

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024533.D
 Acq On : 04 Oct 2021 20:17
 Operator : JC/MD
 Sample : M3989-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Oct 05 03:23:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

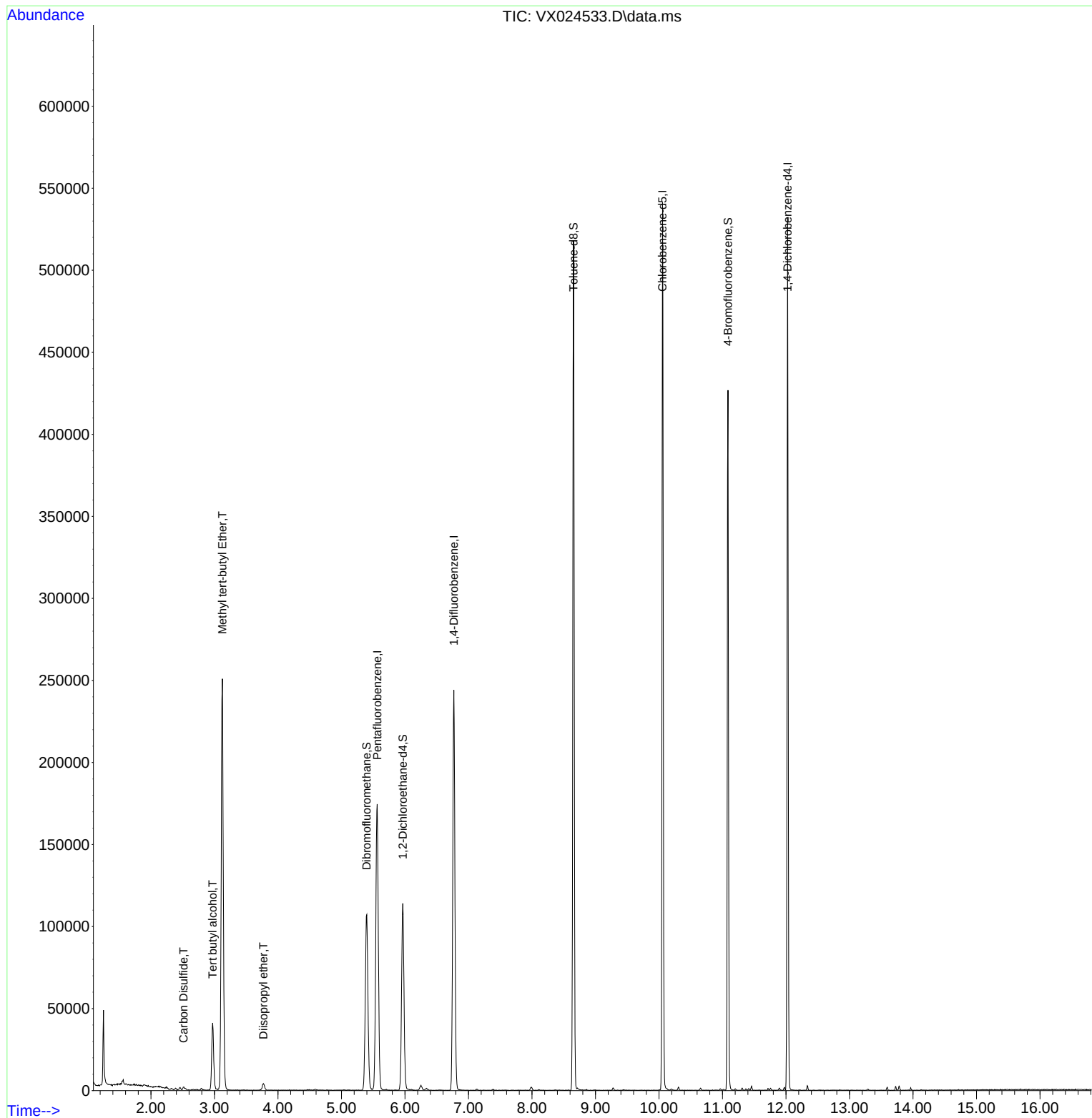
Internal Standards						
1) Pentafluorobenzene	5.562	168	164072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112936	48.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.68%
35) Dibromofluoromethane	5.397	113	93282	58.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.22%
50) Toluene-d8	8.653	98	295633	50.04	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.08%
62) 4-Bromofluorobenzene	11.085	95	109037	46.94	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.88%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	48241	81.36	ug/l	99
17) Carbon Disulfide	2.514	76	2328	0.83	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	279254	49.27	ug/l	99
22) Diisopropyl ether	3.770	45	4174	0.74	ug/l #	81

