

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX022719\
 Data File : VX007738.D
 Acq On : 27 Feb 2019 17:11
 Operator : JC/SP
 Sample : K1638-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1D(BASE-OF-TANK)

Quant Time: Mar 06 04:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	484171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	458242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	188141	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.22%		
35) Dibromofluoromethane	5.51	113	158631	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.02%		
50) Toluene-d8	8.71	98	593766	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.84%		
62) 4-Bromofluorobenzene	11.13	95	212609	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.50%		

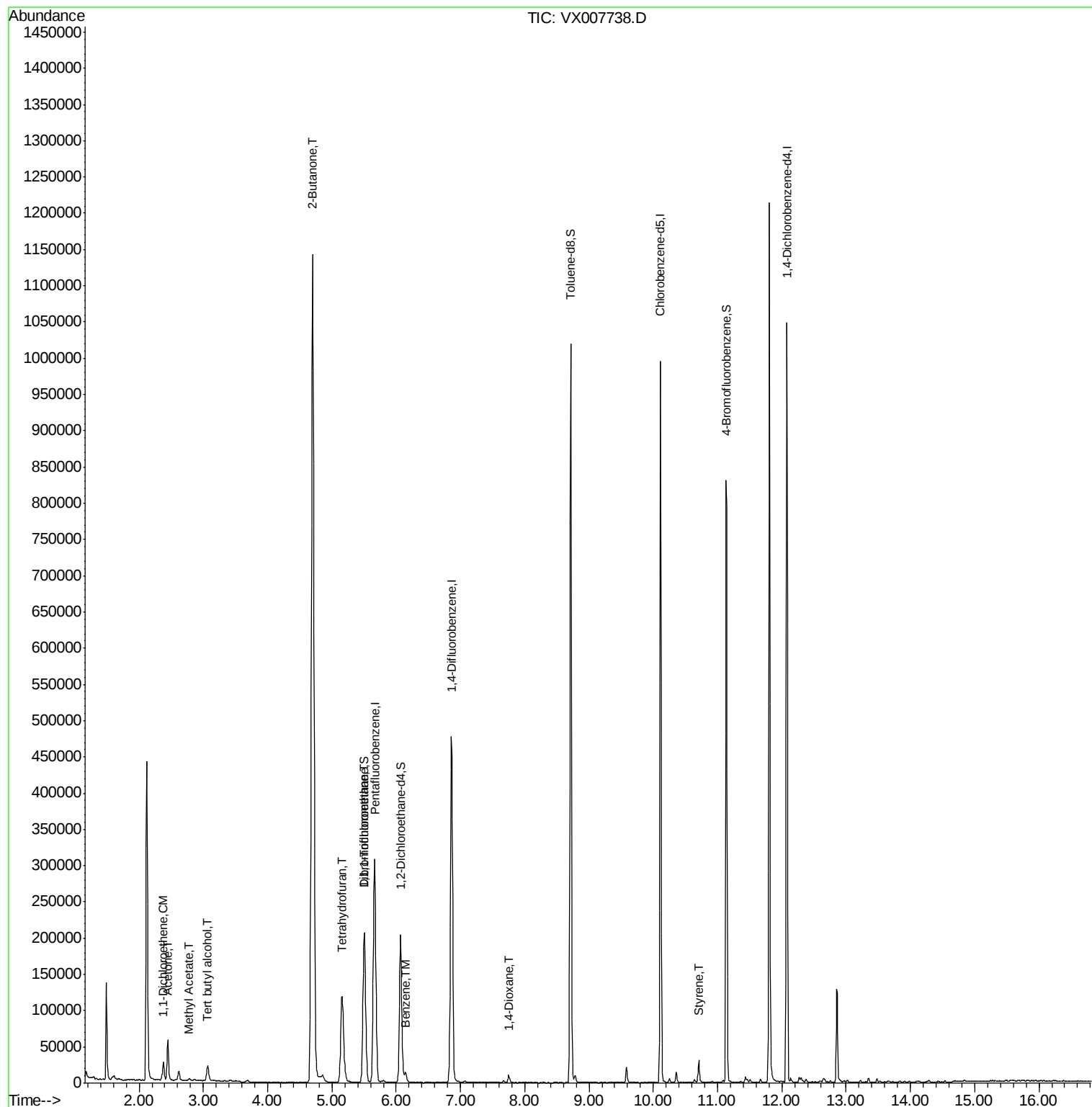
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	25058	33.773	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	8497	3.077	ug/l	90
16) Acetone	2.45	43	58948	33.898	ug/l	100
18) Methyl Acetate	2.78	43	2984	0.786	ug/l	93
25) 2-Butanone	4.70	43	2056255	776.265	ug/l	95
29) Tetrahydrofuran	5.16	42	102405	58.648	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	21410	4.184	ug/l	96
40) Benzene	6.14	78	15337	1.141	ug/l	100
49) 1,4-Dioxane	7.76	88	7309	86.751	ug/l	92
70) Styrene	10.71	104	11140	1.103	ug/l	94

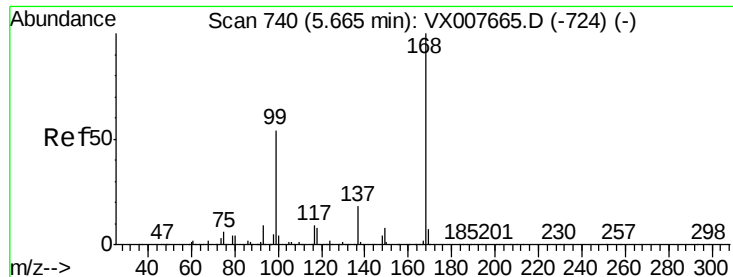
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 01:53:13 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: VX007738.D

Acq: 27 Feb 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

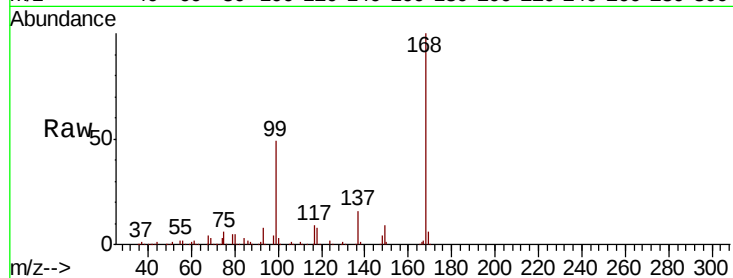
WS-1D(BASE-OF-TANK)

