

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002046.D
 Acq On : 27 May 2018 04:18
 Operator : JC/MD
 Sample : J3077-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-RO-7211969

Quant Time: May 29 06:01:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	27817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	41487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	35830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	17521	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	53091	106.77	ug/l	0.00
Spiked Amount			Recovery	=	213.54%	
35) Dibromofluoromethane	5.51	113	494	1.19	ug/l	0.00
Spiked Amount			Recovery	=	2.38%	
50) Toluene-d8	8.72	98	139685	93.00	ug/l	0.00
Spiked Amount			Recovery	=	186.00%	
62) 4-Bromofluorobenzene	11.14	95	46927	79.85	ug/l	0.00
Spiked Amount			Recovery	=	159.70%	

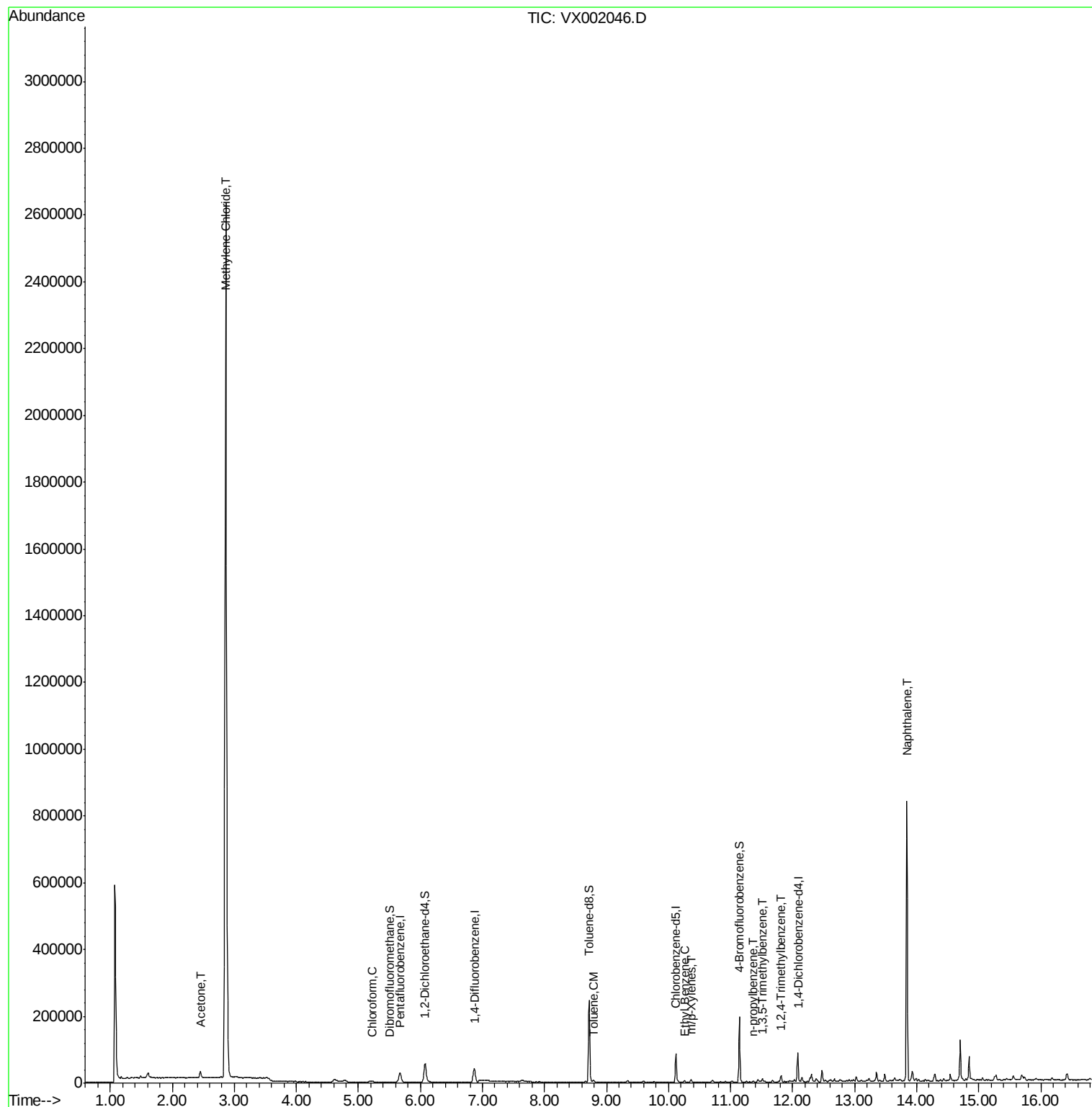
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21987	114.58	ug/l	96
20) Methylene Chloride	2.86	84	1185530	3689.46	ug/l	97
30) Chloroform	5.23	83	2305	3.11	ug/l	85
52) Toluene	8.79	92	1557	1.45	ug/l	97
67) Ethyl Benzene	10.26	91	2136	1.08	ug/l	90
68) m/p-Xylenes	10.37	106	2045	2.71	ug/l	99
78) n-propylbenzene	11.37	91	1883	1.13	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	2973	2.34	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8000	6.11	ug/l	94
95) Naphthalene	13.84	128	497193	314.20	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

