

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026383.D
 Acq On : 06 Jan 2022 18:58
 Operator : JC/MD
 Sample : N1020-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Jan 07 04:18:07 2022
 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)

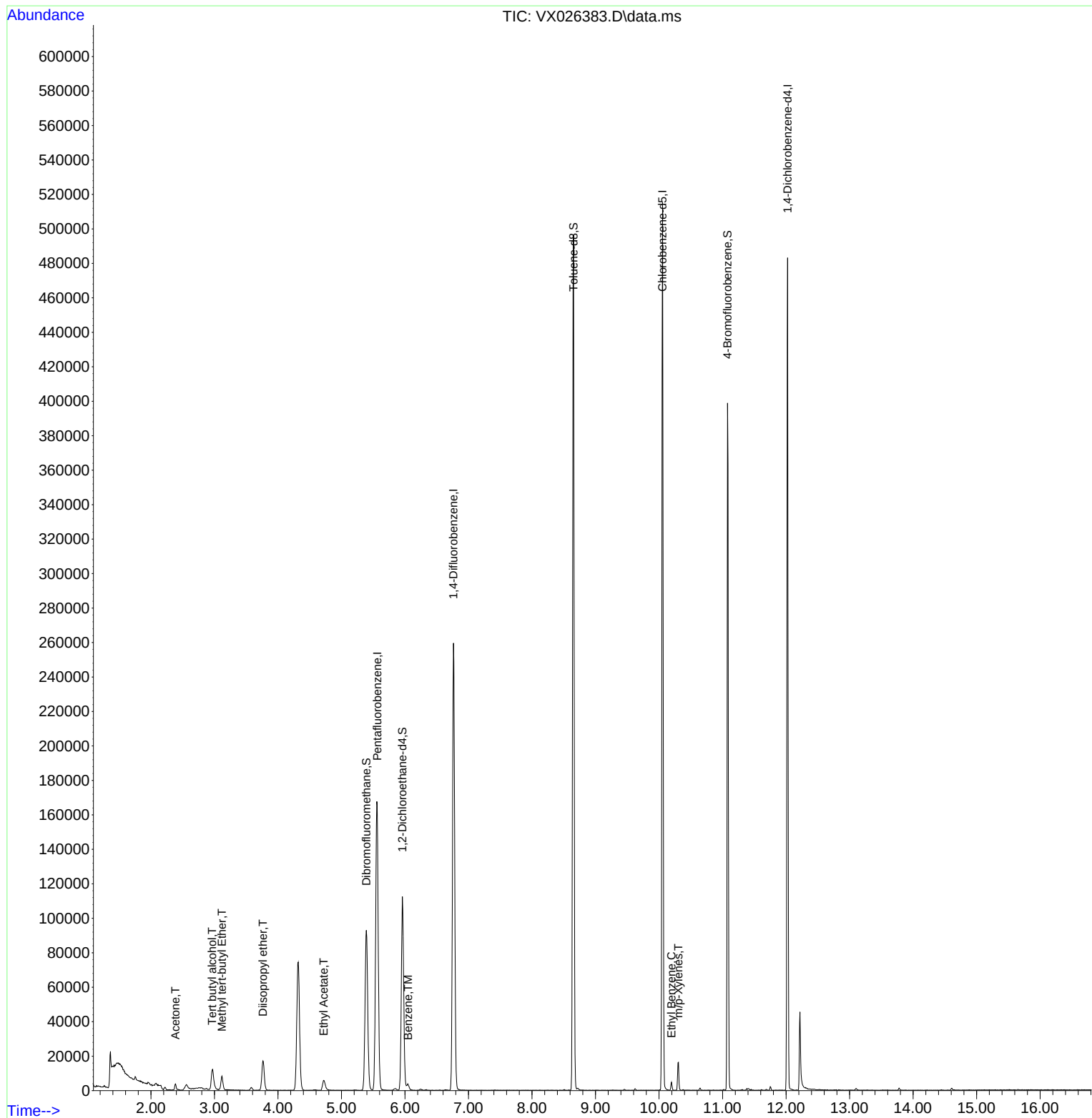
Internal Standards						
1) Pentafluorobenzene	5.562	168	152993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108992	49.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.391	113	82085	49.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.653	98	295630	47.498	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	107586	48.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	16734	37.853	ug/l	100
16) Acetone	2.386	43	4140	3.452	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	8248	1.394	ug/l	94
22) Diisopropyl ether	3.764	45	19270	3.016	ug/l #	70
37) Ethyl Acetate	4.721	43	11321	3.618	ug/l	99
40) Benzene	6.050	78	3947	0.512	ug/l	91
67) Ethyl Benzene	10.195	91	2711	0.315	ug/l	94
68) m/p-Xylenes	10.305	106	3683	1.146	ug/l	84

