

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005385.D
 Acq On : 17 Oct 2018 11:18
 Operator : JC/MD
 Sample : J5538-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TKDSLUDGE

Quant Time: Oct 17 17:23:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180698	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	158217	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	5.50	113	129655	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	472466	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	160940	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	

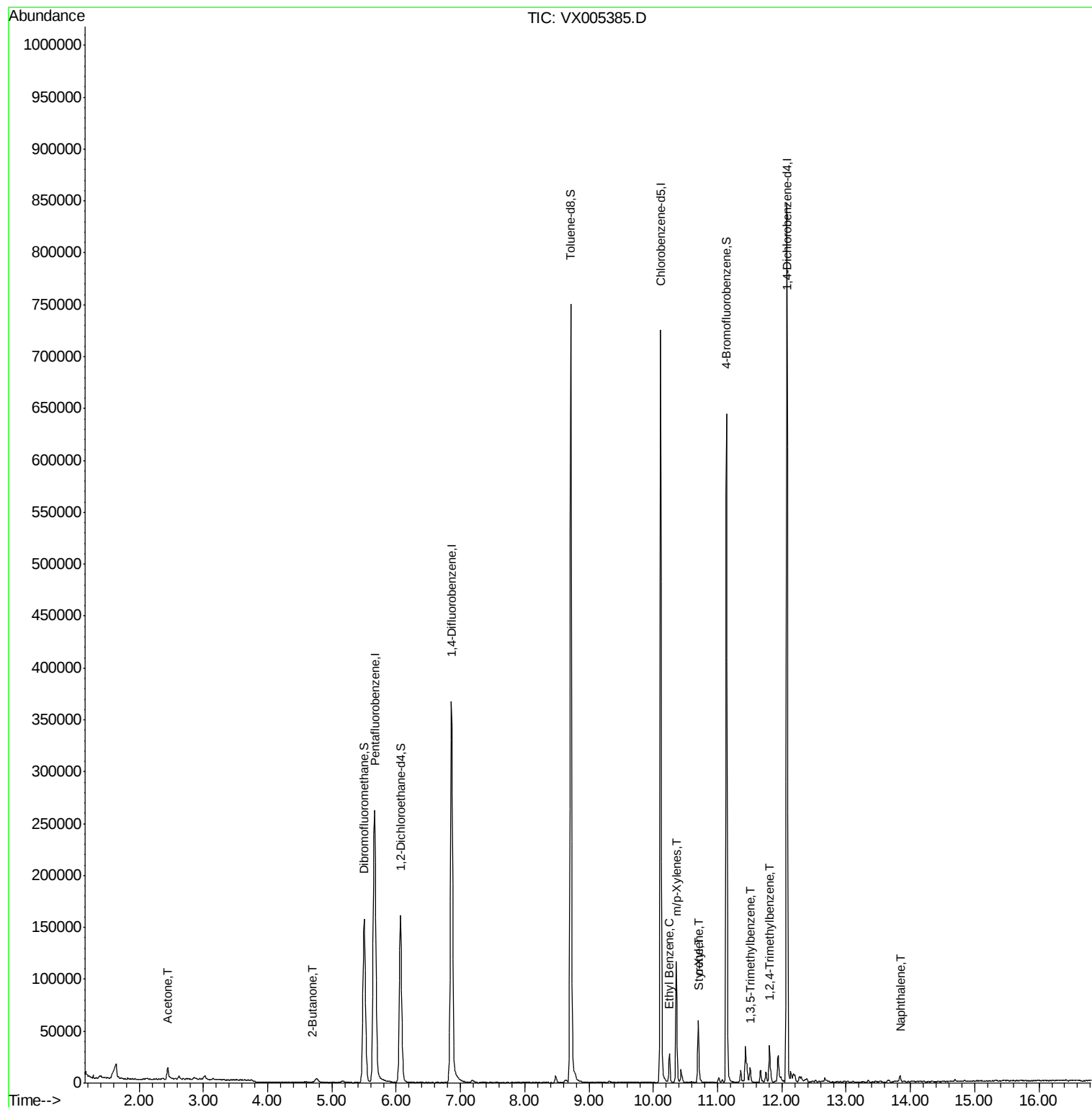
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12311	6.57	ug/l	98
25) 2-Butanone	4.70	43	1587	0.58	ug/l	93
67) Ethyl Benzene	10.25	91	15923	1.30	ug/l	99
68) m/p-Xylenes	10.36	106	28590	6.02	ug/l	98
69) o-Xylene	10.70	106	12237	2.67	ug/l	95
70) Styrene	10.71	104	5585	0.74	ug/l #	73
80) 1,3,5-Trimethylbenzene	11.51	105	5610	0.61	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	15343	1.62	ug/l	97
95) Naphthalene	13.83	128	3260	0.26	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

