

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028553.D
 Acq On : 06 May 2022 16:32
 Operator : JC/MD
 Sample : N2685-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-5

Quant Time: May 07 06:03:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

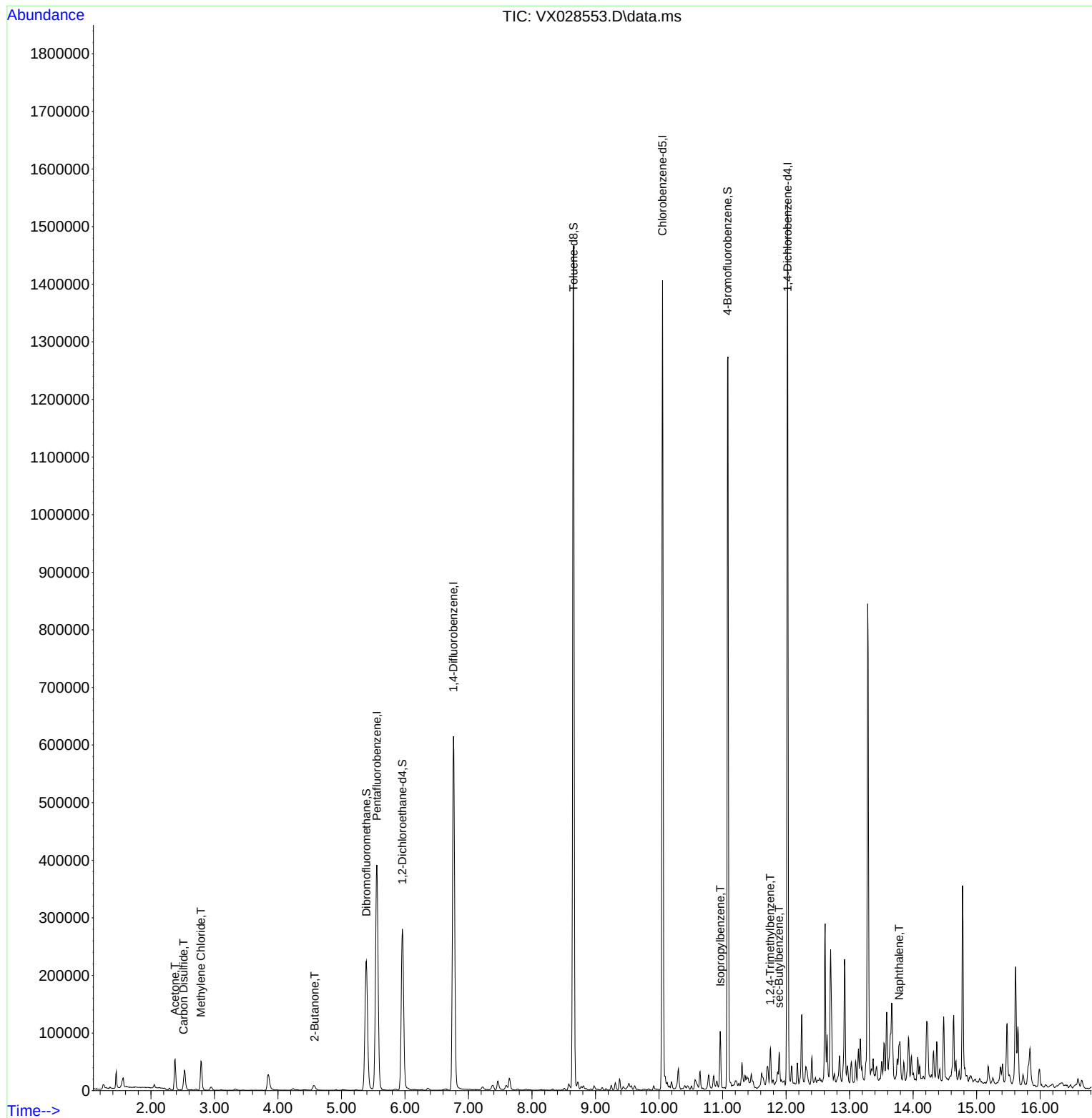
Internal Standards						
1) Pentafluorobenzene	5.556	168	386837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	661982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	645020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	314210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	270206	53.571	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.140%	
35) Dibromofluoromethane	5.391	113	196163	42.254	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 84.500%	
50) Toluene-d8	8.653	98	903577	50.676	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.079	95	337978	49.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	57220	35.947	ug/l	96
17) Carbon Disulfide	2.514	76	13872	1.733	ug/l	96
20) Methylene Chloride	2.788	84	23304	6.227	ug/l	98
25) 2-Butanone	4.574	43	12889	4.315	ug/l	94
73) Isopropylbenzene	10.963	105	51006	2.362	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	27514	1.510	ug/l	95
85) sec-Butylbenzene	11.890	105	27064	1.198	ug/l	80
95) Naphthalene	13.780	128	38298	1.841	ug/l #	89