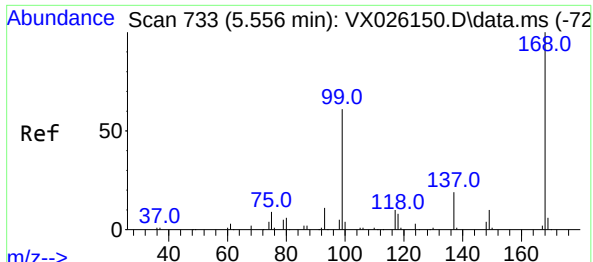
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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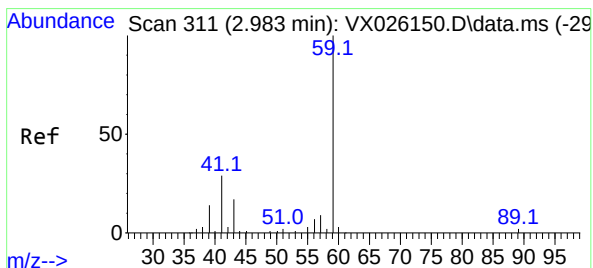
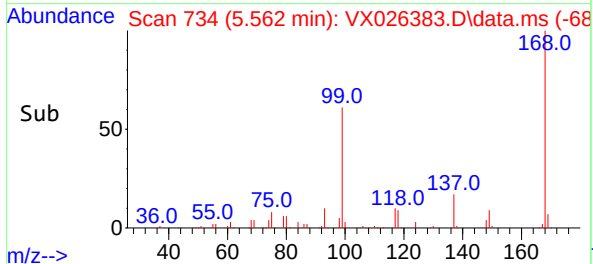
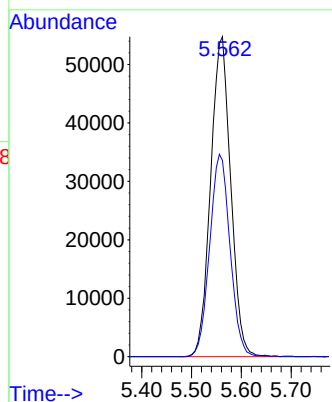
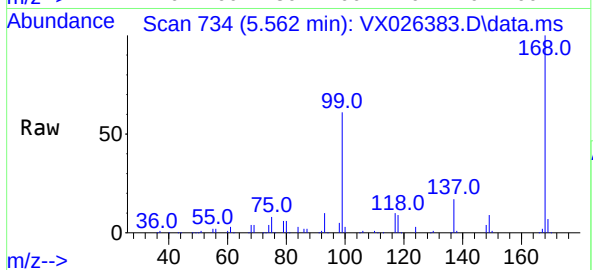




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

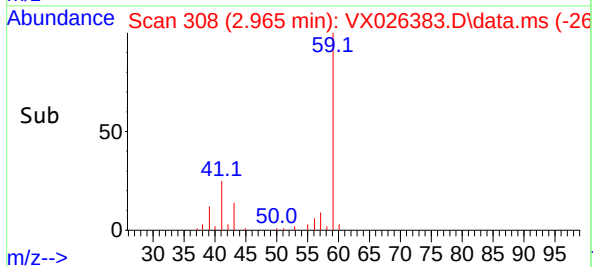
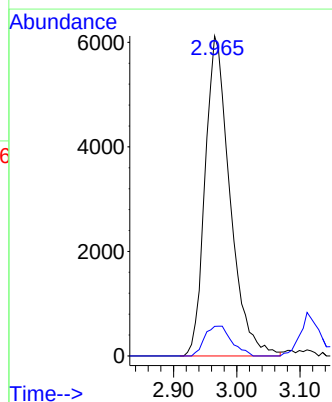
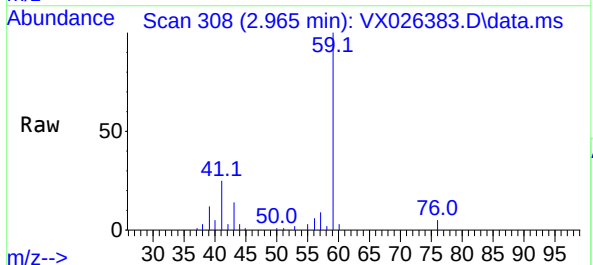
Instrument :
MSVOA_X
ClientSampleId :
MW-28

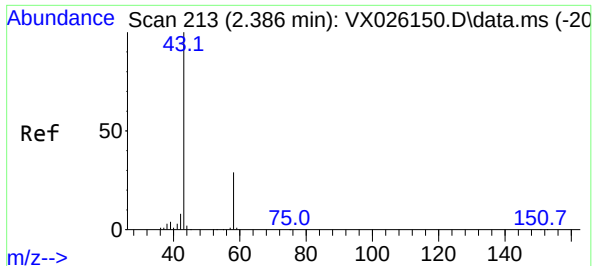
Tgt Ion:168 Resp: 152993
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 37.853 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 59 Resp: 16734
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