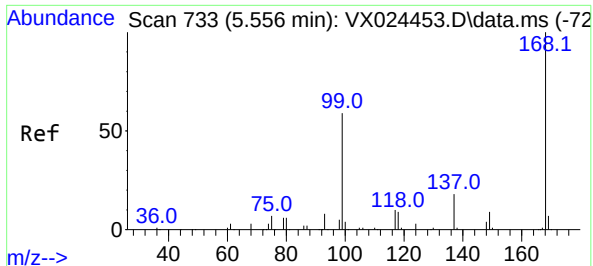
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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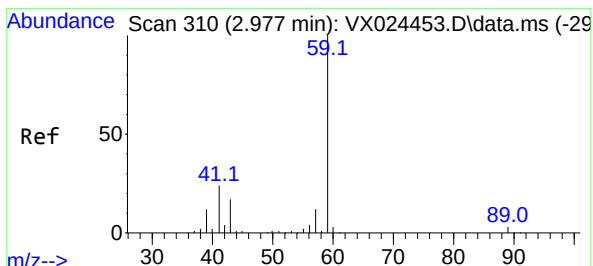
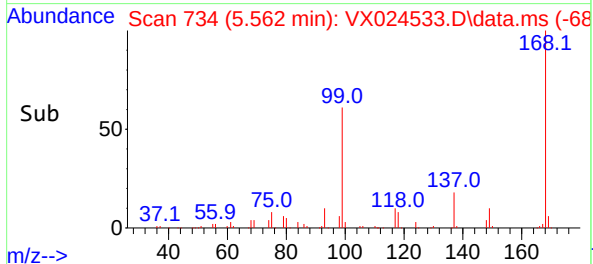
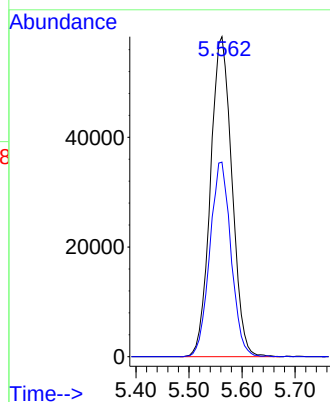
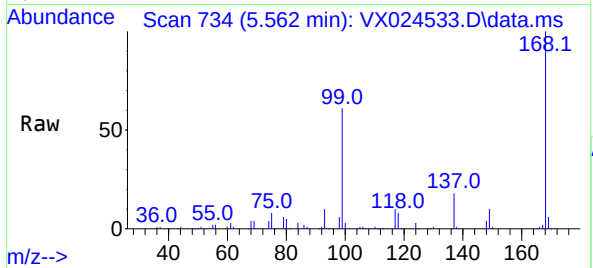




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

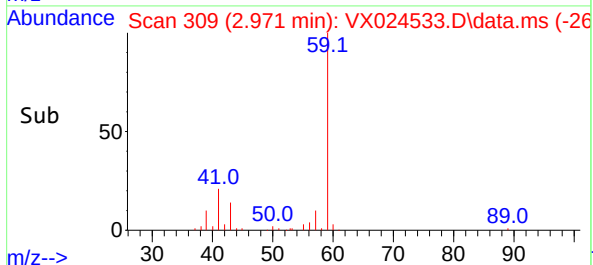
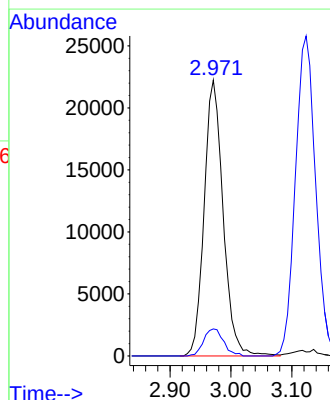
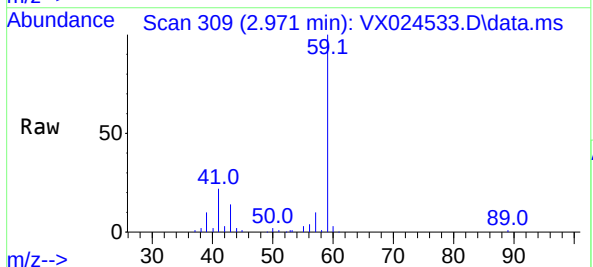
Instrument :
MSVOA_X
ClientSampleId :
MW-7