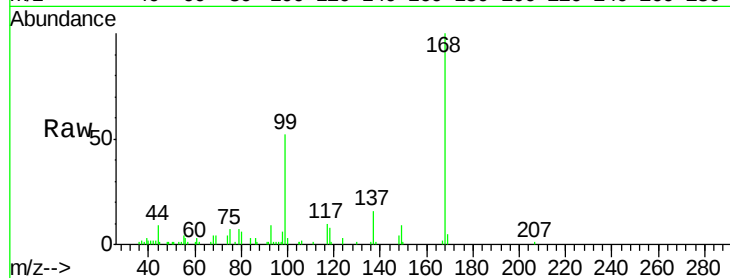
CS-RO-7211969

Tot Ion:168 Resp: 27817

Ion Ratio Lower Upper

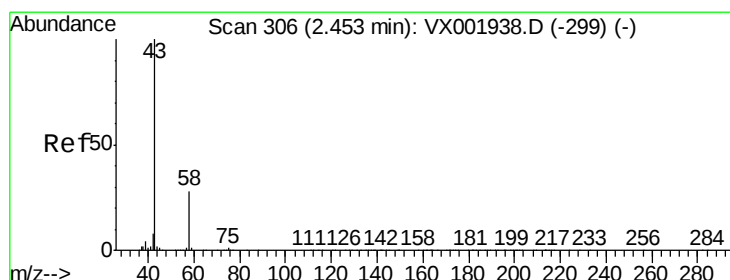
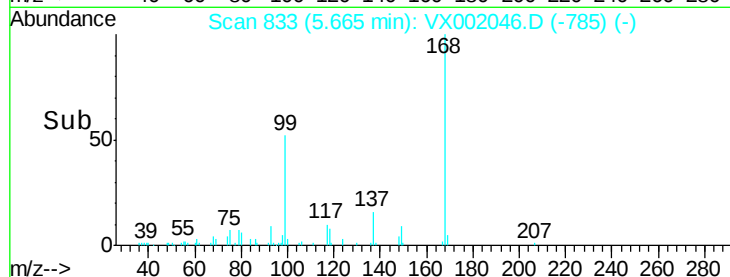
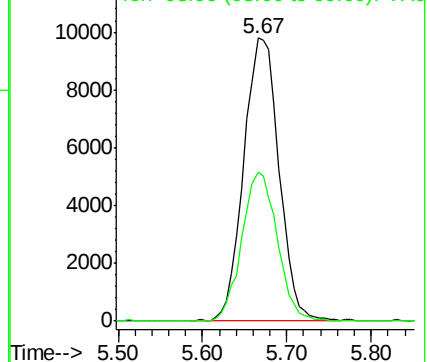
168 100

99 52.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 114.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002046.D

