

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027506.D
 Acq On : 17 Mar 2022 22:55
 Operator : JC/MD
 Sample : N1997-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-112

Quant Time: Mar 18 02:08:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

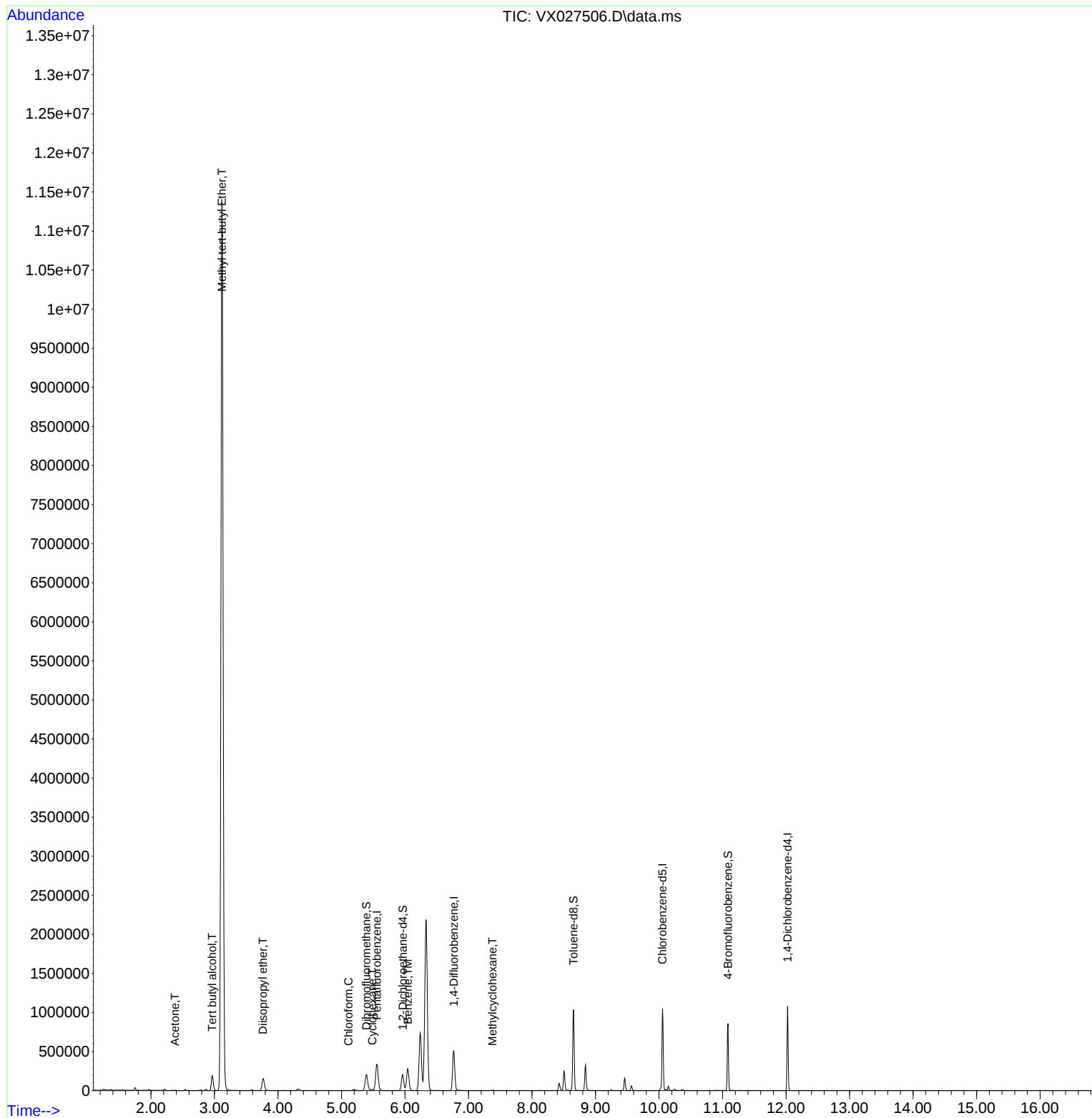
Internal Standards						
1) Pentafluorobenzene	5.556	168	329015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	544201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	205150	50.615	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.240%
35) Dibromofluoromethane	5.391	113	179275	51.203	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.400%
50) Toluene-d8	8.653	98	638111	48.162	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.085	95	227109	46.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	220139	284.988	ug/l #	72
16) Acetone	2.380	43	6358	3.848	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	13154794	1276.195	ug/l	92
22) Diisopropyl ether	3.763	45	160855	17.229	ug/l	91
30) Chloroform	5.111	83	2526	0.403	ug/l	95
31) Cyclohexane	5.483	56	9357	1.859	ug/l #	81
39) Methylcyclohexane	7.379	83	2495	0.415	ug/l #	81
40) Benzene	6.043	78	343476	25.022	ug/l	99