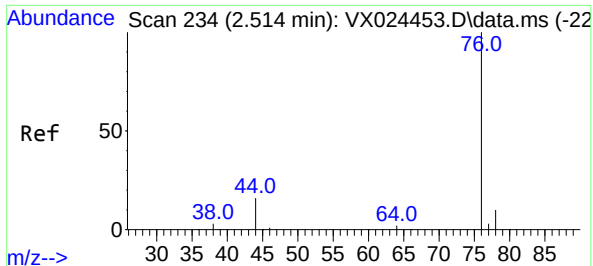
Tgt Ion:168 Resp: 164072
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#11
Tert butyl alcohol
Concen: 81.36 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion: 59 Resp: 48241
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

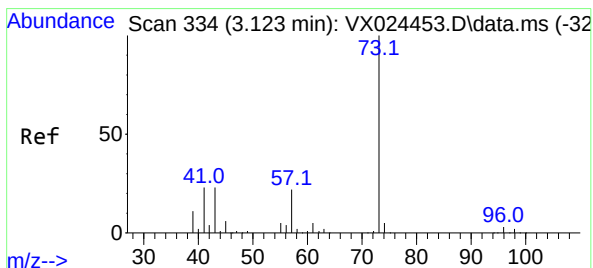
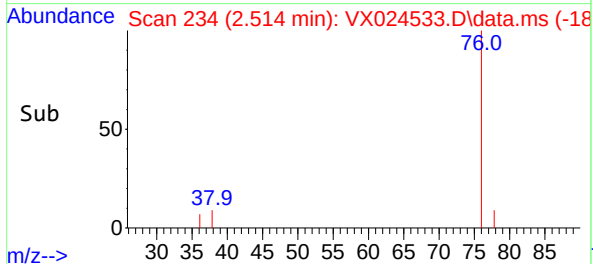
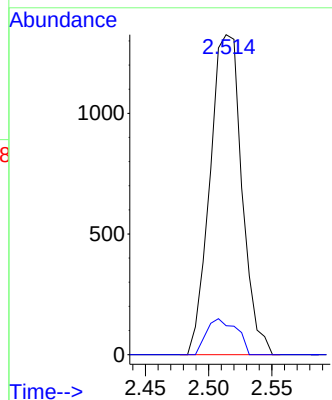
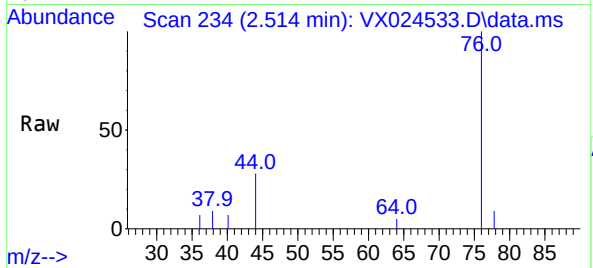




#17
Carbon Disulfide
Concen: 0.83 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

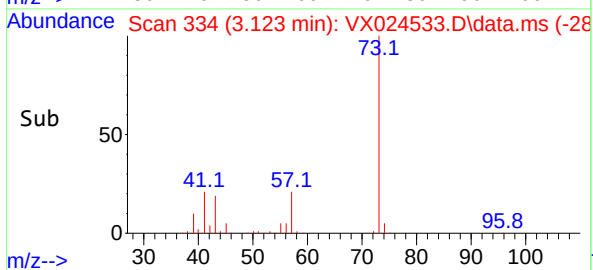
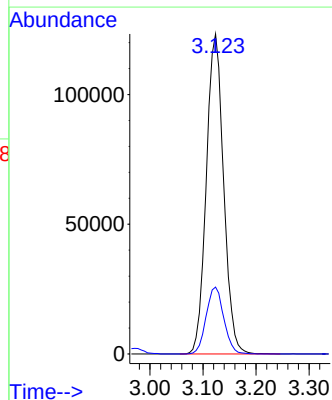
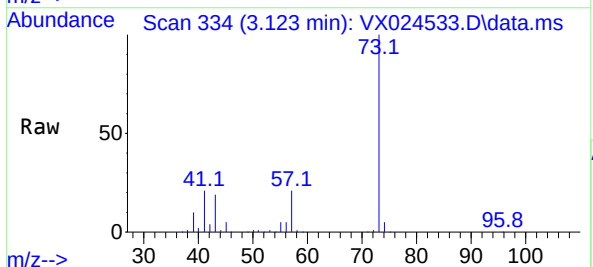
Instrument :
MSVOA_X
ClientSampled :
MW-7