Tot Ion:168 Resp: 315693

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

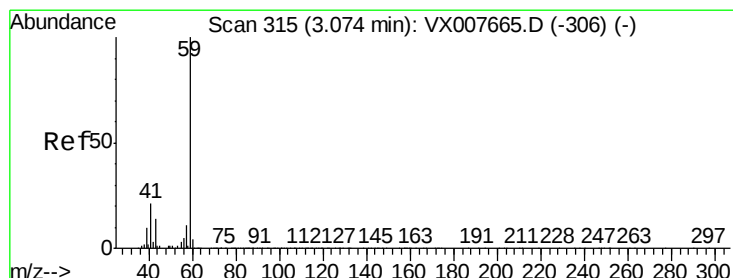
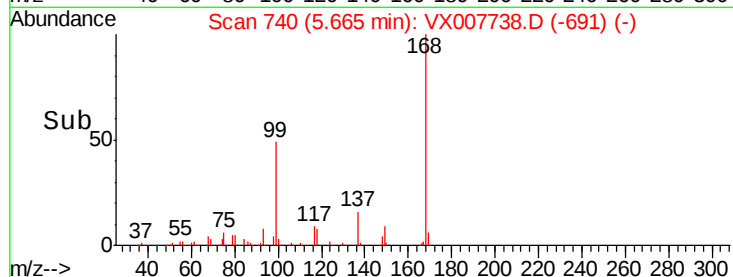
5.67

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 33.773 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007738.D

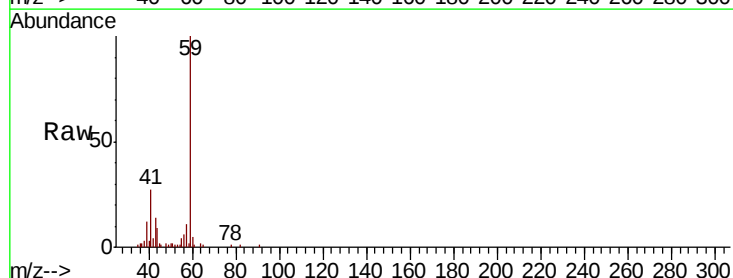
Acq: 27 Feb 2019 17:11

Tgt Ion: 59 Resp: 25058

Ion Ratio Lower Upper

59 100

57 12.3 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

12000

10000

8000

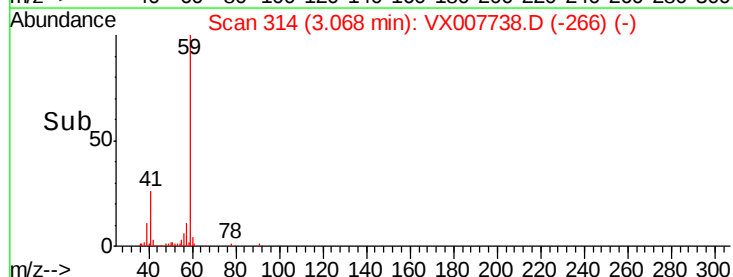
6000

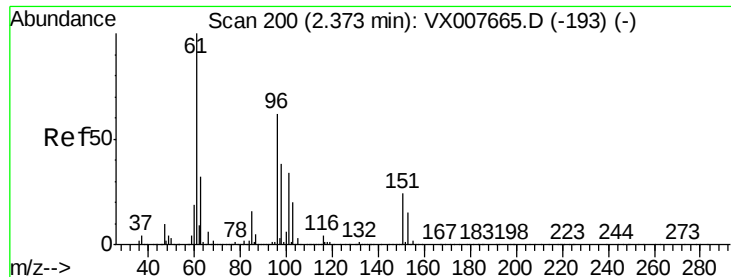
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 3.077 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007738.D

Acq: 27 Feb 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

WS-1D(BASE-OF-TANK)

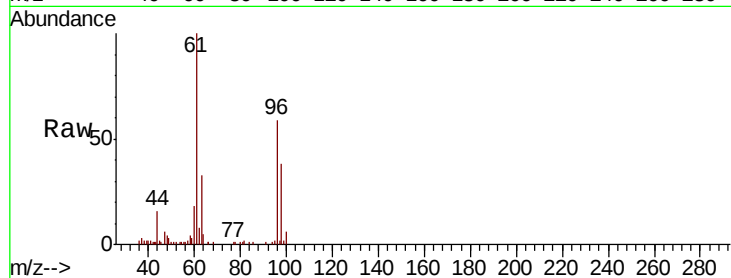
Tot Ion: 96 Resp: 8497

Ion Ratio Lower Upper

96 100

61 170.4 123.0 184.4

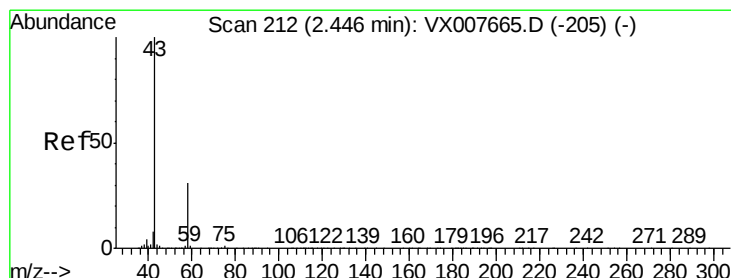
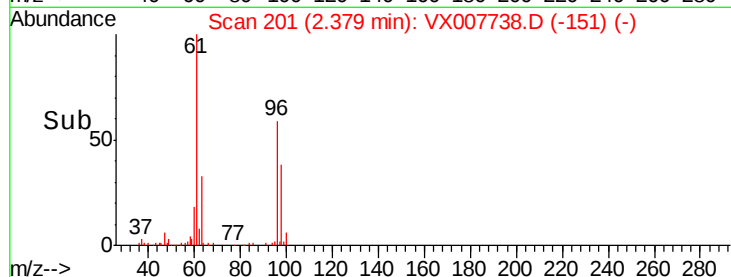
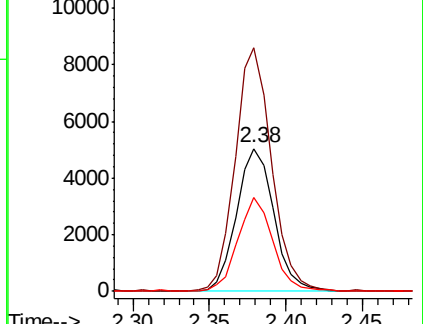
98 65.5 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 33.898 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007738.D