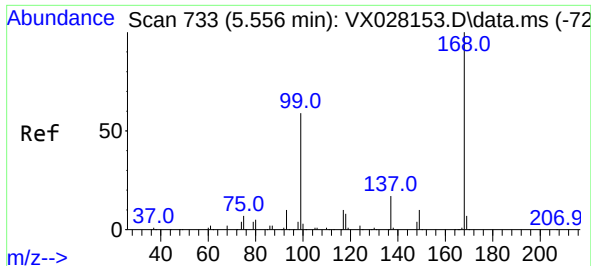
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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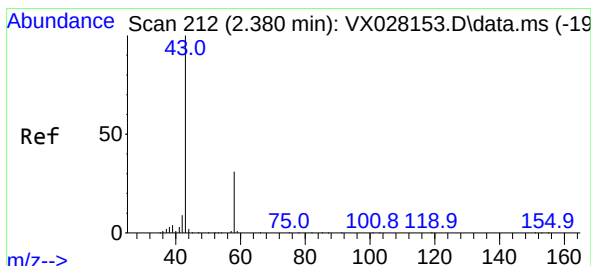
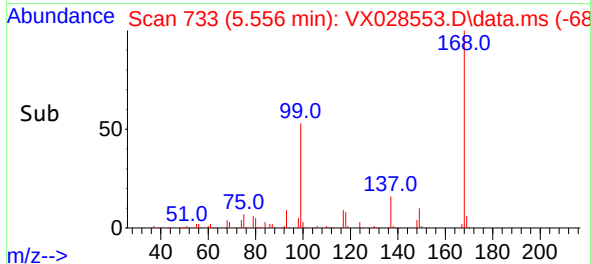
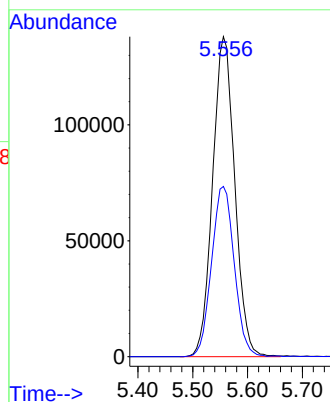
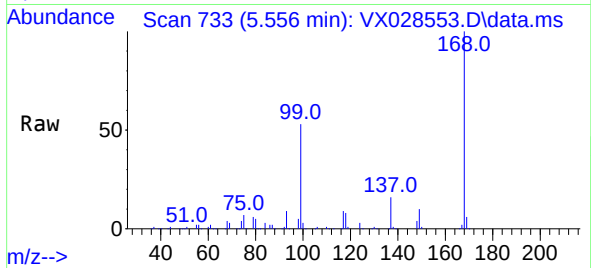




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

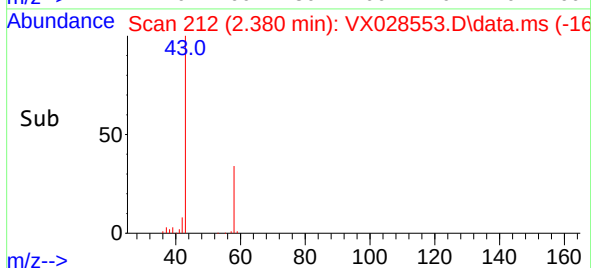
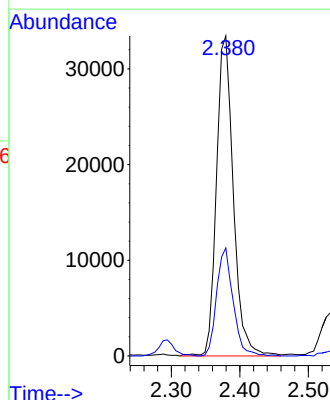
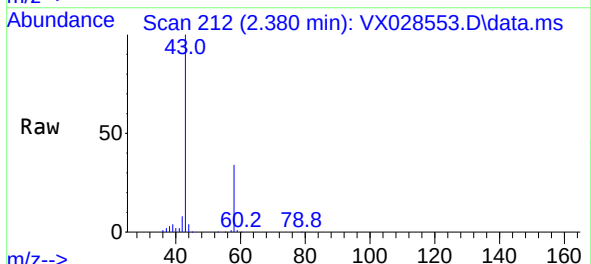
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-5

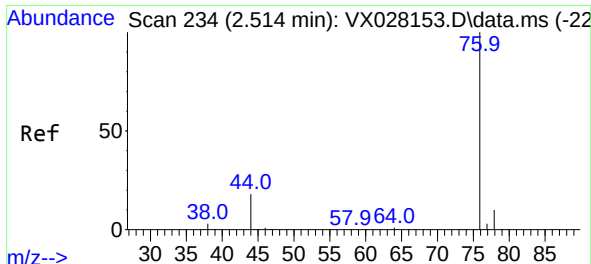
Tgt Ion:168 Resp: 386837
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#16
Acetone
Concen: 35.947 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion: 43 Resp: 57220
Ion Ratio Lower Upper
43 100
58 33.7 28.8 43.2