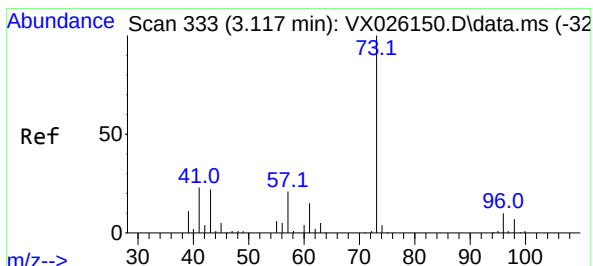
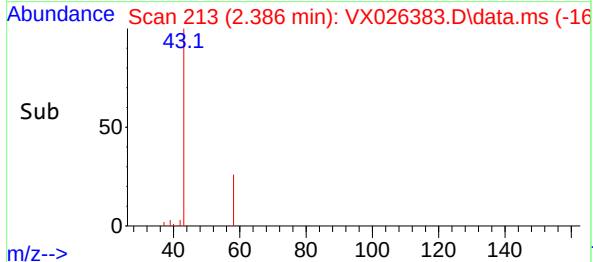
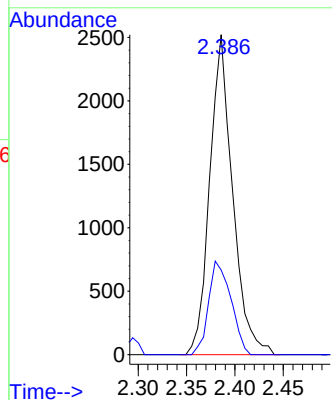
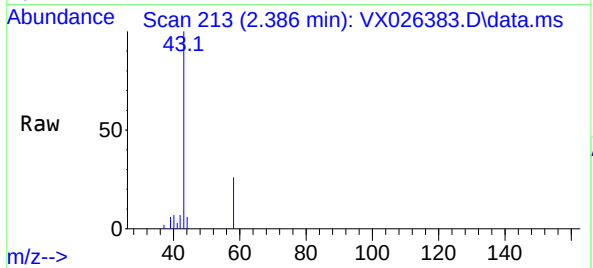




#16
Acetone
Concen: 3.452 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

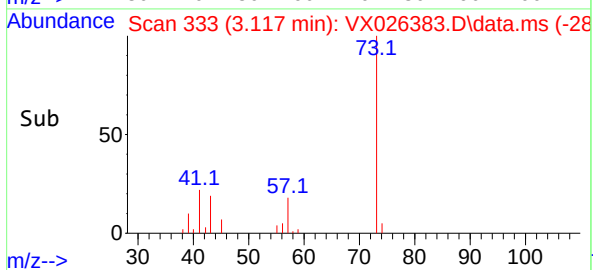
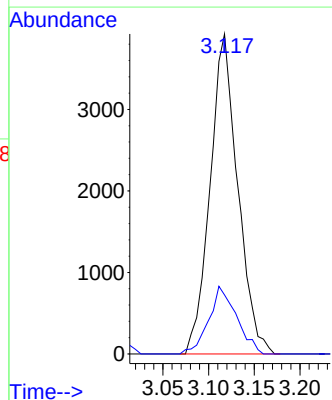
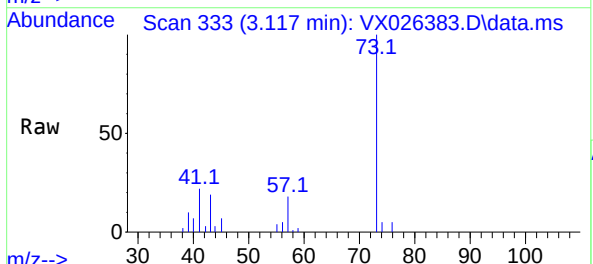
Instrument :
MSVOA_X
ClientSampleId :
MW-28

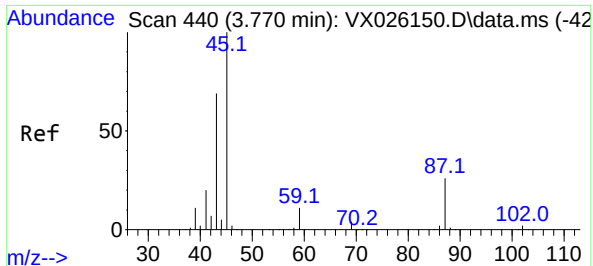
Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
58 26.4 24.8 37.2



#19
Methyl tert-butyl Ether
Concen: 1.394 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 73 Resp: 8248
Ion Ratio Lower Upper
73 100
57 18.4 17.0 25.6

