

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009830.D
 Acq On : 23 May 2019 02:28
 Operator : JC/SP
 Sample : K2976-09 50X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)

Quant Time: May 23 08:50:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

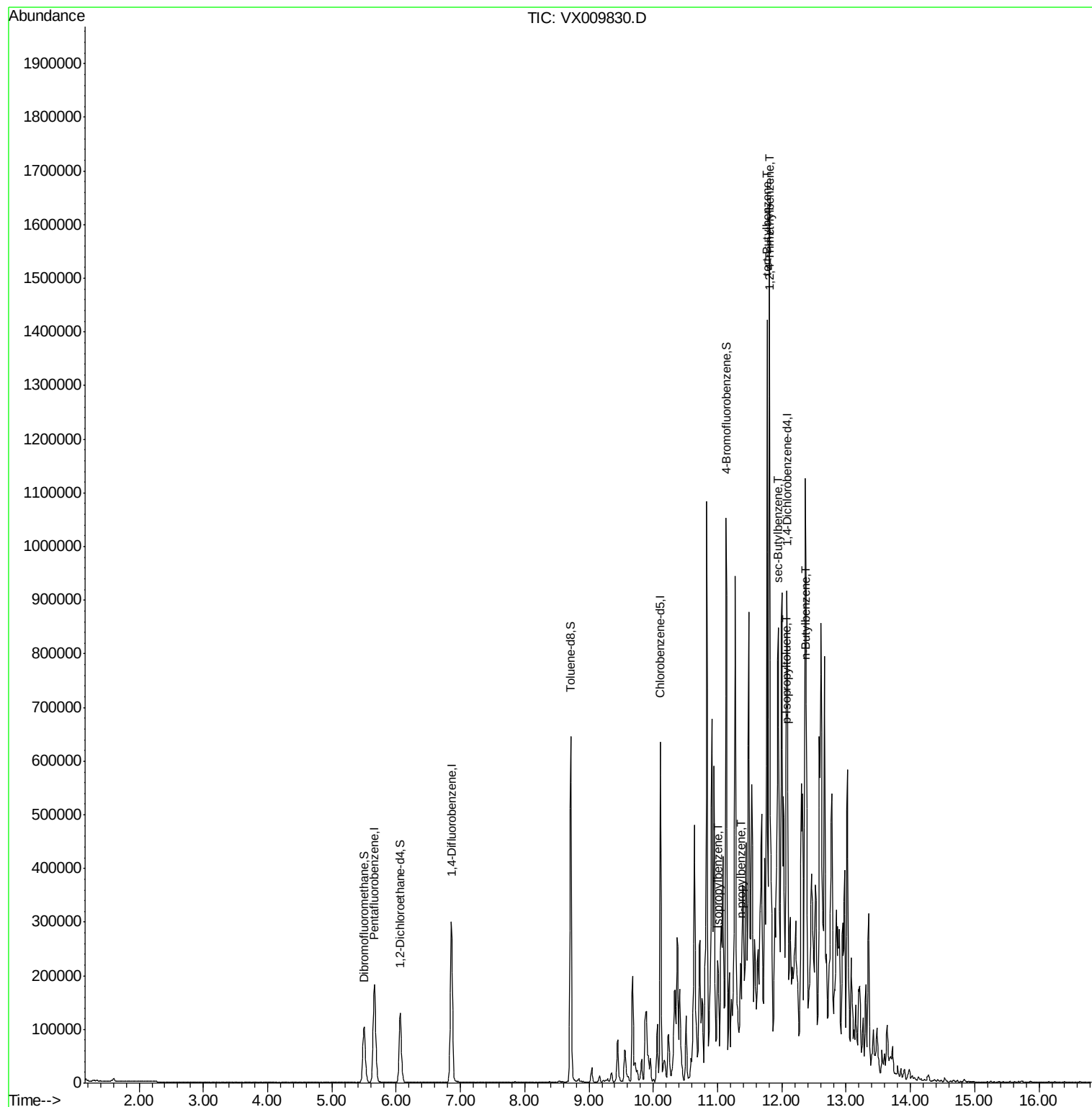
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123620	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	88720	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	373030	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	143769	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
73) Isopropylbenzene	11.02	105	27030	2.736	ug/l	99
78) n-propylbenzene	11.36	91	87513	7.757	ug/l	99
83) tert-Butylbenzene	11.77	119	19682	2.433	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	518456	62.101	ug/l	98
85) sec-Butylbenzene	11.94	105	139759	14.569	ug/l #	77
86) p-Isopropyltoluene	12.06	119	45914	5.324	ug/l	100
89) n-Butylbenzene	12.38	91	151921	19.491	ug/l #	68

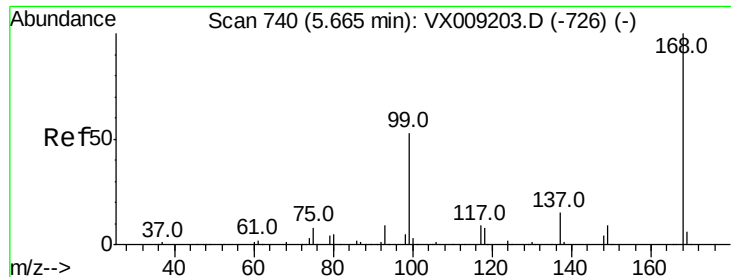
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009830.D
Acq On : 23 May 2019 02:28
Operator : JC/SP
Sample : K2976-09 50X
Misc : 6.03q/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)

Quant Time: May 23 08:50:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009830.D

