

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027235.D
 Acq On : 28 Feb 2022 21:07
 Operator : JC/MD
 Sample : N1688-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Mar 01 00:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

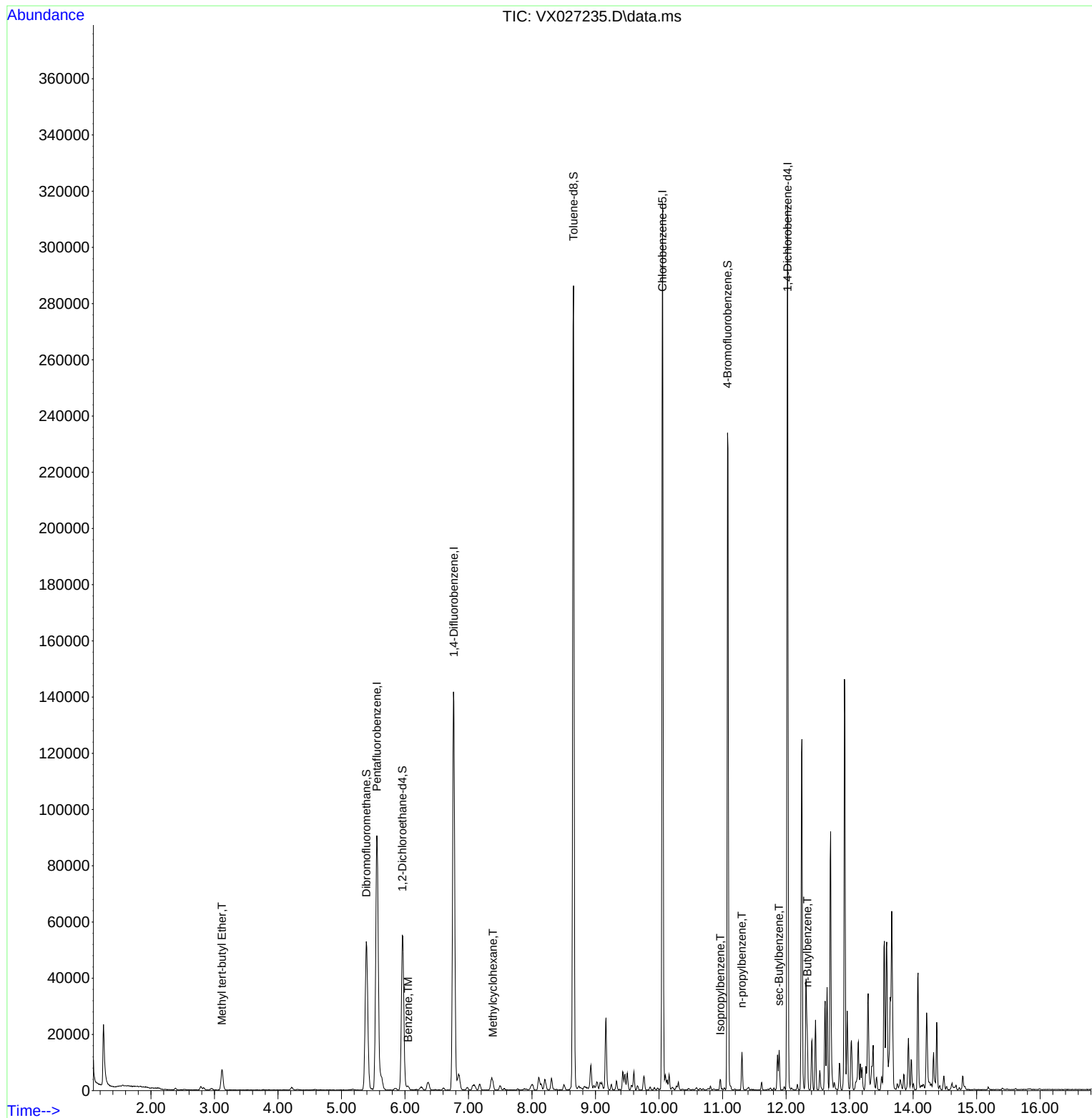
Internal Standards						
1) Pentafluorobenzene	5.556	168	89035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	148705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53974	50.475	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.960%		
35) Dibromofluoromethane	5.391	113	46657	50.547	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.100%		
50) Toluene-d8	8.653	98	172630	50.018	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.040%		
62) 4-Bromofluorobenzene	11.079	95	66731	50.370	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.740%		
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.117	73	7421	2.495	ug/l #	81
39) Methylcyclohexane	7.385	83	1318	0.787	ug/l	85
40) Benzene	6.050	78	1731	0.439	ug/l #	89
73) Isopropylbenzene	10.963	105	2023	0.436	ug/l	99
78) n-propylbenzene	11.305	91	8165	1.547	ug/l	99
85) sec-Butylbenzene	11.890	105	7513	1.579	ug/l	90
89) n-Butylbenzene	12.335	91	12045	3.552	ug/l #	66