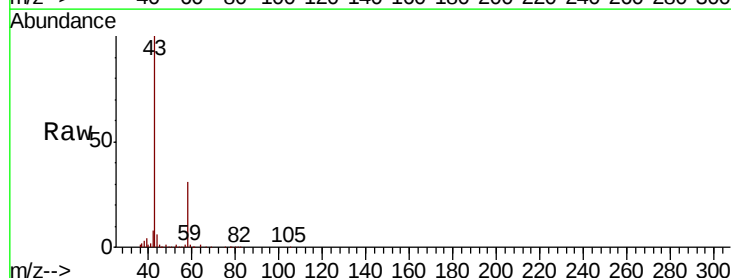
Acq: 27 Feb 2019 17:11

Tgt Ion: 43 Resp: 58948

Ion Ratio Lower Upper

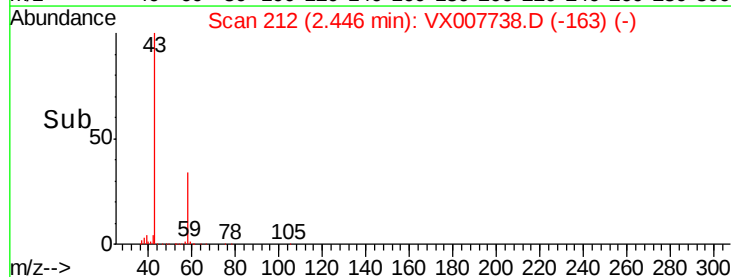
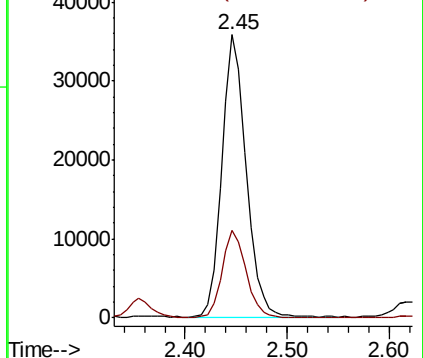
43 100

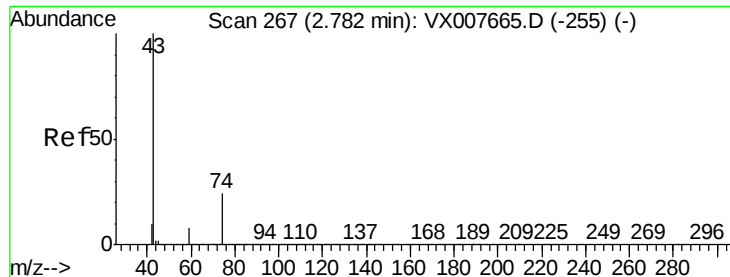
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

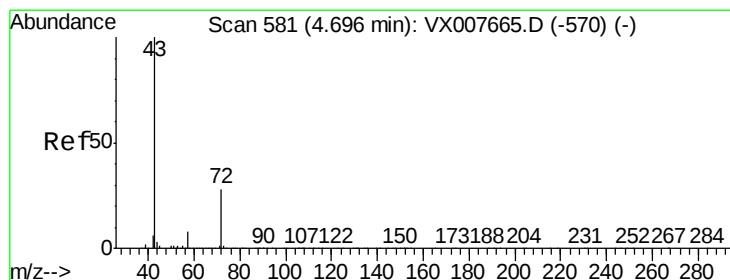
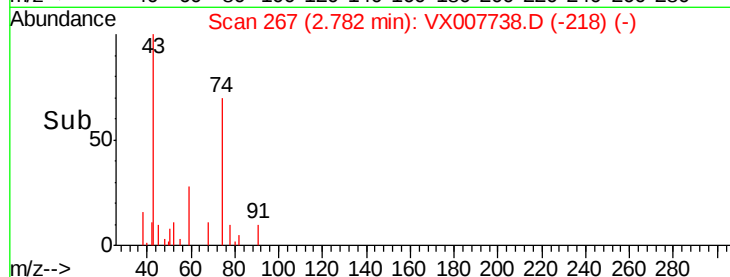
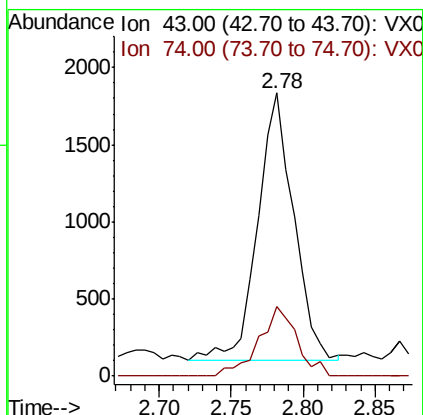
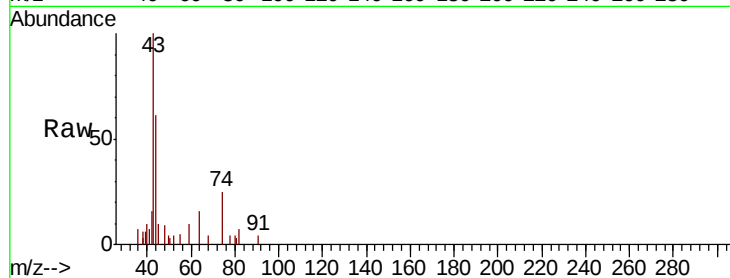




#18
Methvl Acetate
Concen: 0.786 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

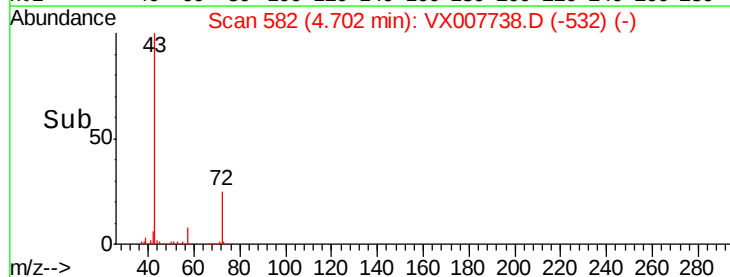
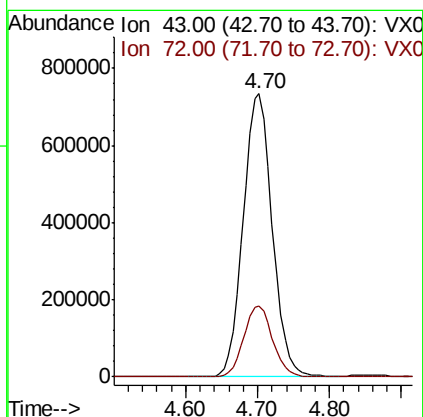
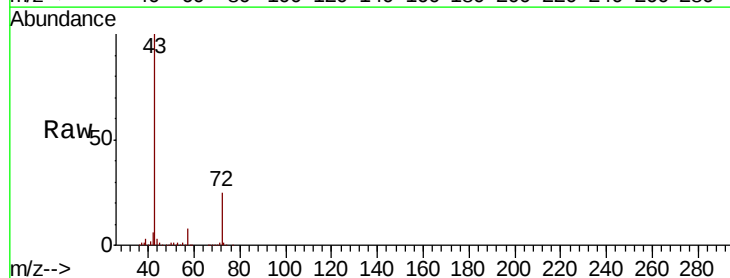
Instrument :
MSVOA_X
ClientSampleId :
WS-1D(BASE-OF-TANK)

