

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021383.D
 Acq On : 23 Mar 2021 14:26
 Operator : JC/MD
 Sample : M1701-02
 Misc : 5.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R(13-15FT)

Quant Time: Mar 23 15:44:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

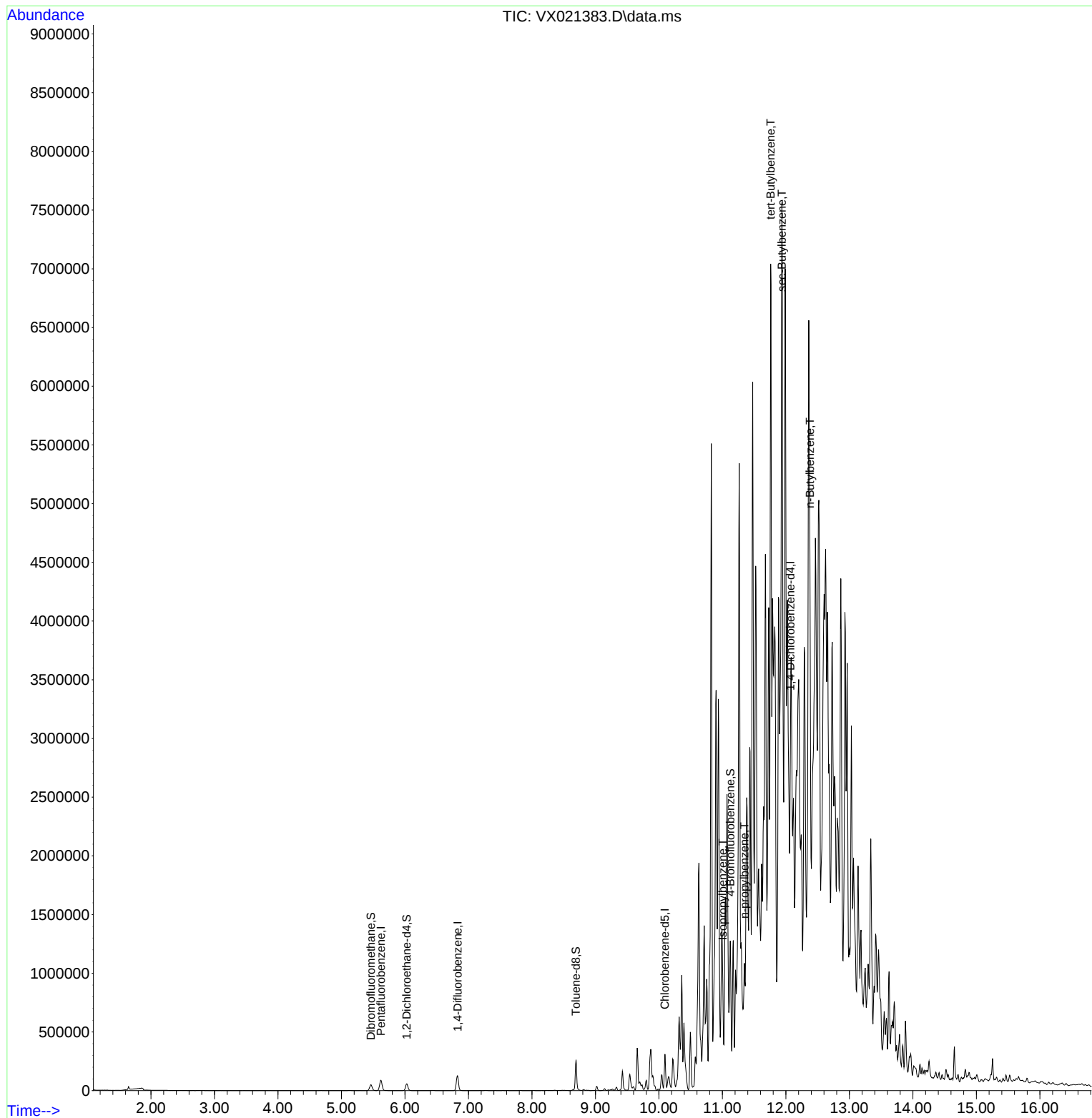
Internal Standards						
1) Pentafluorobenzene	5.623	168	76550	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	122816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	102432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.071	152	61572	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57593	45.87	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.74%
35) Dibromofluoromethane	5.464	113	40977	49.03	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.06%
50) Toluene-d8	8.694	98	145069	47.84	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.68%
62) 4-Bromofluorobenzene	11.124	95	43777	37.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.36%#
Target Compounds						
					Qvalue	
73) Isopropylbenzene	11.006	105	84848	18.55	ug/l	99
78) n-propylbenzene	11.347	91	252333	47.18	ug/l	94
83) tert-Butylbenzene	11.759	119	63574	17.26	ug/l #	70
85) sec-Butylbenzene	11.936	105	430321	99.10	ug/l	94
89) n-Butylbenzene	12.377	91	435989	120.23	ug/l	85