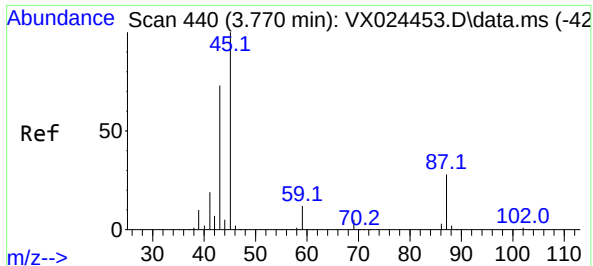
Tgt Ion: 76 Resp: 2328
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 49.27 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion: 73 Resp: 279254
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7



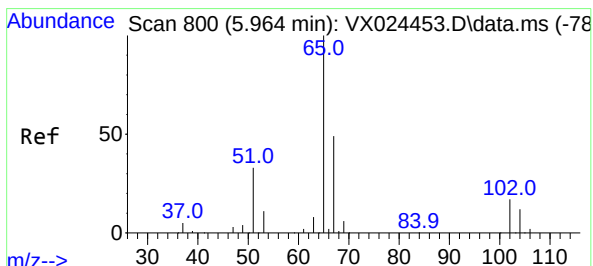
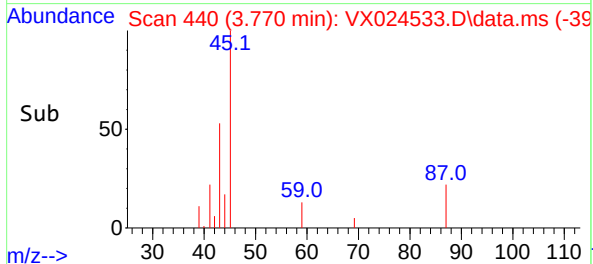
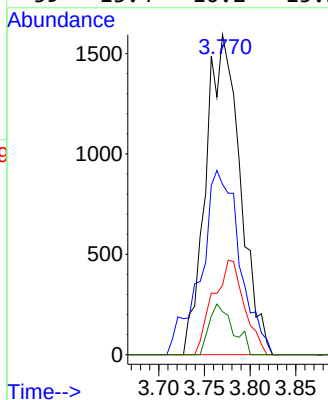
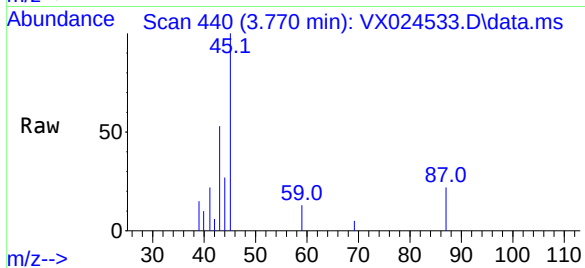


#22
Diisopropyl ether
Concen: 0.74 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 45 Resp: 4174

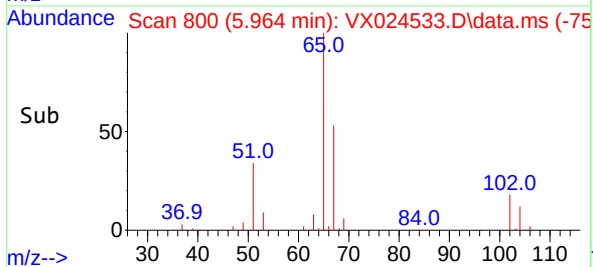
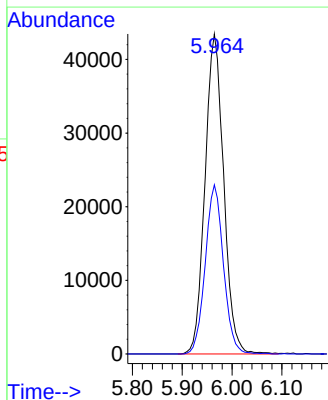
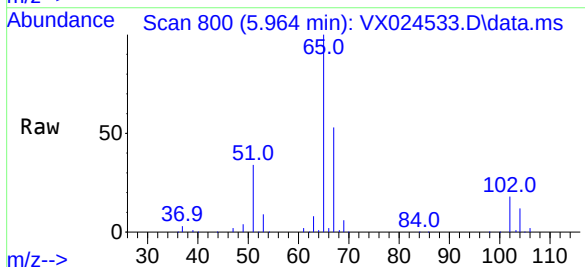
Ion	Ratio	Lower	Upper
45	100		
43	53.3	58.0	87.0#
87	21.7	25.4	38.0#
59	13.4	10.2	15.2