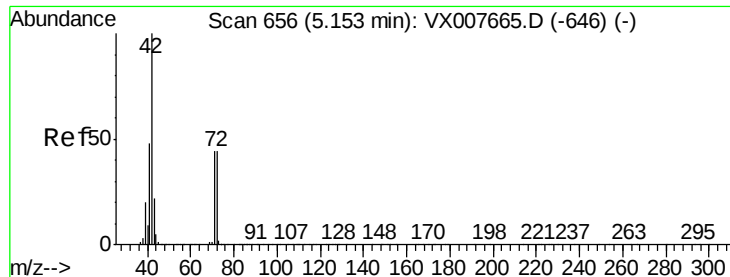
Tot Ion: 43 Resp: 2984
Ion Ratio Lower Upper
43 100
74 27.7 19.4 29.2



#25
2-Butanone
Concen: 776.265 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

Tgt Ion: 43 Resp: 2056255
Ion Ratio Lower Upper
43 100
72 25.0 22.2 33.2





#29

Tetrahydrofuran

Concen: 58.648 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007738.D

Acq: 27 Feb 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

WS-1D(BASE-OF-TANK)

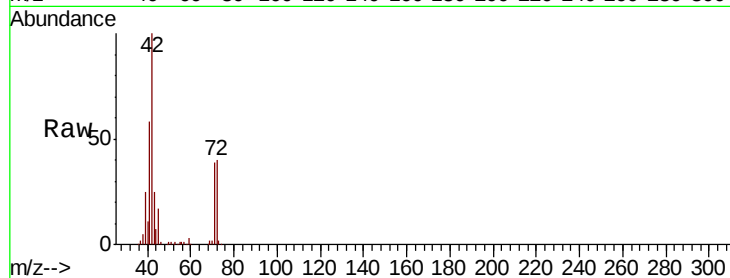
Tot Ion: 42 Resp: 102405

Ion Ratio Lower Upper

42 100

72 42.0 37.6 56.4

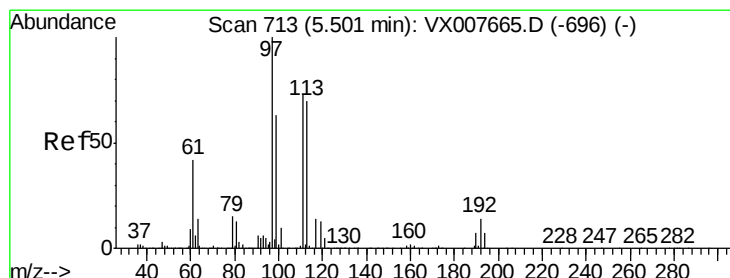
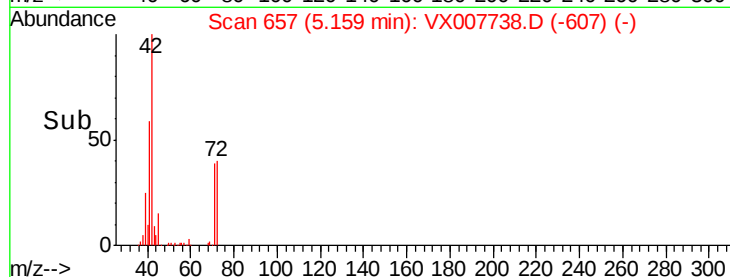
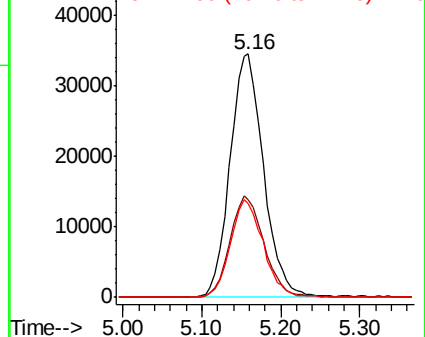
71 39.3 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.184 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007738.D

Acq: 27 Feb 2019 17:11

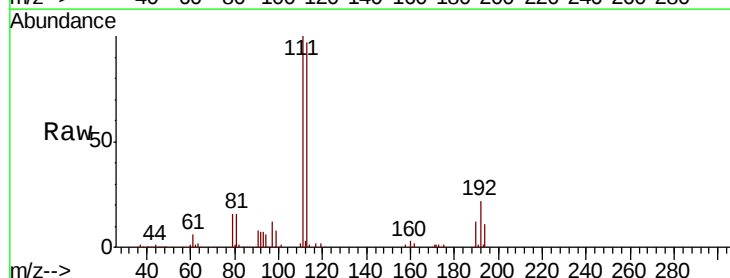
Tgt Ion: 97 Resp: 21410

Ion Ratio Lower Upper

97 100

99 65.4 52.2 78.2

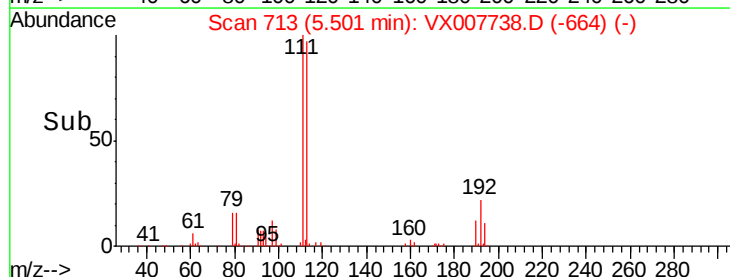
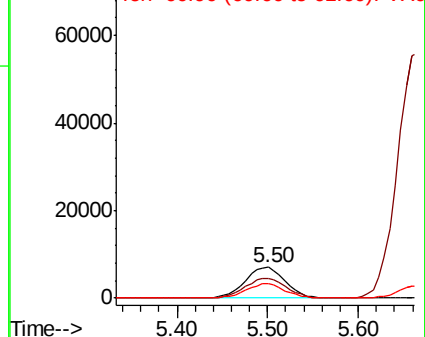
61 46.9 32.7 49.1