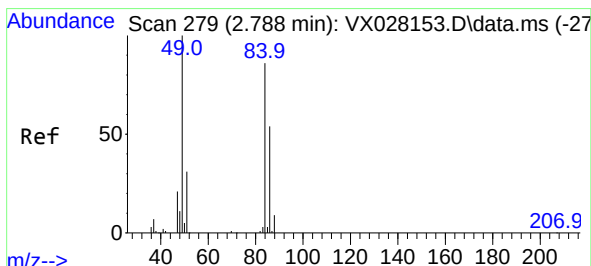
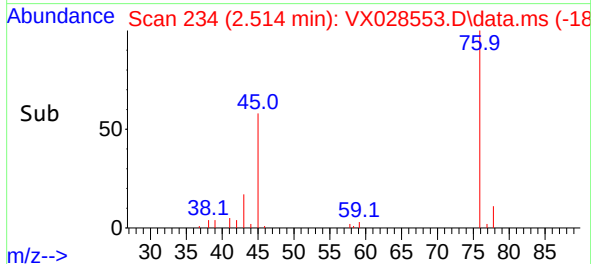
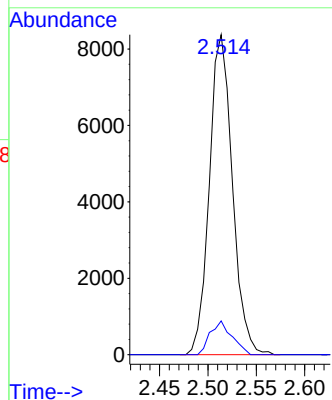
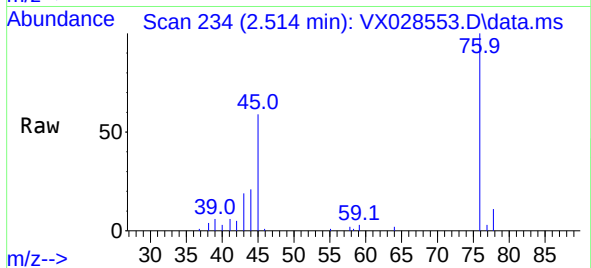




#17
Carbon Disulfide
Concen: 1.733 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

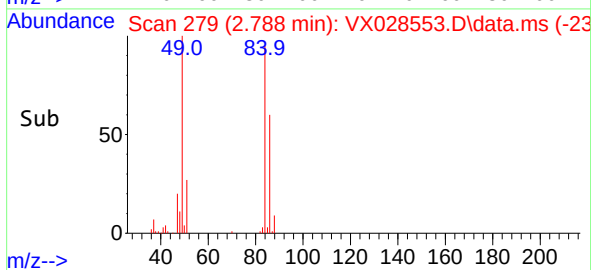
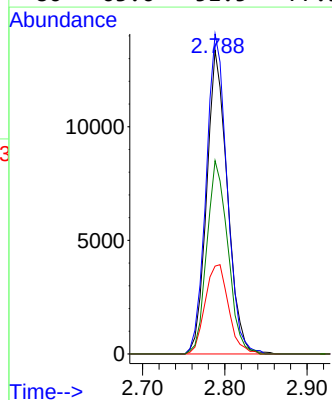
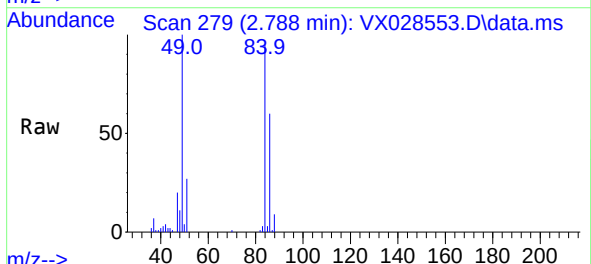
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-5

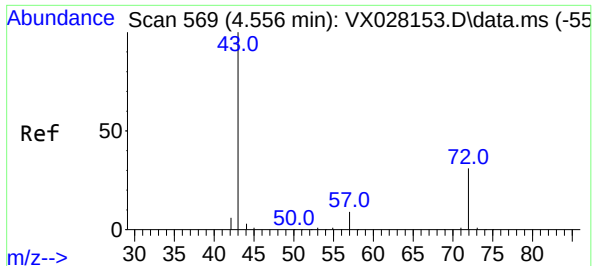
Tgt Ion: 76 Resp: 13872
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#20
Methylene Chloride
Concen: 6.227 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion: 84 Resp: 23304
Ion Ratio Lower Upper
84 100
49 105.4 85.5 128.3
51 28.9 26.6 39.8
86 63.6 51.5 77.3





#25

2-Butanone

Concen: 4.315 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX028553.D

Acq: 06 May 2022 16:32

Instrument :

MSVOA_X

ClientSampleId :