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

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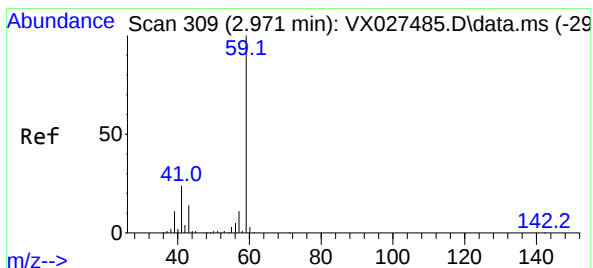
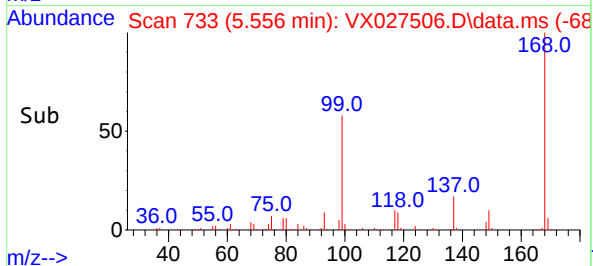
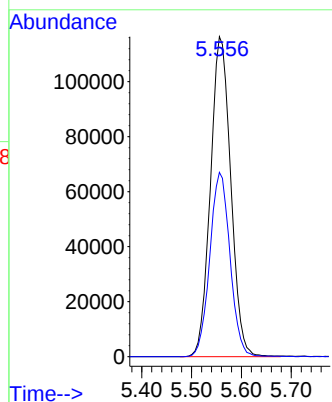
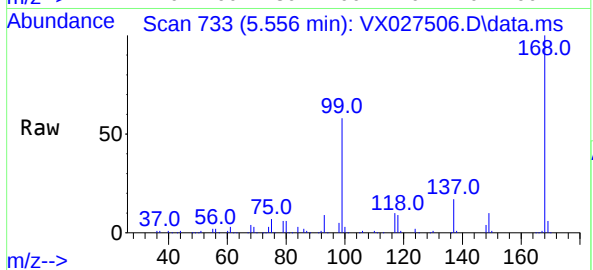




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

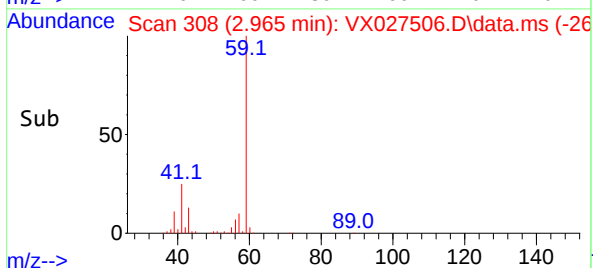
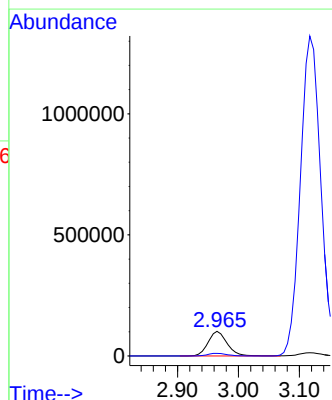
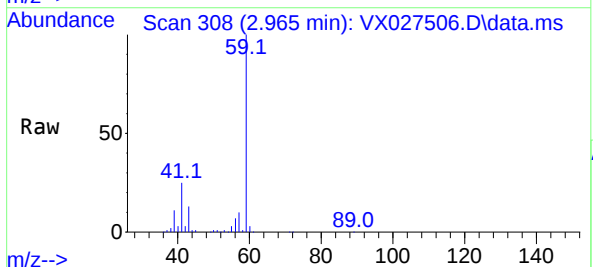
Instrument :
MSVOA_X
ClientSampleId :
MW-112

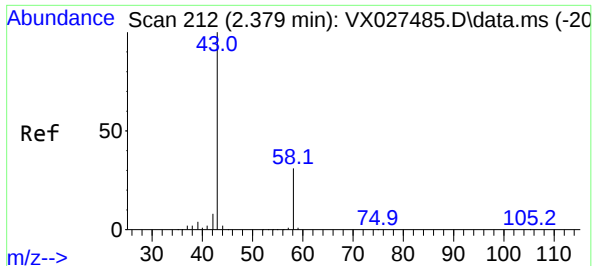
Tgt Ion:168 Resp: 329015
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#11
Tert butyl alcohol
Concen: 284.988 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Tgt Ion: 59 Resp: 220139
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