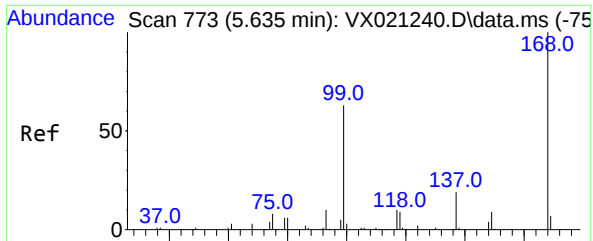
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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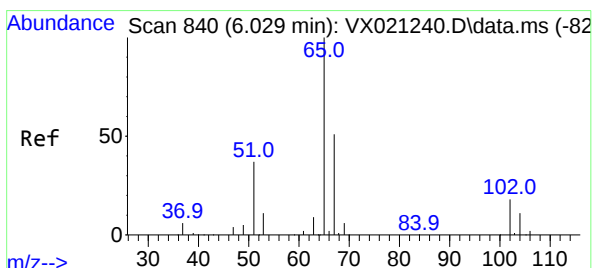
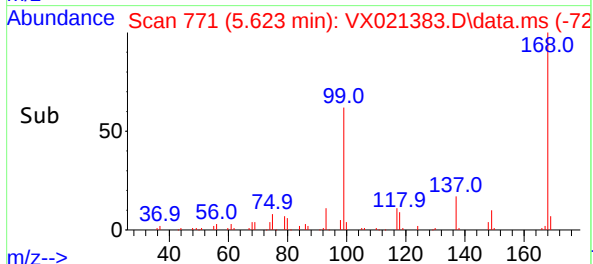
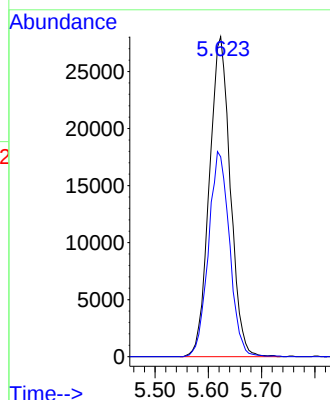
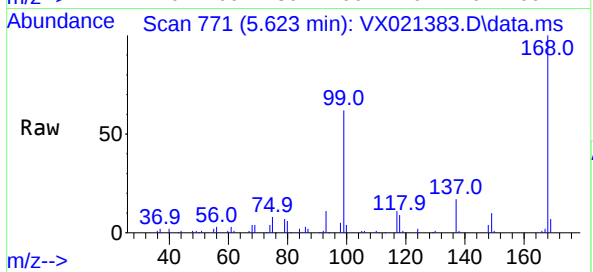