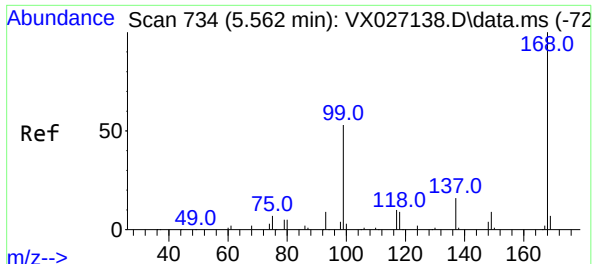
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

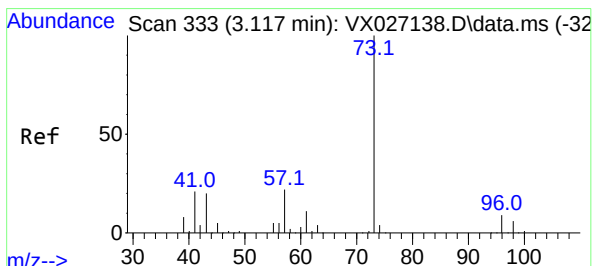
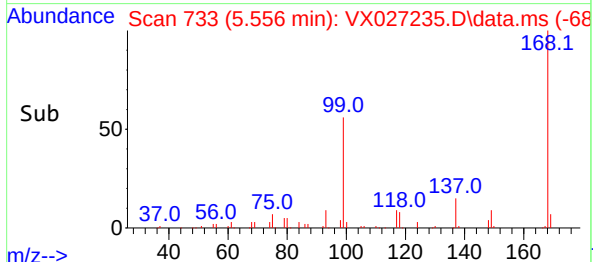
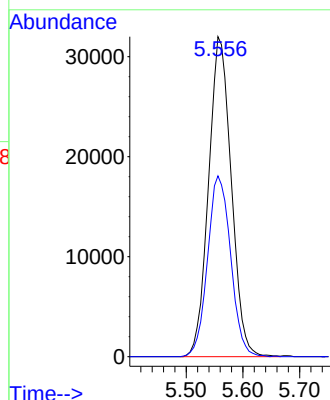
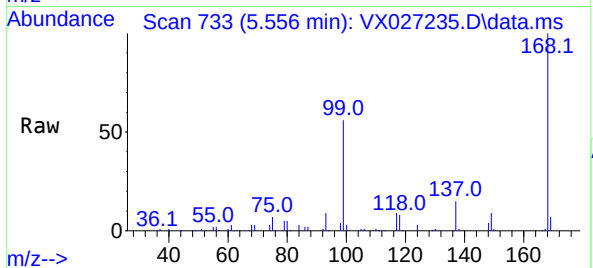




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

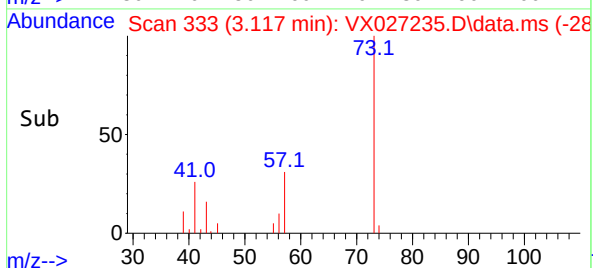
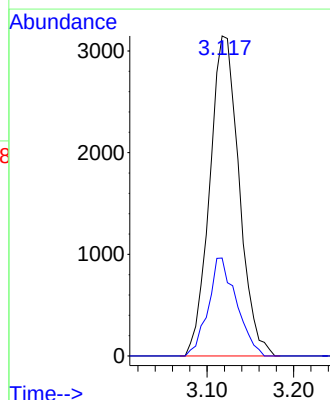
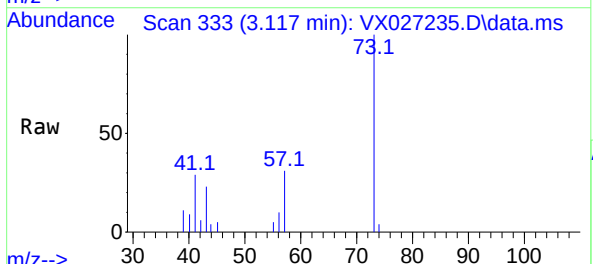
Instrument :
MSVOA_X
ClientSampleId :
MW-24