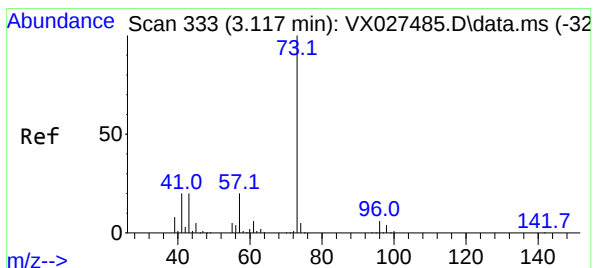
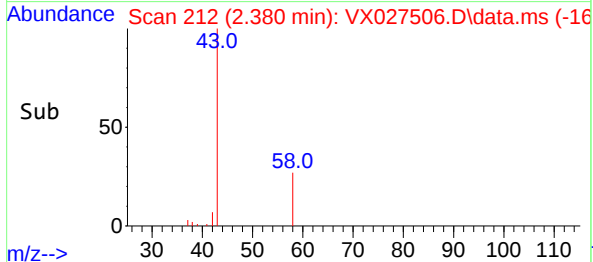
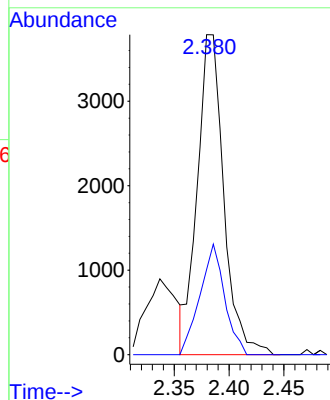
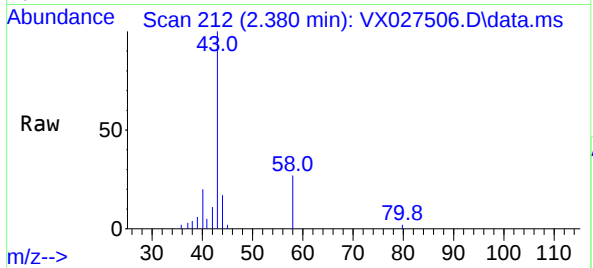




#16
Acetone
Concen: 3.848 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

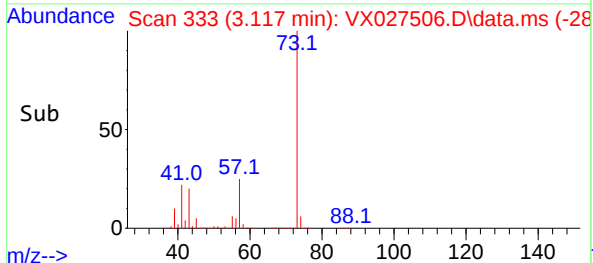
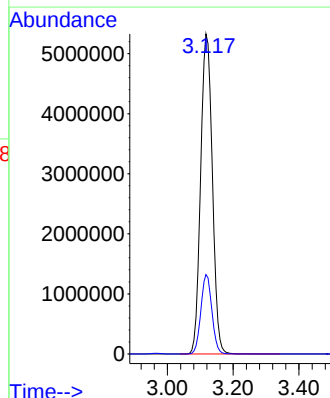
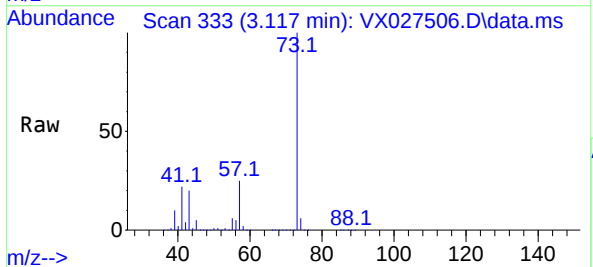
Instrument :
MSVOA_X
ClientSampleId :
MW-112

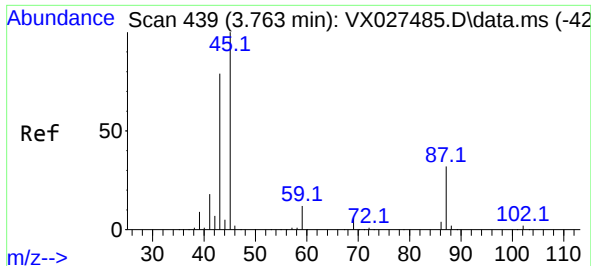
Tgt Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
58 26.6 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 1276.195 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

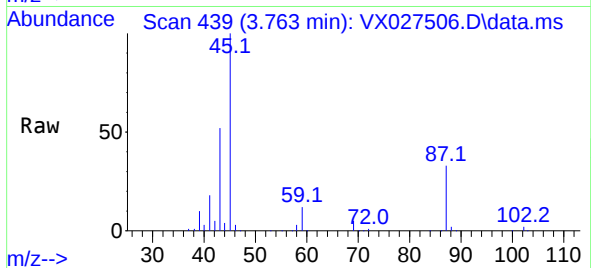
Tgt Ion: 73 Resp:13154794
Ion Ratio Lower Upper
73 100
57 24.8 16.8 25.2





