

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026602.D
 Acq On : 26 Jan 2022 18:10
 Operator : JC/MD
 Sample : N1286-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

Quant Time: Jan 27 07:32:53 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)

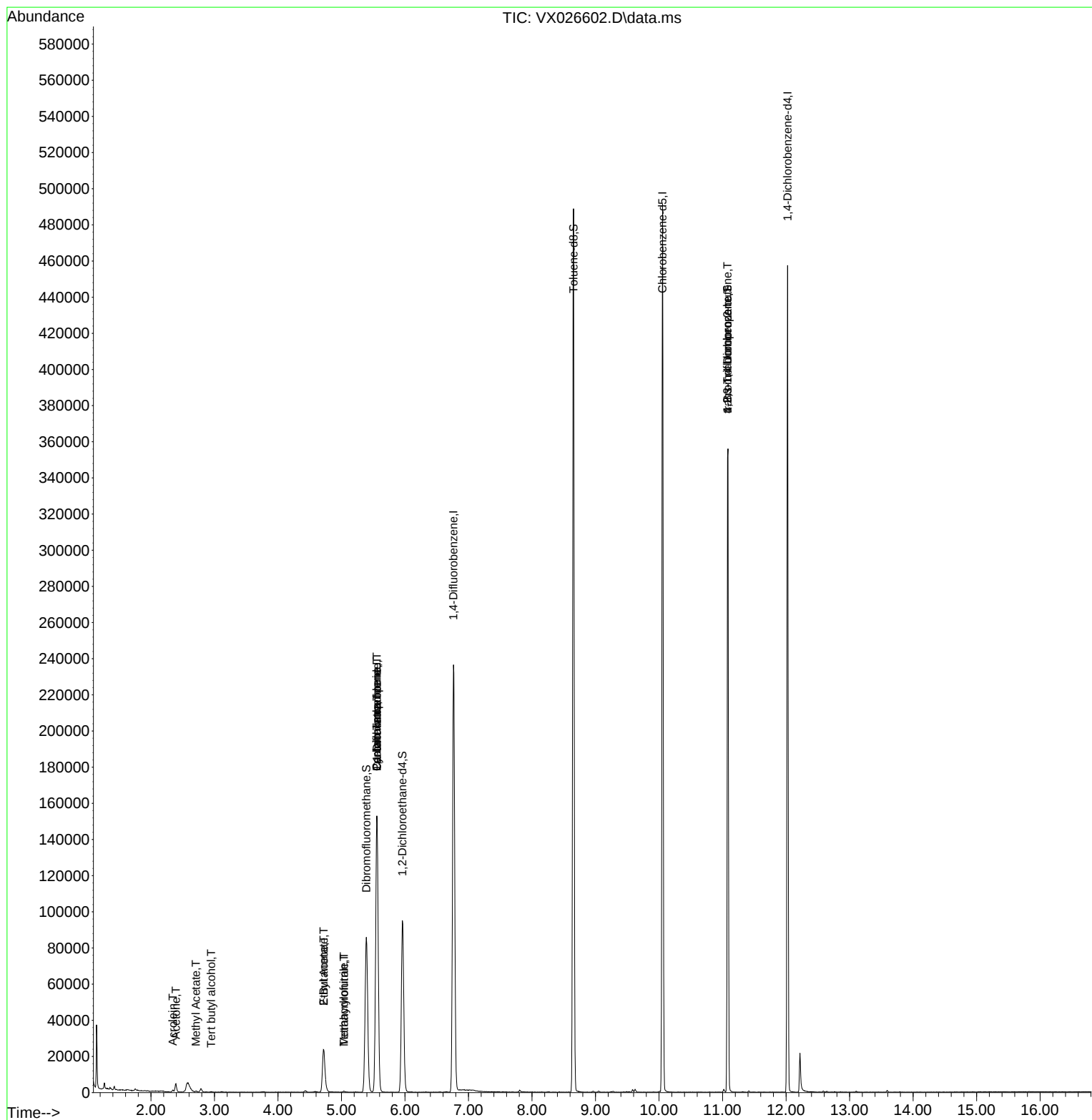
Internal Standards						
1) Pentafluorobenzene	5.555	168	141552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93347	47.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.391	113	76095	48.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	8.652	98	283375	50.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	101465	50.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	182	0.662	ug/l #	75
13) Acrolein	2.343	56	60	0.205	ug/l #	52
16) Acetone	2.391	43	6161	6.110	ug/l	98
18) Methyl Acetate	2.708	43	800	0.399	ug/l #	77
25) 2-Butanone	4.720	43	42878	32.697	ug/l #	50
29) Tetrahydrofuran	5.037	42	436	0.560	ug/l #	74
31) Cyclohexane	5.555	56	2929	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	11329	4.575	ug/l #	50
37) Ethyl Acetate	4.720	43	43078	17.196	ug/l	99
38) Carbon Tetrachloride	5.555	117	15087	5.923	ug/l #	17
41) Methacrylonitrile	5.037	41	300	0.211	ug/l #	33
76) 1,2,3-Trichloropropane	11.079	75	50730	25.227	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	50730	76.634	ug/l #	3

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

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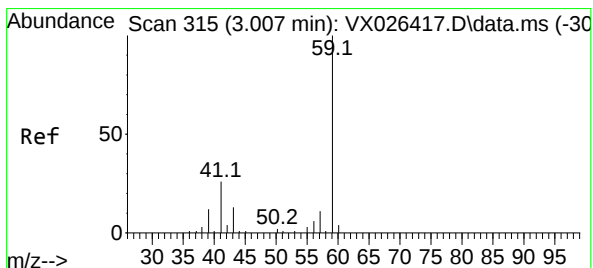
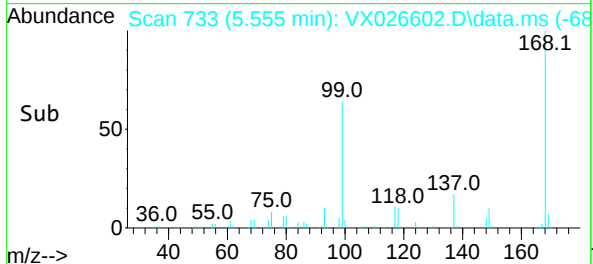
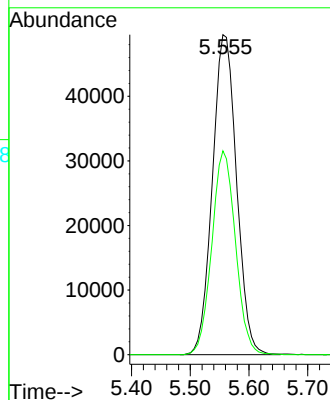
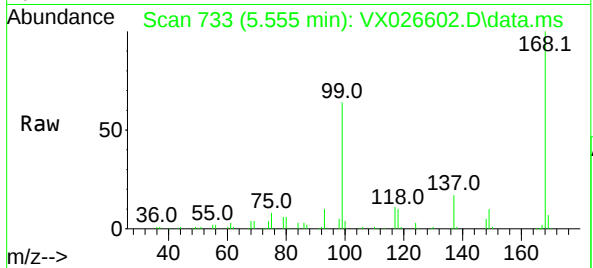