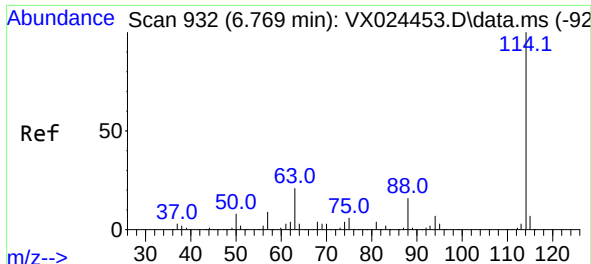


#33
1,2-Dichloroethane-d4
Concen: 48.84 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion: 65 Resp: 112936

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.4



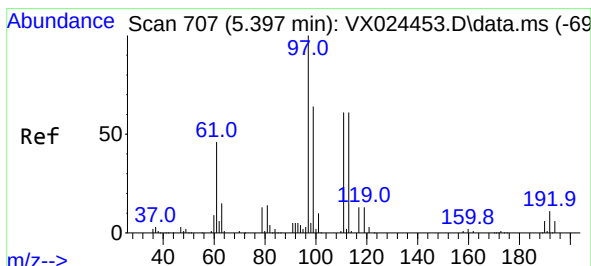
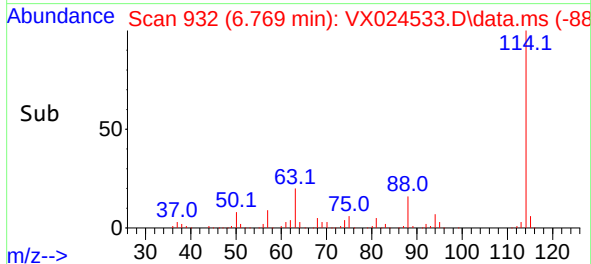
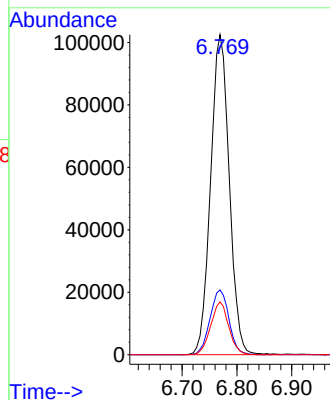
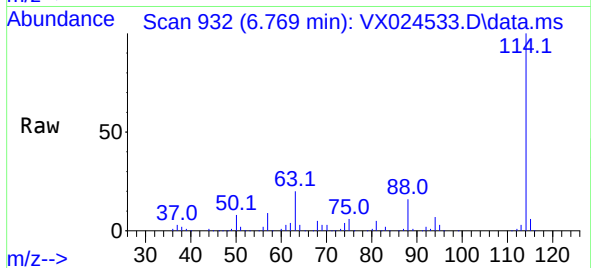


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Instrument :
MSVOA_X
ClientSampled :
MW-7