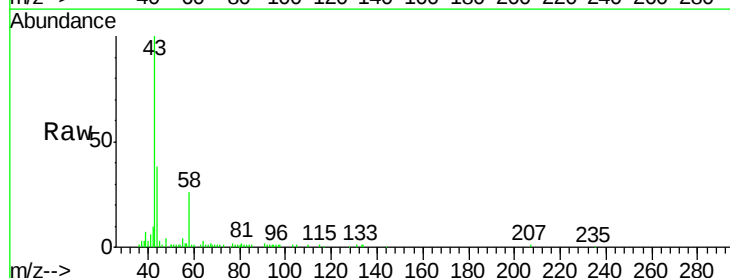
Acq: 27 May 2018 04:18

Tgt Ion: 43 Resp: 21987

Ion Ratio Lower Upper

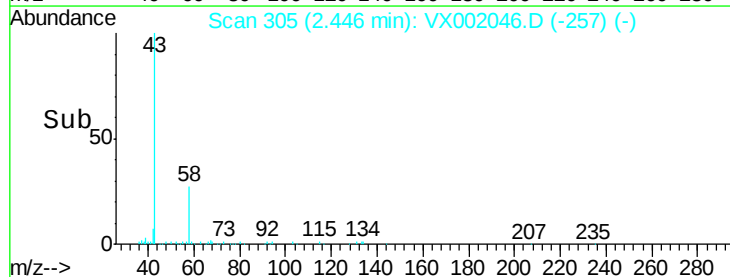
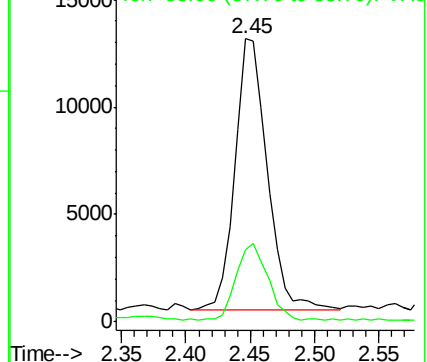
43 100

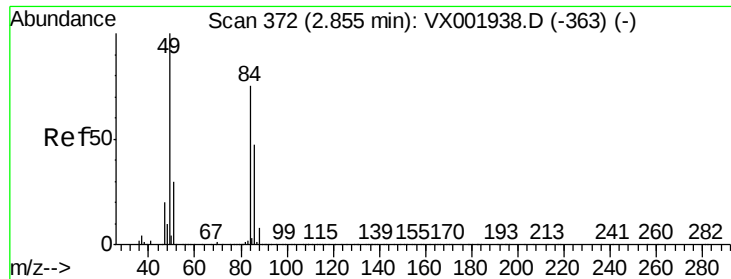
58 26.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



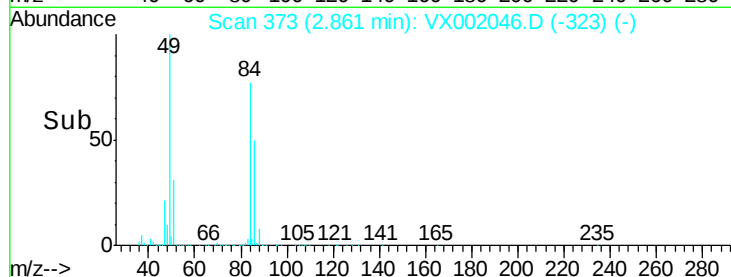
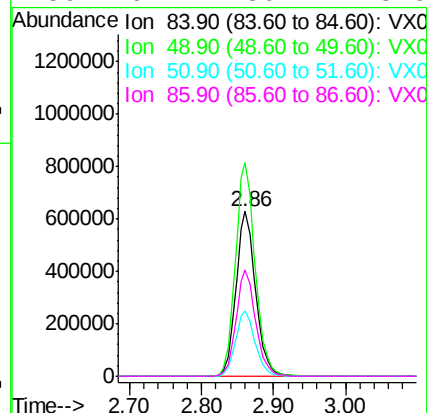
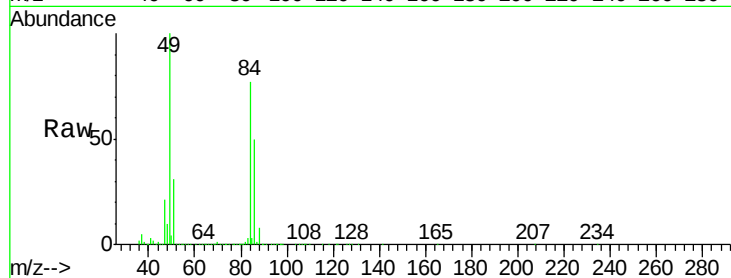


#20
Methvlene Chloride
Concen: 3689.46 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
CS-RO-7211969