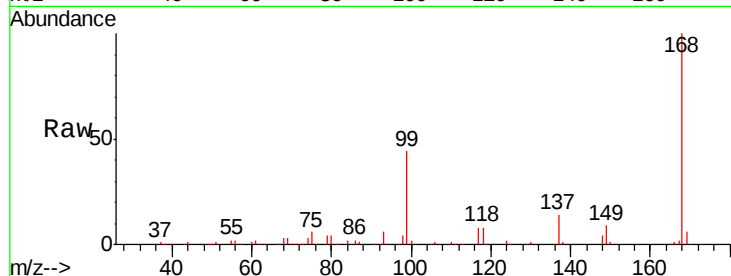
TKDSLUDGE

Tgt Ion:168 Resp: 292102

Ion Ratio Lower Upper

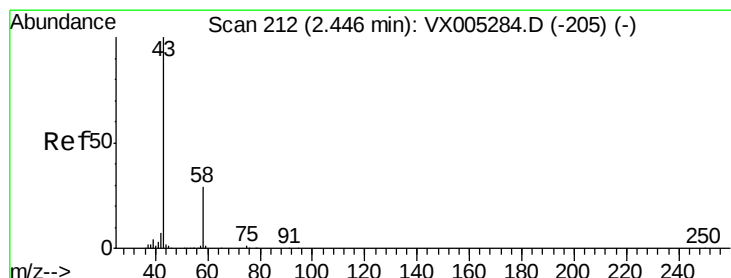
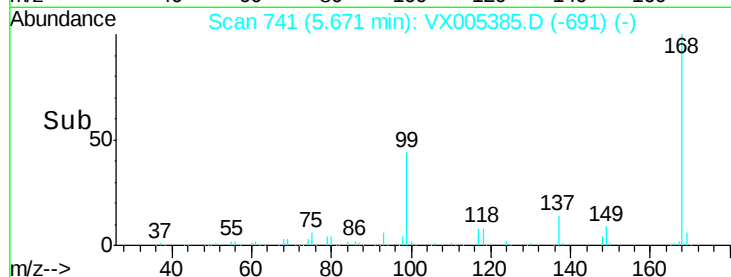
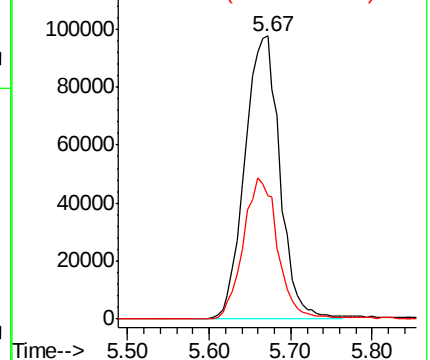
168 100

99 43.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.57 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005385.D

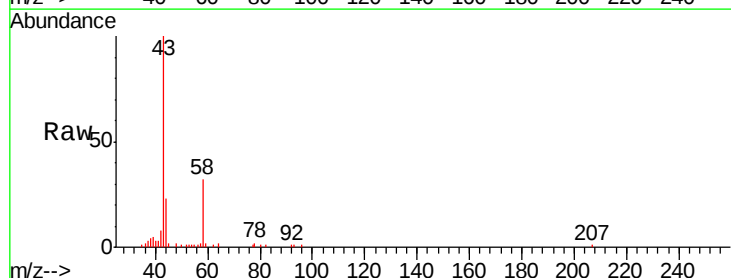
Acq: 17 Oct 2018 11:18

Tgt Ion: 43 Resp: 12311

Ion Ratio Lower Upper

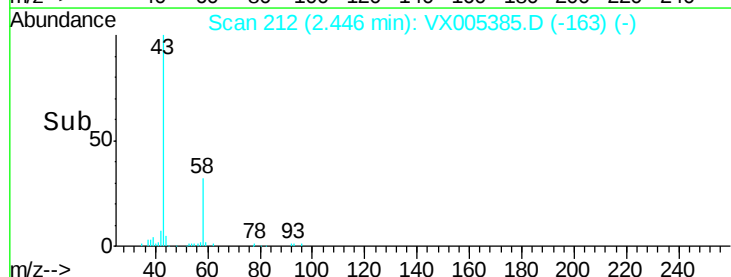
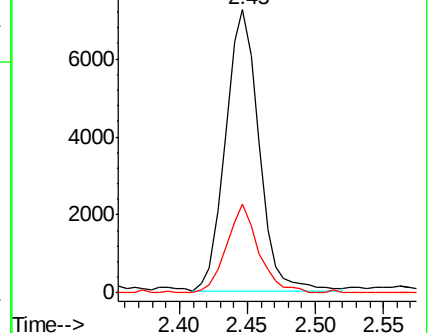
43 100

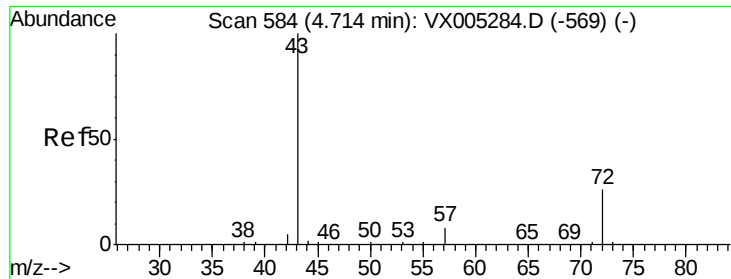
58 31.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 0.58 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

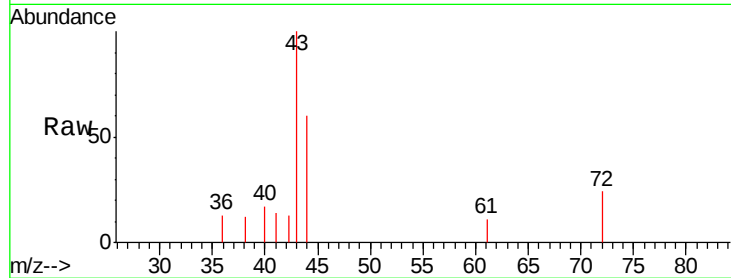
TKDSLUDGE

Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

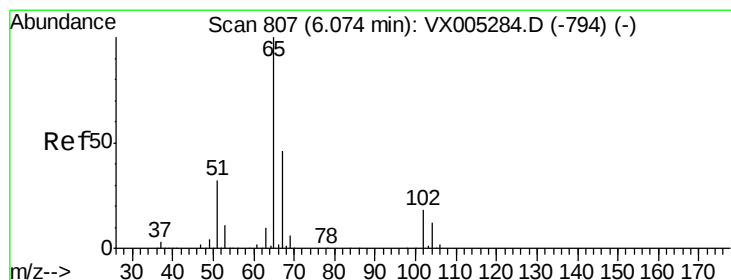
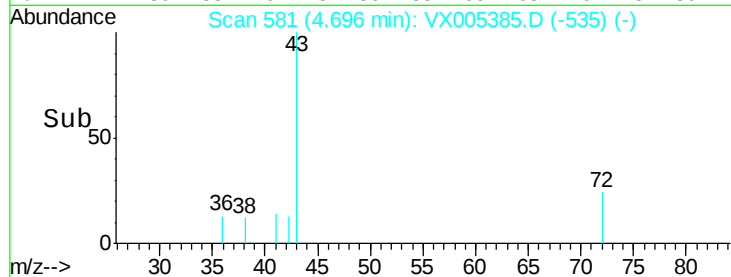
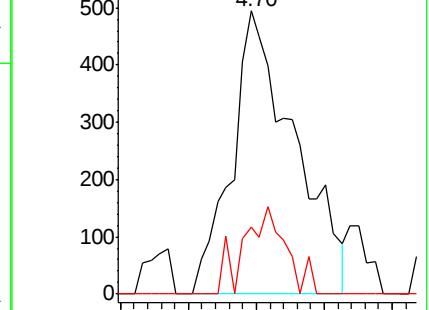
43 100