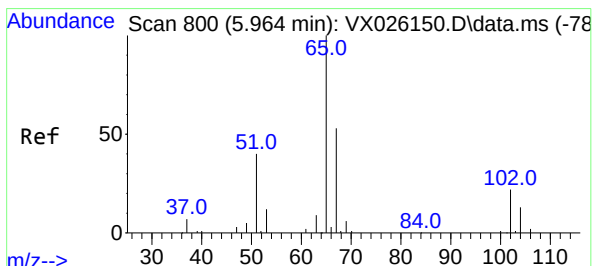
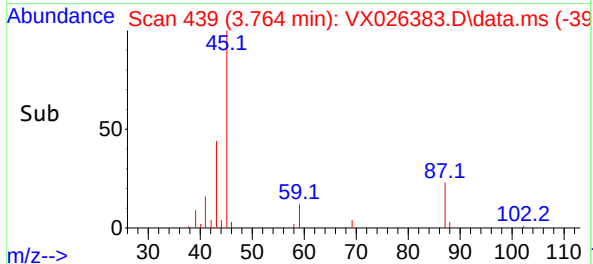
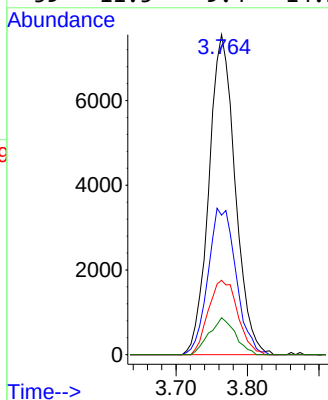
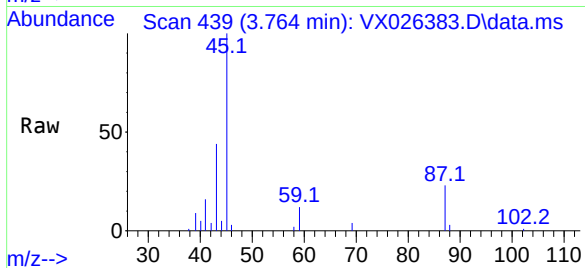




#22
Diisopropyl ether
Concen: 3.016 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

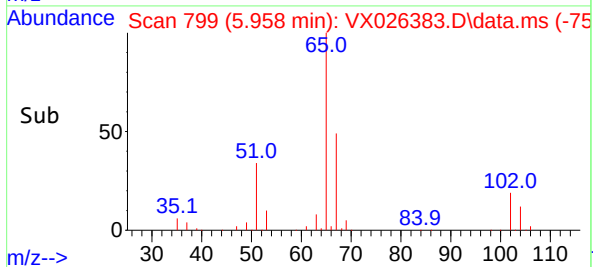
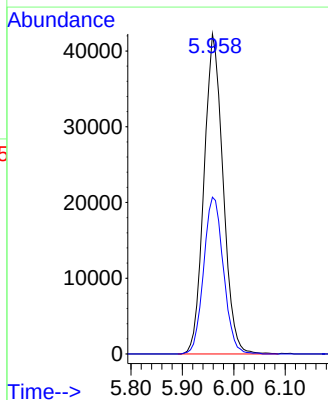
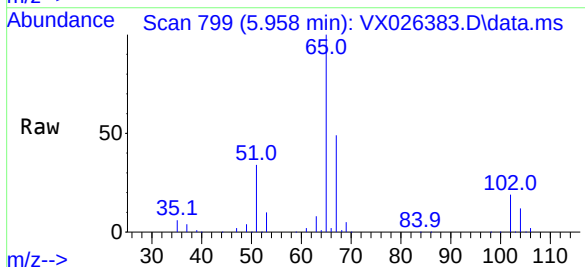
Instrument :
MSVOA_X
ClientSampleId :
MW-28

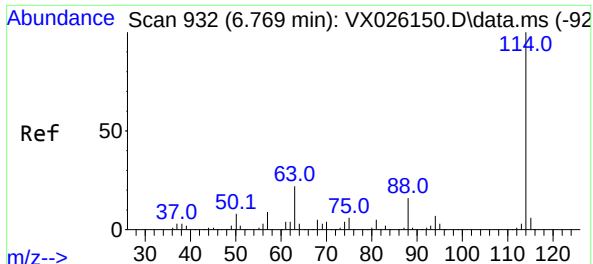
Tgt Ion:	45	Resp:	19270
Ion	Ratio	Lower	Upper
45	100		
43	43.6	63.8	95.6#
87	23.2	24.2	36.4#
59	11.5	9.4	14.2



#33
1,2-Dichloroethane-d4
Concen: 49.243 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion:	65	Resp:	108992
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-28