Acq: 23 May 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

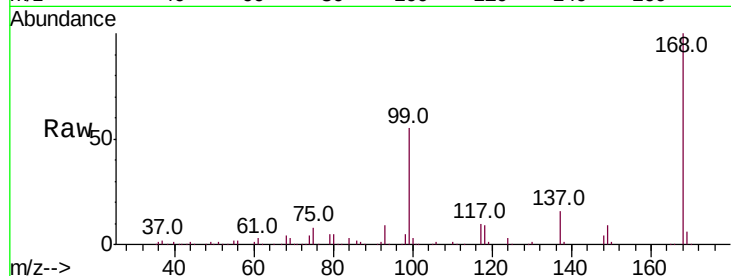
EP1-SB-MW-ER(14-17)

Tot Ion:168 Resp: 178225

Ion Ratio Lower Upper

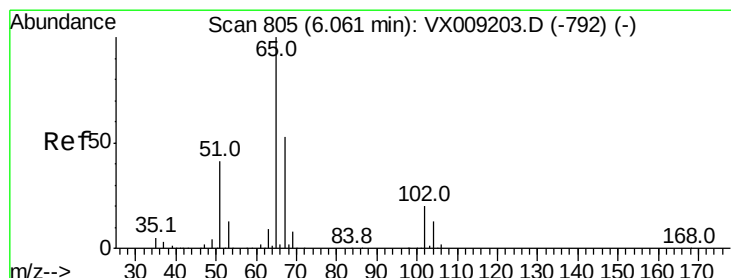
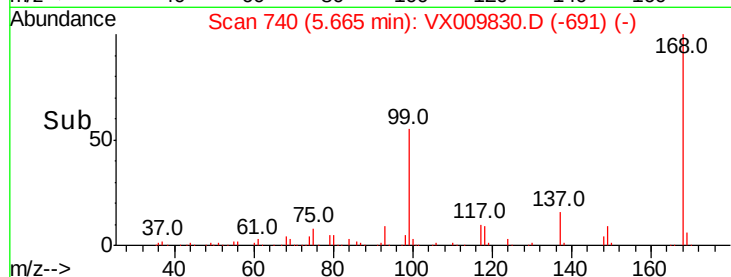
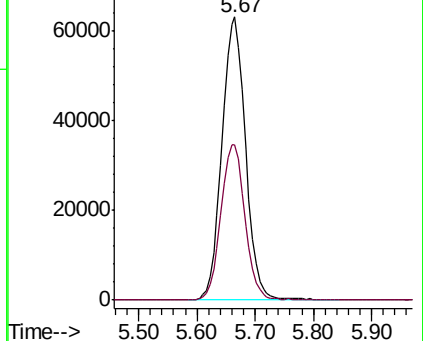
168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.810 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009830.D

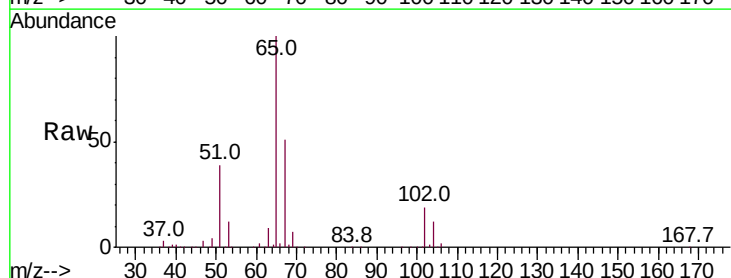
Acq: 23 May 2019 02:28

Tgt Ion: 65 Resp: 123620

Ion Ratio Lower Upper

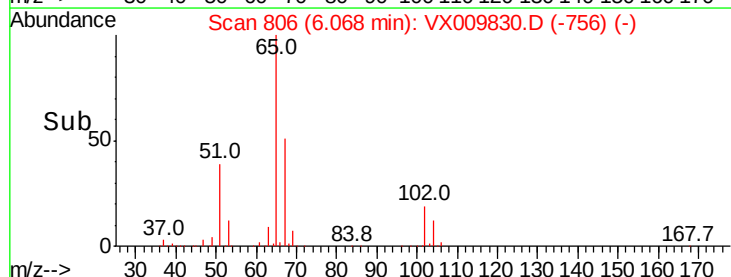
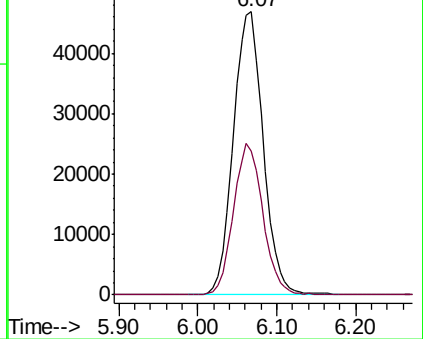
65 100

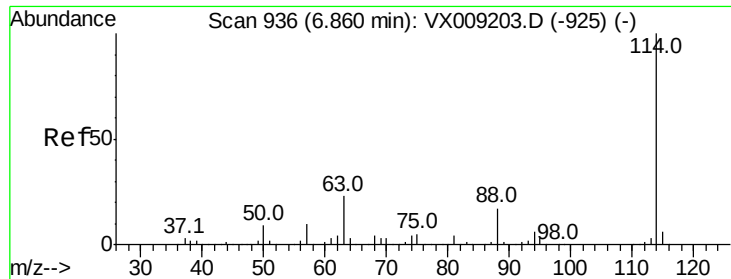
67 52.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