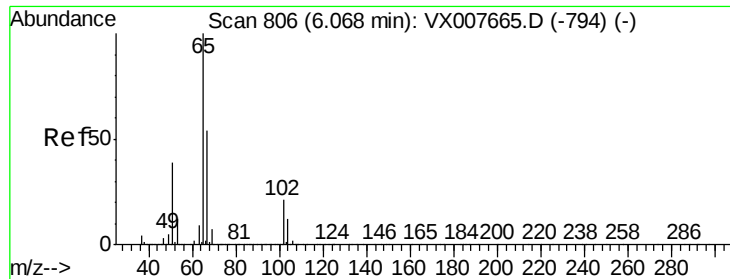


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

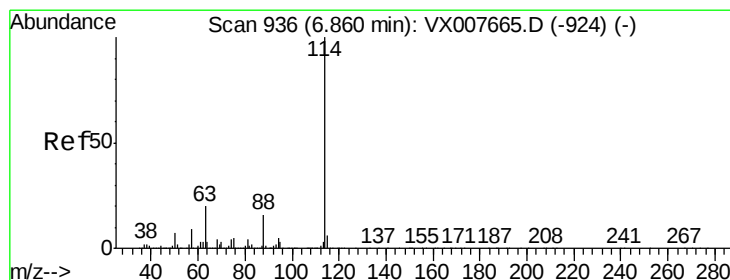
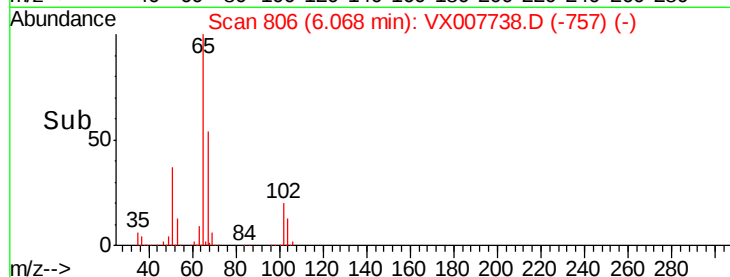
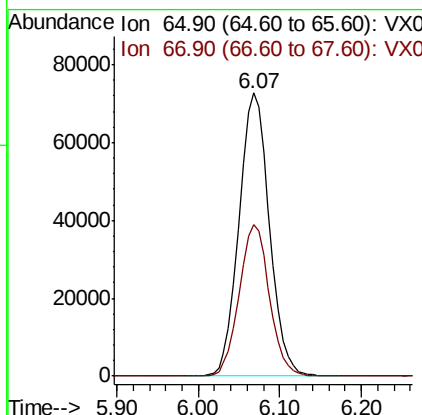
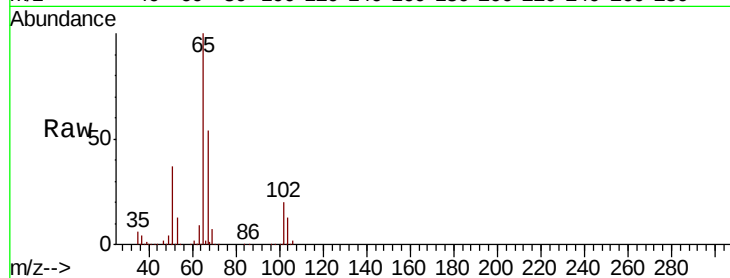




#33
 1,2-Dichloroethane-d4
 Concen: 48.113 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007738.D
 Acq: 27 Feb 2019 17:11

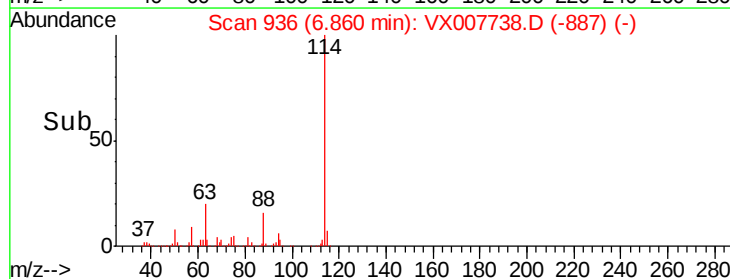
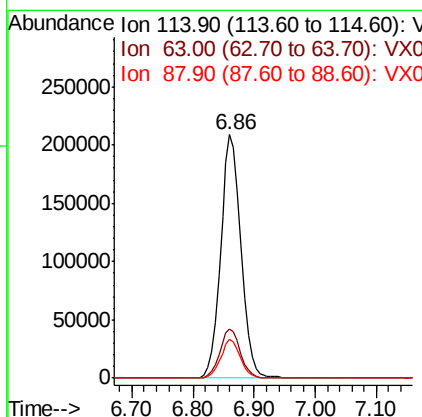
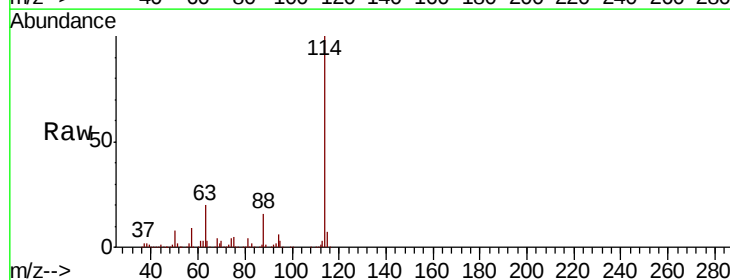
Instrument :
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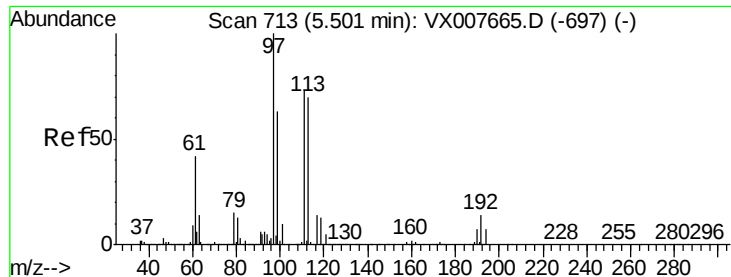
Tot Ion: 65 Resp: 188141
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007738.D
 Acq: 27 Feb 2019 17:11

Tgt Ion: 114 Resp: 484171
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 35.6
 88 15.7 0.0 29.6