72 23.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.80 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005385.D

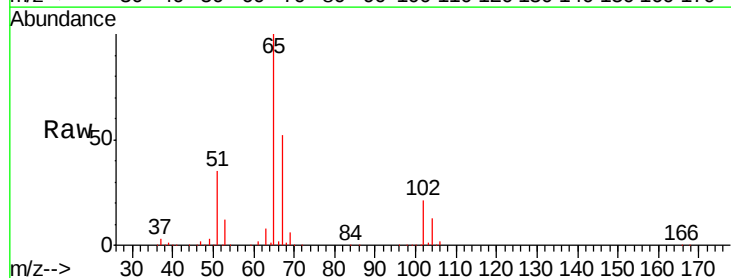
Acq: 17 Oct 2018 11:18

Tgt Ion: 65 Resp: 158217

Ion Ratio Lower Upper

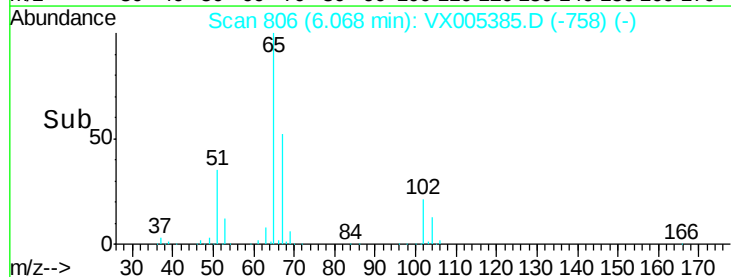
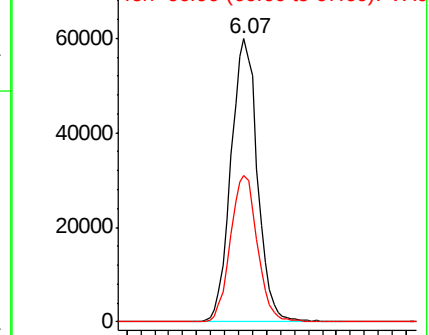
65 100

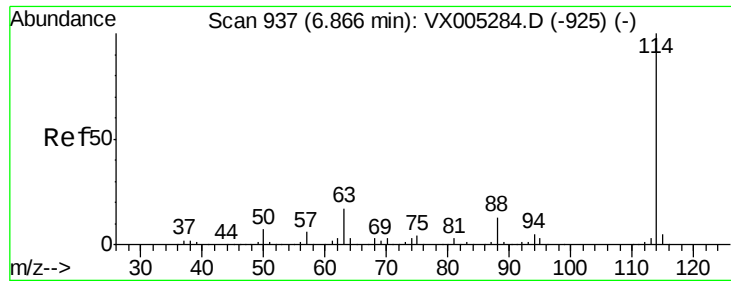
67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

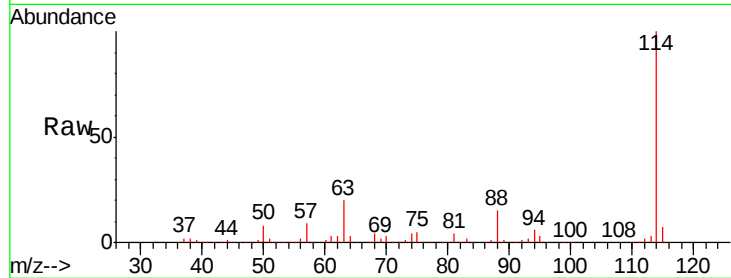




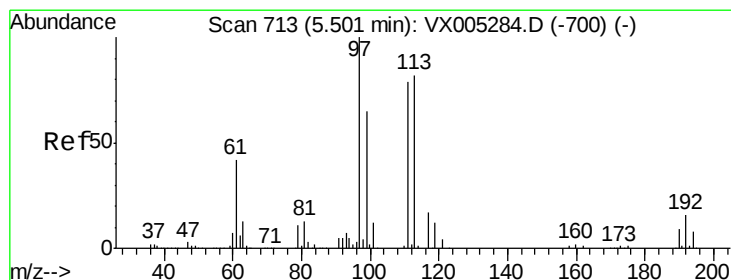
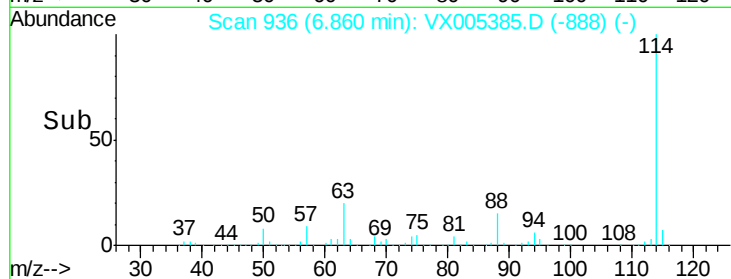
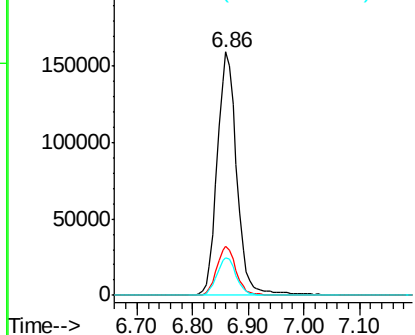
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TKDSLUDGE

Tgt Ion:114 Resp: 389681
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.5 0.0 30.4