Tot Ion: 84 Resp: 1185530

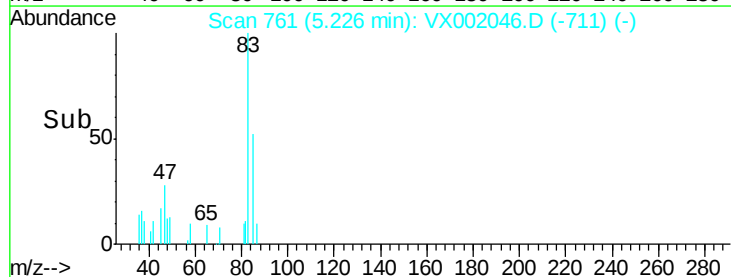
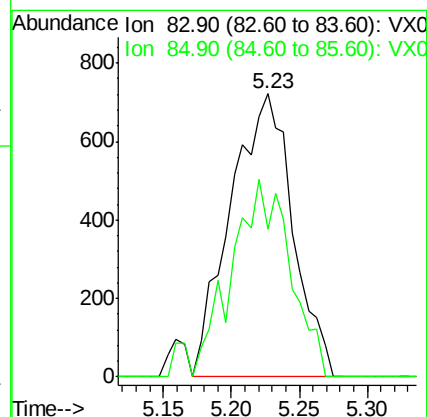
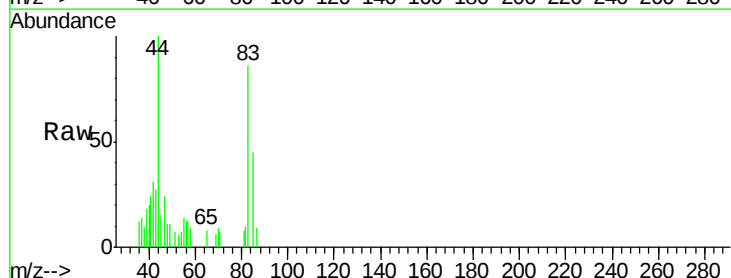
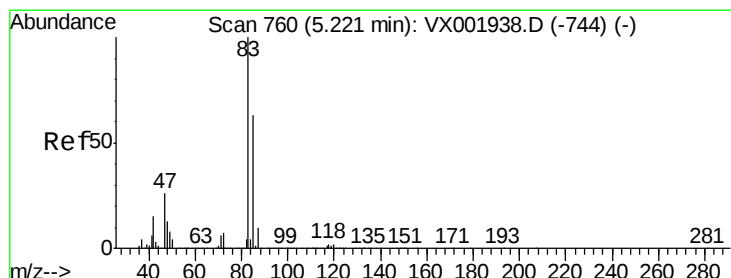
Ion	Ratio	Lower	Upper
84	100		
49	129.8	107.2	160.8
51	39.8	32.4	48.6
86	64.7	50.4	75.6

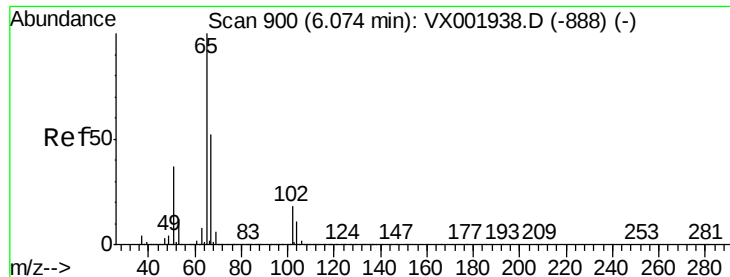


#30
Chloroform
Concen: 3.11 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