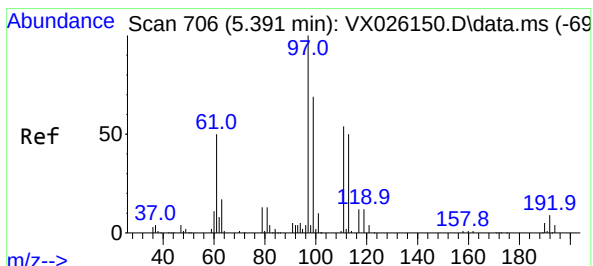
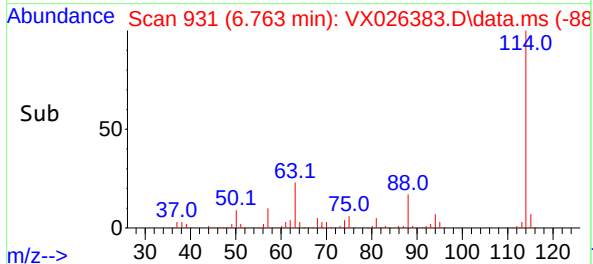
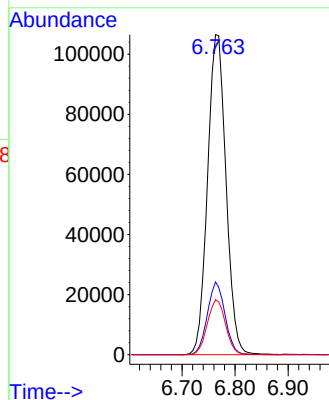
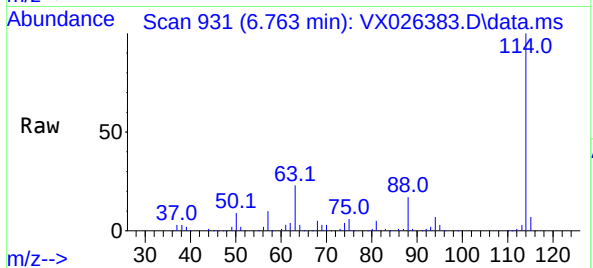
Tgt Ion:114 Resp: 257381

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.055 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

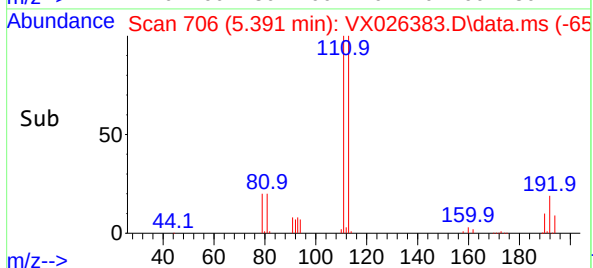
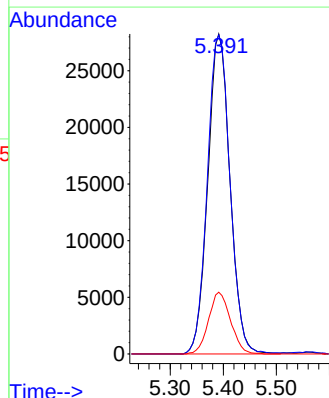
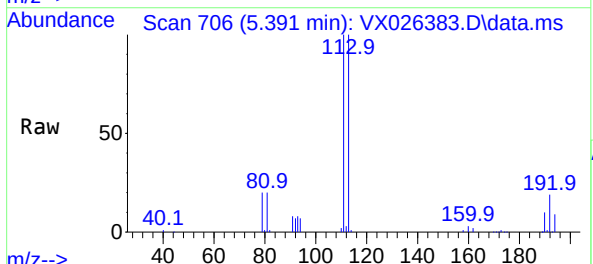
Tgt Ion:113 Resp: 82085

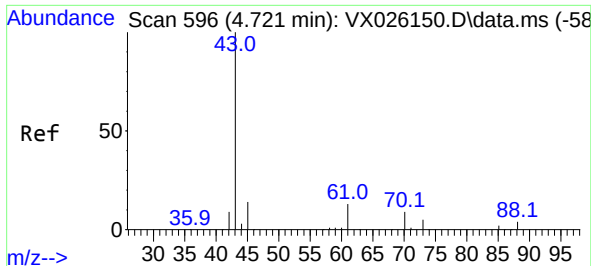
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 19.1 15.0 22.4





#37

Ethyl Acetate

Concen: 3.618 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-28

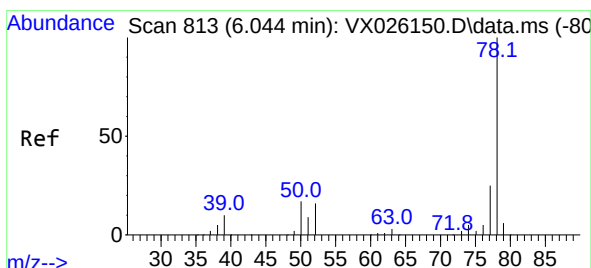
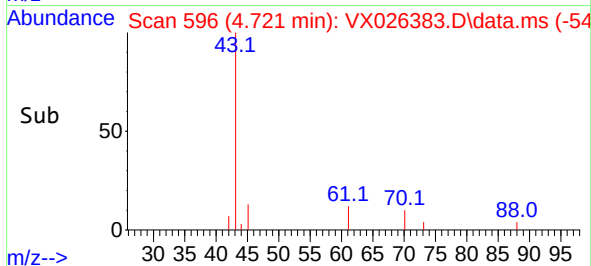
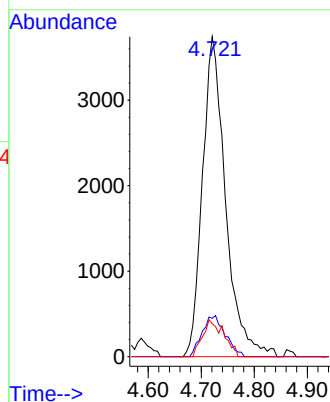
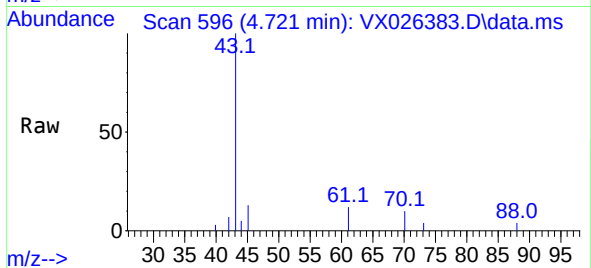
Tgt Ion: 43 Resp: 11321