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

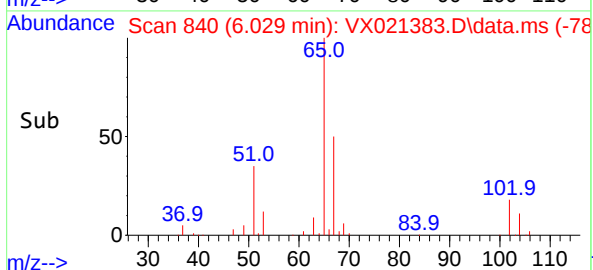
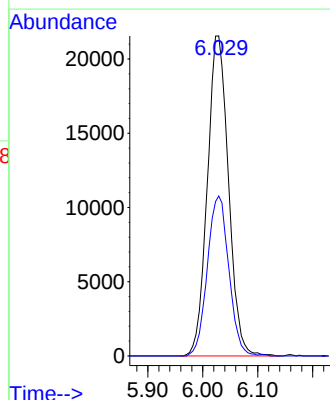
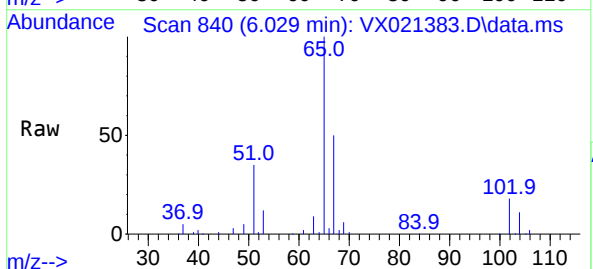
Instrument :
MSVOA_X
ClientSampleId :
MW-5R(13-15FT)

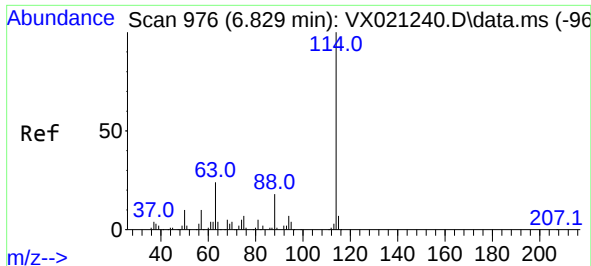
Tgt Ion:168 Resp: 76550
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 45.87 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

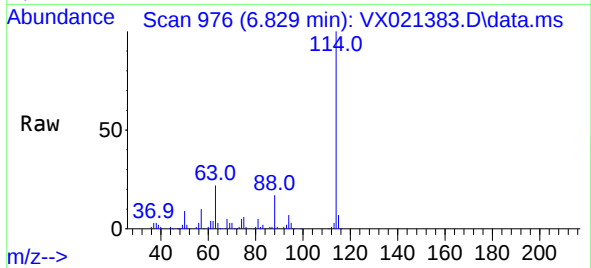
Tgt Ion: 65 Resp: 57593
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4



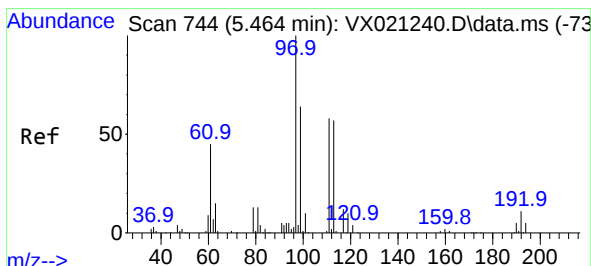
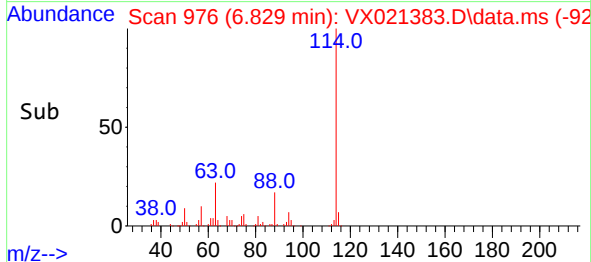
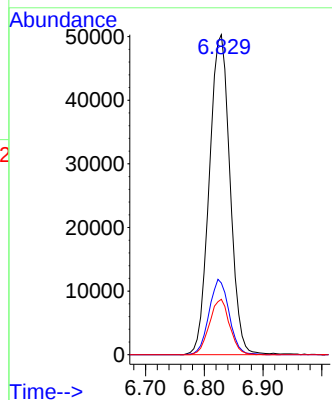


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Instrument :
MSVOA_X
ClientSampleId :
MW-5R(13-15FT)