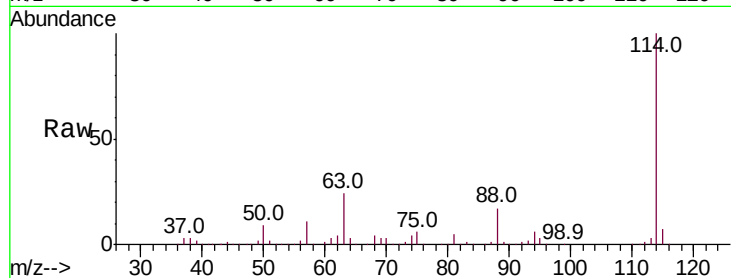




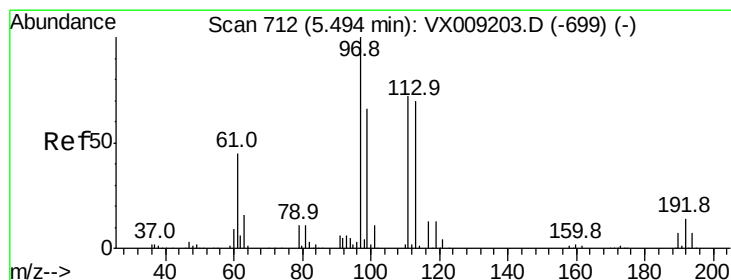
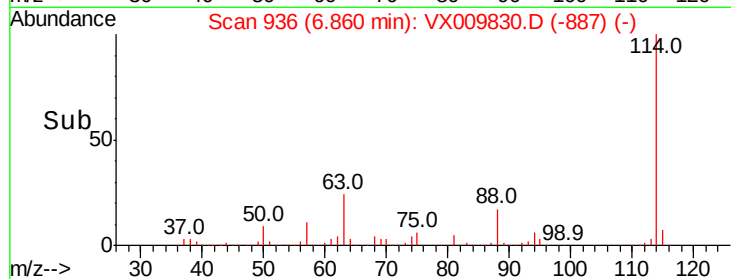
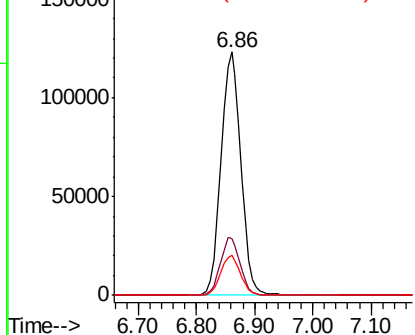
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009830.D
 Acq: 23 May 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.6
88	16.7	0.0	33.2

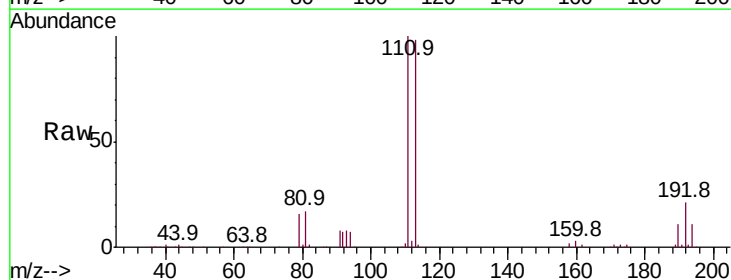


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

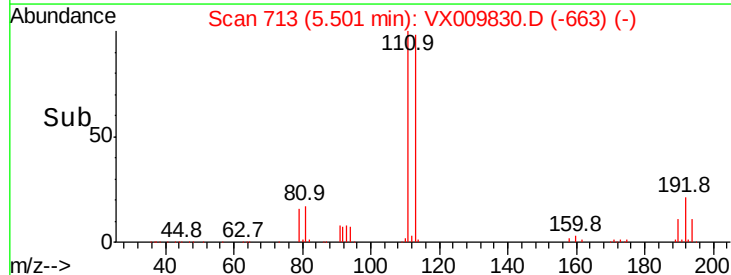
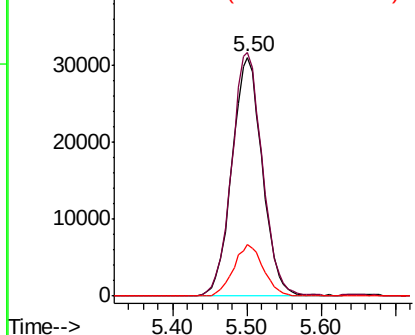


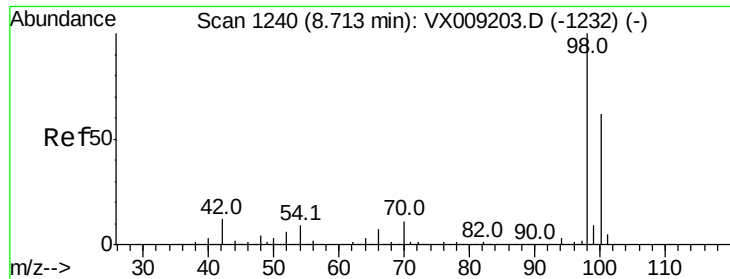
#35
 Dibromofluoromethane
 Concen: 48.391 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009830.D
 Acq: 23 May 2019 02:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	21.1	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