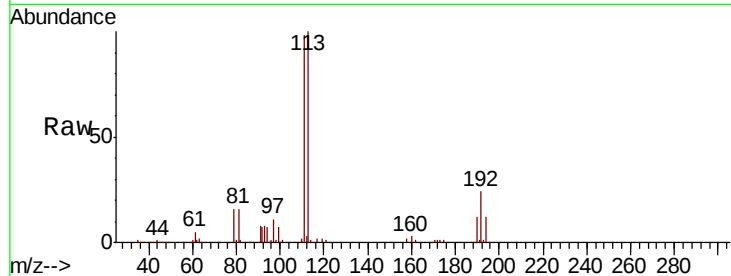




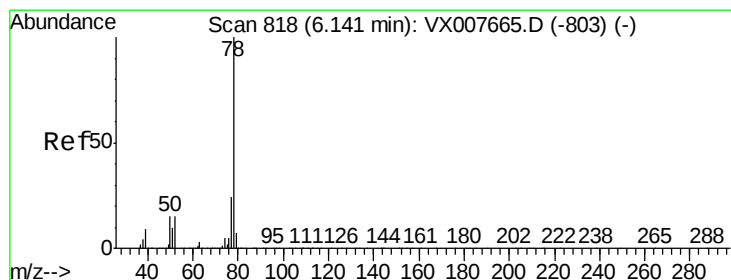
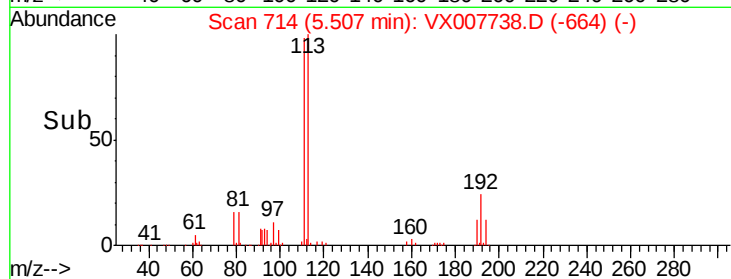
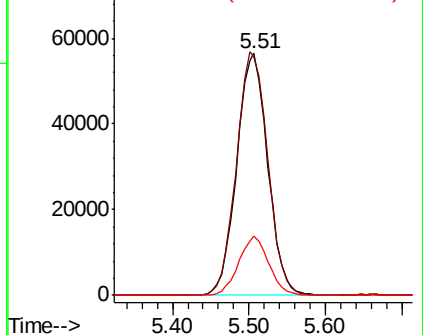
#35
 Dibromofluoromethane
 Concen: 49.013 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007738.D
 Acq: 27 Feb 2019 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	23.6	18.5	27.7

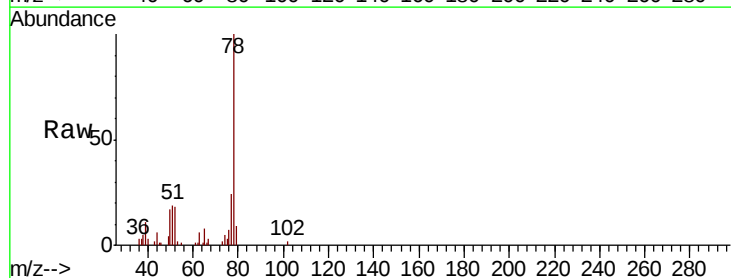


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

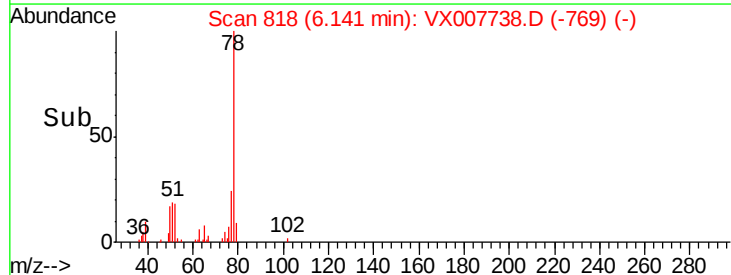
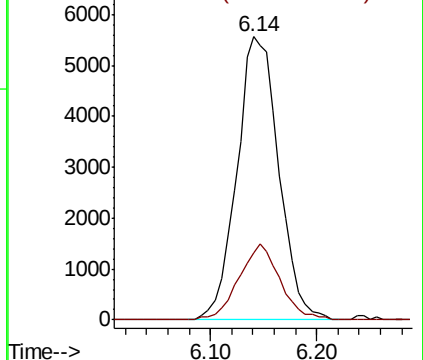


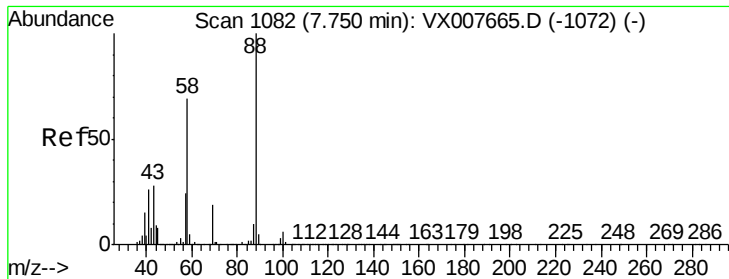
#40
 Benzene
 Concen: 1.141 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX007738.D
 Acq: 27 Feb 2019 17:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0

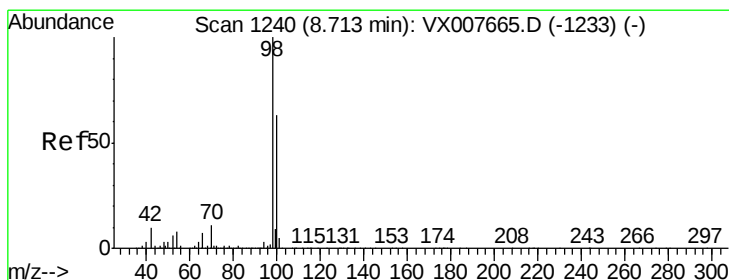
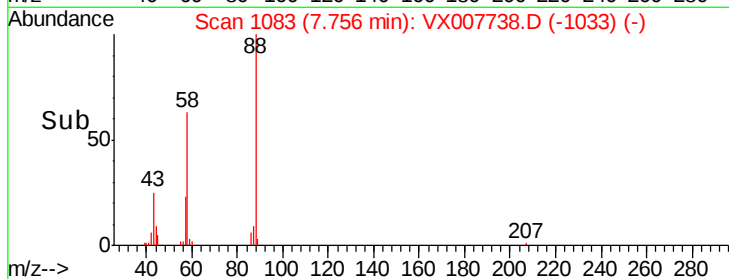
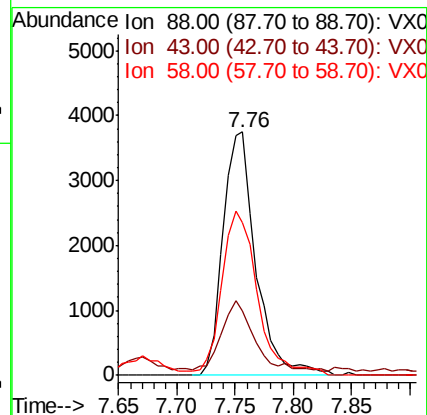
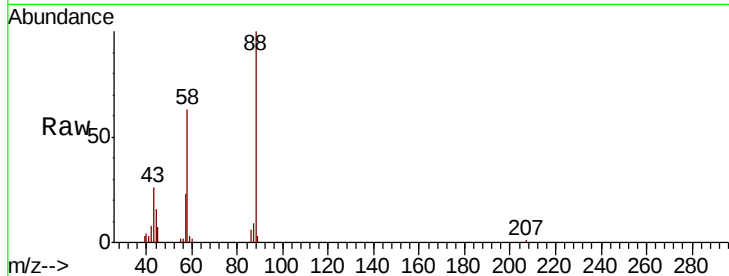