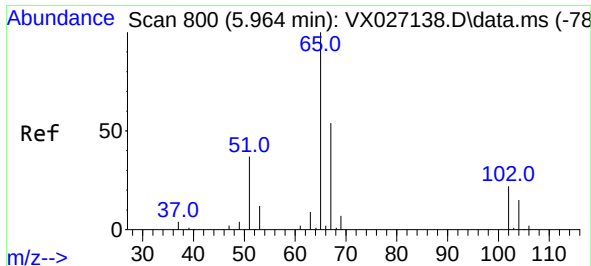
Tgt Ion:168 Resp: 89035
Ion Ratio Lower Upper
168 100
99 56.5 50.3 75.5



#19
Methyl tert-butyl Ether
Concen: 2.495 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion: 73 Resp: 7421
Ion Ratio Lower Upper
73 100
57 30.6 17.4 26.2#





#33

1,2-Dichloroethane-d4

Concen: 50.475 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027235.D

Acq: 28 Feb 2022 21:07

Instrument :

MSVOA_X

ClientSampleId :

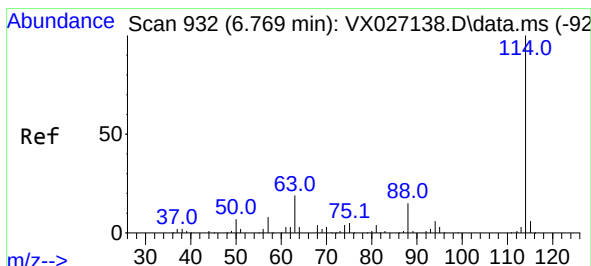
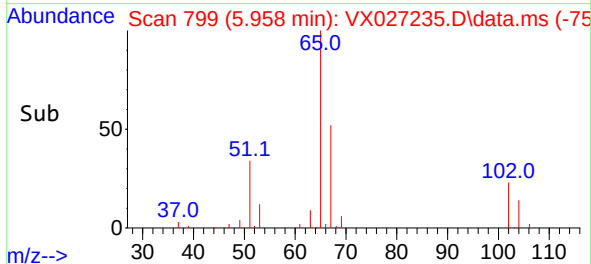
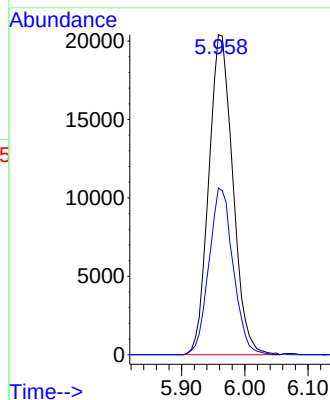
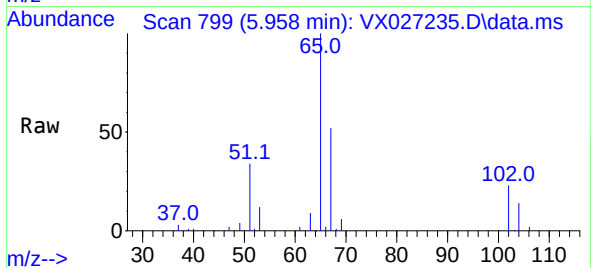
MW-24

Tgt Ion: 65 Resp: 53974

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027235.D

Acq: 28 Feb 2022 21:07

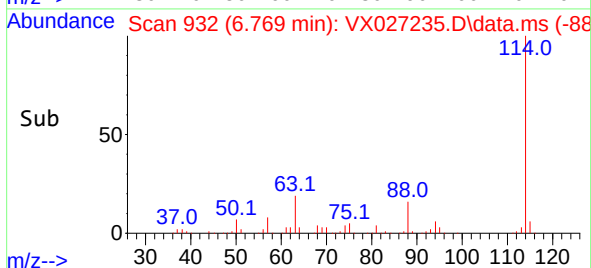
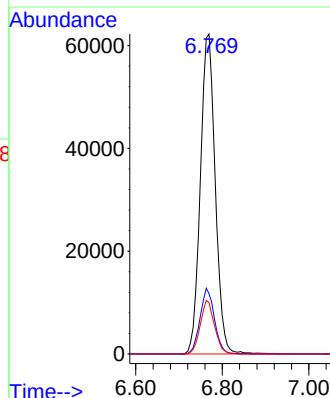
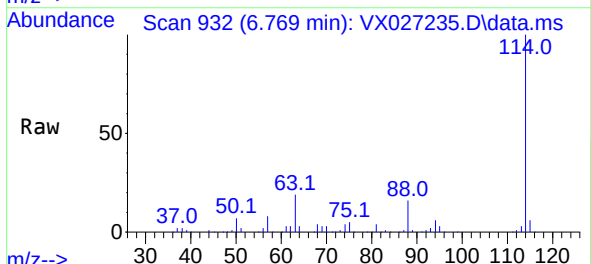
Tgt Ion: 114 Resp: 148705