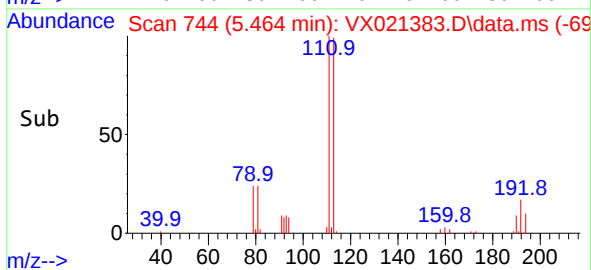
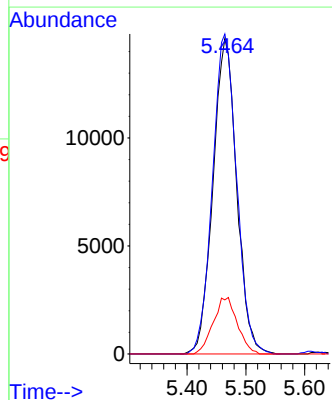
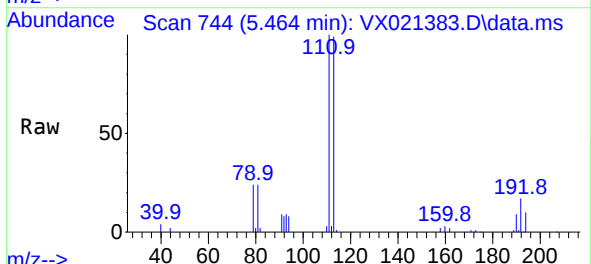


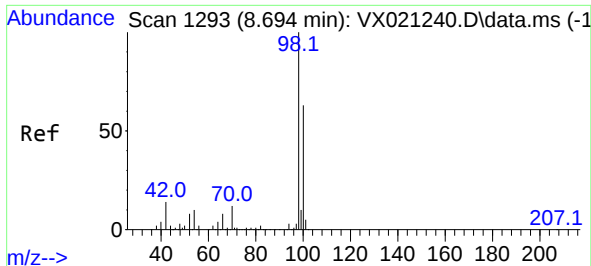
Tgt Ion:114 Resp: 122816
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Tgt Ion:113 Resp: 40977
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.2 16.7 25.1

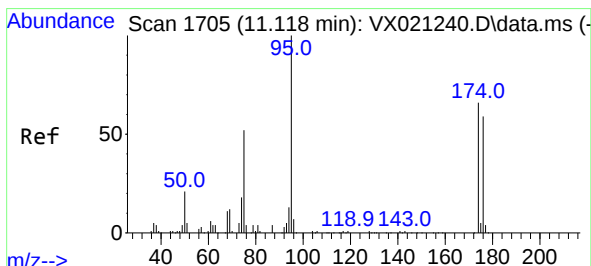
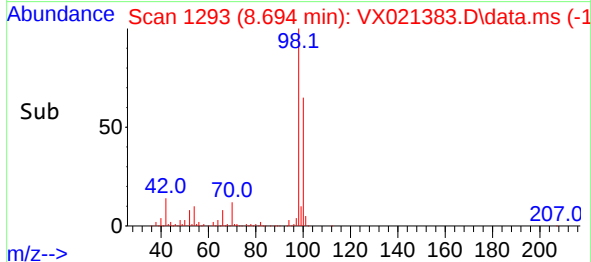
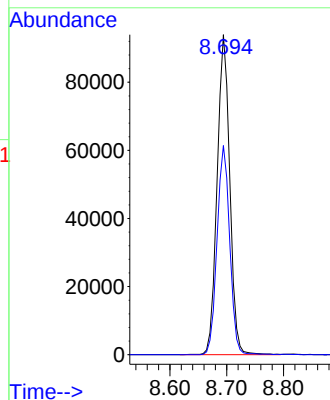
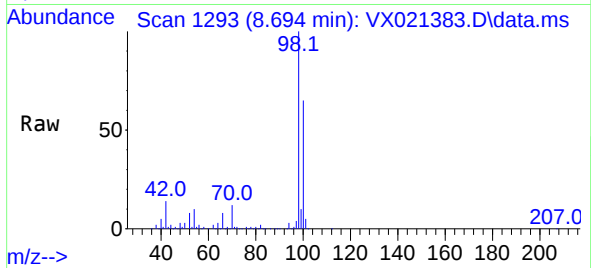




#50
Toluene-d8
Concen: 47.84 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