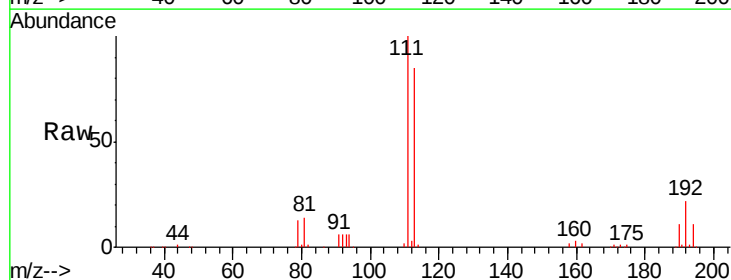


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

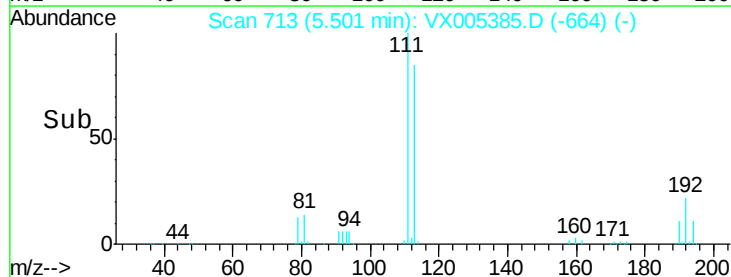
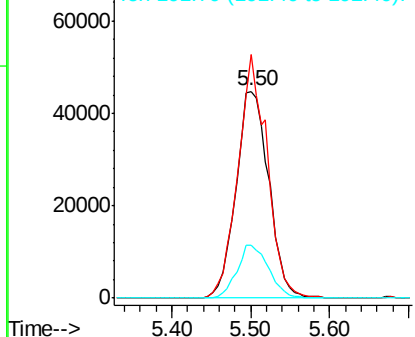


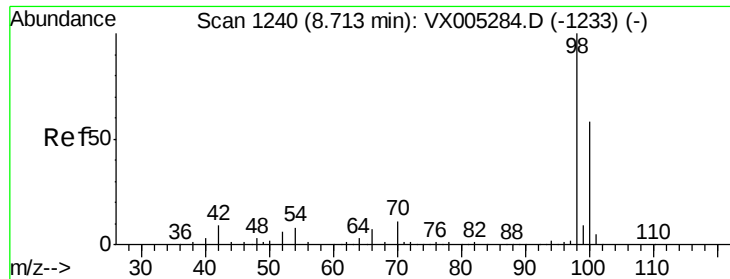
#35
 Dibromofluoromethane
 Concen: 50.24 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

Tgt Ion:113 Resp: 129655
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.4 123.6
 192 24.8 19.4 29.2



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: 53.32 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

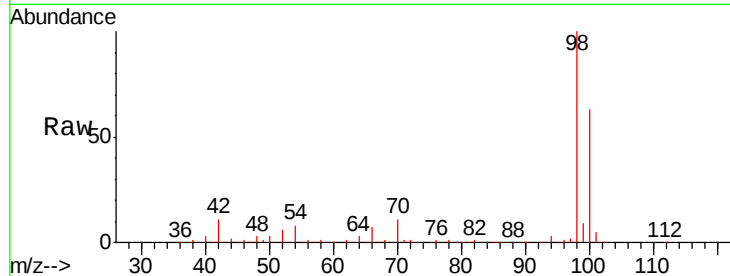
TKDSLUDGE

Tgt Ion: 98 Resp: 472466

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX005284.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX005284.D (-1233) (-)

8.71

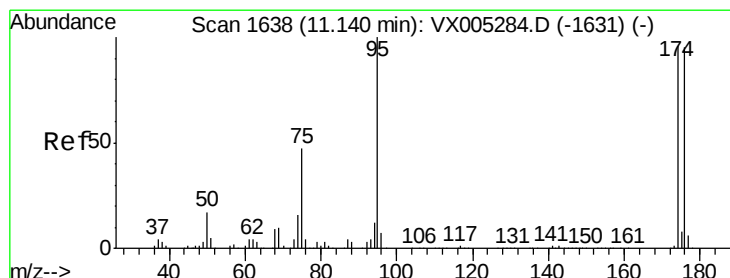
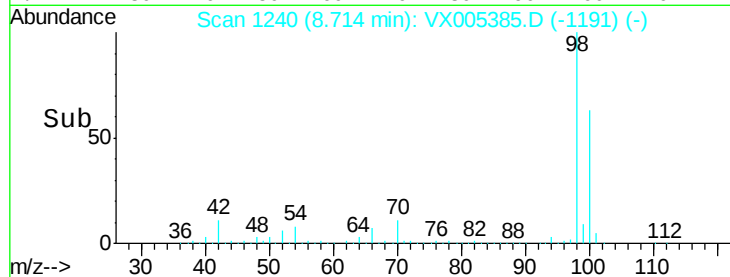
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.35 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

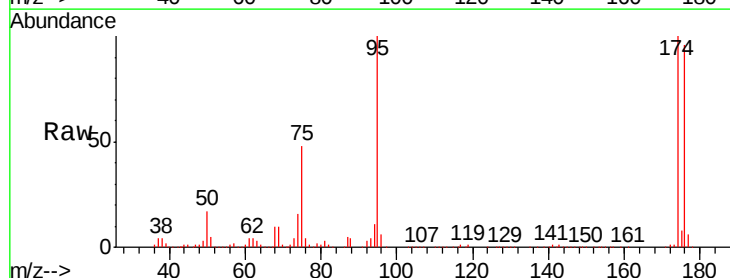
Tgt Ion: 95 Resp: 160940

Ion Ratio Lower Upper

95 100

174 95.5 0.0 185.2

176 92.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005284.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005284.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005284.D (-1631) (-)