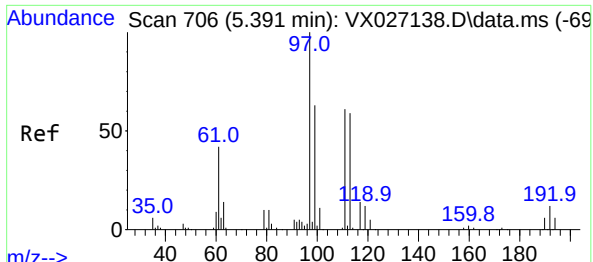
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

88 16.0 0.0 33.0

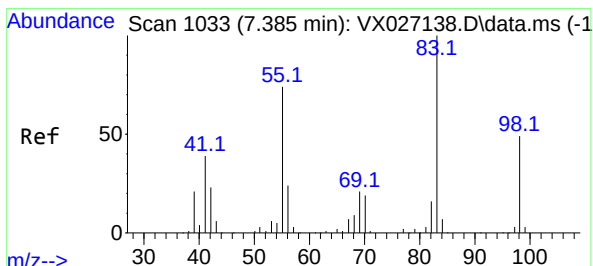
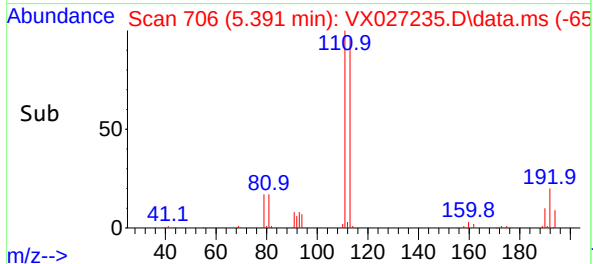
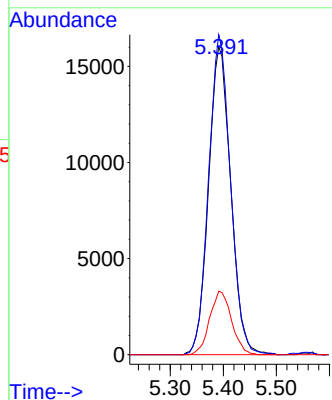
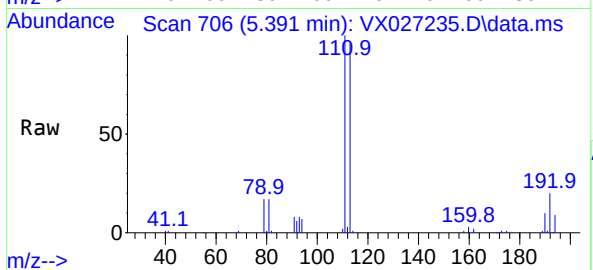




#35
Dibromofluoromethane
Concen: 50.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

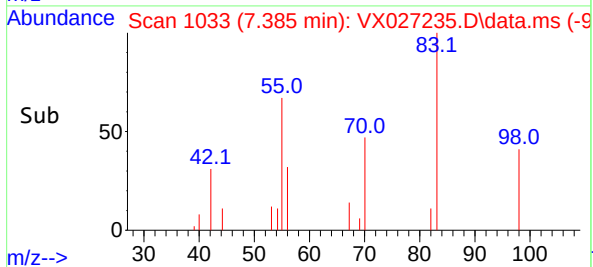
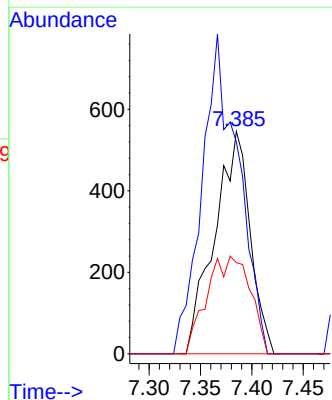
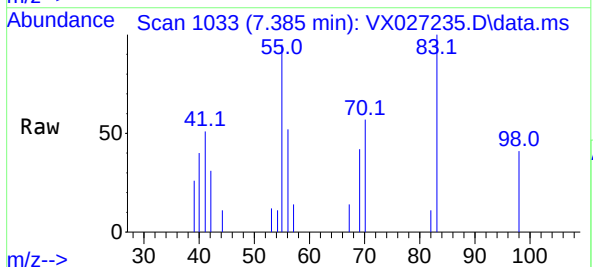
Instrument :
MSVOA_X
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MW-24

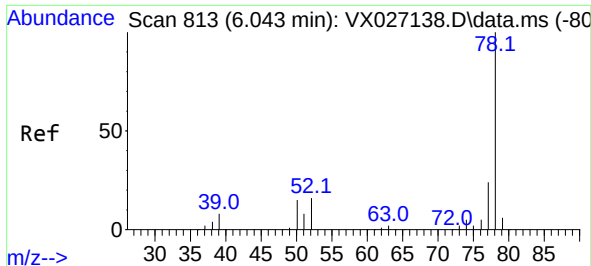
Tgt Ion:113 Resp: 46657
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 20.3 15.0 22.4