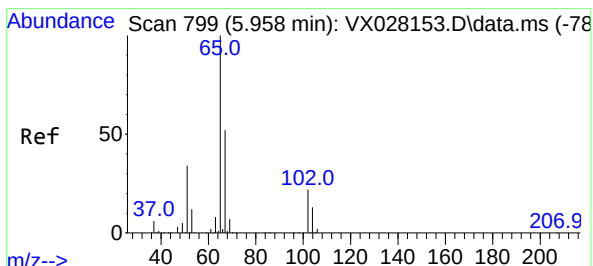
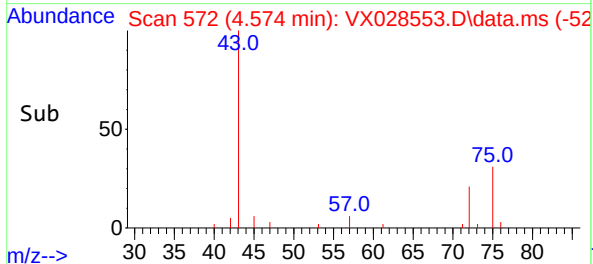
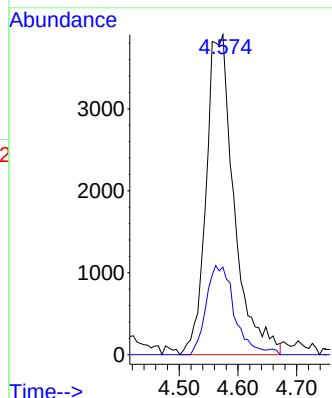
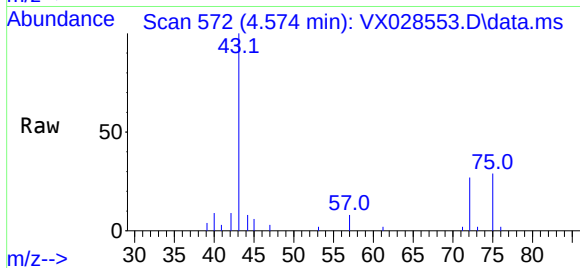
WC-14B-5

Tgt Ion: 43 Resp: 12889

Ion Ratio Lower Upper

43 100

72 27.3 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 53.571 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028553.D

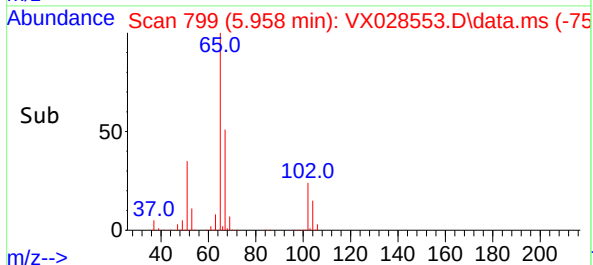
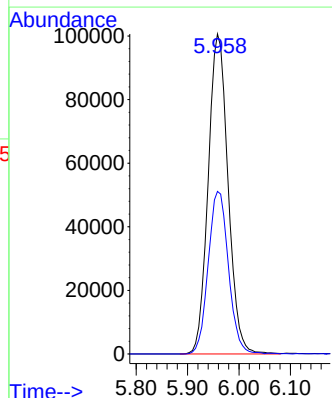
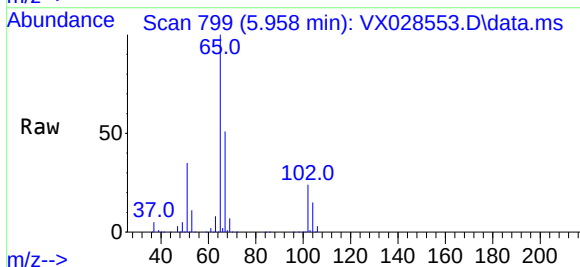
Acq: 06 May 2022 16:32