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

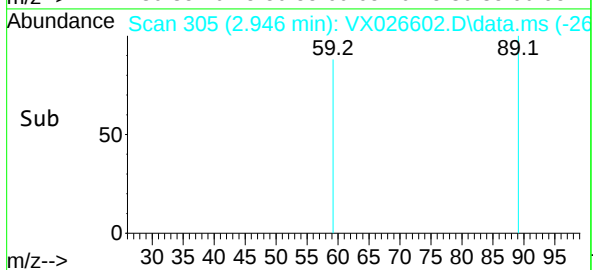
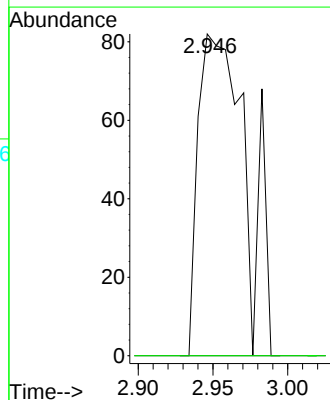
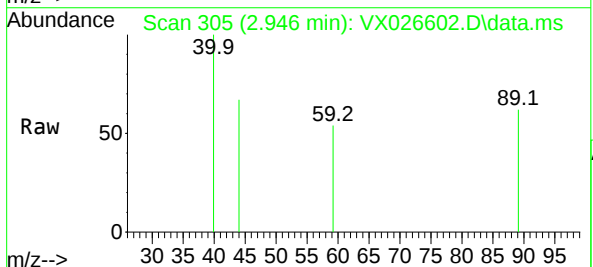
Instrument :
MSVOA_X
ClientSampleId :
MW-19

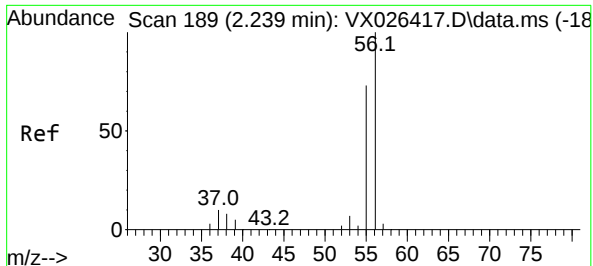
Tgt Ion:168 Resp: 141552
Ion Ratio Lower Upper
168 100
99 63.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.662 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#13

Acrolein

Concen: 0.205 ug/l

RT: 2.343 min Scan# 206

Delta R.T. 0.103 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

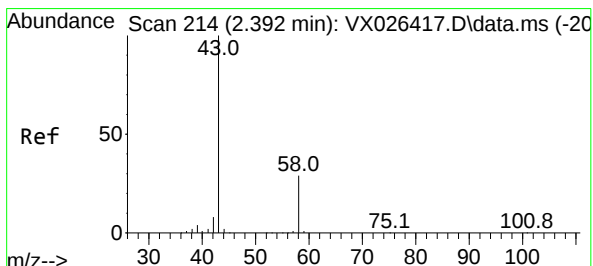
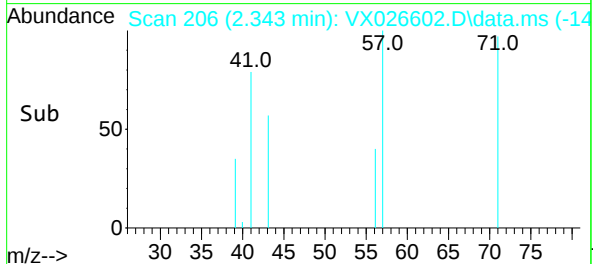
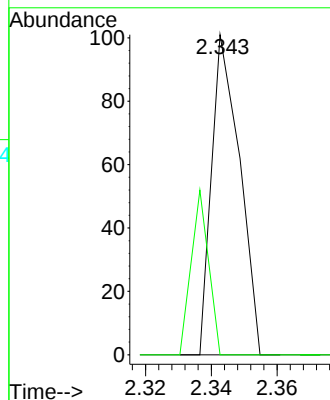
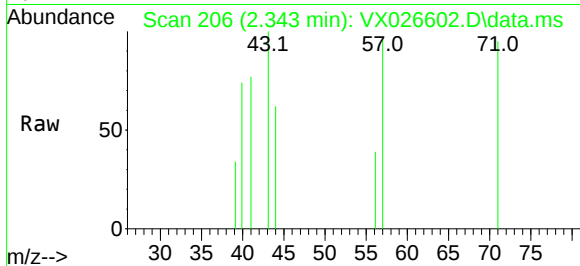
MW-19