#39
Methylcyclohexane
Concen: 0.787 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion: 83 Resp: 1318
Ion Ratio Lower Upper
83 100
55 95.2 63.6 95.4
98 41.0 38.4 57.6

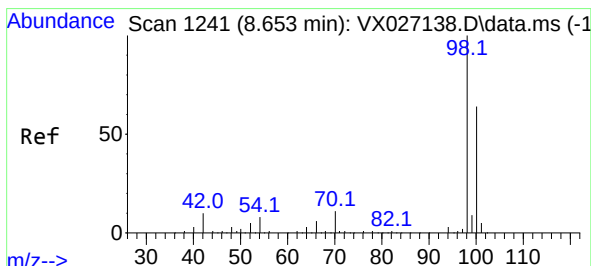
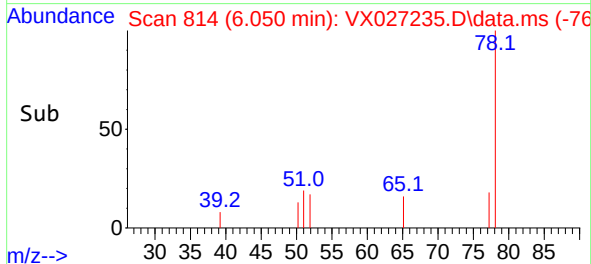
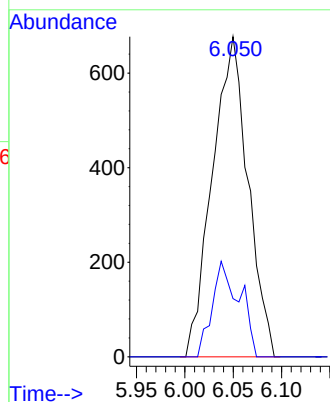
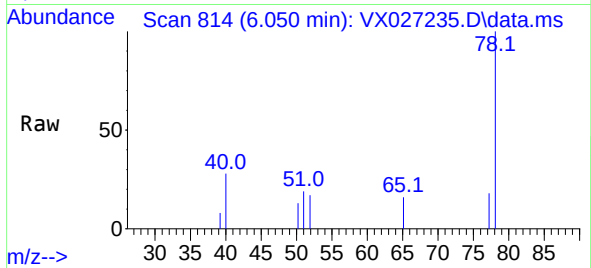




#40
Benzene
Concen: 0.439 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

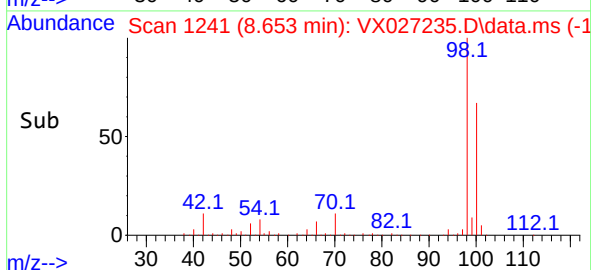
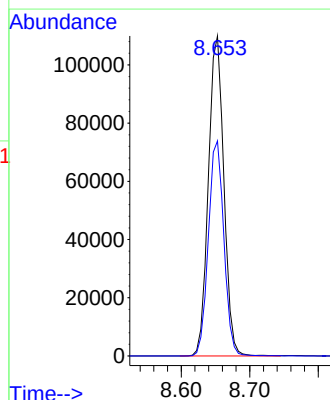
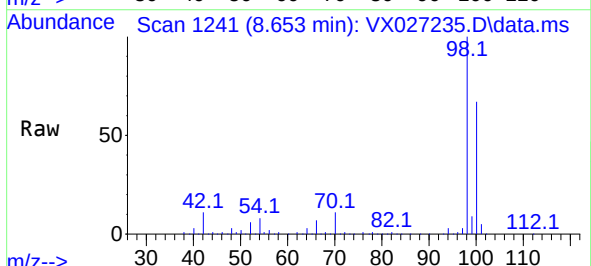
Instrument :
MSVOA_X
ClientSampleId :
MW-24

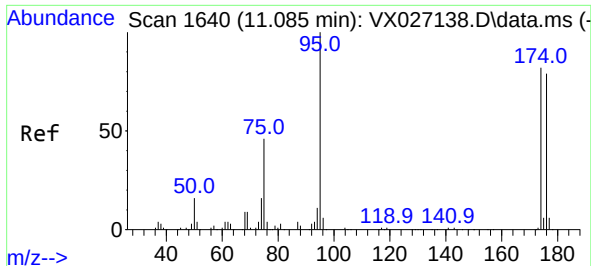
Tgt Ion: 78 Resp: 1731
Ion Ratio Lower Upper
78 100
77 18.2 18.9 28.3#