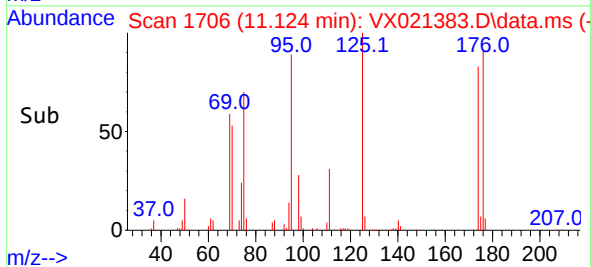
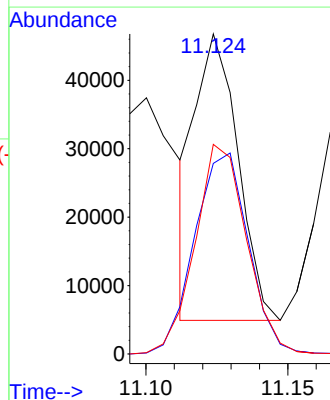
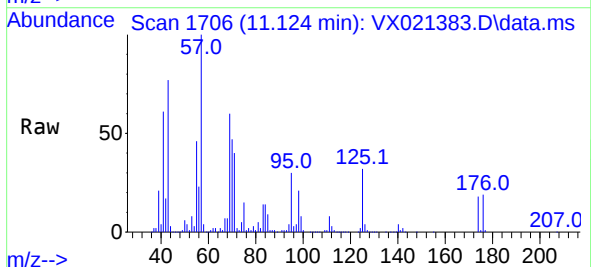
Instrument :
MSVOA_X
ClientSampleId :
MW-5R(13-15FT)

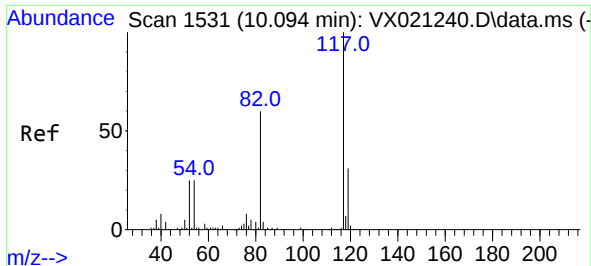
Tgt Ion: 98 Resp: 145069
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.18 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Tgt Ion: 95 Resp: 43777
Ion Ratio Lower Upper
95 100
174 89.0 0.0 154.6
176 88.5 0.0 155.8

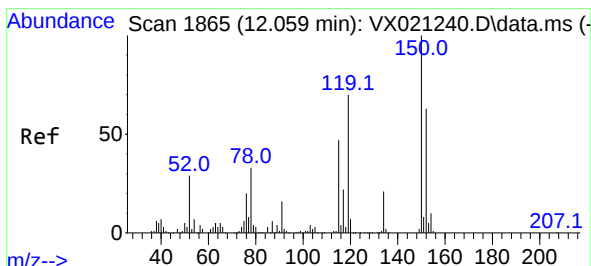
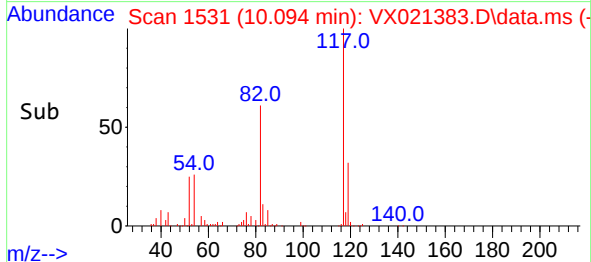
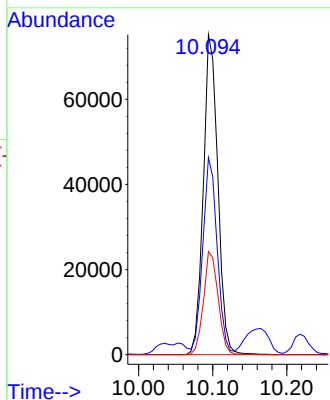
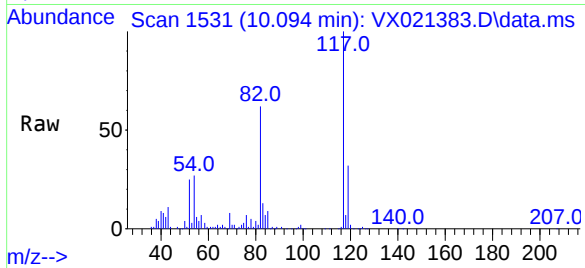