#49
1,4-Dioxane
Concen: 86.751 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

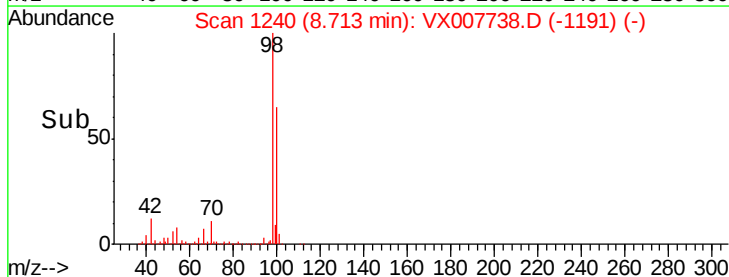
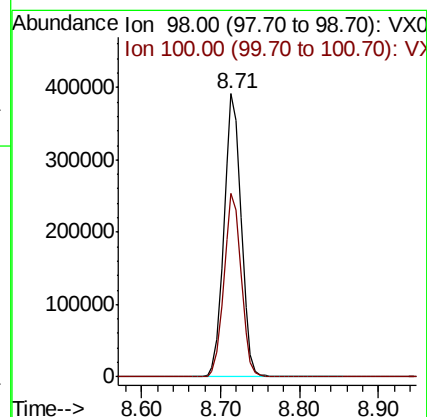
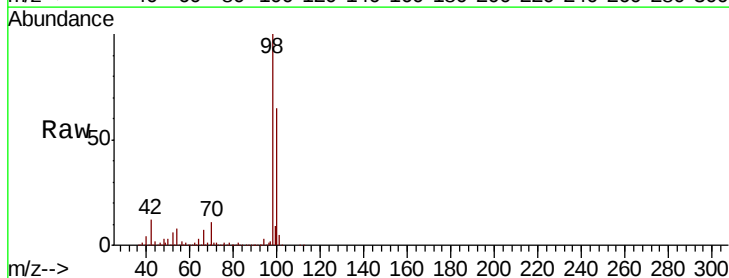
Instrument :
MSVOA_X
ClientSampleId :
WS-1D(BASE-OF-TANK)

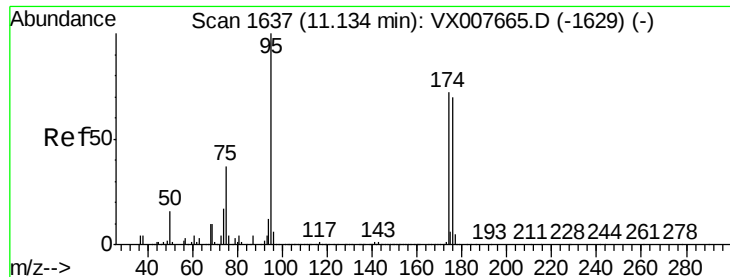
Tot Ion	88	Resp	7309
Ion	Ratio	Lower	Upper
88	100		
43	28.6	24.2	36.4
58	74.0	53.0	79.4



#50
Toluene-d8
Concen: 47.920 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

Tgt Ion	98	Resp	593766
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

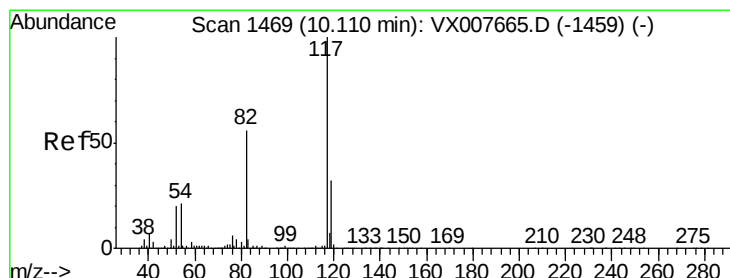
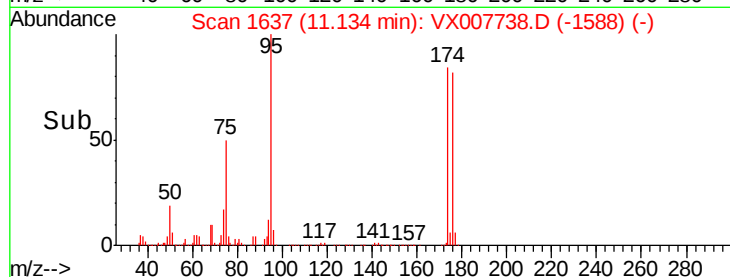
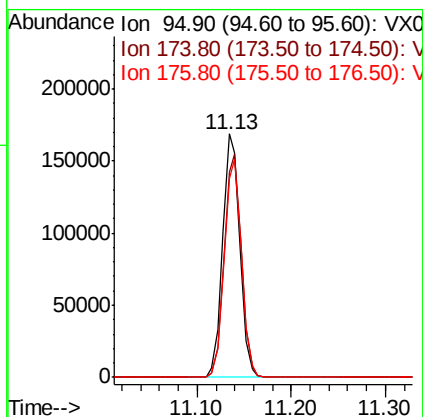
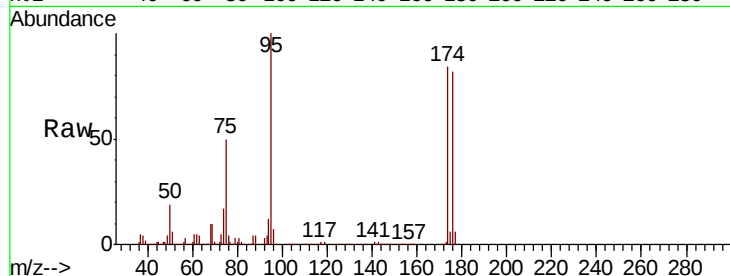