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 31.7 56.9 85.3#



#16

Acetone

Concen: 6.110 ug/l

RT: 2.391 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX026602.D

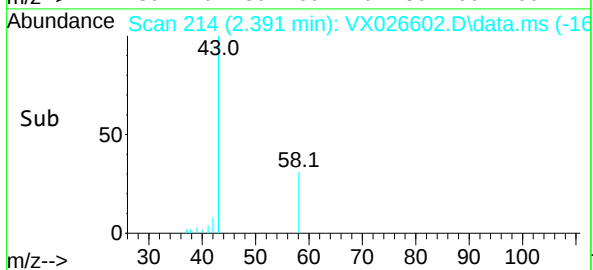
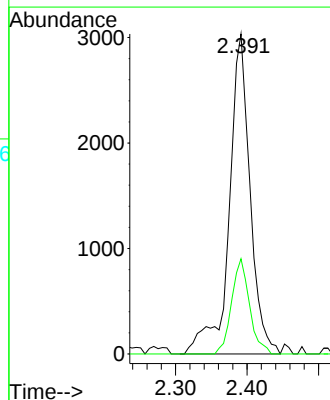
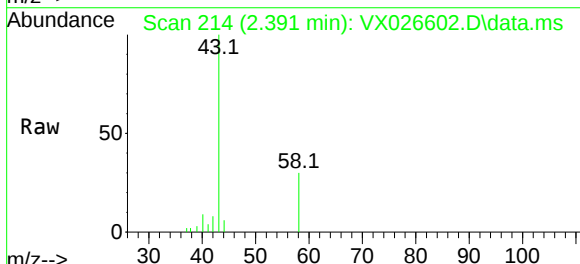
Acq: 26 Jan 2022 18:10

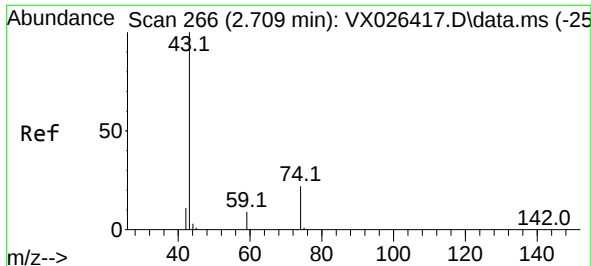
Tgt Ion: 43 Resp: 6161

Ion Ratio Lower Upper

43 100

58 29.8 23.0 34.6

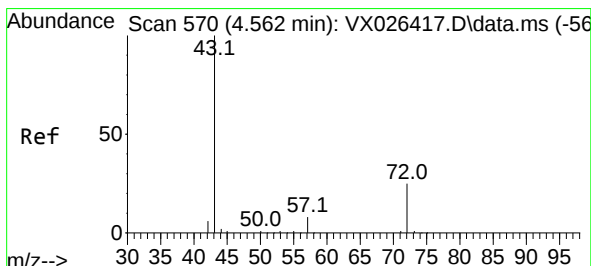
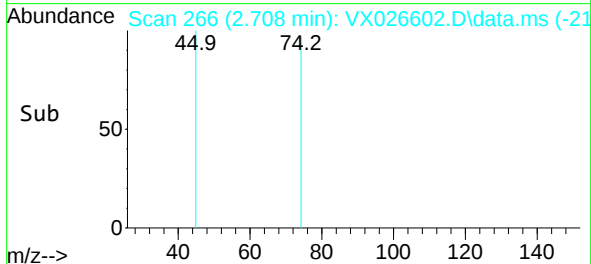
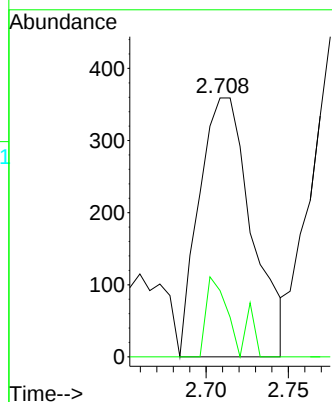
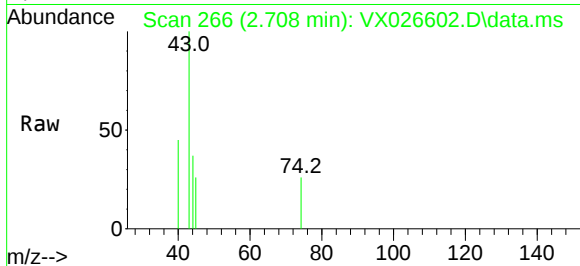




#18
Methyl Acetate
Concen: 0.399 ug/l
RT: 2.708 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

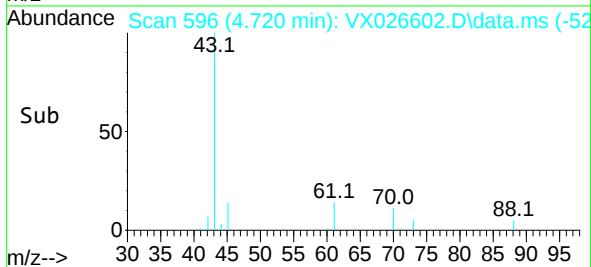
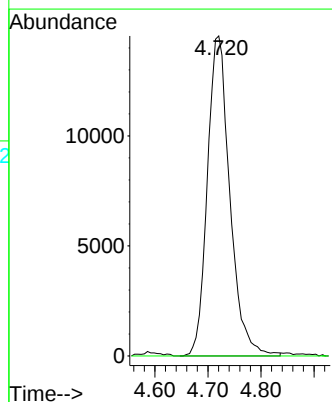
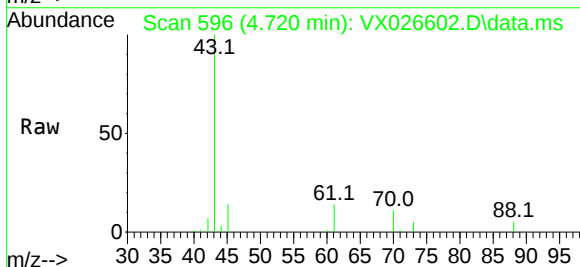
Instrument :
MSVOA_X
ClientSampleId :
MW-19

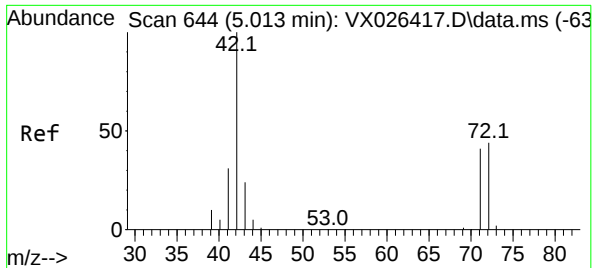
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
74 11.8 18.3 27.5#



#25
2-Butanone
Concen: 32.697 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.158 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