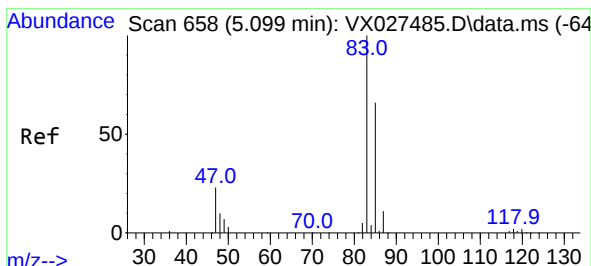
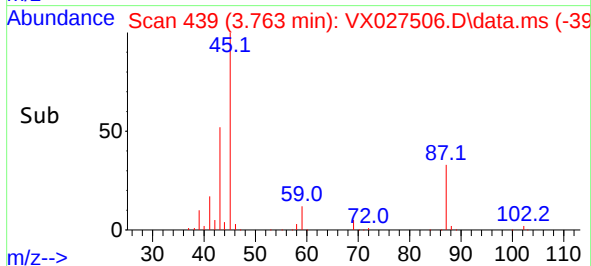
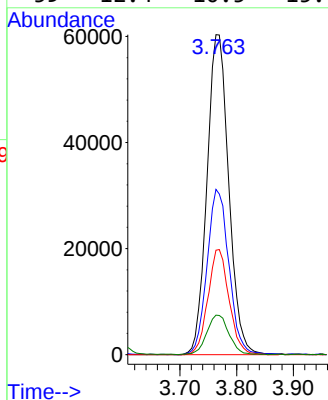
#22
Diisopropyl ether
Concen: 17.229 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Instrument :
MSVOA_X
ClientSampleId :
MW-112



Tgt Ion: 45 Resp: 160855

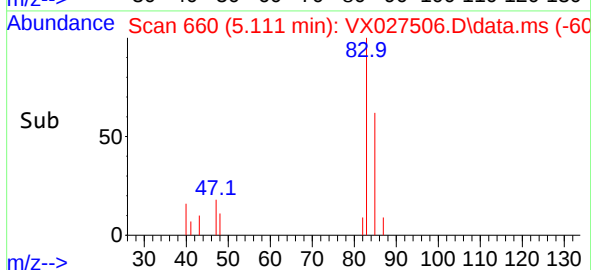
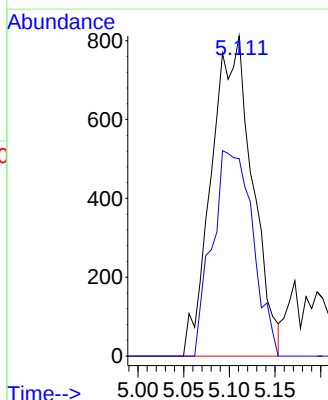
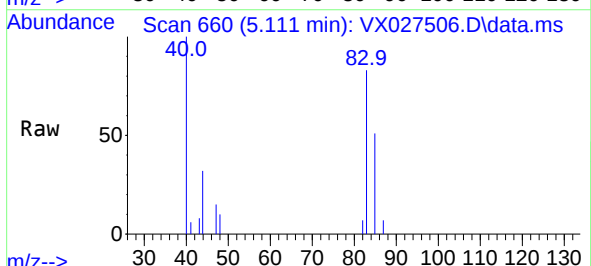
Ion	Ratio	Lower	Upper
45	100		
43	51.6	50.8	76.2
87	32.7	26.6	39.8
59	12.4	10.5	15.7

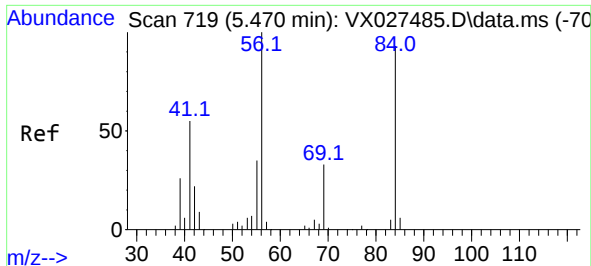


#30
Chloroform
Concen: 0.403 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Tgt Ion: 83 Resp: 2526

Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.7	79.1

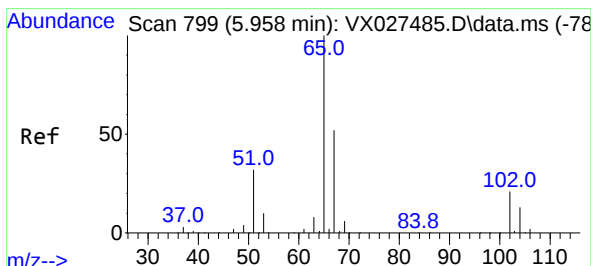
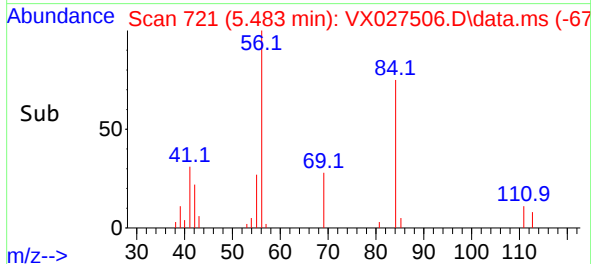
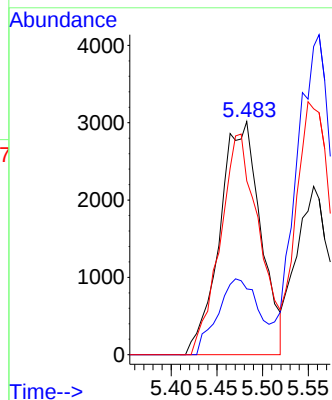
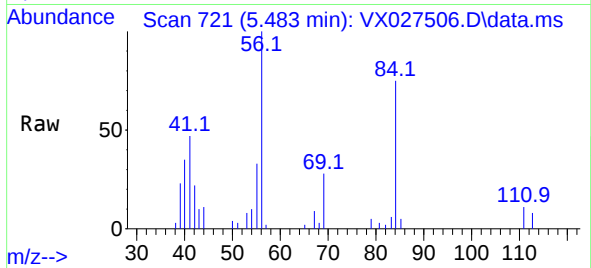