11.14

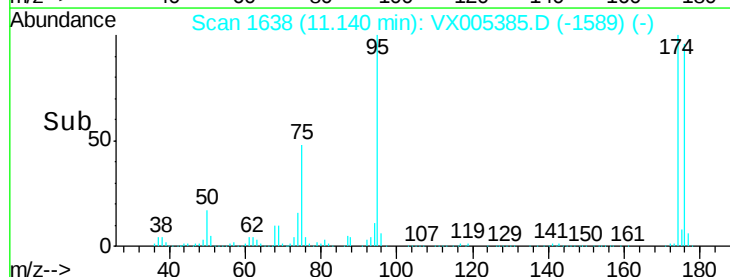
150000

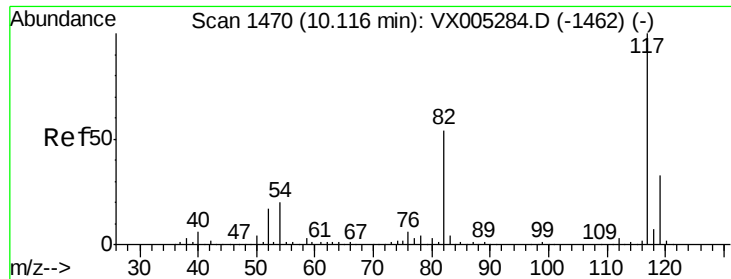
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005385.D

Acq: 17 Oct 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

TKDSLUDGE

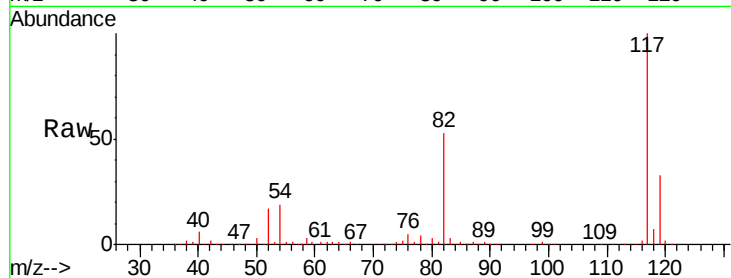
Tgt Ion:117 Resp: 353768

Ion Ratio Lower Upper

117 100

82 53.1 47.8 71.6

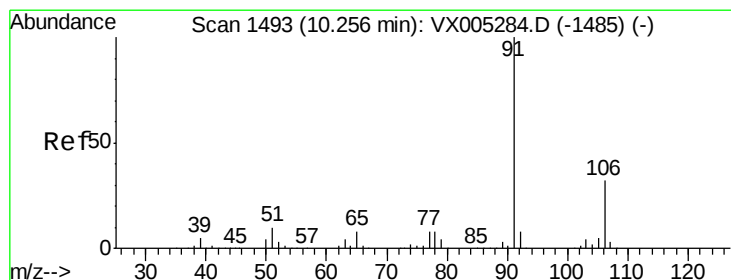
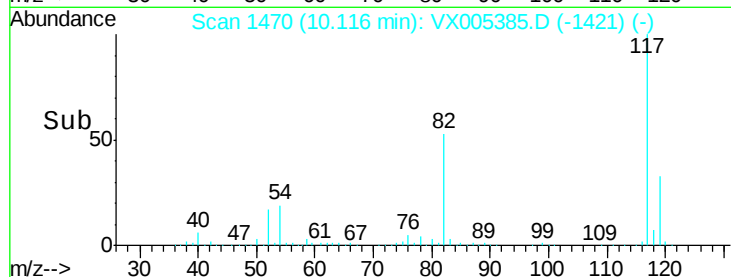
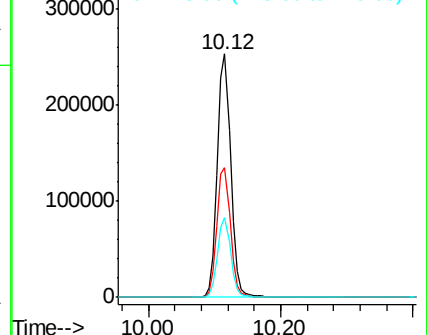
119 32.7 29.3 43.9



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



#67

Ethyl Benzene

Concen: 1.30 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005385.D

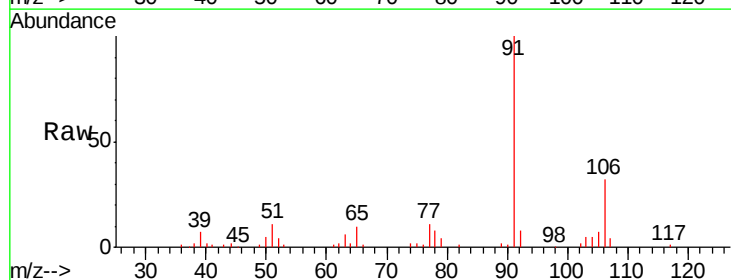
Acq: 17 Oct 2018 11:18

Tgt Ion: 91 Resp: 15923

Ion Ratio Lower Upper

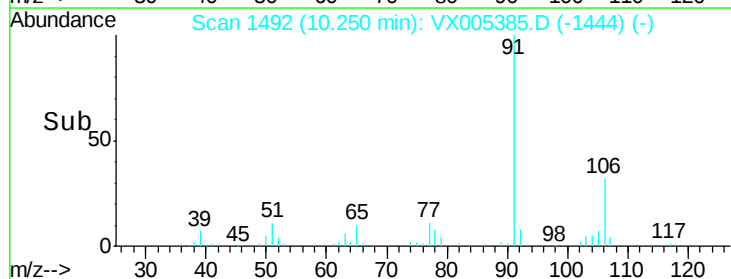
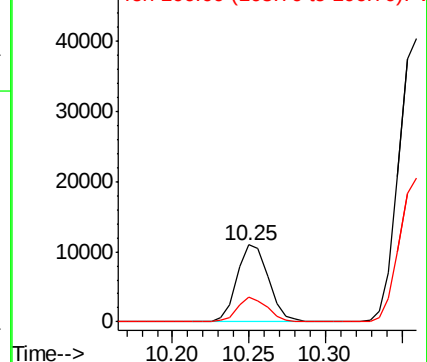
91 100