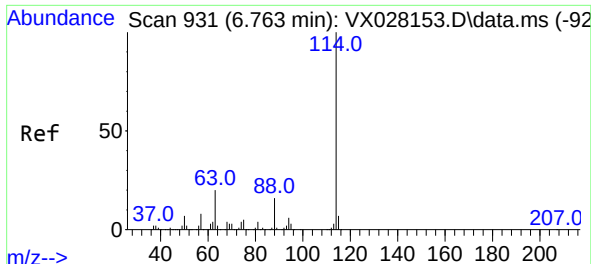
Tgt Ion: 65 Resp: 270206

Ion Ratio Lower Upper

65 100

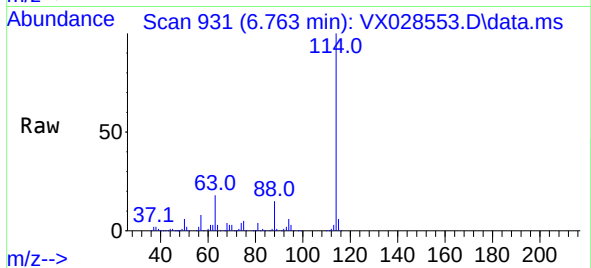
67 51.7 0.0 107.4



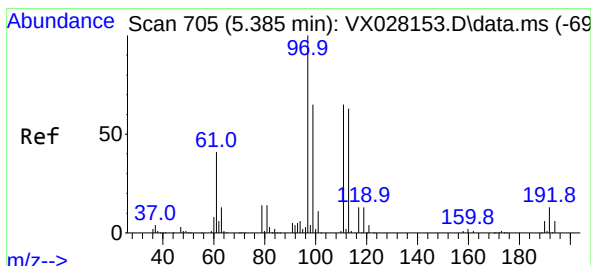
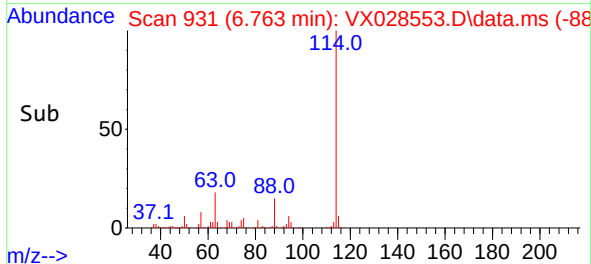
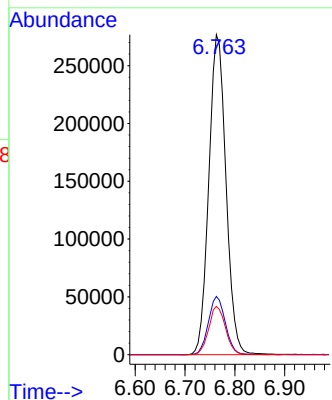


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
WC-14B-5

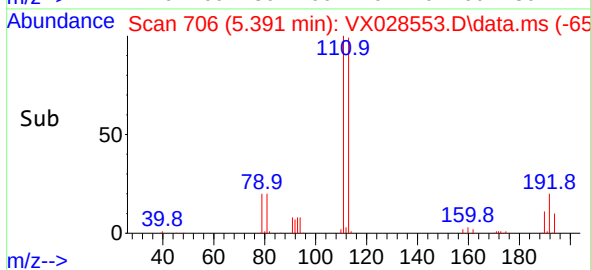
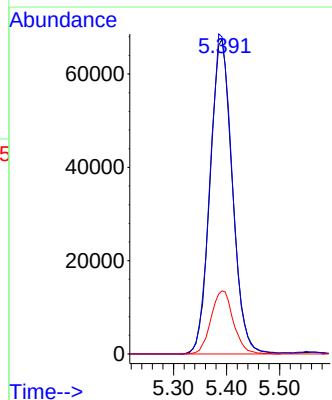
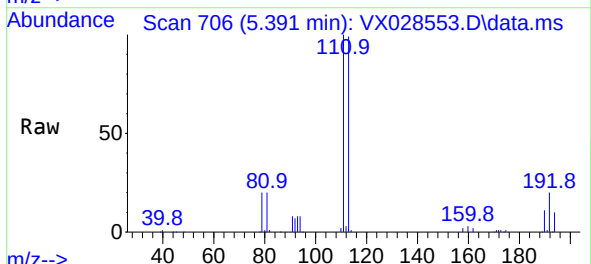


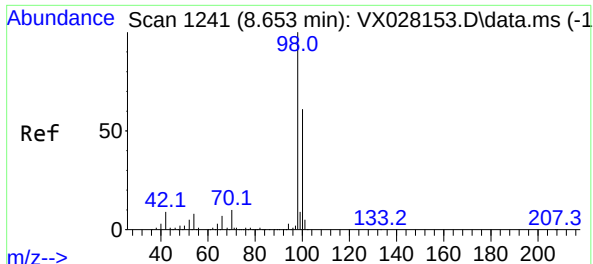
Tgt Ion:114 Resp: 661982
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.254 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion:113 Resp: 196163
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 20.2 16.9 25.3

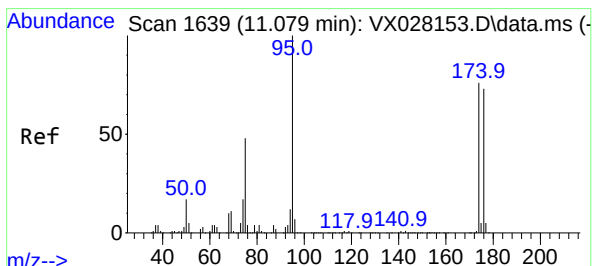
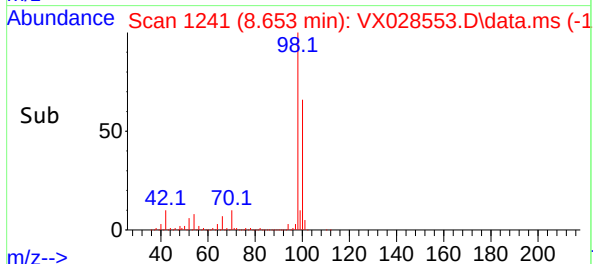
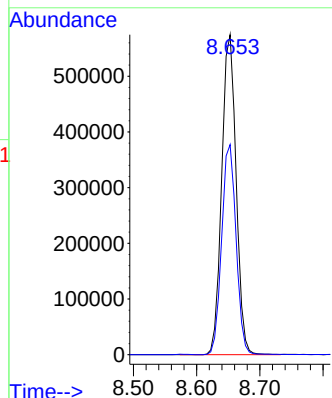
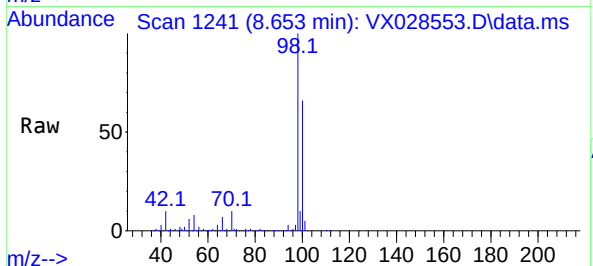