Tgt Ion: 43 Resp: 42878
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.560 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-19

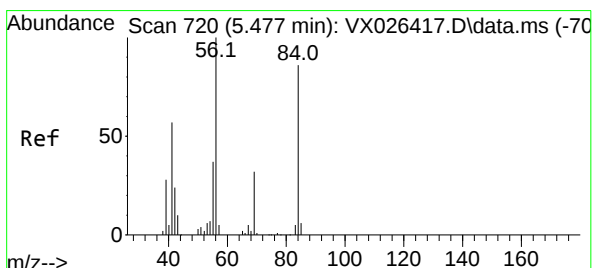
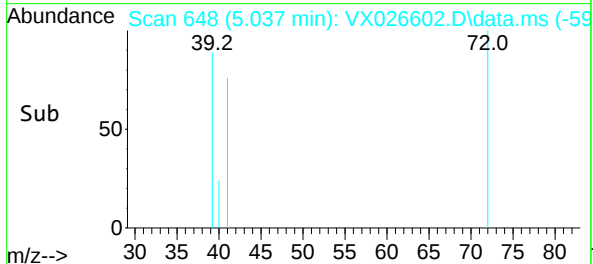
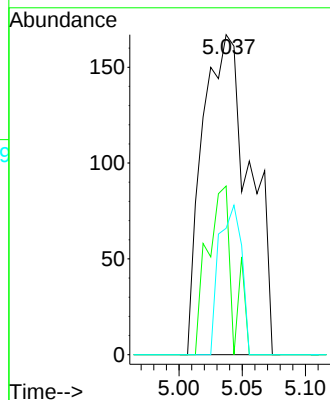
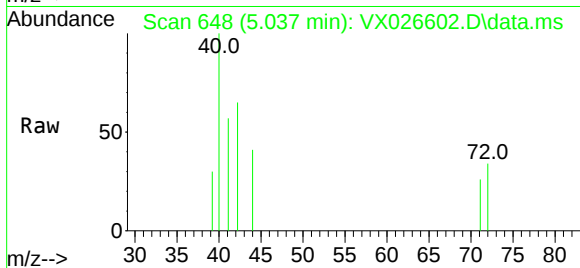
Tgt Ion: 42 Resp: 436

Ion Ratio Lower Upper

42 100

72 27.8 34.6 52.0#

71 22.2 31.8 47.8#



#31

Cyclohexane

Concen: 1.004 ug/l

RT: 5.555 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

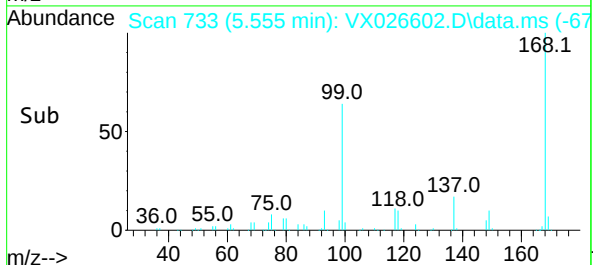
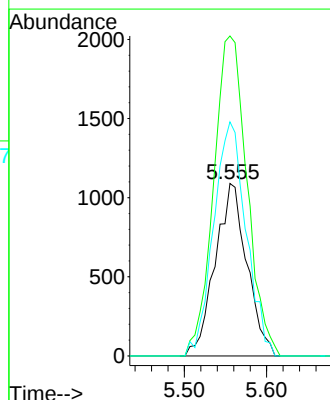
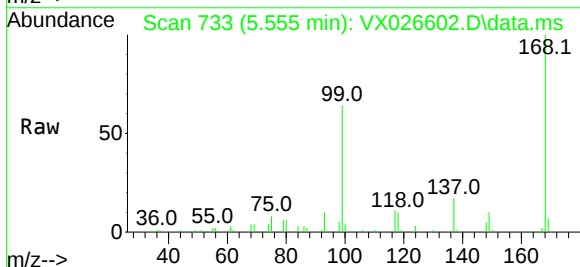
Tgt Ion: 56 Resp: 2929

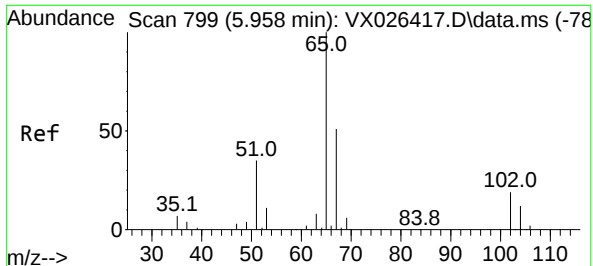
Ion Ratio Lower Upper

56 100

69 185.5 25.8 38.6#

84 135.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.208 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

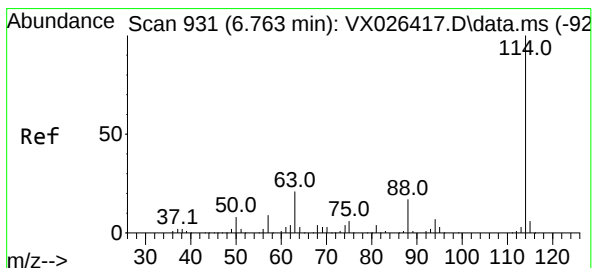
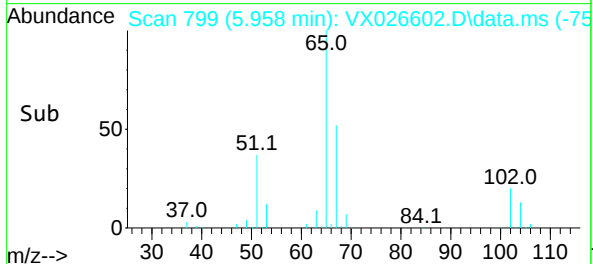
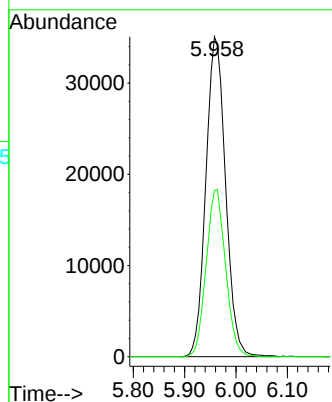
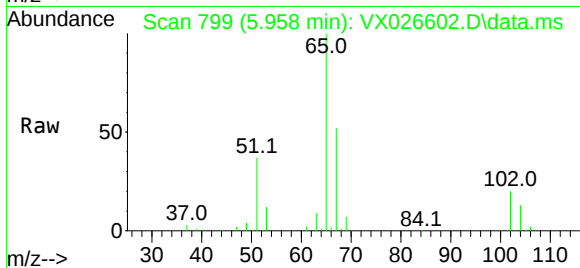
MW-19