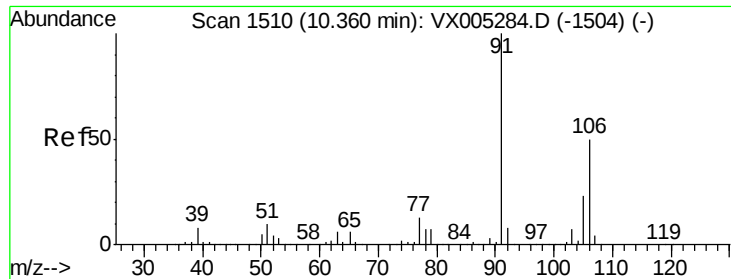
106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

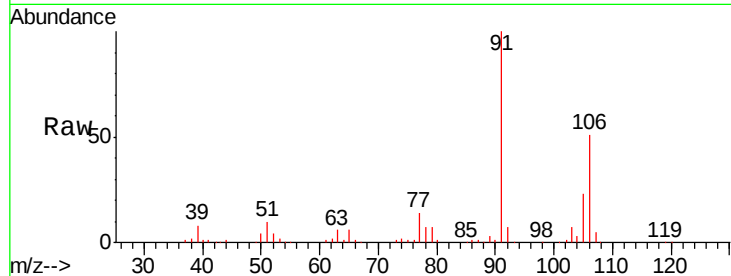




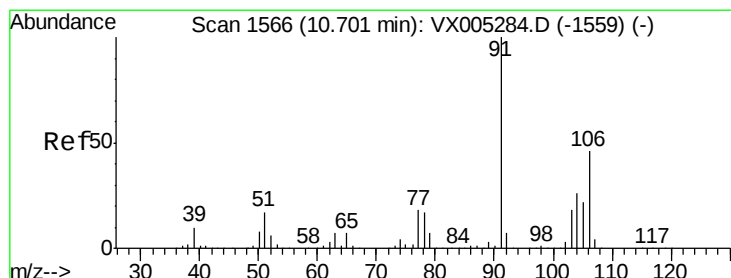
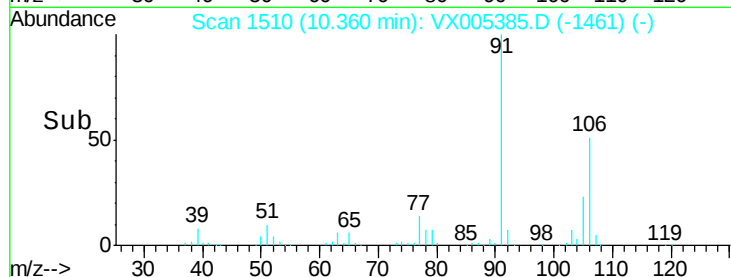
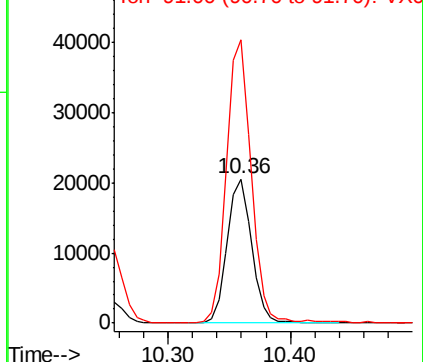
#68
m/p-Xylenes
Concen: 6.02 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
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TKDSLUDGE

Tgt Ion:106 Resp: 28590
Ion Ratio Lower Upper
106 100
91 198.7 157.1 235.7

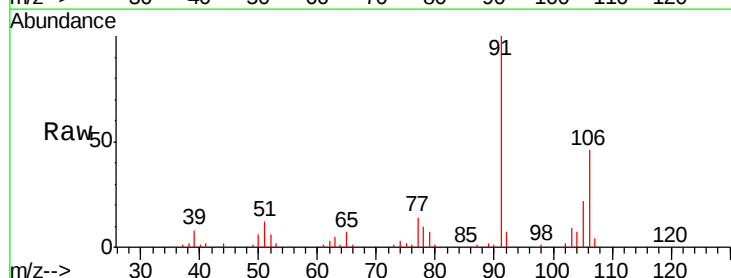


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

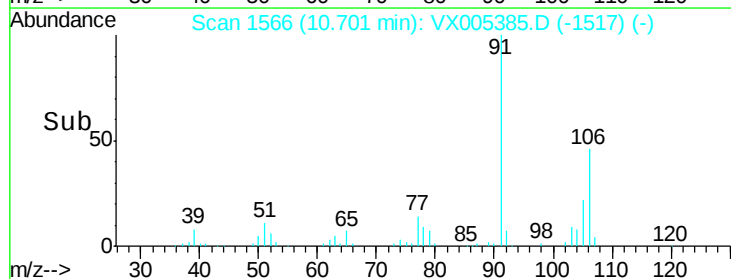
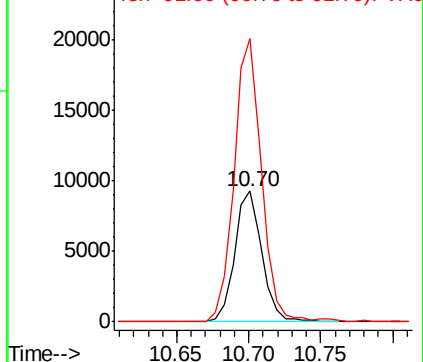


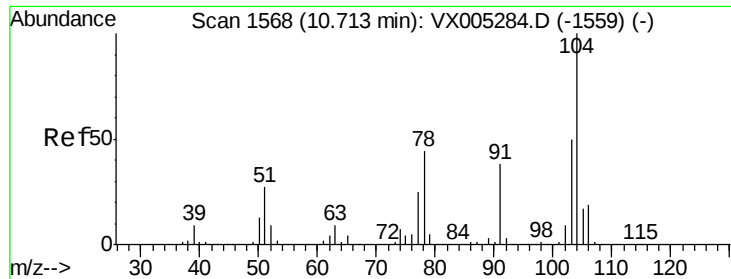
#69
o-Xylene
Concen: 2.67 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:106 Resp: 12237
Ion Ratio Lower Upper
106 100
91 218.5 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