#31
Cyclohexane
Concen: 1.859 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

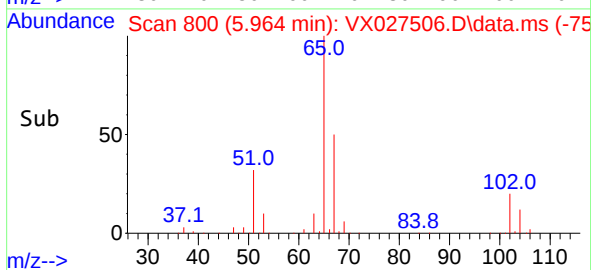
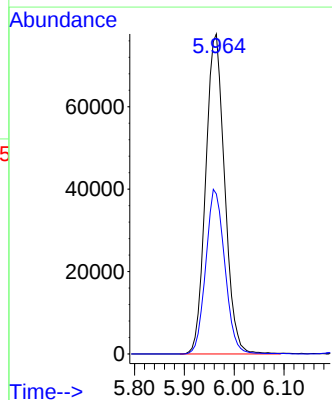
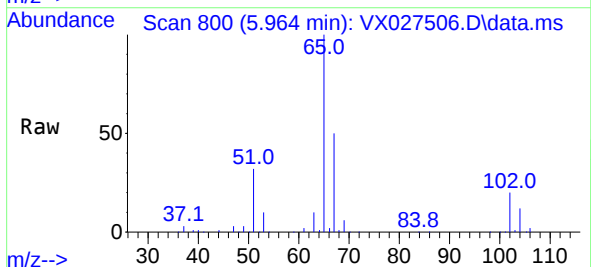
Instrument :
MSVOA_X
ClientSampleId :
MW-112

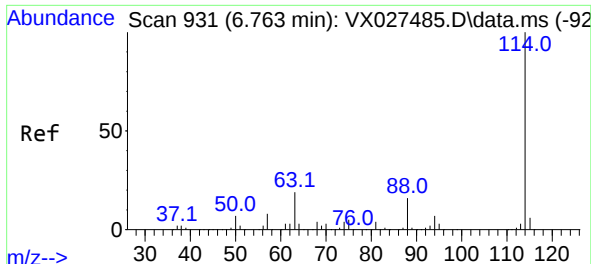
Tgt Ion: 56 Resp: 9357
Ion Ratio Lower Upper
56 100
69 28.2 26.7 40.1
84 74.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.615 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Tgt Ion: 65 Resp: 205150
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX027506.D

Acq: 17 Mar 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :

MW-112

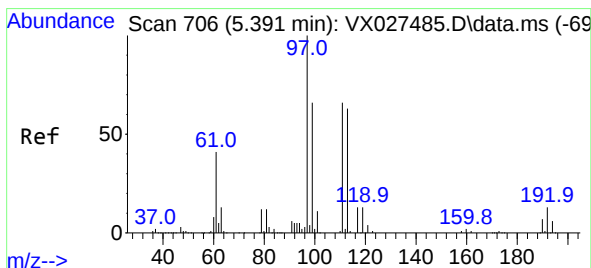
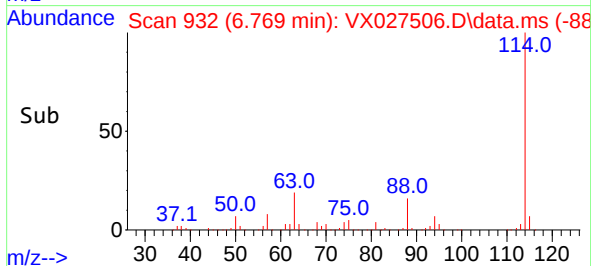
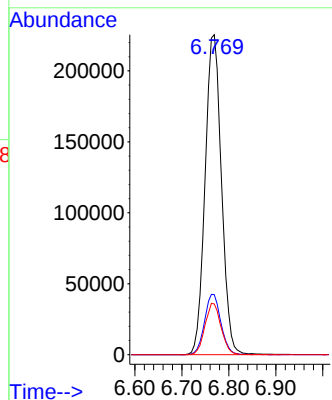
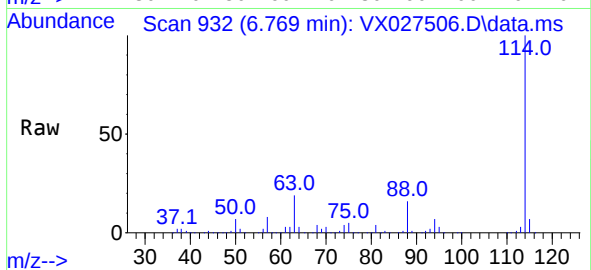
Tgt Ion:114 Resp: 544201