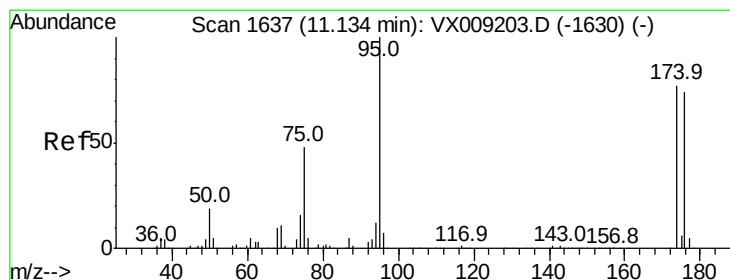
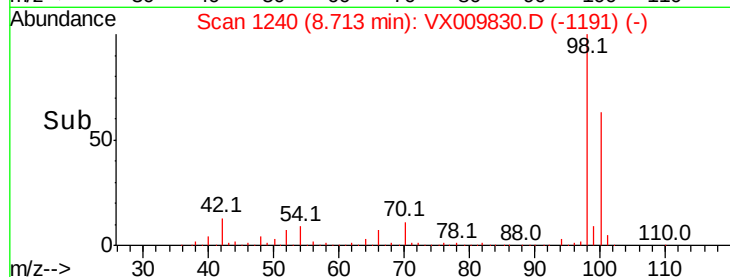
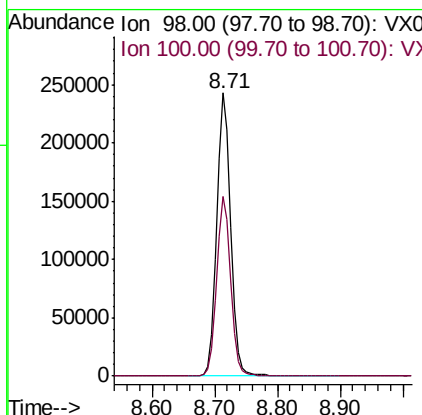
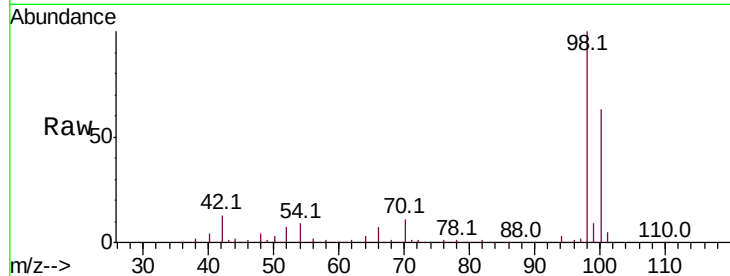




#50
Toluene-d8
Concen: 50.396 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009830.D
Acq: 23 May 2019 02:28

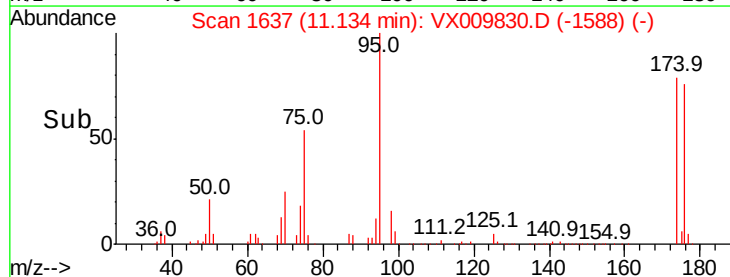
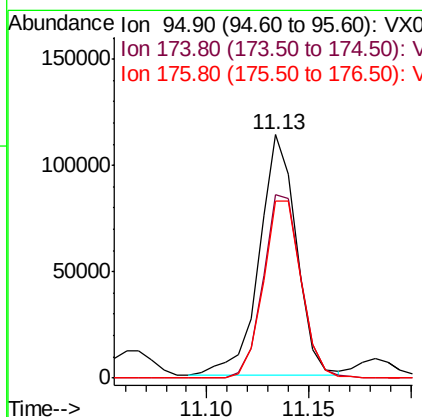
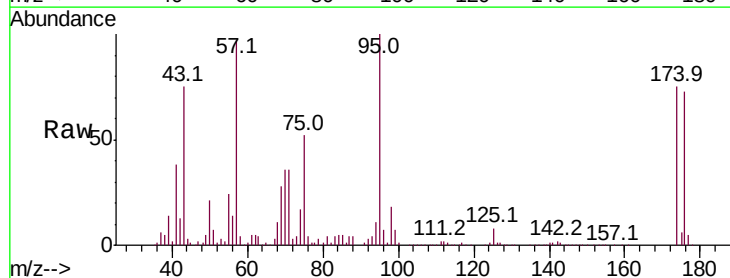
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)

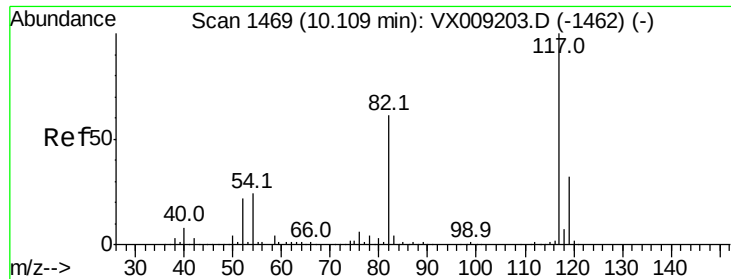
Tot Ion: 98 Resp: 373030
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 53.454 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009830.D
Acq: 23 May 2019 02:28

Tgt Ion: 95 Resp: 143769
Ion Ratio Lower Upper
95 100
174 77.7 0.0 161.6
176 75.4 0.0 159.2