Ion Ratio Lower Upper

43 100

61 12.8 10.7 16.1

70 10.6 8.5 12.7



#40

Benzene

Concen: 0.512 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX026383.D

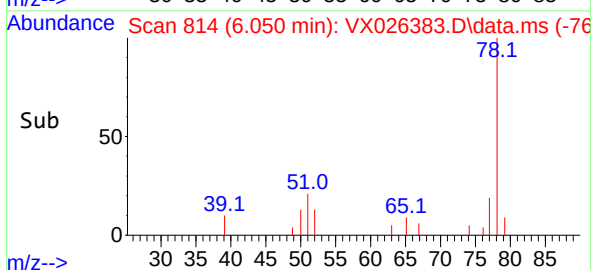
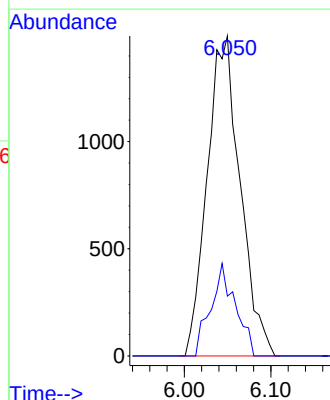
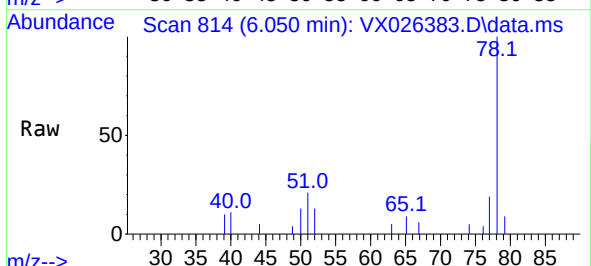
Acq: 06 Jan 2022 18:58

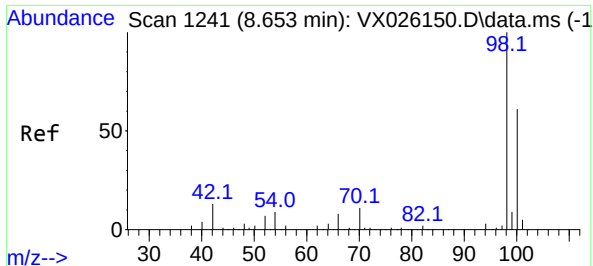
Tgt Ion: 78 Resp: 3947

Ion Ratio Lower Upper

78 100

77 18.7 18.6 27.8

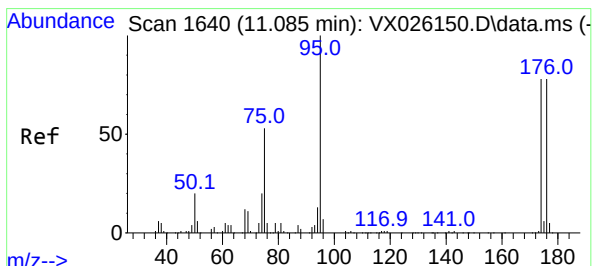
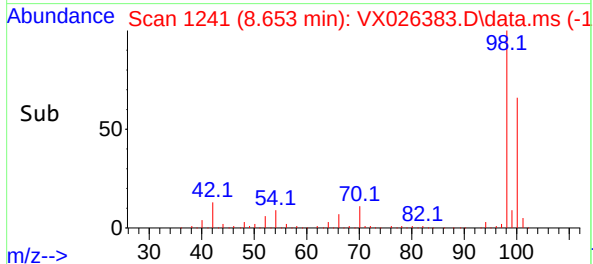
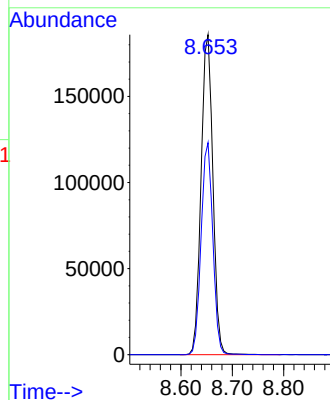
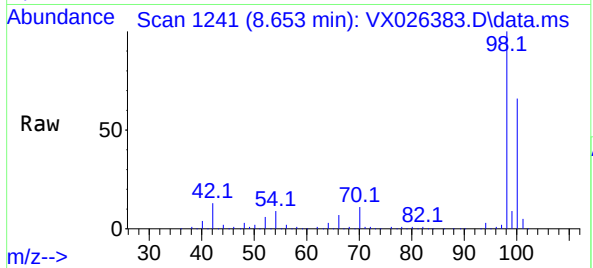