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

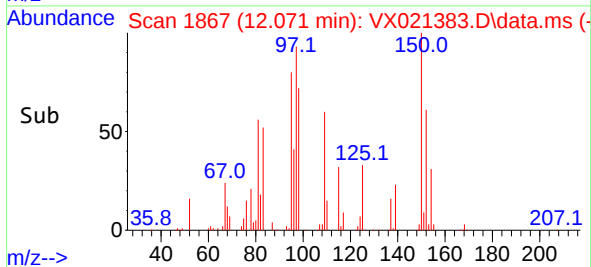
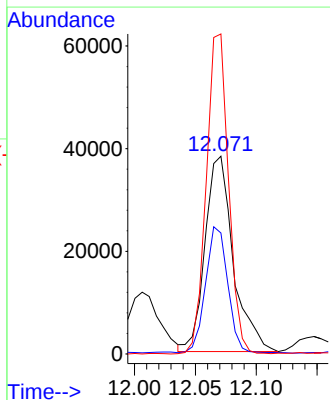
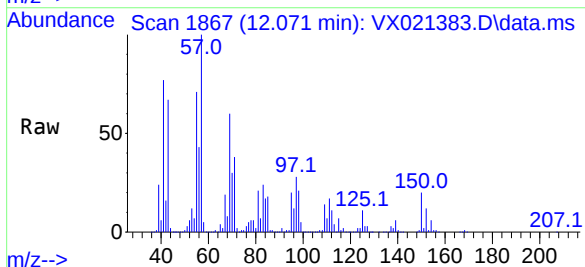
Instrument :
MSVOA_X
ClientSampleId :
MW-5R(13-15FT)

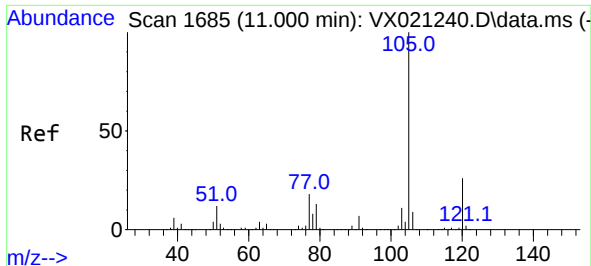
Tgt Ion:	117	Resp:	102432
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.4	71.2
119	32.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.071 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Tgt Ion:	152	Resp:	61572
Ion	Ratio	Lower	Upper
152	100		
115	51.0	41.1	123.3
150	128.8	0.0	349.0

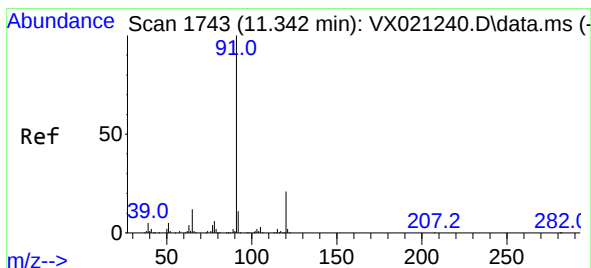
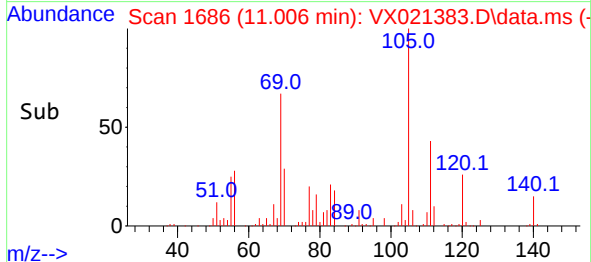
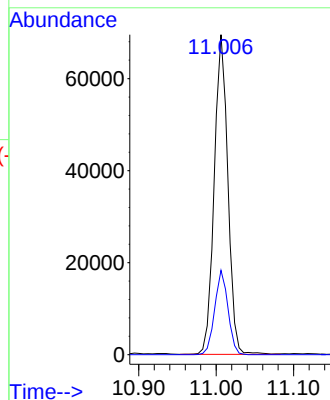
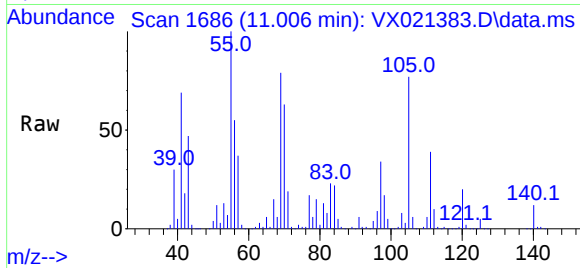