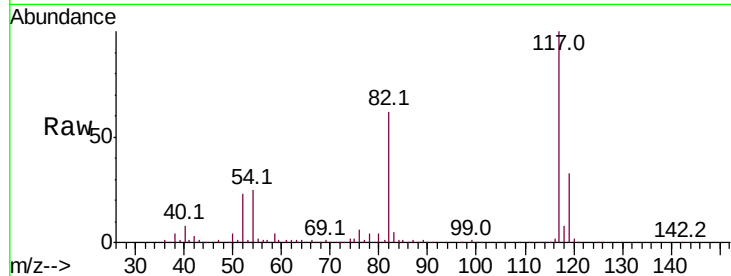




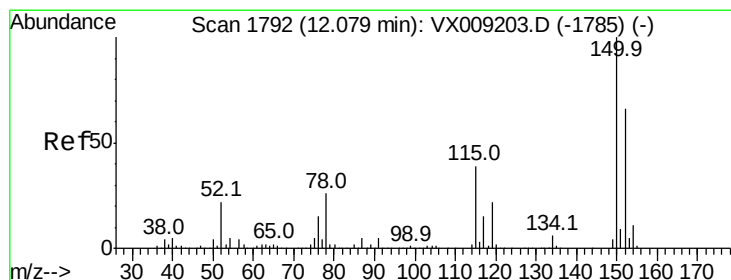
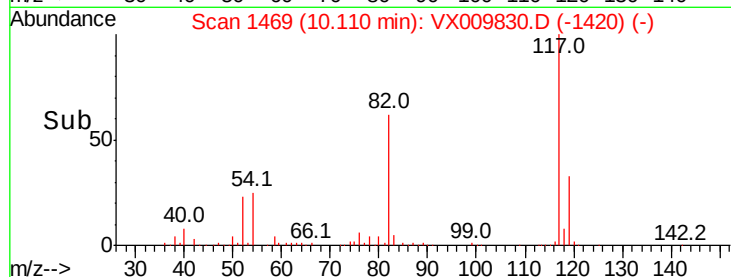
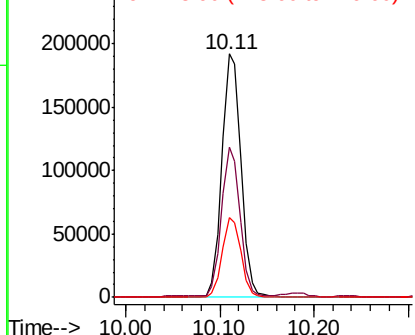
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009830.D
Acq: 23 May 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)

Tot Ion:117 Resp: 271027
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 32.8 25.8 38.6

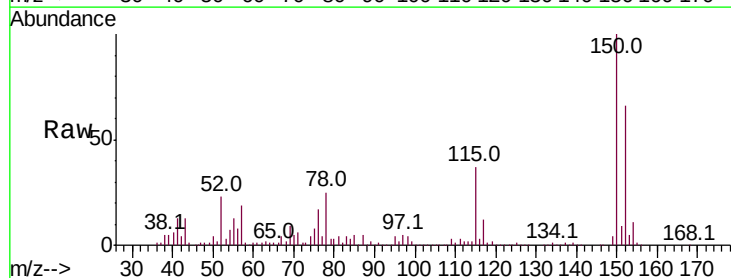


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

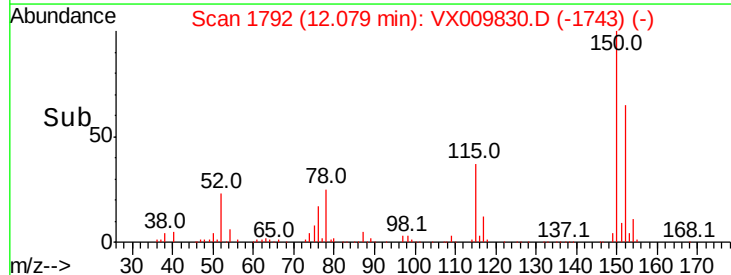
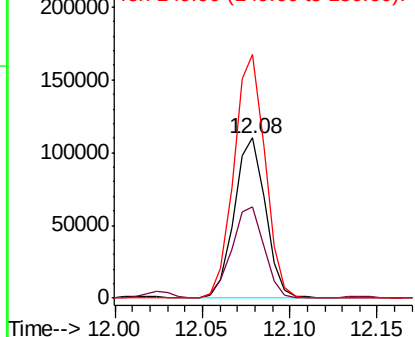


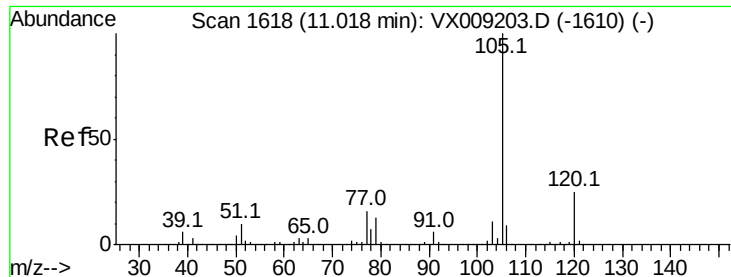
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009830.D
Acq: 23 May 2019 02:28

Tgt Ion:152 Resp: 135840
Ion Ratio Lower Upper
152 100
115 59.6 41.2 123.6
150 153.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.736 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009830.D