#50
Toluene-d8
Concen: 47.498 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

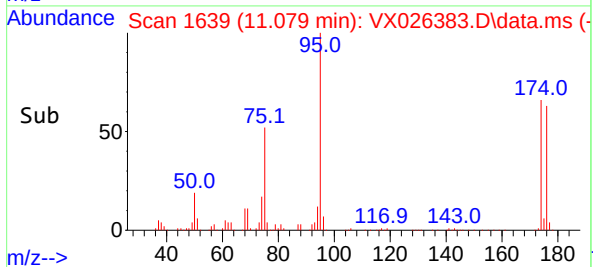
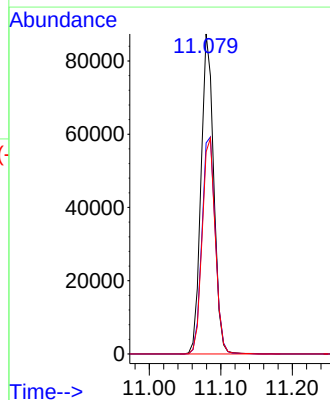
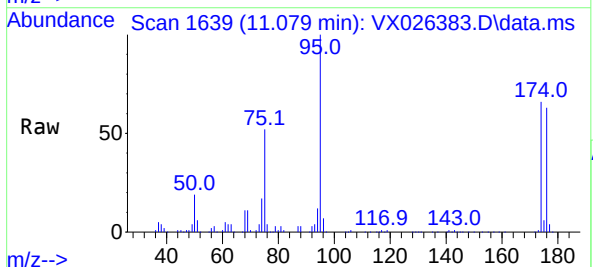
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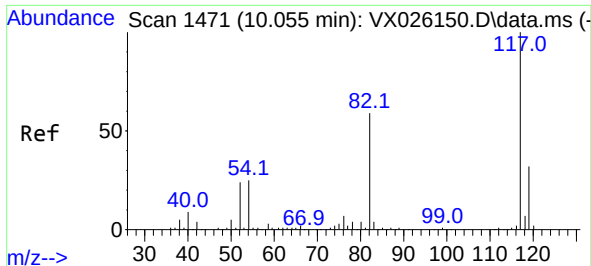
Tgt Ion: 98 Resp: 295630
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 95 Resp: 107586
Ion Ratio Lower Upper
95 100
174 71.6 0.0 157.4
176 69.6 0.0 154.6

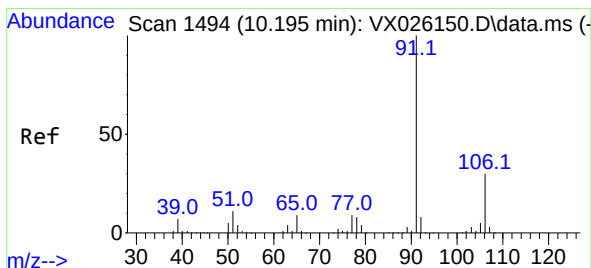
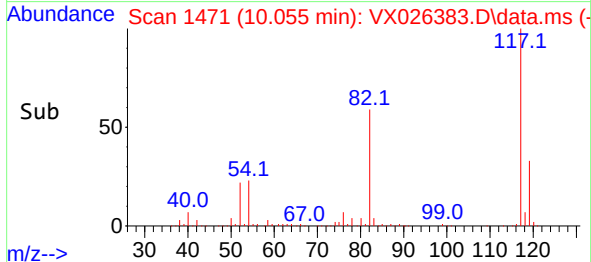
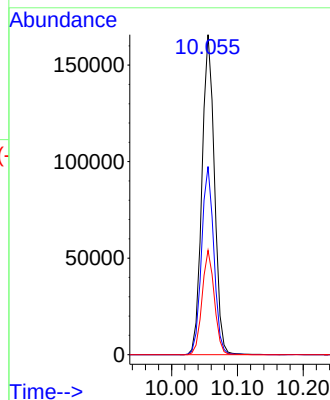
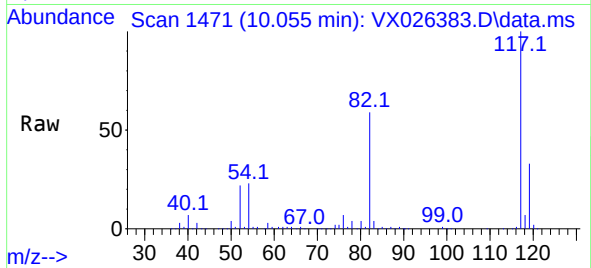