Tgt Ion:114 Resp: 241649

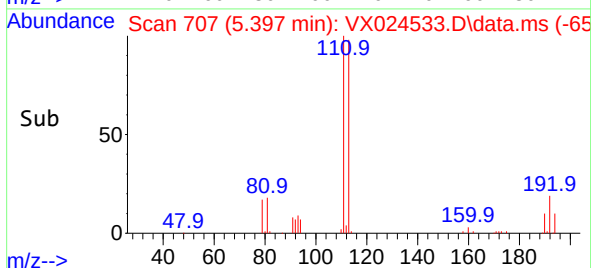
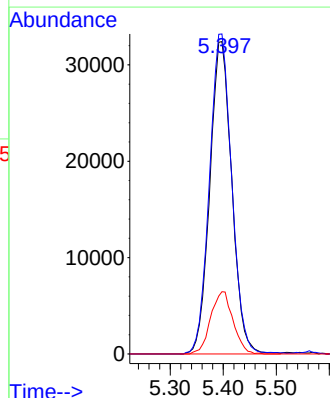
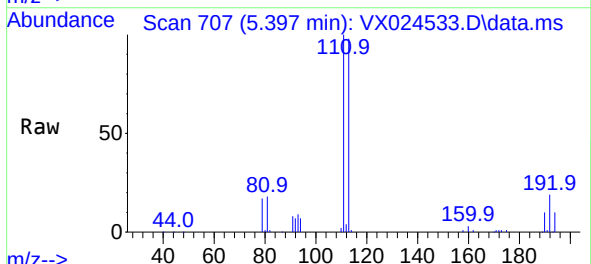
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.5	0.0	32.8

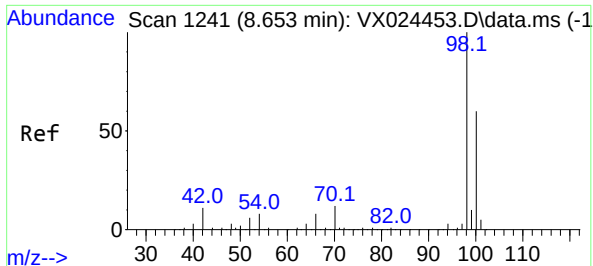


#35
Dibromofluoromethane
Concen: 58.11 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion:113 Resp: 93282

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	20.3	16.7	25.1

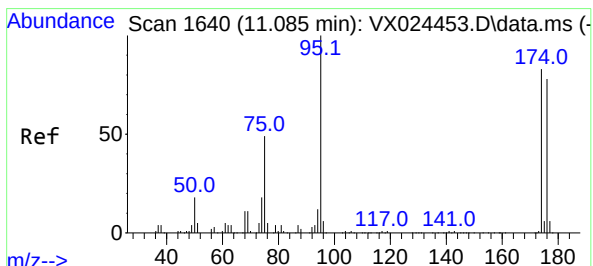
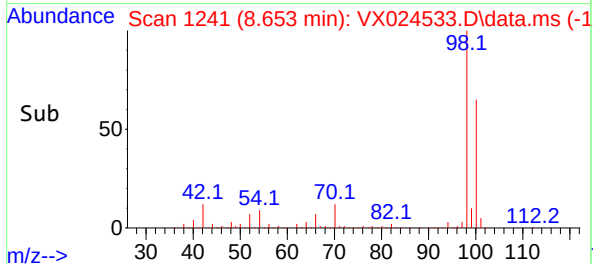
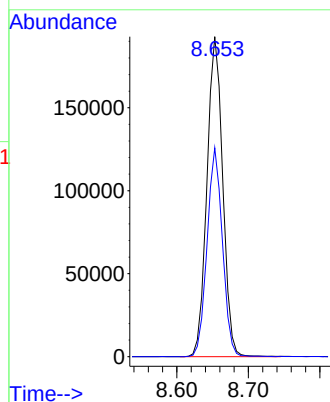
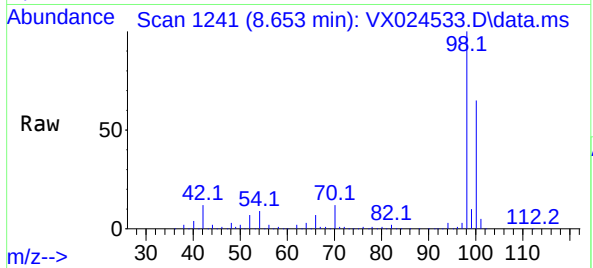




#50
Toluene-d8
Concen: 50.04 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