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 15.9 0.0 32.4



#35

Dibromofluoromethane

Concen: 51.203 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027506.D

Acq: 17 Mar 2022 22:55

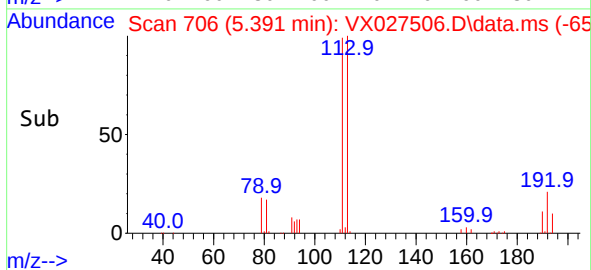
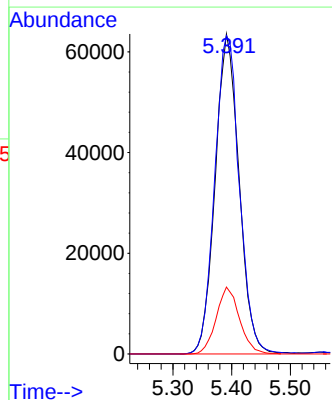
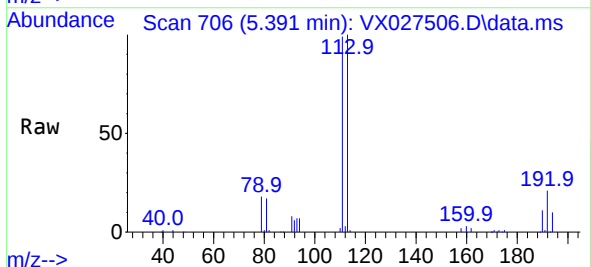
Tgt Ion:113 Resp: 179275

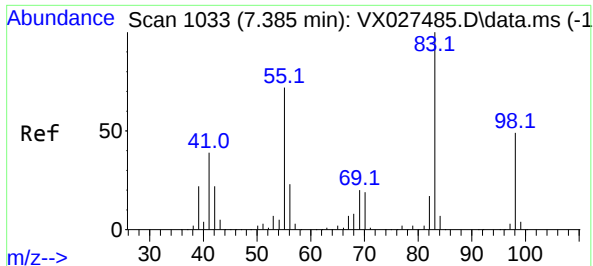
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.4 16.9 25.3





#39

Methylcyclohexane

Concen: 0.415 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX027506.D

Acq: 17 Mar 2022 22:55

Instrument :

MSVOA_X

ClientSampleId :

MW-112

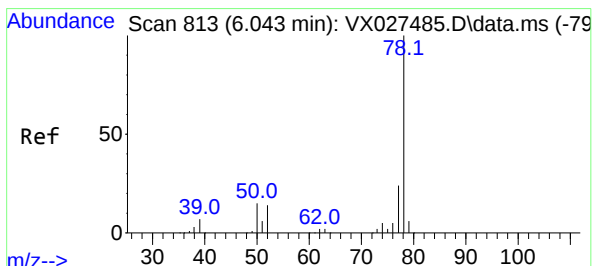
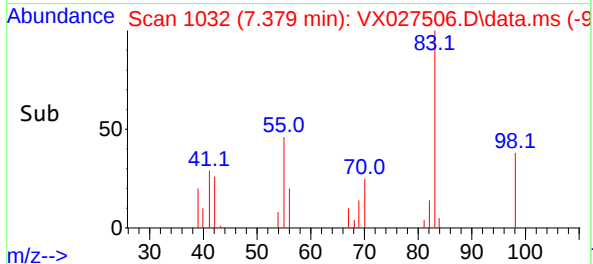
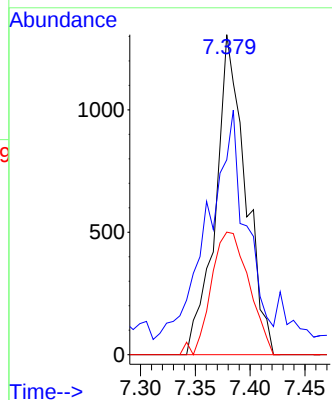
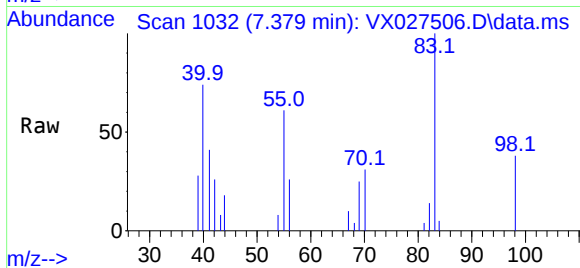
Tgt Ion: 83 Resp: 2495