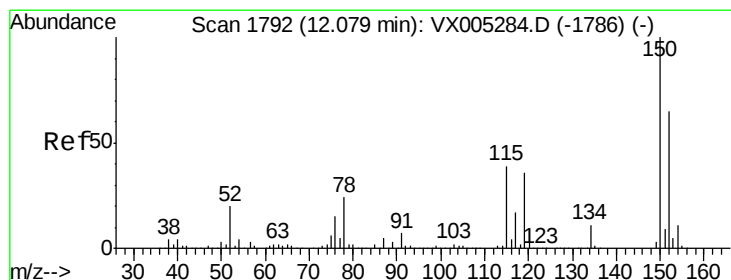
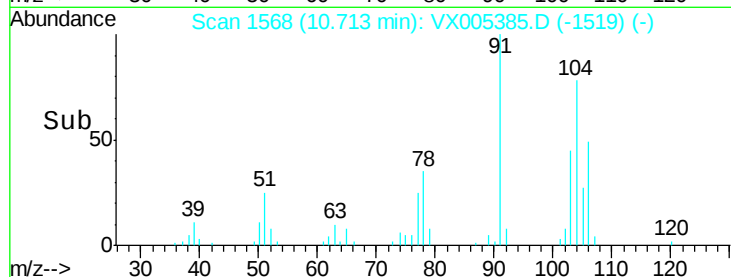
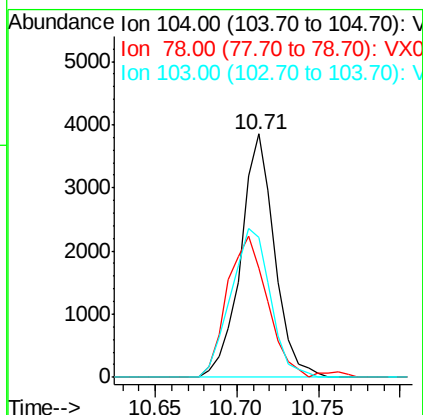
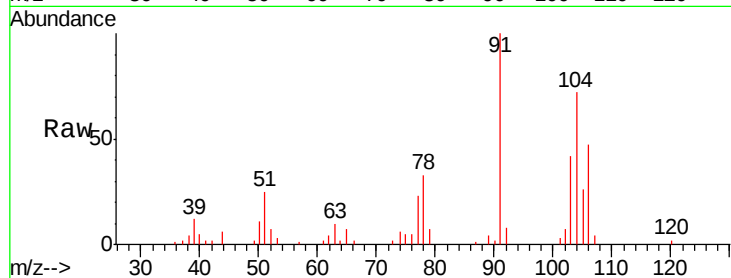




#70
Styrene
Concen: 0.74 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

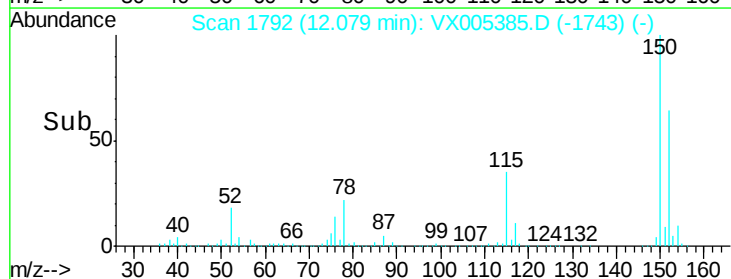
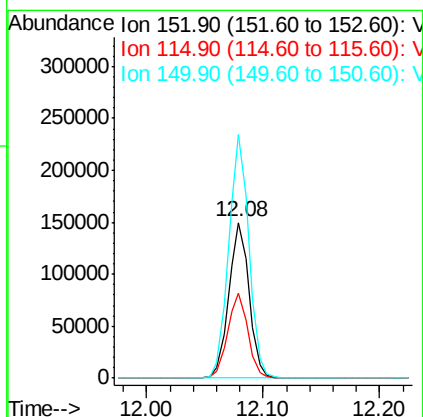
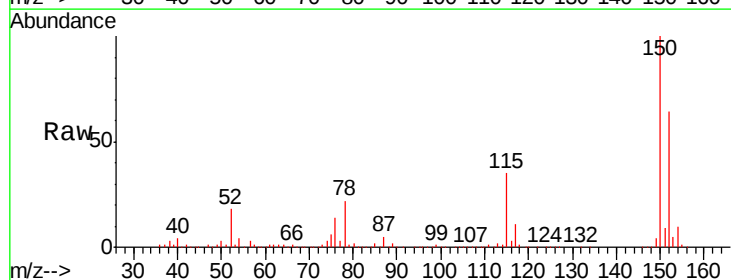
Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

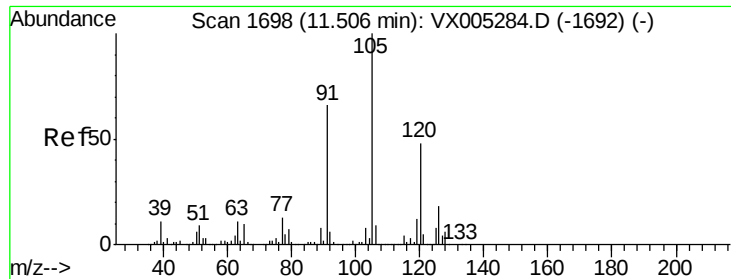
Tgt Ion:104 Resp: 5585
Ion Ratio Lower Upper
104 100
78 68.3 37.4 56.0#
103 71.2 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Tgt Ion:152 Resp: 180698
Ion Ratio Lower Upper
152 100
115 54.3 39.0 117.0
150 155.8 0.0 351.0