#73
Isopropylbenzene
Concen: 18.55 ug/l
RT: 11.006 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

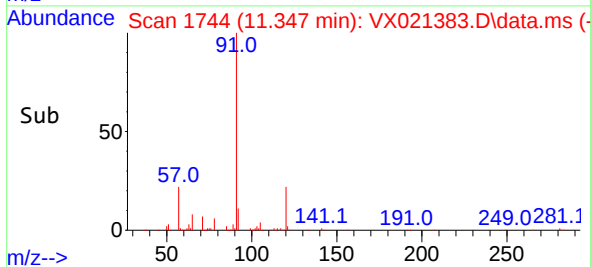
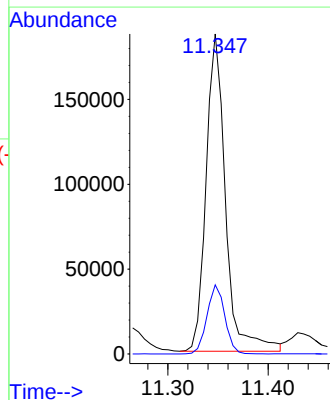
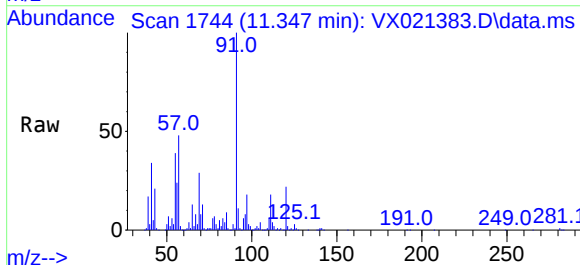
Instrument :
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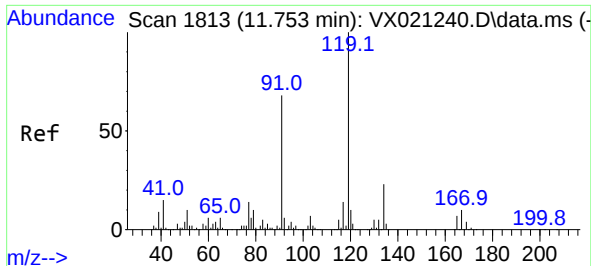
Tgt Ion:105 Resp: 84848
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.6



#78
n-propylbenzene
Concen: 47.18 ug/l
RT: 11.347 min Scan# 1744
Delta R.T. 0.005 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Tgt Ion: 91 Resp: 252333
Ion Ratio Lower Upper
91 100
120 20.0 11.5 34.5