Tgt Ion: 65 Resp: 93347

Ion Ratio Lower Upper

65 100

67 51.5 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: VX026602.D

Acq: 26 Jan 2022 18:10

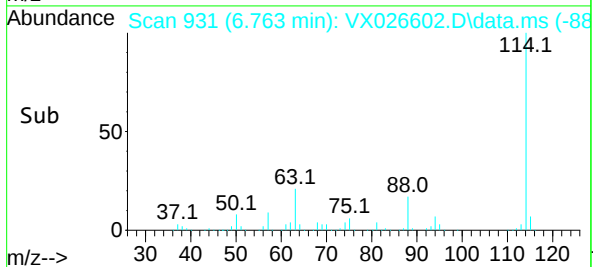
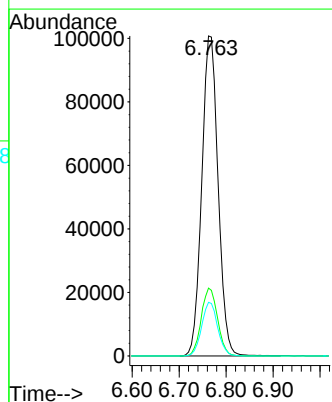
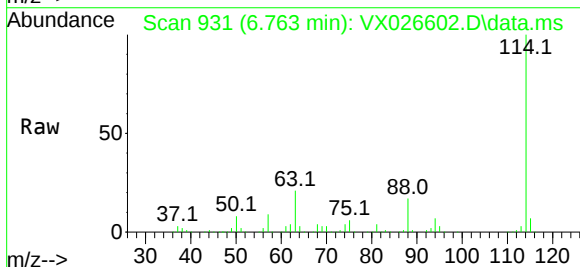
Tgt Ion: 114 Resp: 242928

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.507 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026602.D

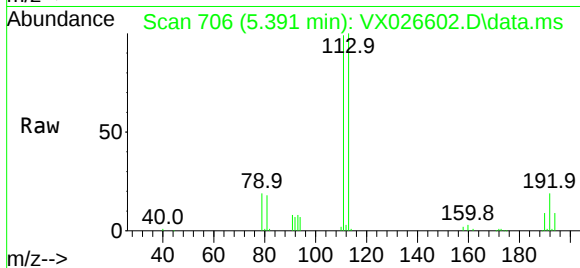
Acq: 26 Jan 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-19



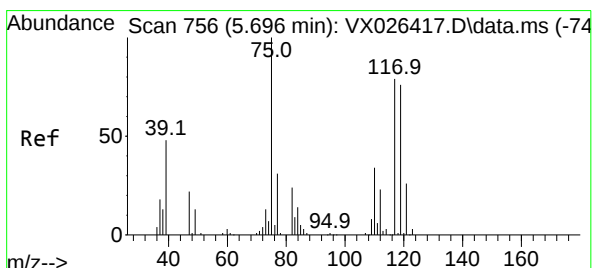
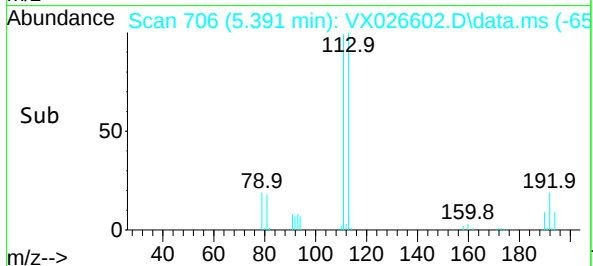
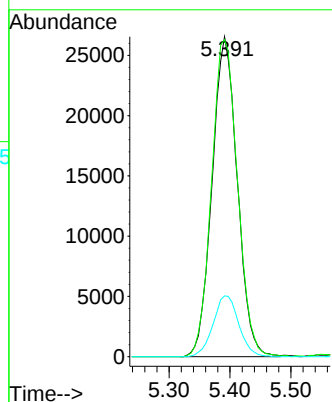
Tgt Ion:113 Resp: 76095

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 19.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

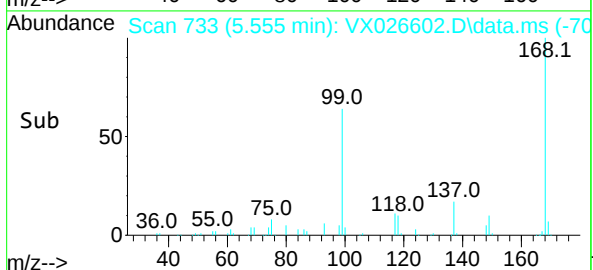
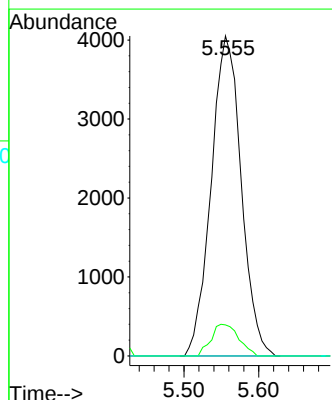
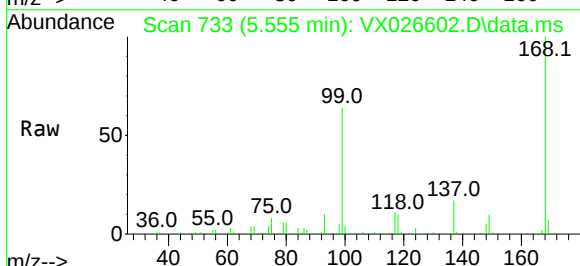
Tgt Ion: 75 Resp: 11329