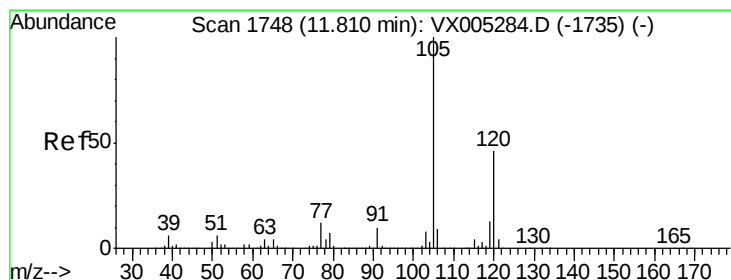
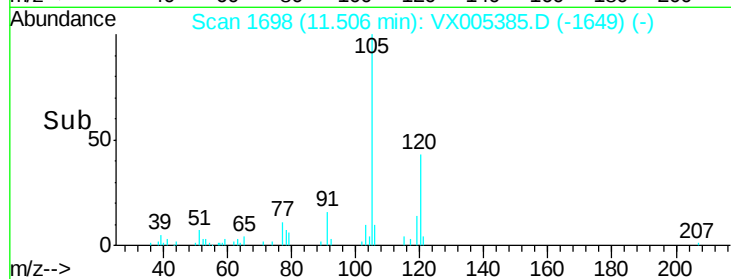
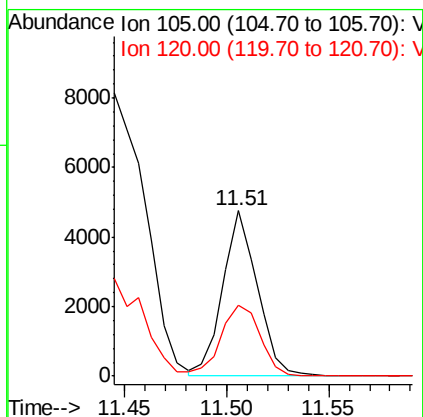
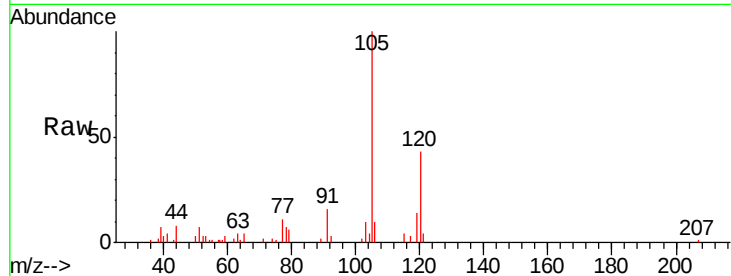




#80
 1,3,5-Trimethylbenzene
 Concen: 0.61 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

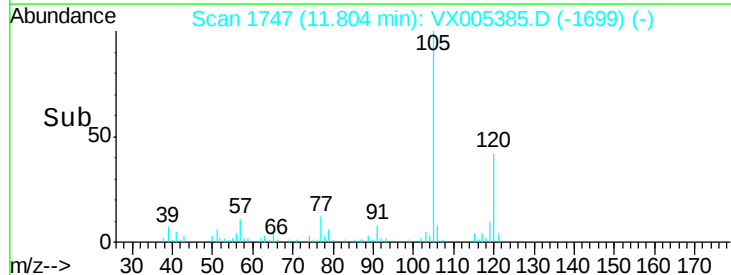
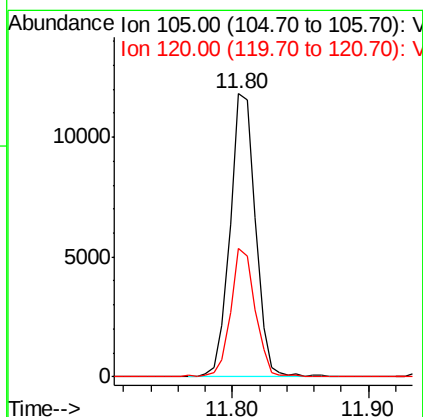
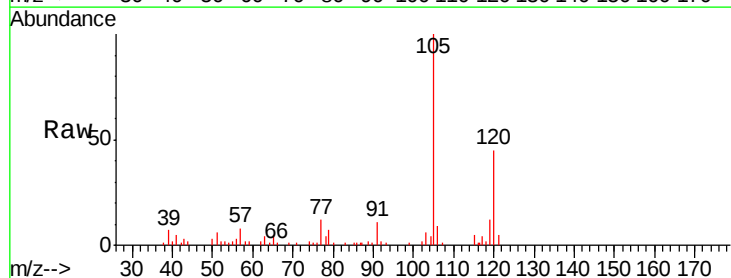
Instrument :
 MSVOA_X
 ClientSampleId :
 TKDSLUDGE

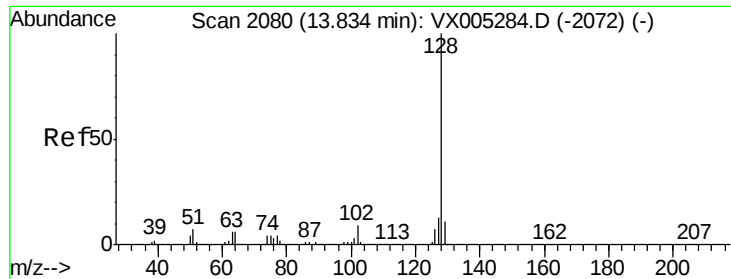
Tgt Ion:105 Resp: 5610
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.6 76.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.62 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005385.D
 Acq: 17 Oct 2018 11:18

Tgt Ion:105 Resp: 15343
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.2 69.6

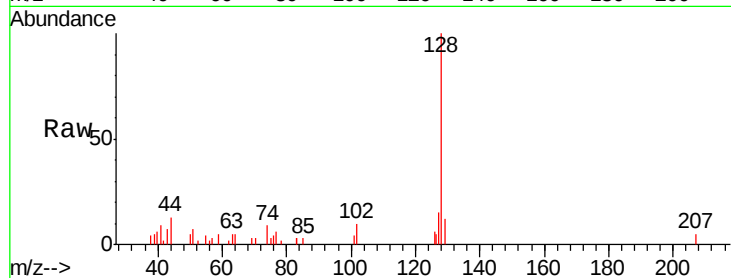




#95
Naphthalene
Concen: 0.26 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005385.D
Acq: 17 Oct 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
TKDSLUDGE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	12.5	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