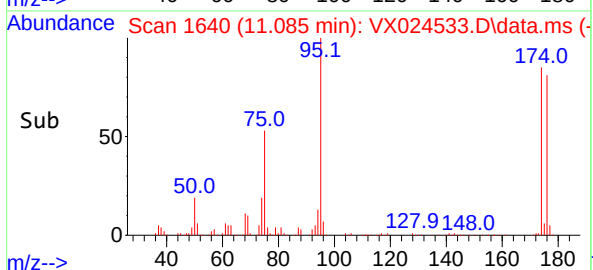
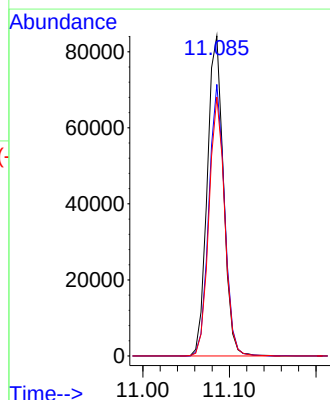
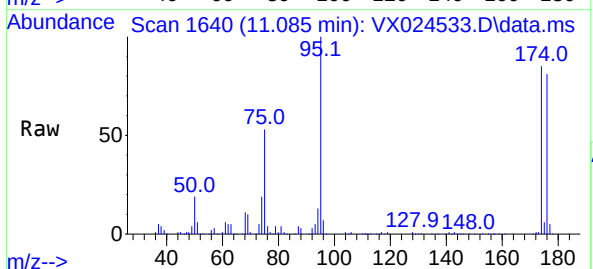
Instrument :
MSVOA_X
ClientSampled :
MW-7

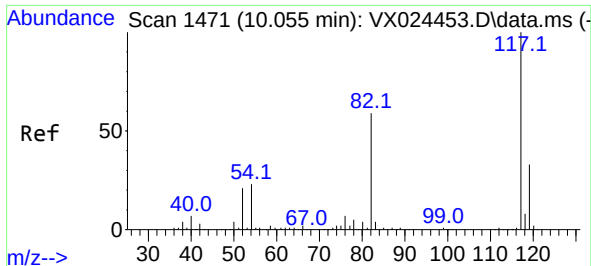
Tgt Ion: 98 Resp: 295633
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion: 95 Resp: 109037
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 78.6 0.0 155.8

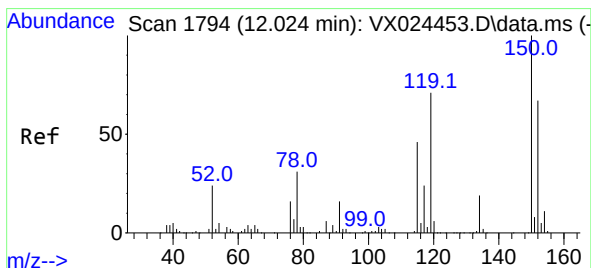
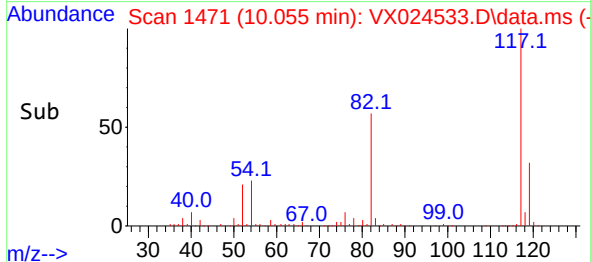
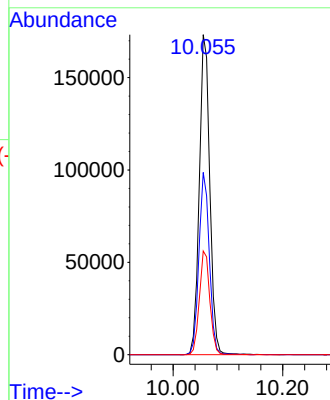
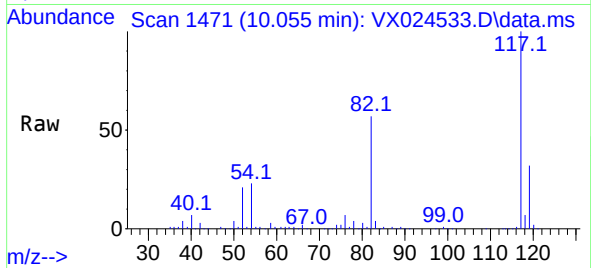




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Instrument :
MSVOA_X
ClientSampled :
MW-7

Tgt Ion:117 Resp: 230504
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024533.D
Acq: 04 Oct 2021 20:17

Tgt Ion:152 Resp: 104759
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 155.1 0.0 349.0

