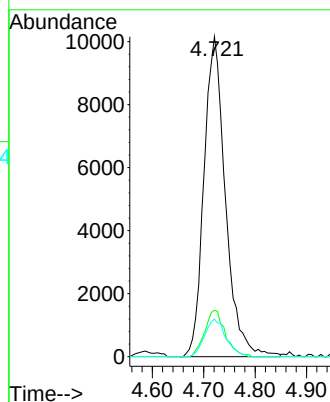
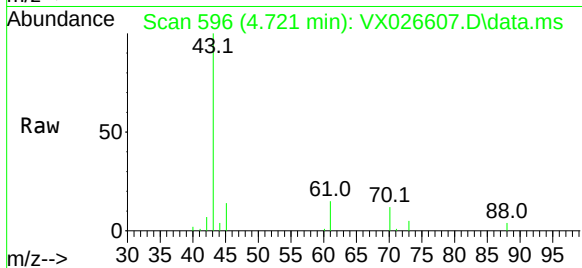
Tgt Ion: 43 Resp: 29522

Ion Ratio Lower Upper

43 100

61 13.8 10.6 16.0

70 11.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX026607.D

Acq: 26 Jan 2022 20:06

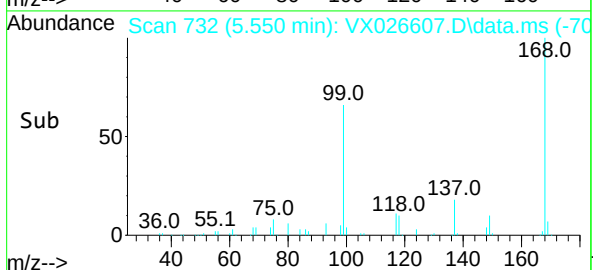
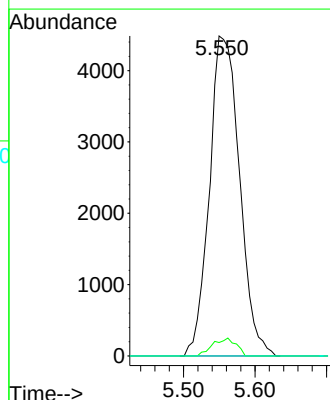
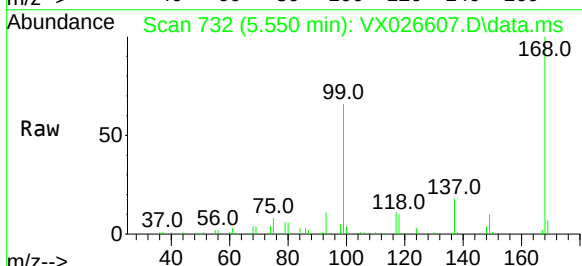
Tgt Ion: 117 Resp: 13121