Tgt Ion: 83 Resp: 2305

Ion	Ratio	Lower	Upper
83	100		
85	52.2	50.9	76.3





#33

1,2-Dichloroethane-d4

Concen: 106.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

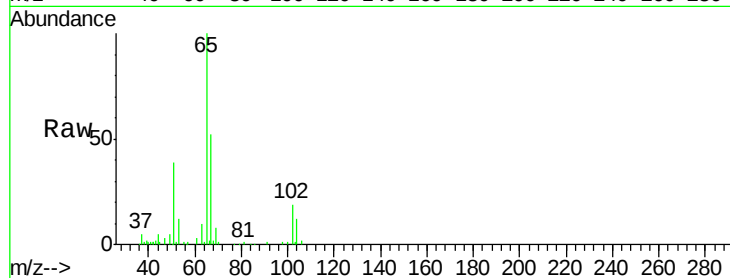
CS-RO-7211969

Tot Ion: 65 Resp: 53091

Ion Ratio Lower Upper

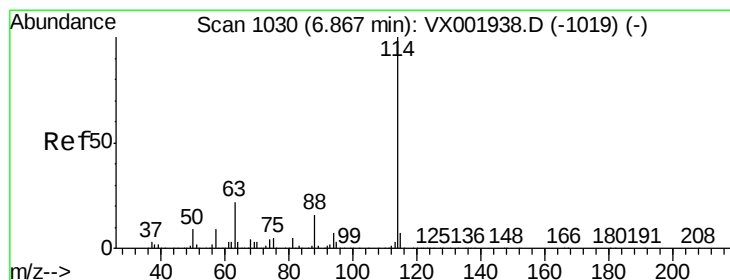
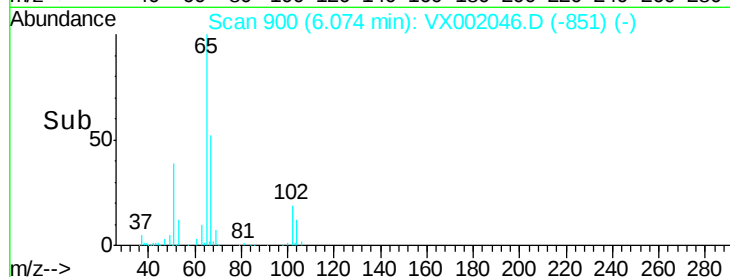
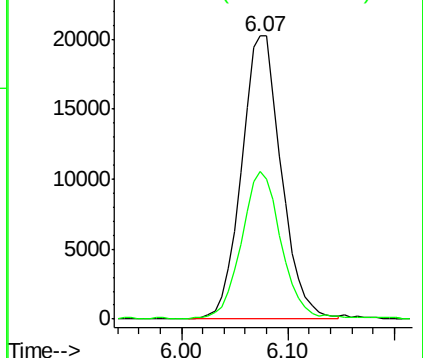
65 100

67 52.5 0.0 104.0



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

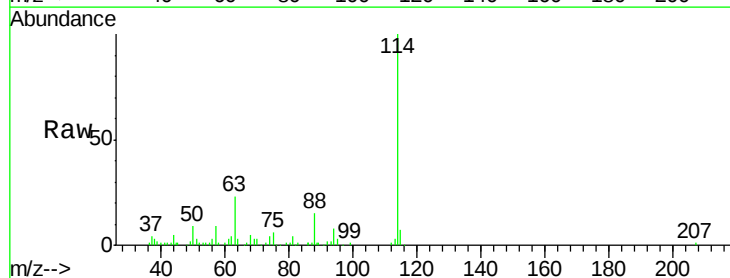
Tgt Ion: 114 Resp: 41487

Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.2

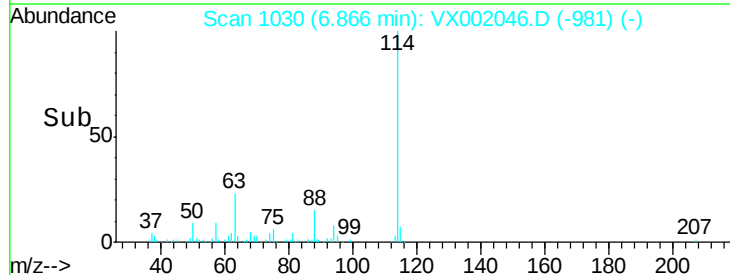
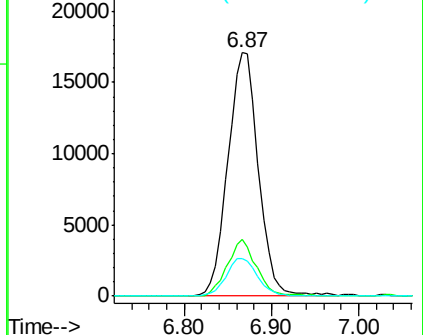
88 15.4 0.0 31.6