Acq: 23 May 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

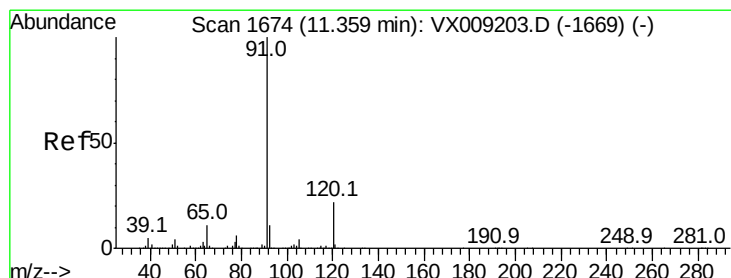
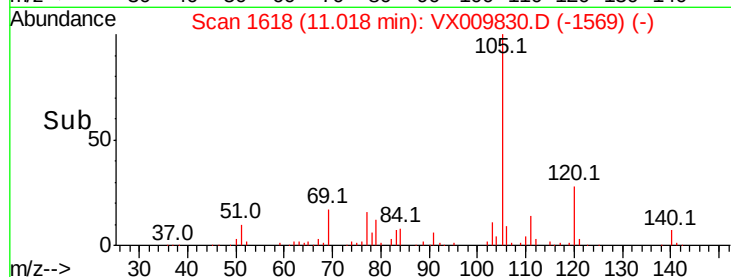
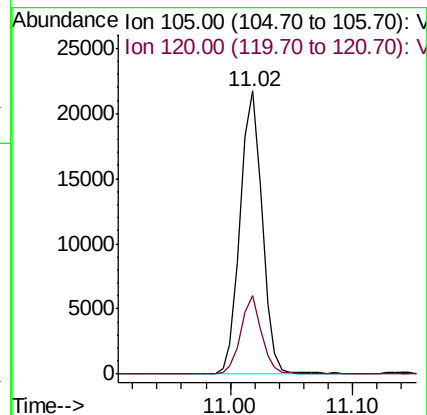
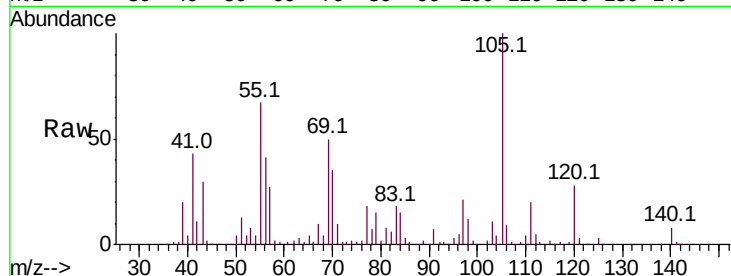
EP1-SB-MW-ER(14-17)

Tot Ion:105 Resp: 27030

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#78

n-propylbenzene

Concen: 7.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009830.D

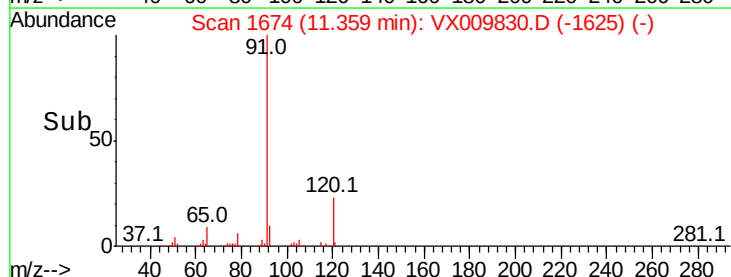
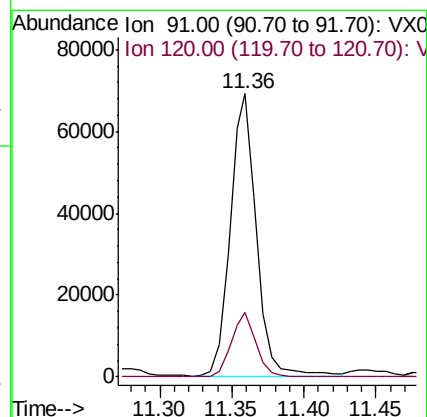
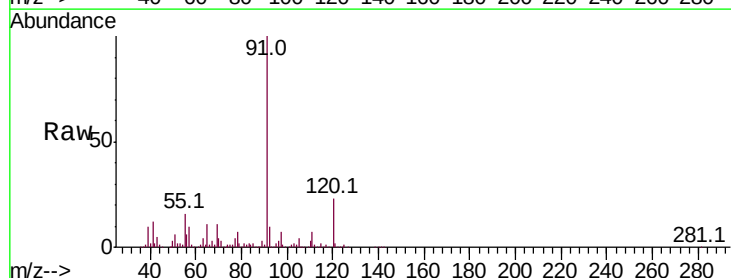
Acq: 23 May 2019 02:28

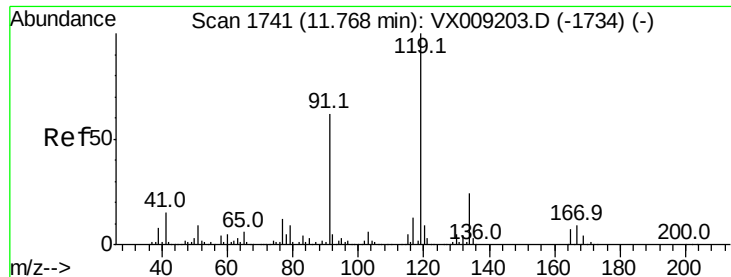
Tgt Ion: 91 Resp: 87513

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





#83

tert-Butylbenzene

Concen: 2.433 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009830.D

Acq: 23 May 2019 02:28

Instrument :

MSVOA_X

ClientSampled :

EP1-SB-MW-ER(14-17)