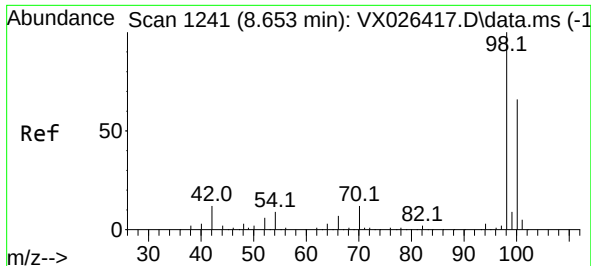
Ion Ratio Lower Upper

117 100

119 4.2 74.7 112.1#

121 0.0 25.4 38.0#

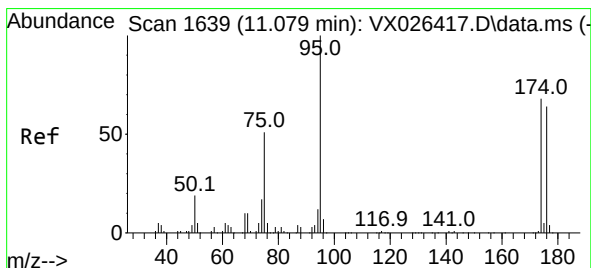
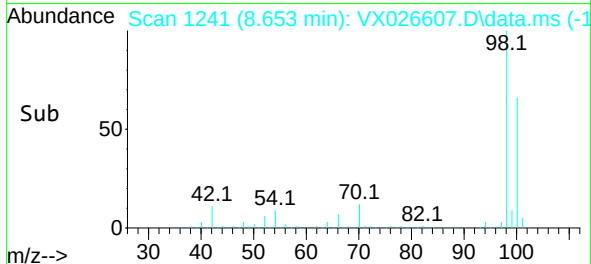
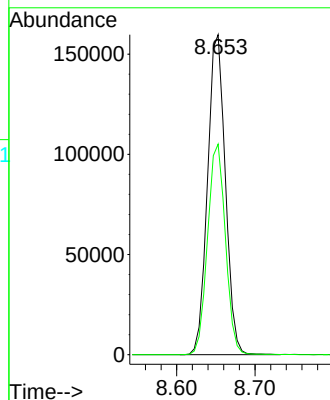
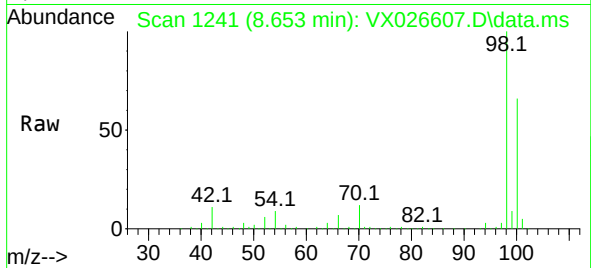




#50
Toluene-d8
Concen: 50.784 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

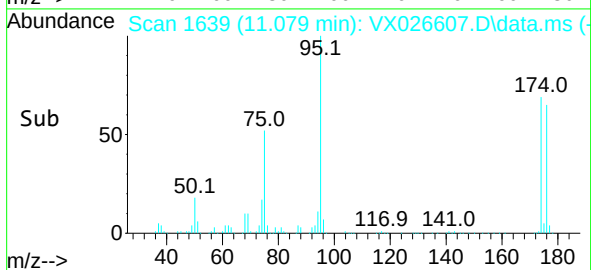
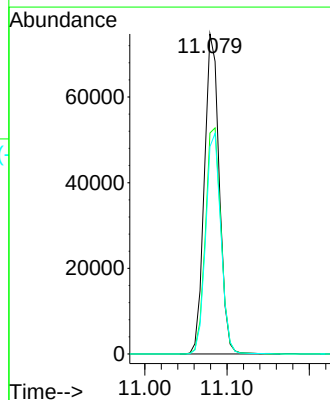
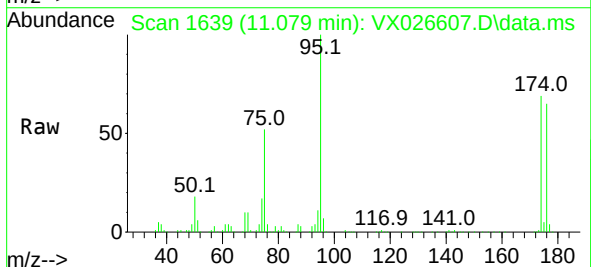
Instrument :
MSVOA_X
ClientSampleId :
MW-20

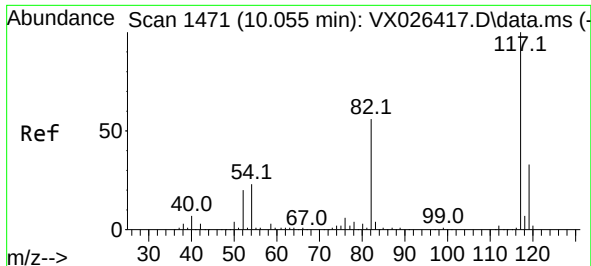
Tgt Ion: 98 Resp: 251562
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 53.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 95 Resp: 94022
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.6
176 70.3 0.0 141.4