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

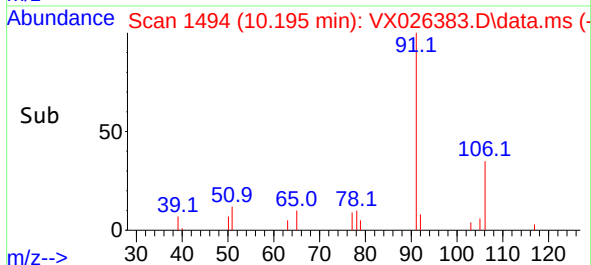
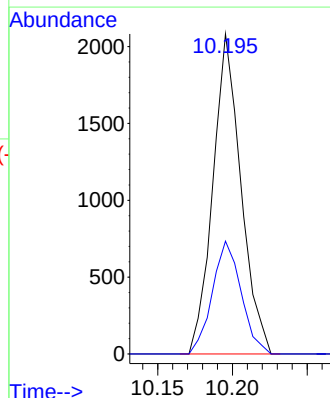
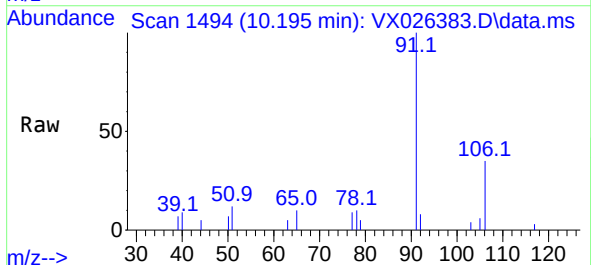
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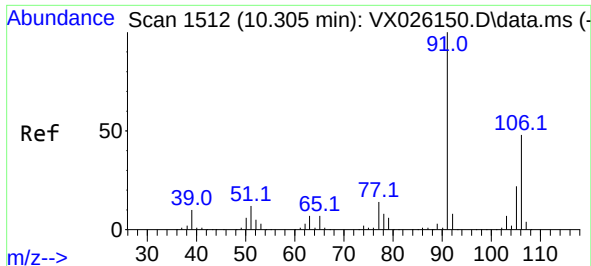
Tgt Ion:117 Resp: 219063
Ion Ratio Lower Upper
117 100
82 58.8 43.8 65.6
119 32.6 25.2 37.8



#67
Ethyl Benzene
Concen: 0.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 91 Resp: 2711
Ion Ratio Lower Upper
91 100
106 35.3 25.7 38.5

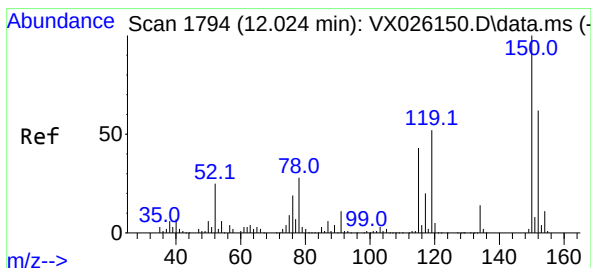
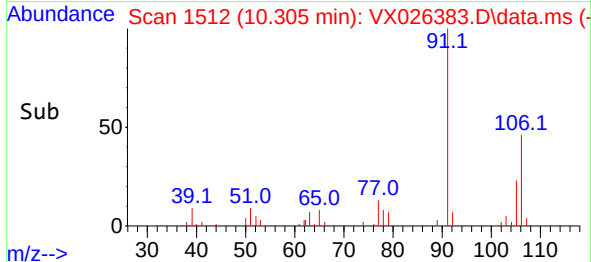
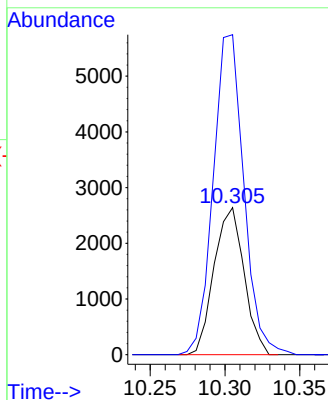
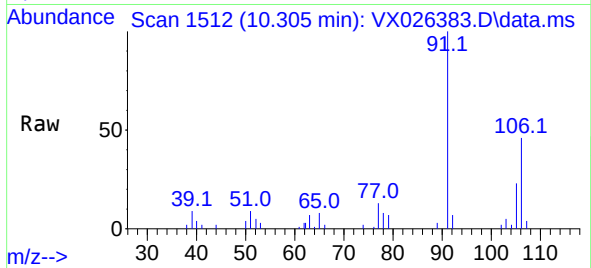




#68
m/p-Xylenes
Concen: 1.146 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion:106 Resp: 3683
Ion Ratio Lower Upper
106 100
91 222.3 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion:152 Resp: 93484
Ion Ratio Lower Upper
152 100
115 62.1 41.3 123.9
150 155.3 0.0 351.8