#50
Toluene-d8
Concen: 50.676 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

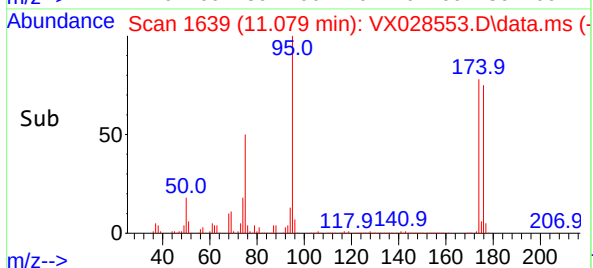
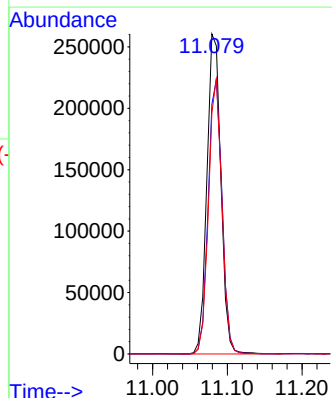
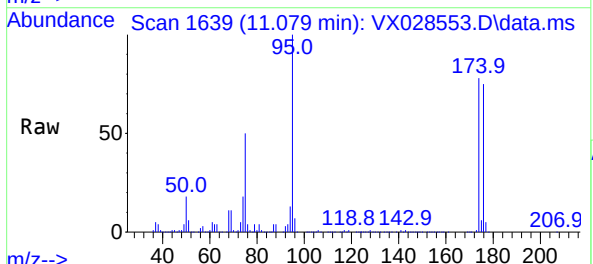
Instrument :
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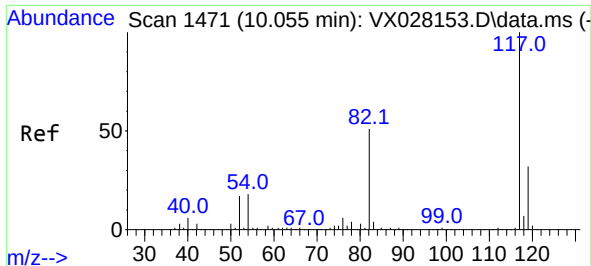
Tgt Ion: 98 Resp: 903577
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion: 95 Resp: 337978
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.6 0.0 155.0

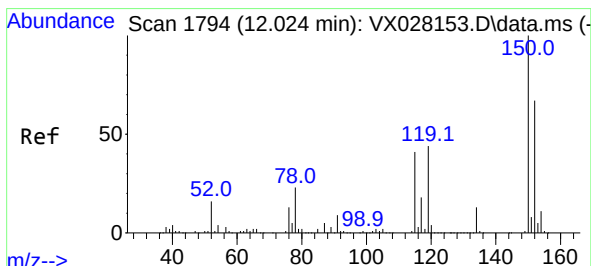
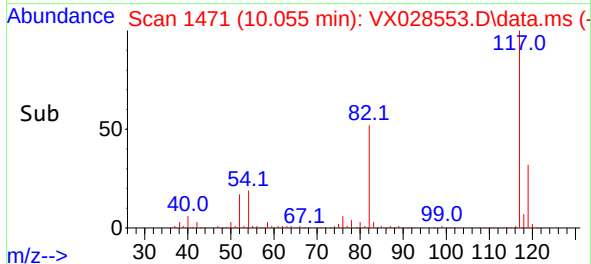
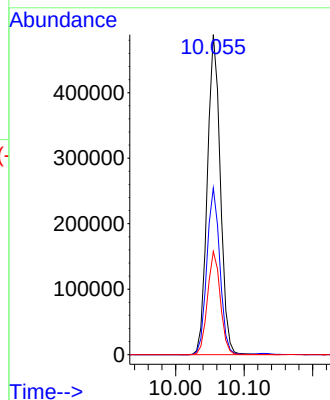
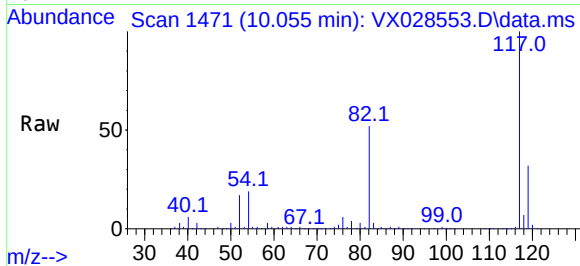