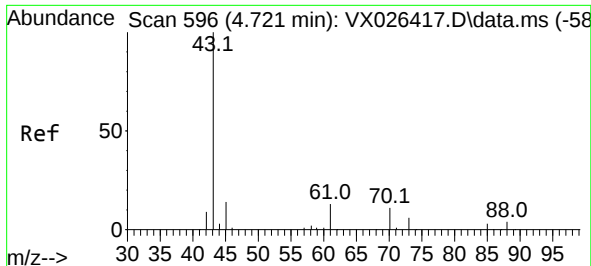
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 17.196 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-19

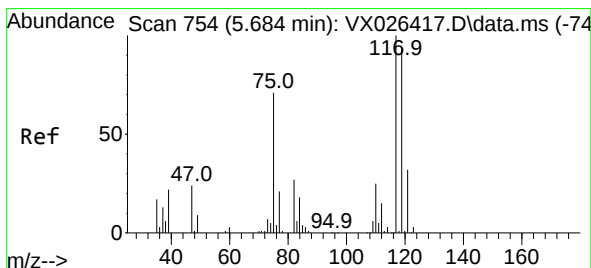
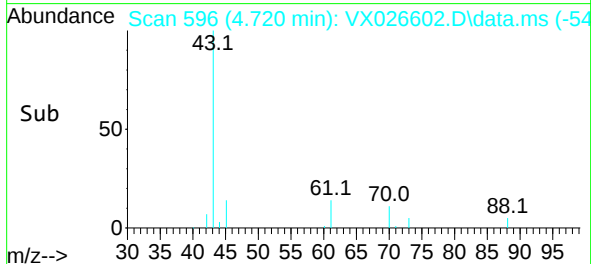
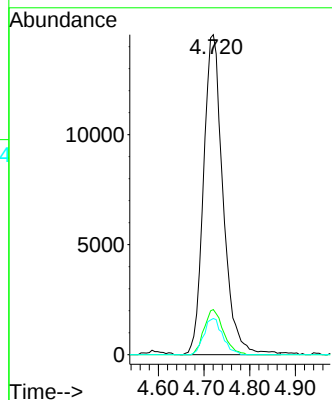
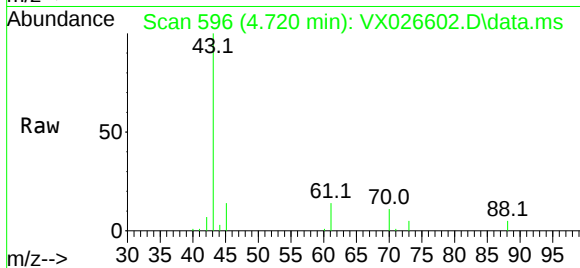
Tgt Ion: 43 Resp: 43078

Ion Ratio Lower Upper

43 100

61 13.9 10.6 16.0

70 10.9 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.923 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026602.D

Acq: 26 Jan 2022 18:10

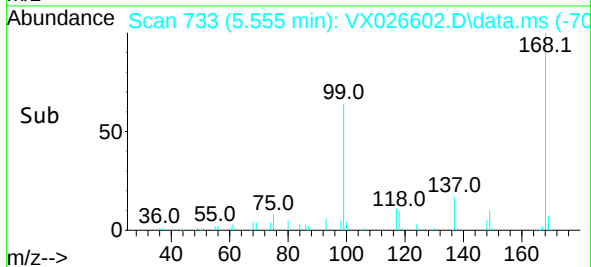
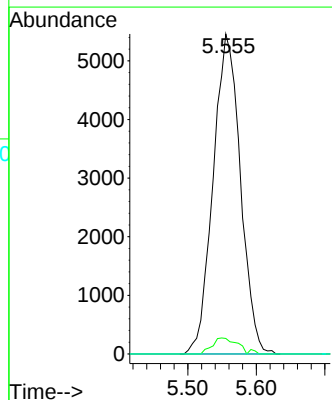
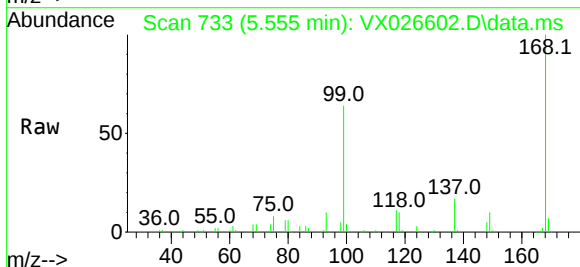
Tgt Ion: 117 Resp: 15087

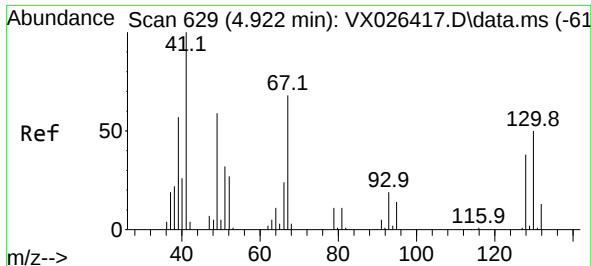
Ion Ratio Lower Upper

117 100

119 4.8 74.7 112.1#

121 0.0 25.4 38.0#

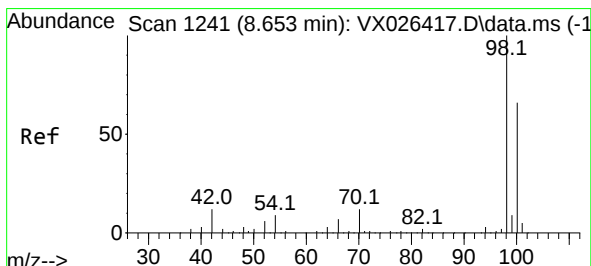
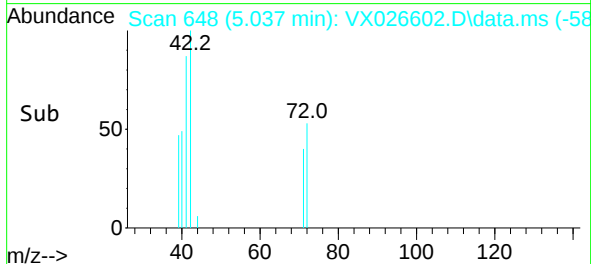
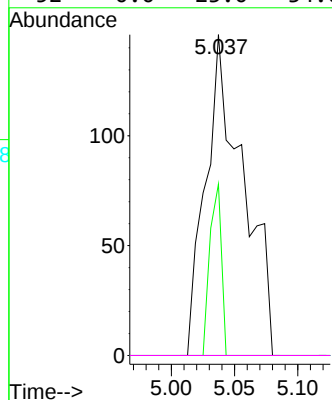
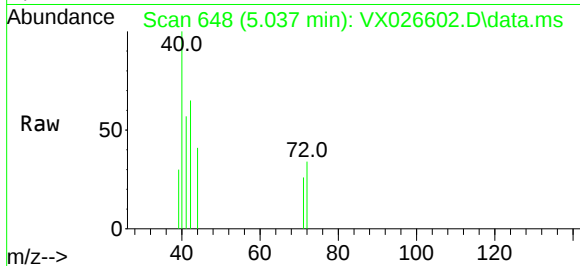