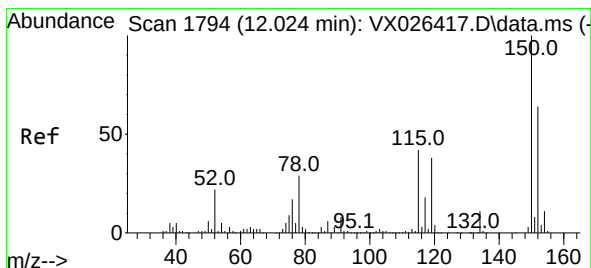
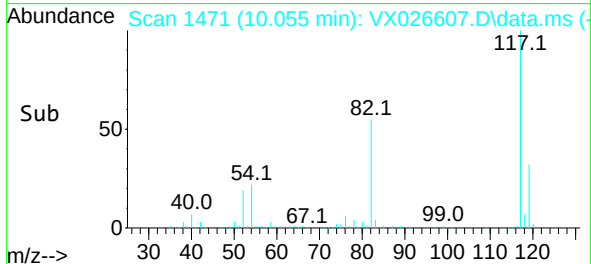
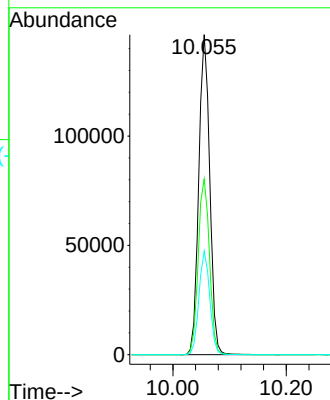
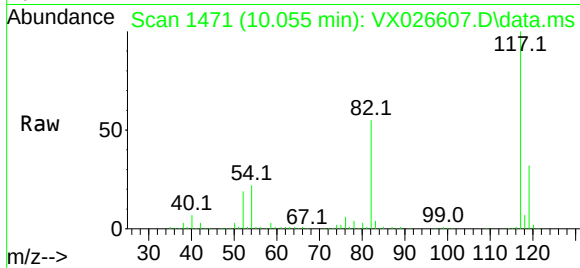




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

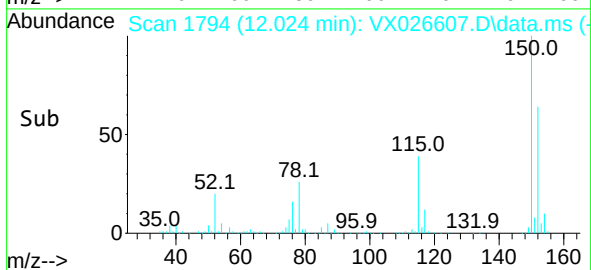
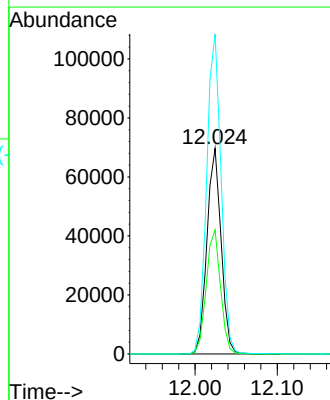
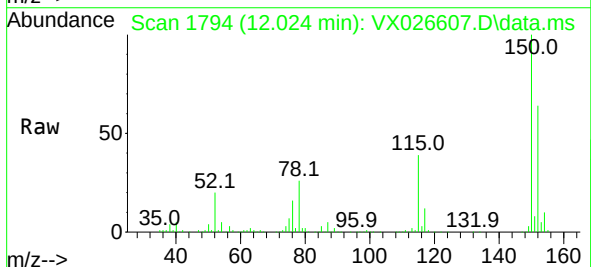
Instrument :
MSVOA_X
ClientSampleId :
MW-20

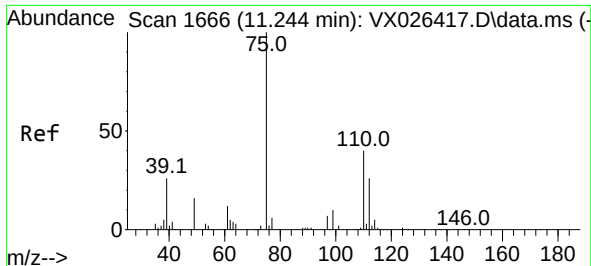
Tgt Ion:117 Resp: 196291
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion:152 Resp: 83505
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 158.3 0.0 348.2