Ion Ratio Lower Upper

83 100

55 48.7 54.6 81.8#

98 38.3 37.4 56.2



#40

Benzene

Concen: 25.022 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027506.D

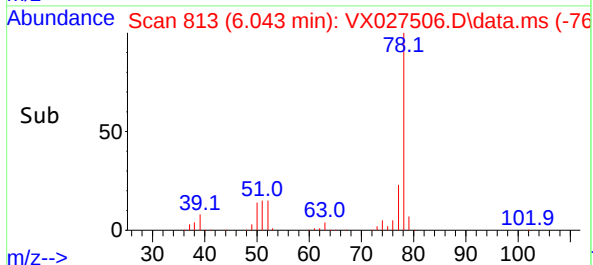
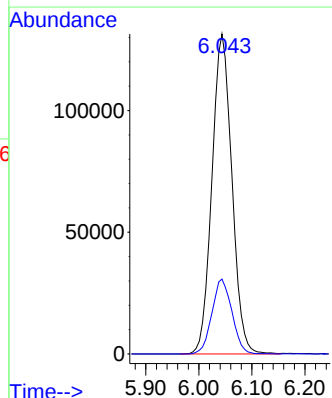
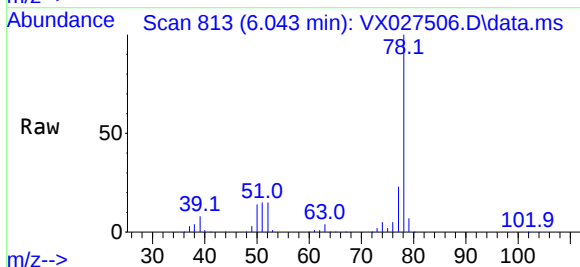
Acq: 17 Mar 2022 22:55

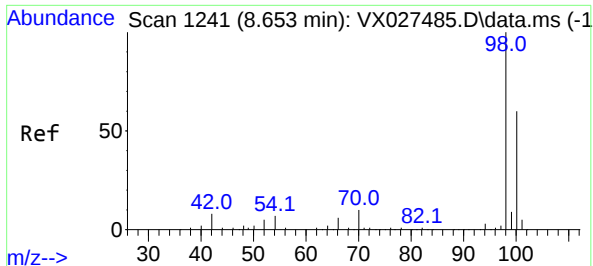
Tgt Ion: 78 Resp: 343476

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

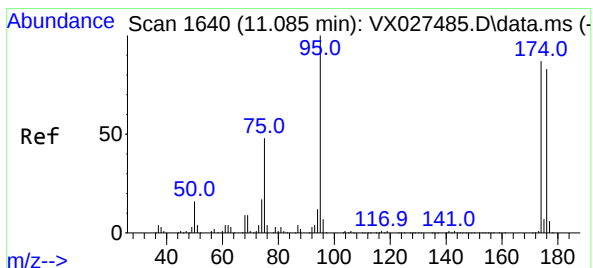
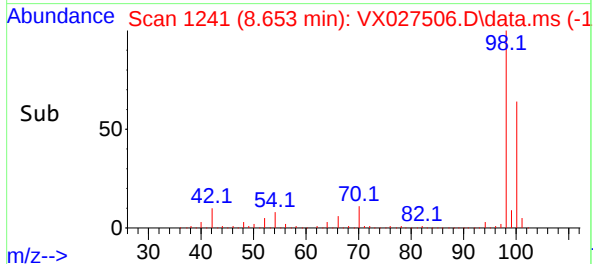
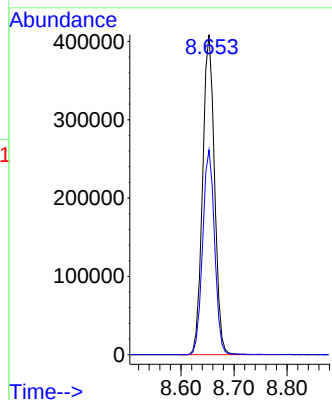
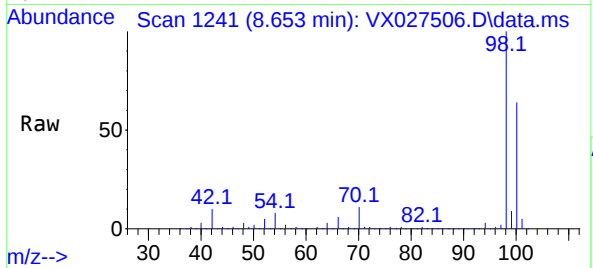