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

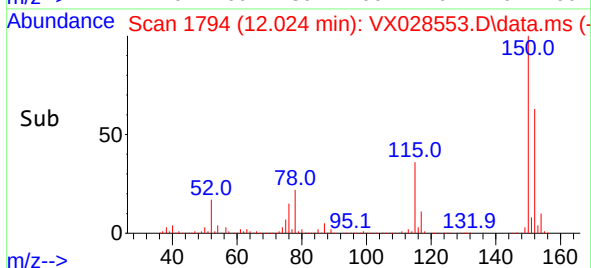
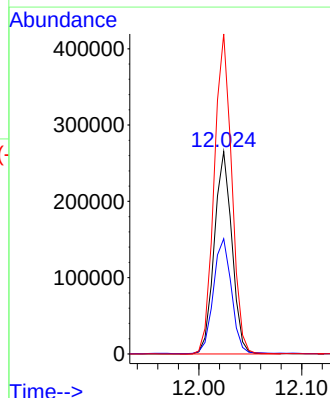
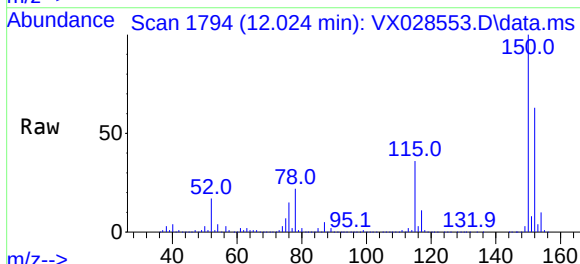
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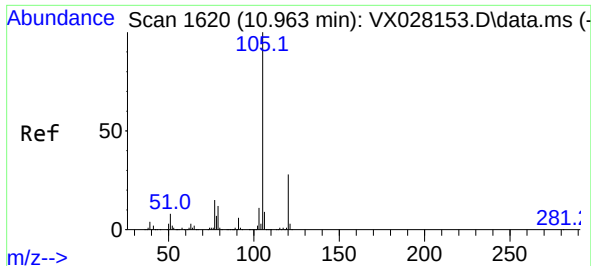
Tgt Ion:117 Resp: 645020
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion:152 Resp: 314210
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 158.3 0.0 338.2

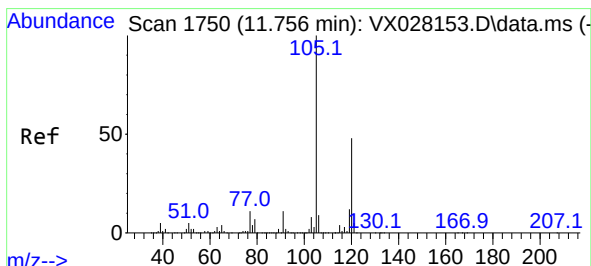
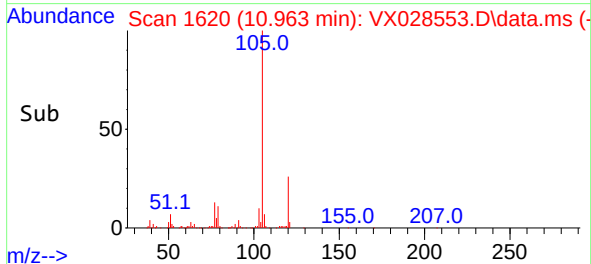
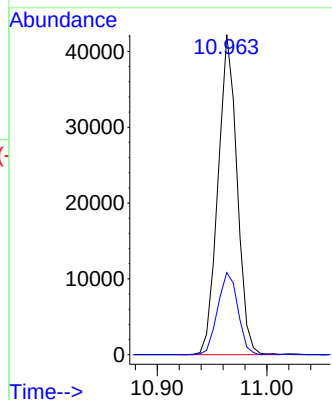
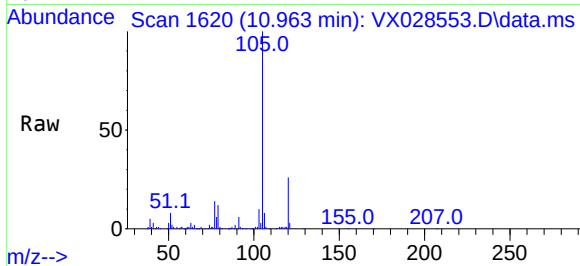




#73
Isopropylbenzene
Concen: 2.362 ug/l
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