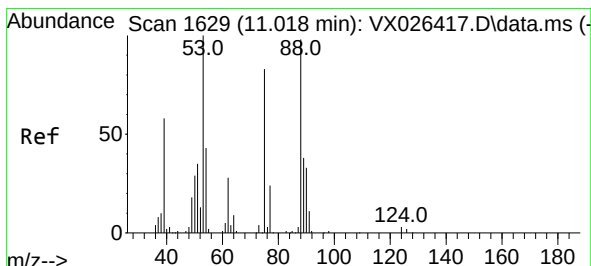
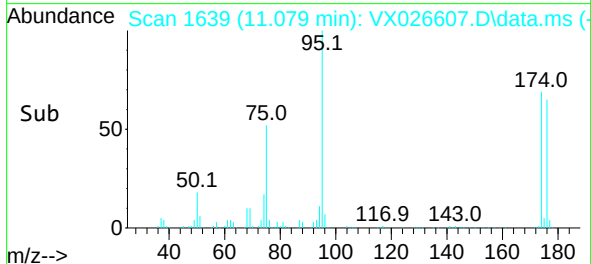
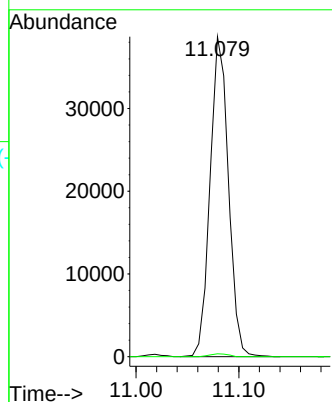
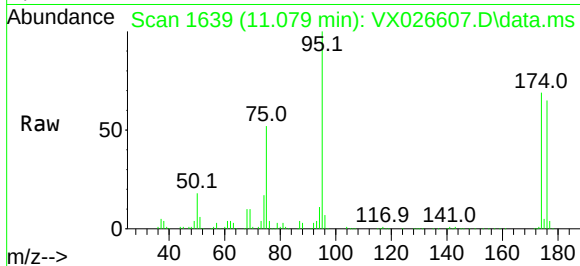




#76
1,2,3-Trichloropropane
Concen: 26.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

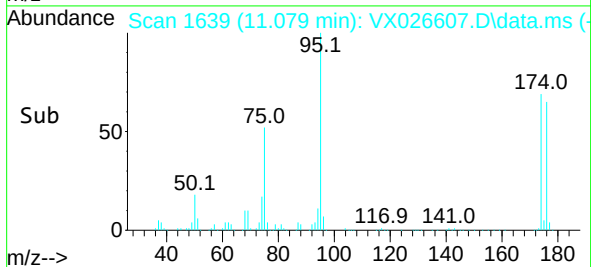
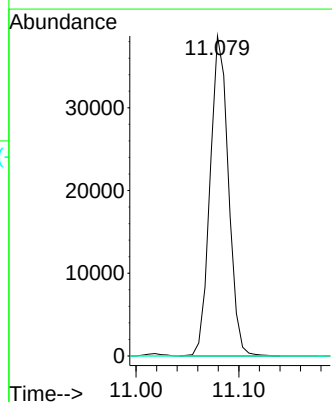
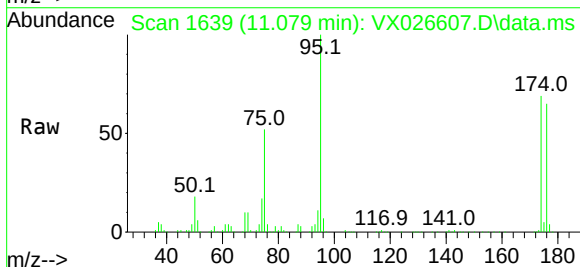
Instrument :
MSVOA_X
ClientSampleId :
MW-20

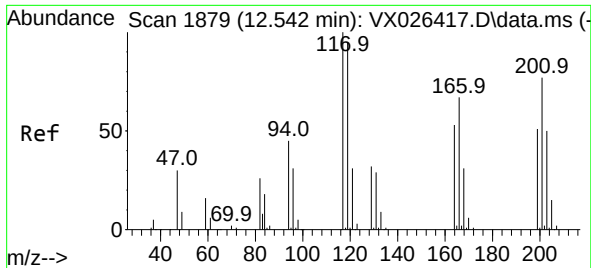
Tgt Ion: 75 Resp: 47980
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026607.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 75 Resp: 47980
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.577 ug/l
 RT: 12.646 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VX026607.D
 Acq: 26 Jan 2022 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Tgt Ion:117 Resp: 399
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