#41
Methacrylonitrile
Concen: 0.211 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.115 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

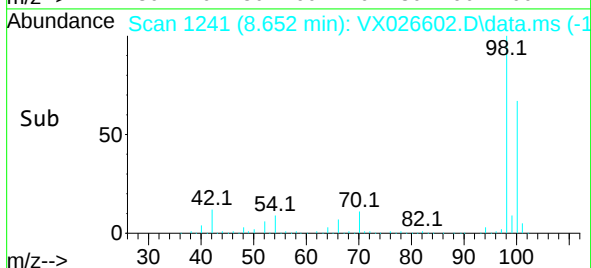
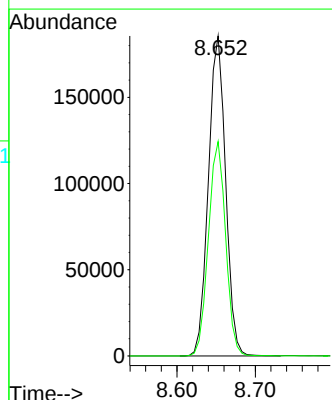
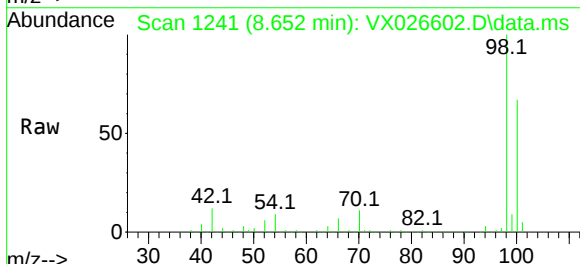
Instrument :
MSVOA_X
ClientSampleId :
MW-19

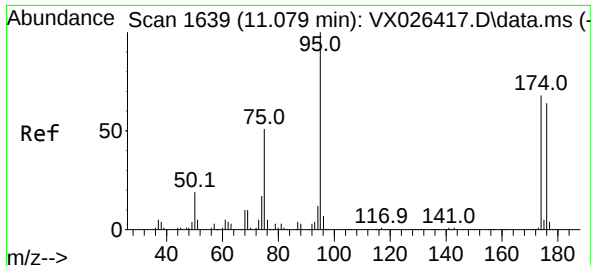
Tgt Ion: 41 Resp: 300
Ion Ratio Lower Upper
41 100
39 16.7 45.4 68.0#
67 0.0 53.2 79.8#
52 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

Tgt Ion: 98 Resp: 283375
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8

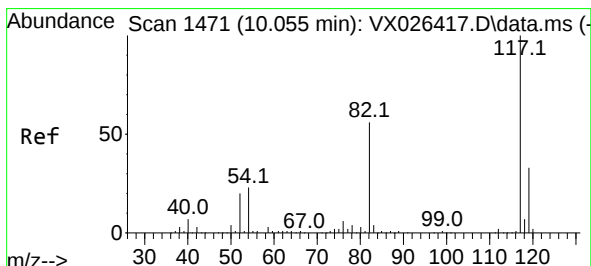
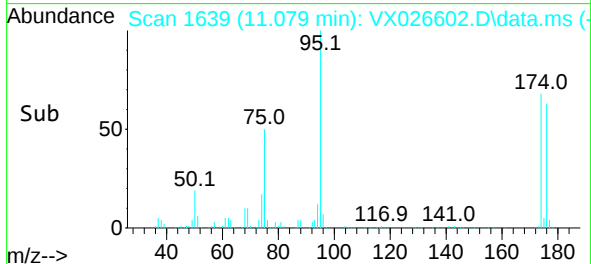
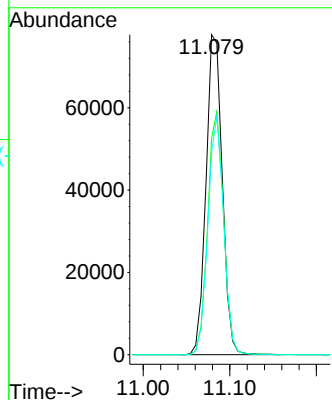
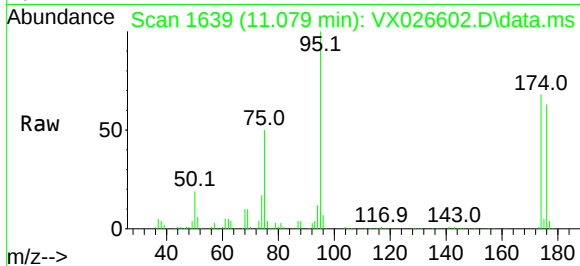




#62
4-Bromofluorobenzene
Concen: 50.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