#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

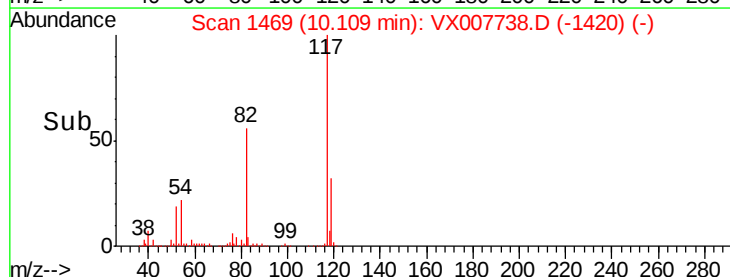
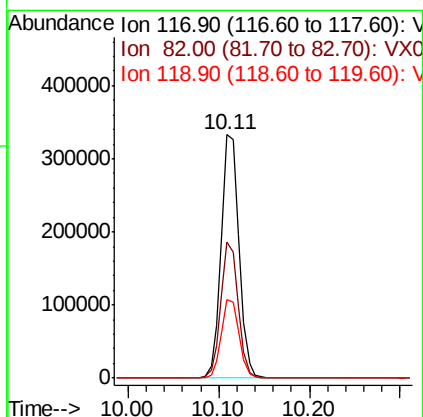
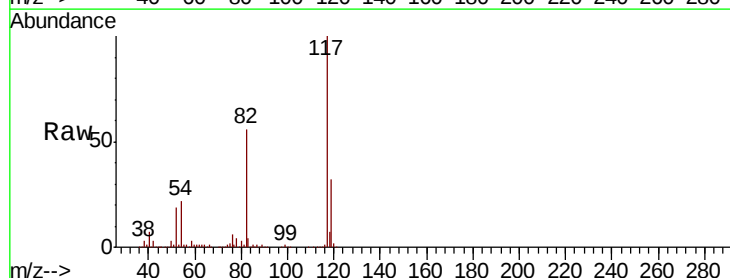
Instrument :
MSVOA_X
ClientSampleId :
WS-1D(BASE-OF-TANK)

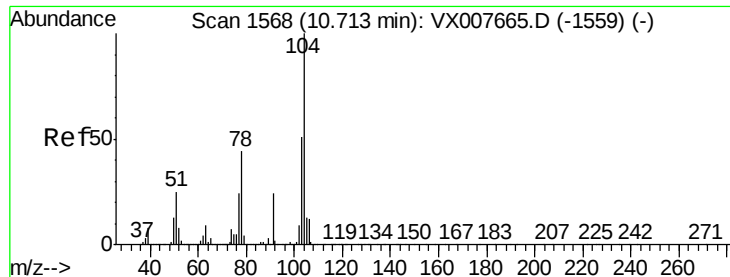
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	189.2
176	89.7	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.1	63.1
119	32.5	26.5	39.7

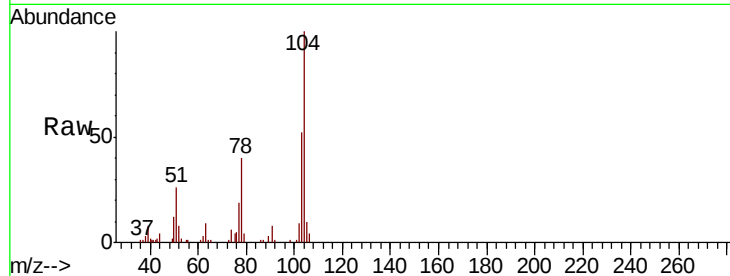




#70
Stvrene
Concen: 1.103 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007738.D
Acq: 27 Feb 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
WS-1D(BASE-OF-TANK)

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.2	38.3	57.5
103	50.5	44.6	67.0

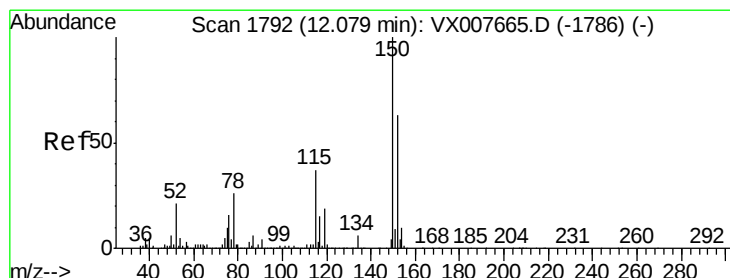
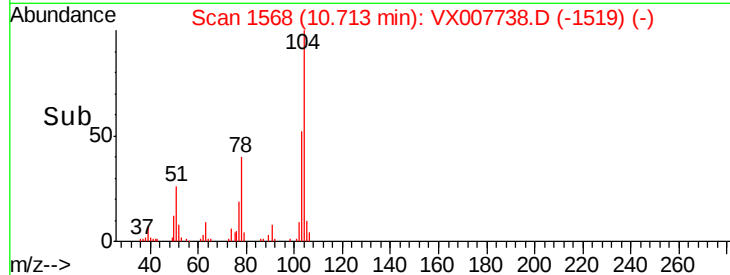
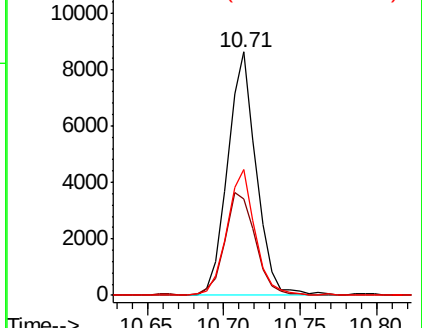


Abundance

Ion 104.00 (103.70 to 104.70): V

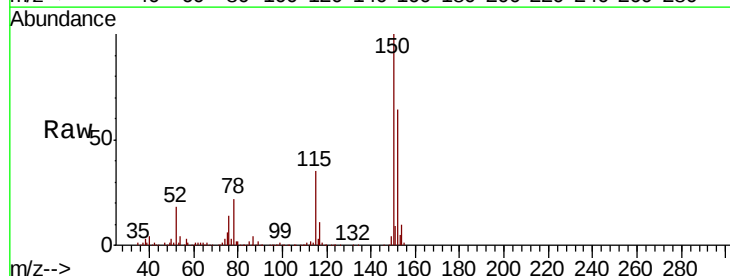
Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX007738.D
Acq: 27 Feb 2019 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.0	114.0
150	155.9	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