#50
Toluene-d8
Concen: 48.162 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

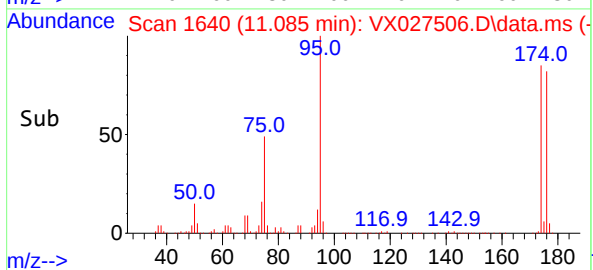
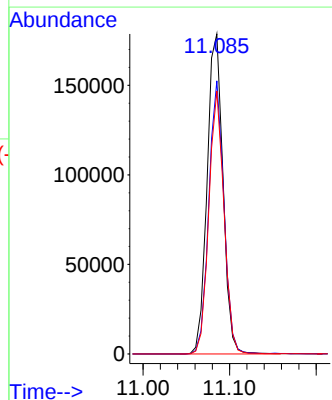
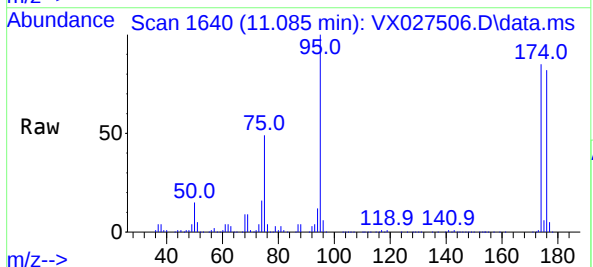
Instrument :
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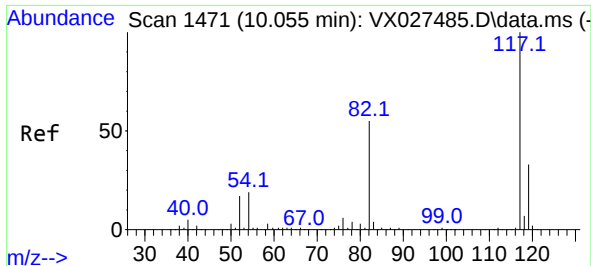
Tgt Ion: 98 Resp: 638111
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.636 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Tgt Ion: 95 Resp: 227109
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.0
176 78.5 0.0 155.0

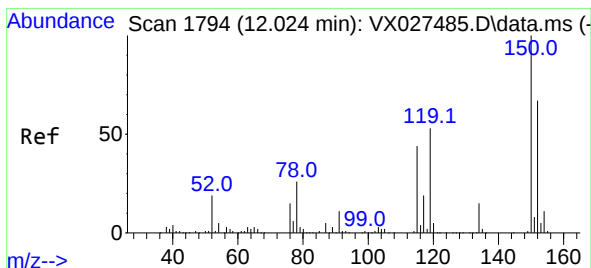
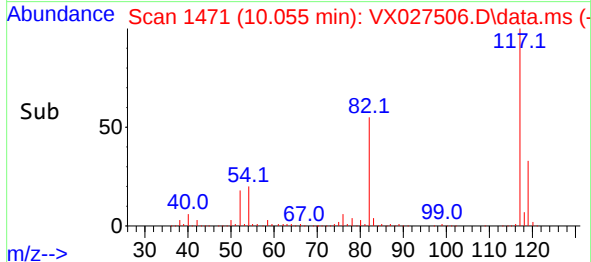
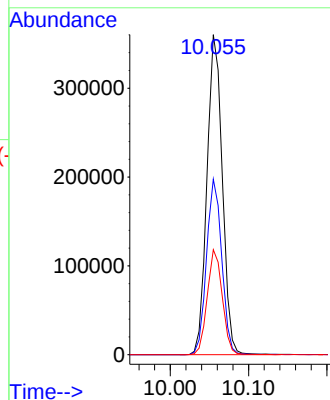
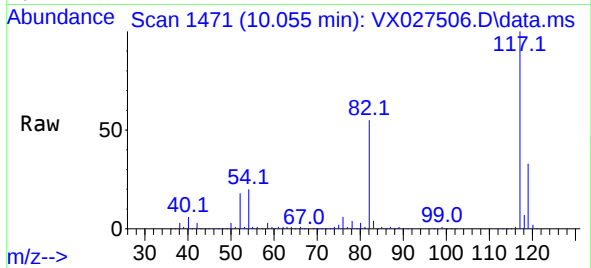




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Instrument :
MSVOA_X
ClientSampleId :
MW-112

Tgt Ion:117 Resp: 489557
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027506.D
Acq: 17 Mar 2022 22:55

Tgt Ion:152 Resp: 222589
Ion Ratio Lower Upper
152 100
115 59.4 37.5 112.7
150 156.8 0.0 338.2