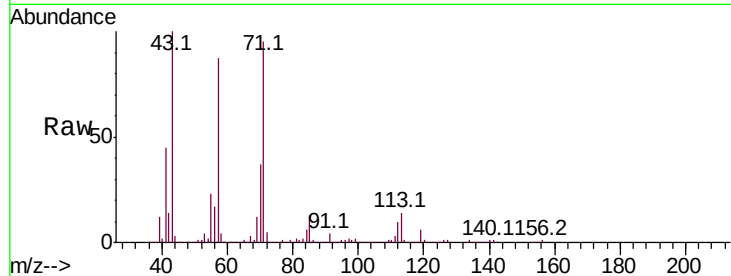
Tot Ion:119 Resp: 19682

Ion Ratio Lower Upper

119 100

91 65.3 29.5 88.5

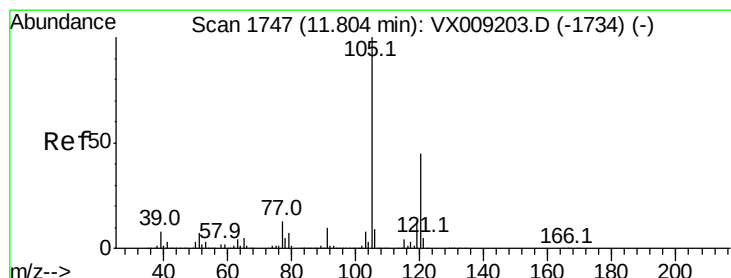
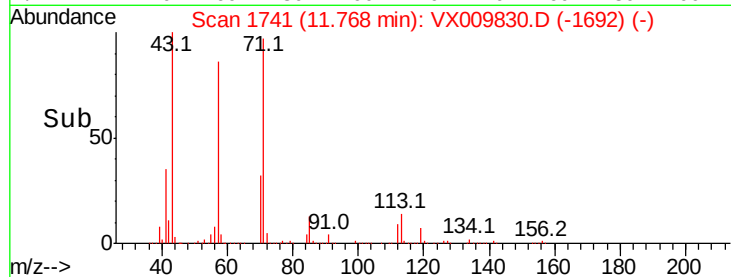
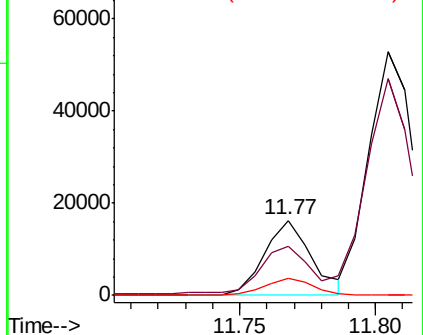
134 23.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 62.101 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009830.D

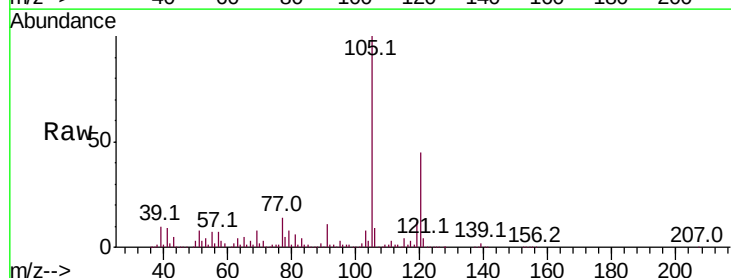
Acq: 23 May 2019 02:28

Tgt Ion:105 Resp: 518456

Ion Ratio Lower Upper

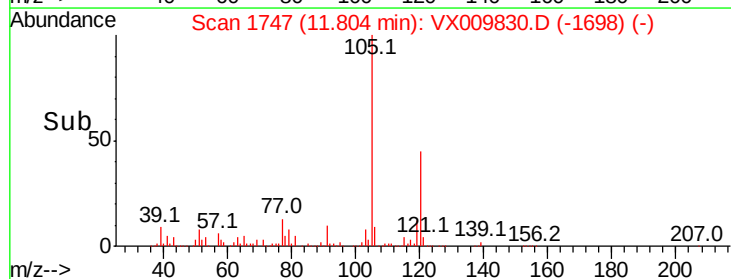
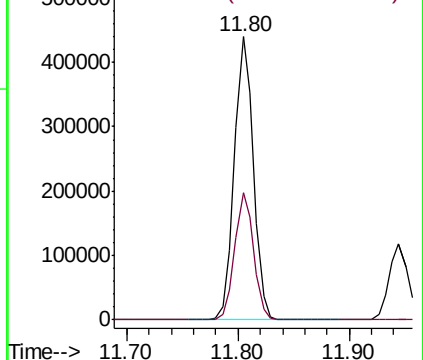
105 100

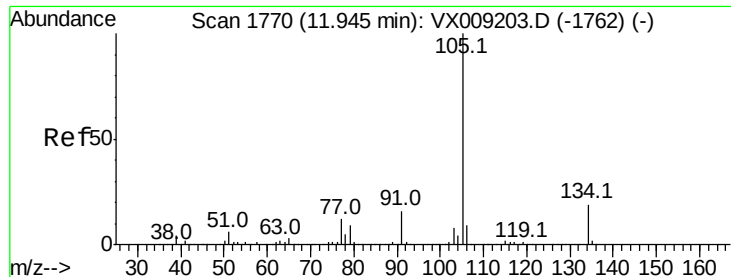
120 45.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