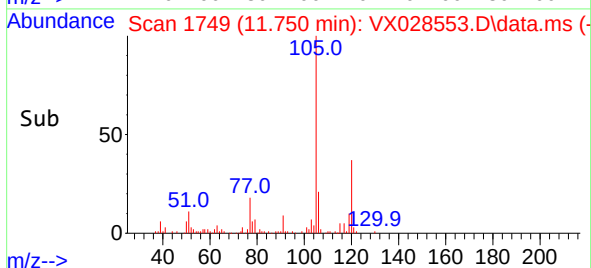
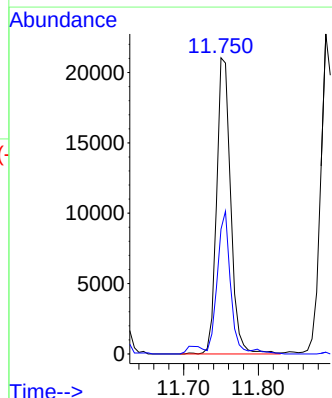
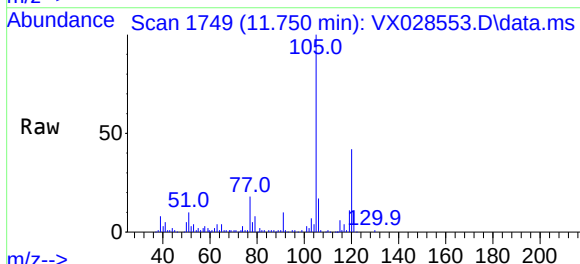
Instrument :
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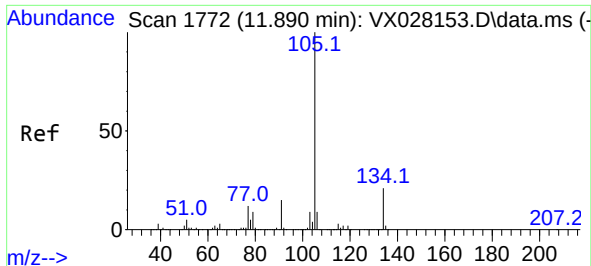
Tgt Ion:105 Resp: 51006
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 1.510 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028553.D
Acq: 06 May 2022 16:32

Tgt Ion:105 Resp: 27514
Ion Ratio Lower Upper
105 100
120 42.0 22.6 67.8

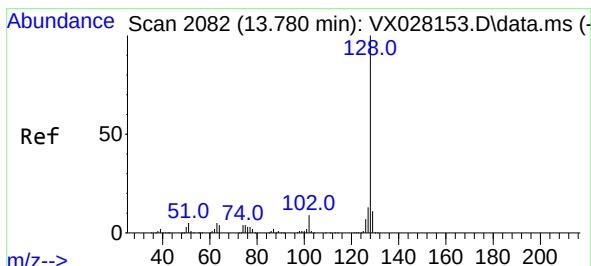
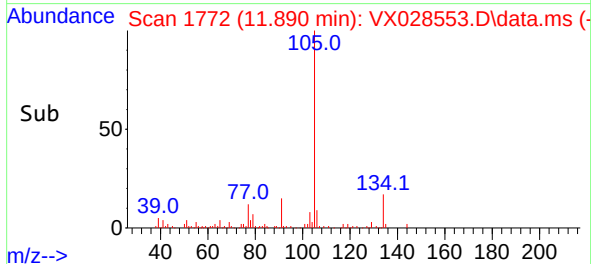
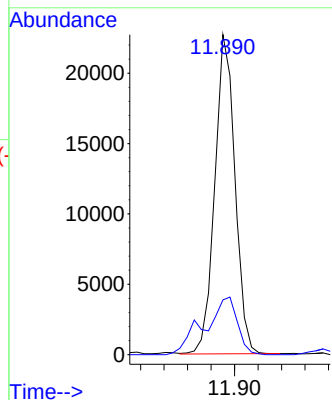
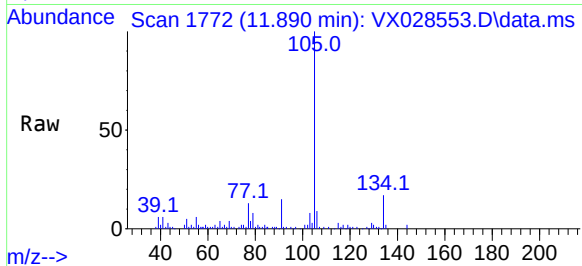




#85
 sec-Butylbenzene
 Concen: 1.198 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028553.D
 Acq: 06 May 2022 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-5

Tgt Ion:105 Resp: 27064
 Ion Ratio Lower Upper
 105 100
 134 29.5 10.2 30.4



#95
 Naphthalene
 Concen: 1.841 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX028553.D
 Acq: 06 May 2022 16:32

Tgt Ion:128 Resp: 38298
 Ion Ratio Lower Upper
 128 100
 127 15.9 10.2 15.4#
 129 16.3 8.7 13.1#