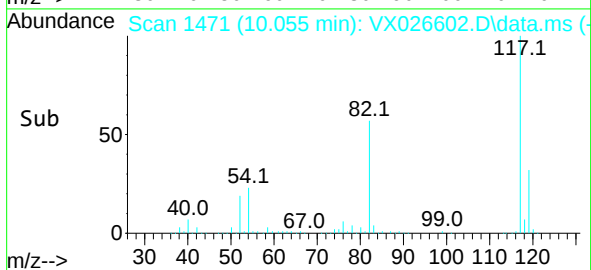
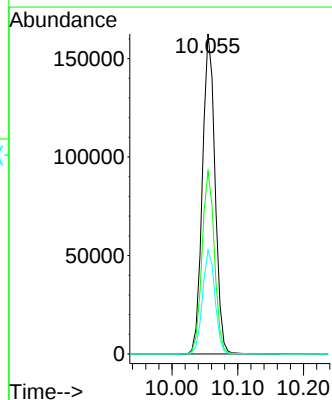
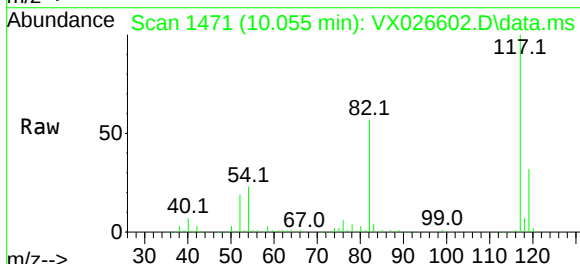
Instrument :
MSVOA_X
ClientSampleId :
MW-19

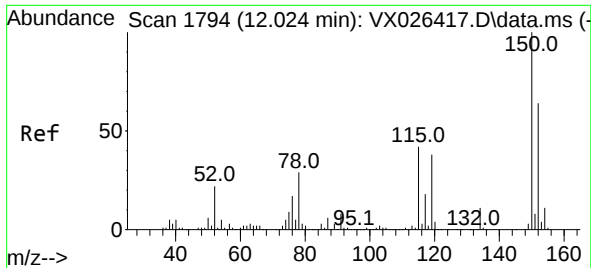
Tgt Ion: 95 Resp: 101465
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.6
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026602.D
Acq: 26 Jan 2022 18:10

Tgt Ion: 117 Resp: 216869
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.5 26.2 39.2

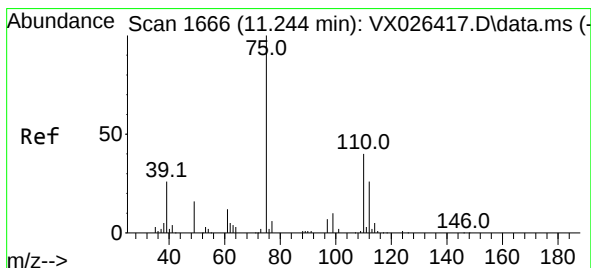
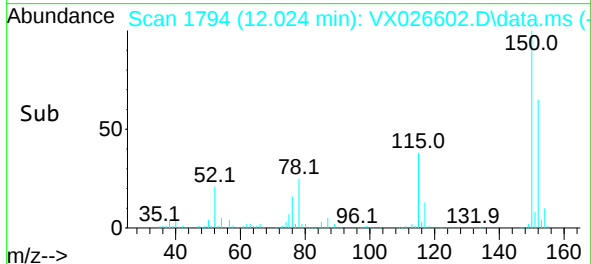
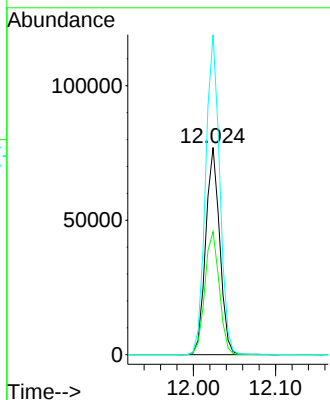
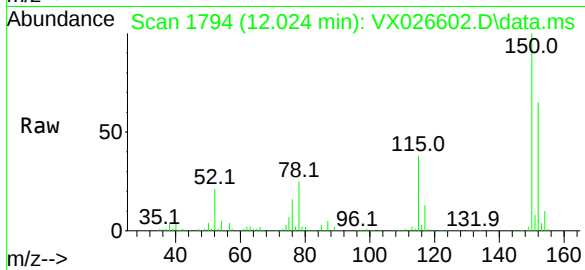




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026602.D
 Acq: 26 Jan 2022 18:10

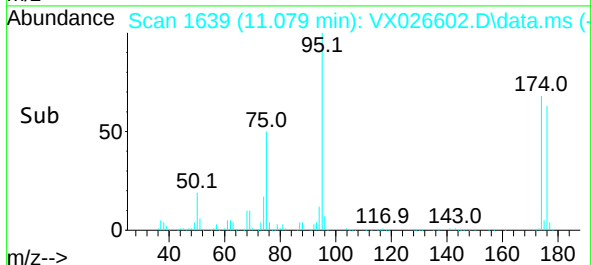
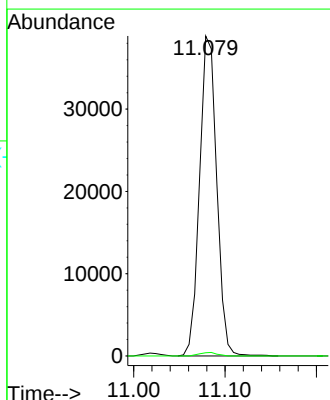
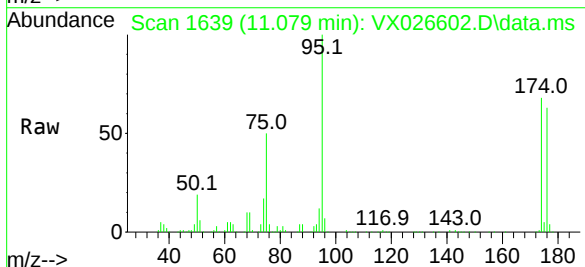
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

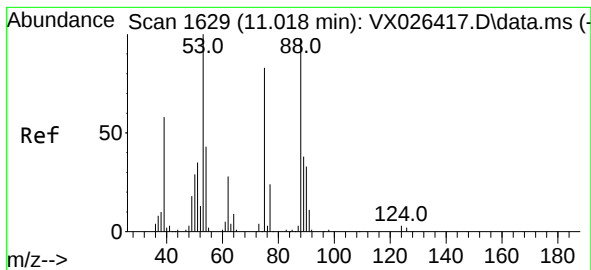
Tgt Ion:152 Resp: 91334
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.2 132.6
 150 155.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.227 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026602.D
 Acq: 26 Jan 2022 18:10

Tgt Ion: 75 Resp: 50730
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.634 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026602.D
 Acq: 26 Jan 2022 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

Tgt Ion: 75 Resp: 50730
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