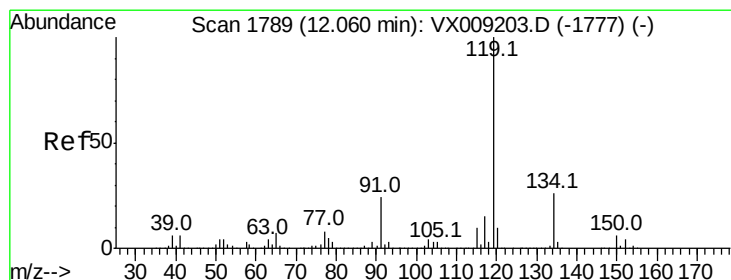
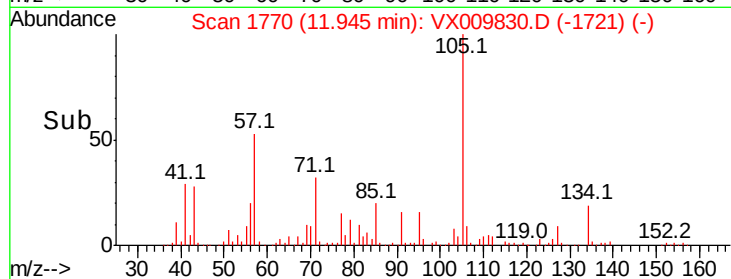
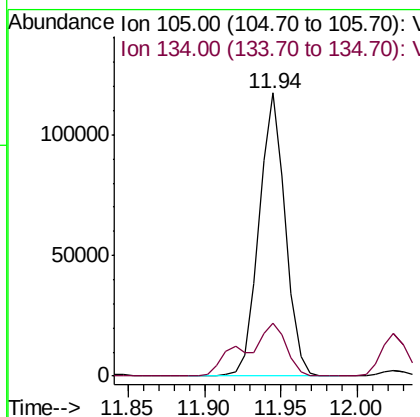
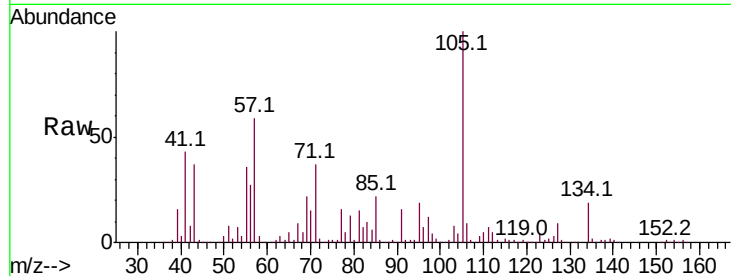




#85
 sec-Butylbenzene
 Concen: 14.569 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009830.D
 Acq: 23 May 2019 02:28

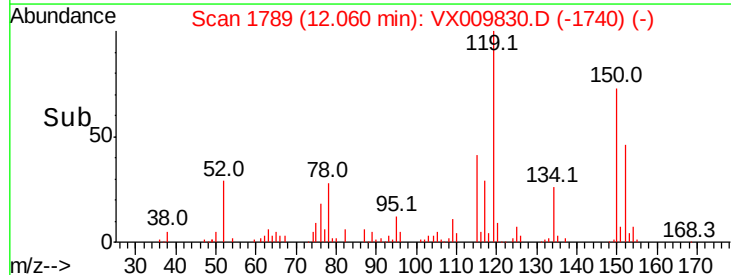
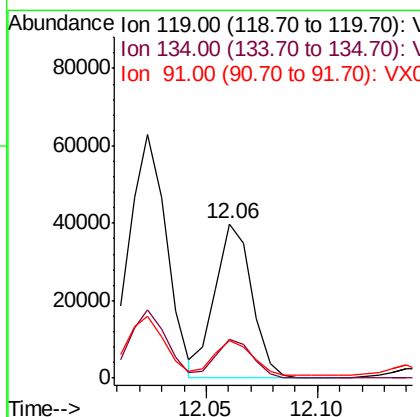
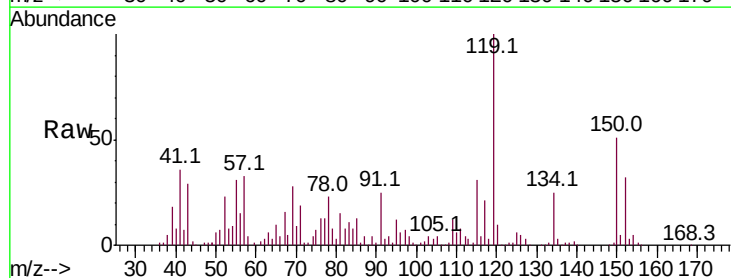
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)

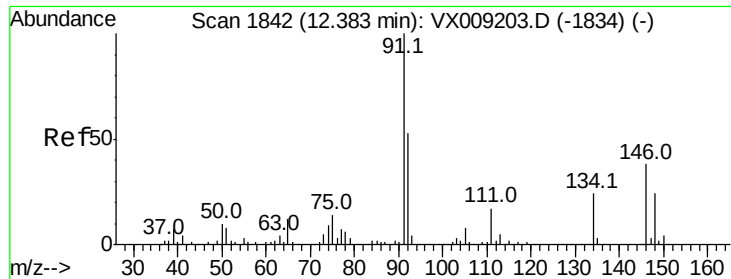
Tot Ion:105 Resp: 139759
 Ion Ratio Lower Upper
 105 100
 134 29.8 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 5.324 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009830.D
 Acq: 23 May 2019 02:28

Tgt Ion:119 Resp: 45914
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.7 11.8 35.4





#89

n-Butylbenzene

Concen: 19.491 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009830.D

Acq: 23 May 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)

Tot Ion: 91 Resp: 151921

Ion Ratio Lower Upper

91 100

92 43.7 26.5 79.5

134 60.6 12.4 37.2#