#50
Toluene-d8
Concen: 50.018 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion: 98 Resp: 172630
Ion Ratio Lower Upper
98 100
100 67.3 53.2 79.8

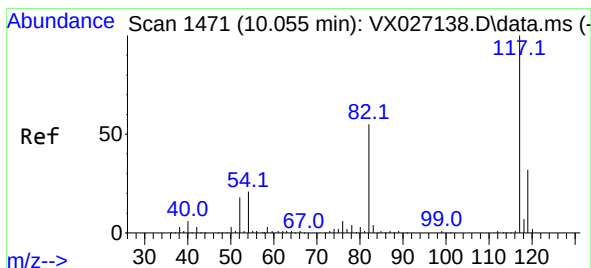
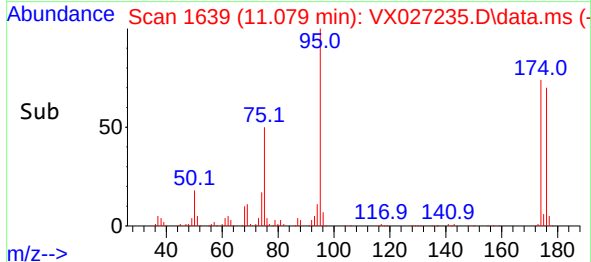
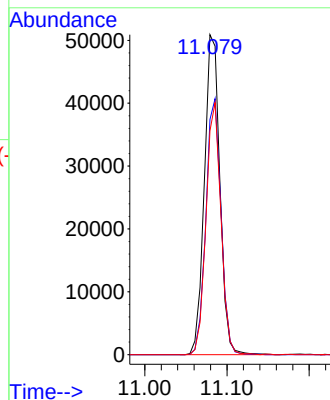
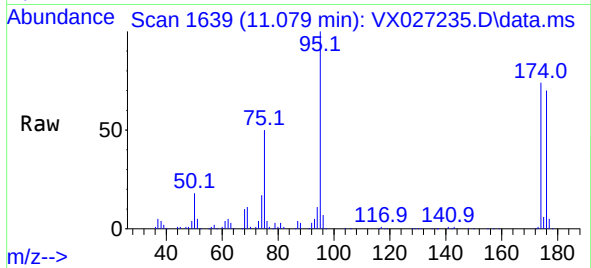




#62
4-Bromofluorobenzene
Concen: 50.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

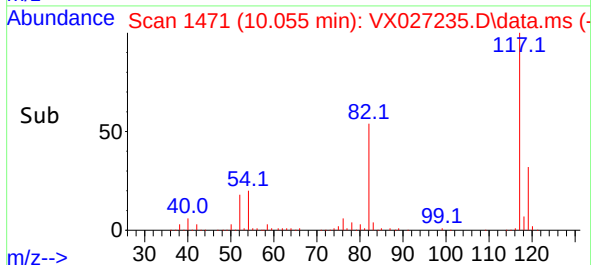
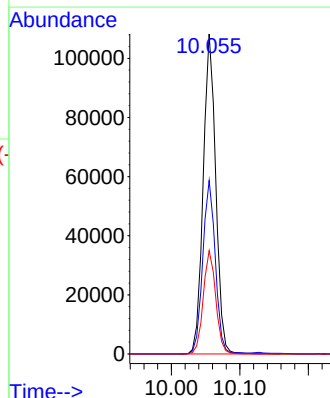
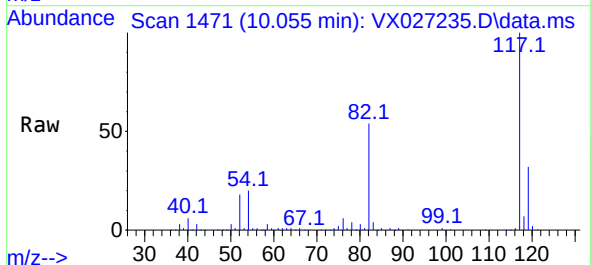
Instrument :
MSVOA_X
ClientSampleId :
MW-24

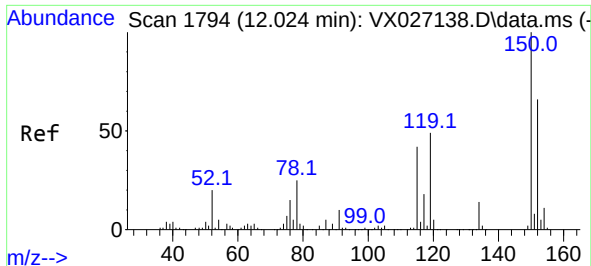
Tgt Ion: 95 Resp: 66731
Ion Ratio Lower Upper
95 100
174 77.9 0.0 148.6
176 75.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion: 117 Resp: 138094
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 32.3 26.2 39.2