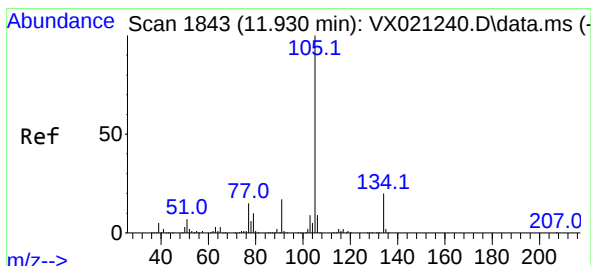
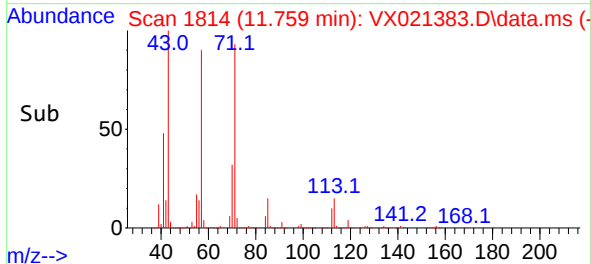
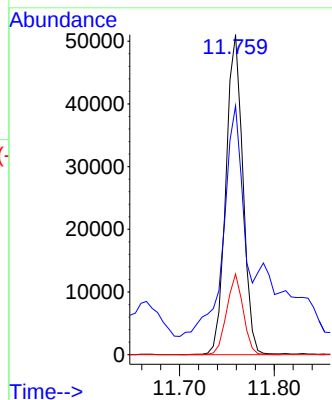
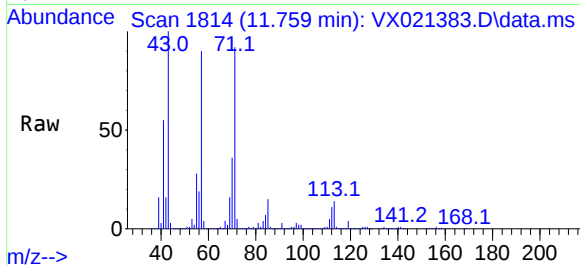




#83
tert-Butylbenzene
Concen: 17.26 ug/l
RT: 11.759 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

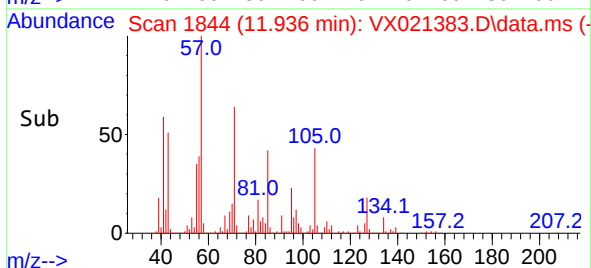
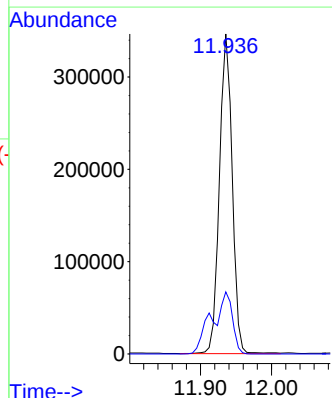
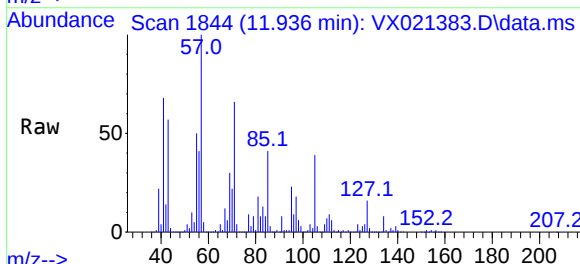
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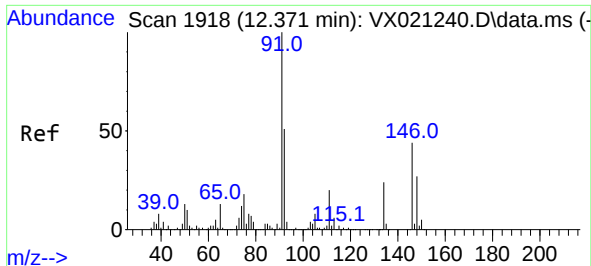
Tgt Ion:119 Resp: 63574
Ion Ratio Lower Upper
119 100
91 85.3 27.9 83.7#
134 24.4 11.3 33.9



#85
sec-Butylbenzene
Concen: 99.10 ug/l
RT: 11.936 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Tgt Ion:105 Resp: 430321
Ion Ratio Lower Upper
105 100
134 17.3 10.0 29.8





#89
n-Butylbenzene
Concen: 120.23 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VX021383.D
Acq: 23 Mar 2021 14:26

Instrument :
MSVOA_X
ClientSampleId :
MW-5R(13-15FT)

Tgt Ion: 91 Resp: 435989
Ion Ratio Lower Upper
91 100
92 42.7 27.4 82.0
134 32.8 13.2 39.5