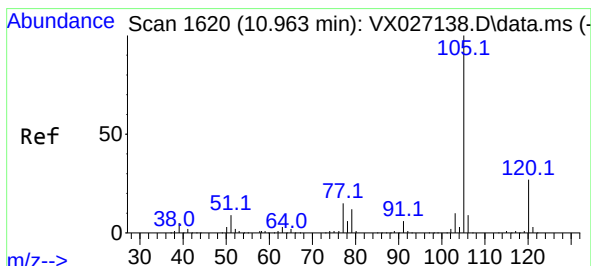
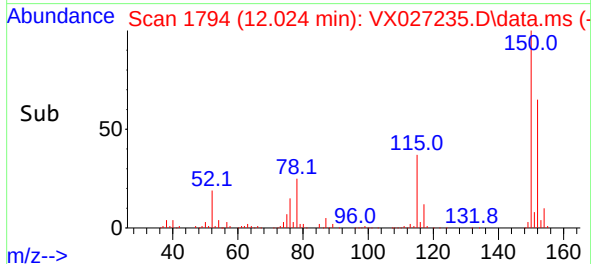
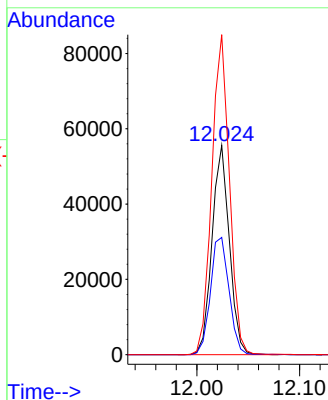
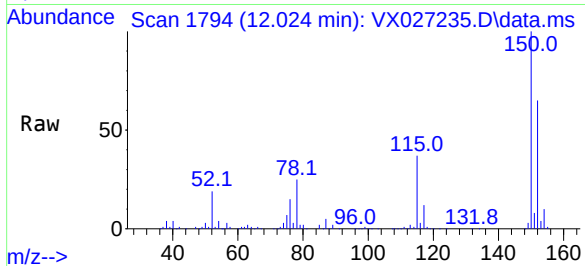




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

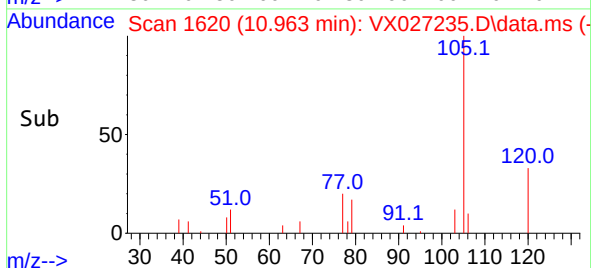
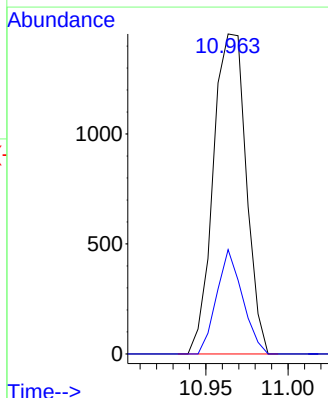
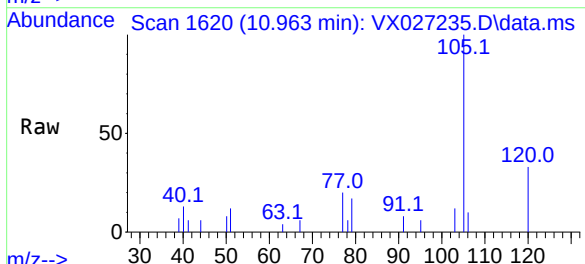
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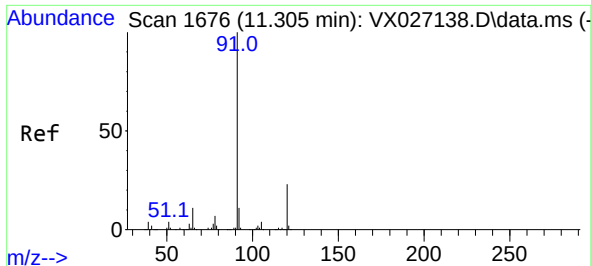
Tgt Ion:152 Resp: 64877
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 155.8 0.0 348.2



#73
Isopropylbenzene
Concen: 0.436 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion:105 Resp: 2023
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

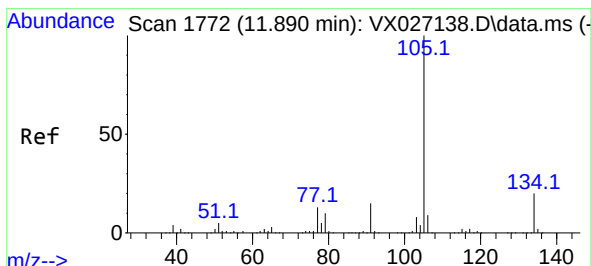
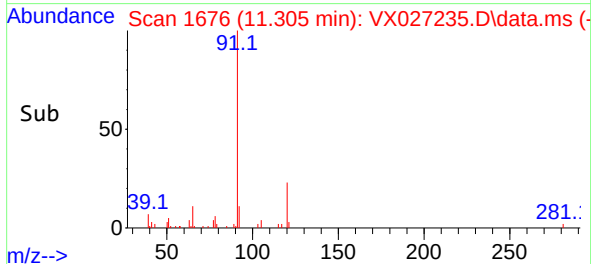
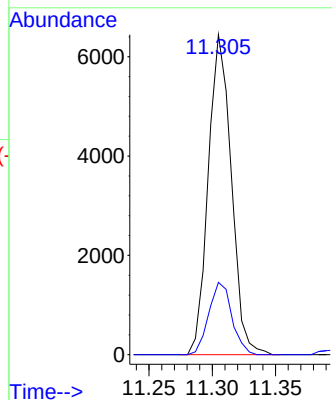
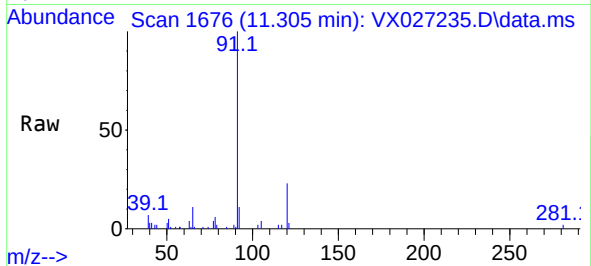




#78
n-propylbenzene
Concen: 1.547 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

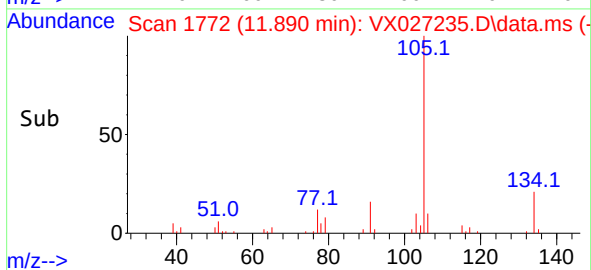
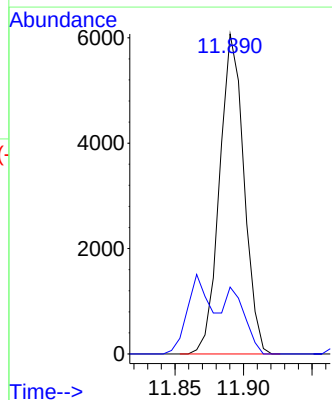
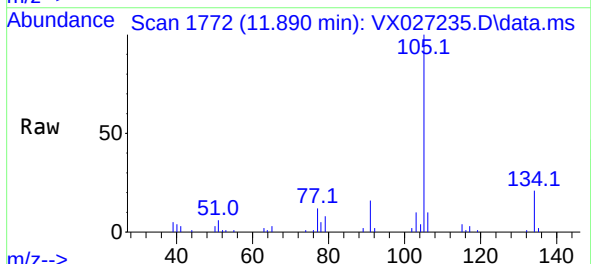
Instrument :
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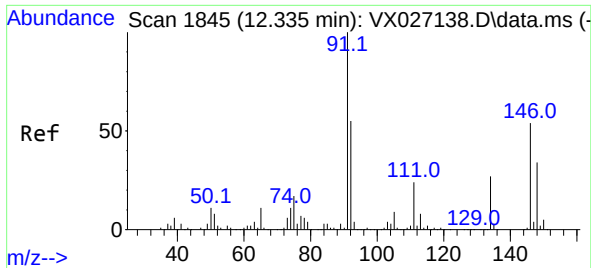
Tgt Ion: 91 Resp: 8165
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7



#85
sec-Butylbenzene
Concen: 1.579 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027235.D
Acq: 28 Feb 2022 21:07

Tgt Ion: 105 Resp: 7513
Ion Ratio Lower Upper
105 100
134 15.4 10.1 30.1





#89
 n-Butylbenzene
 Concen: 3.552 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027235.D
 Acq: 28 Feb 2022 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Tgt Ion: 91	Resp:	12045
Ion	Ratio	Lower Upper
91	100	
92	40.3	27.2 81.6
134	58.5	13.1 39.1#