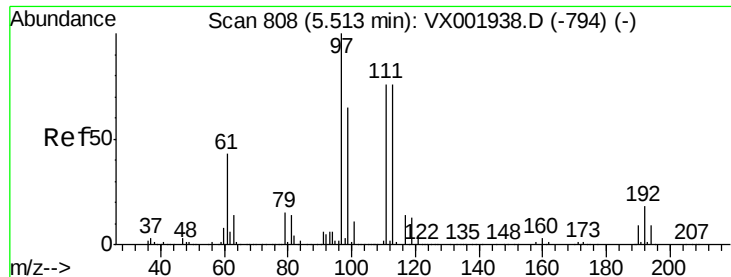


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

CS-RO-7211969

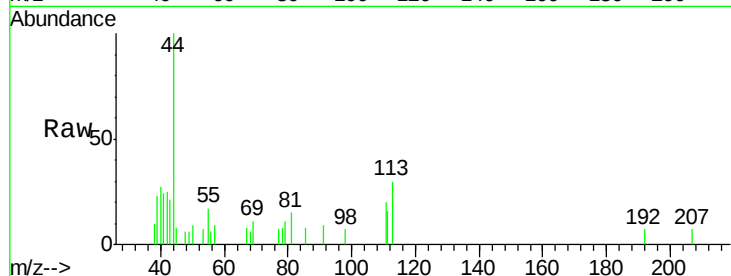
Tot Ion:113 Resp: 494

Ion Ratio Lower Upper

113 100

111 124.1 82.0 123.0#

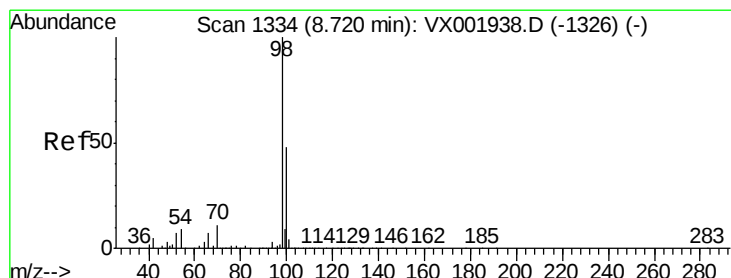
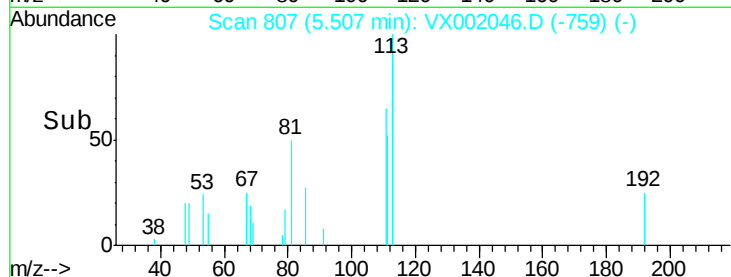
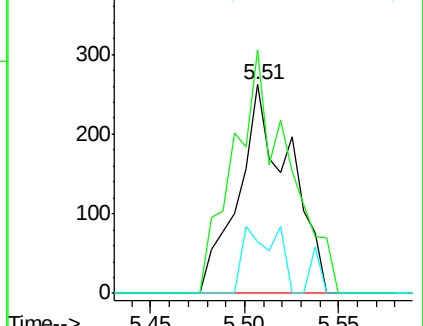
192 21.3 18.9 28.3



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: 93.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002046.D

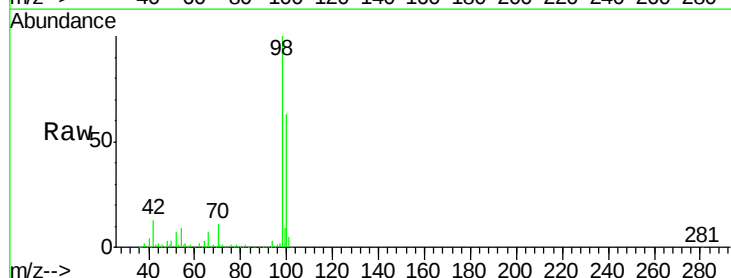
Acq: 27 May 2018 04:18

Tgt Ion: 98 Resp: 139685

Ion Ratio Lower Upper

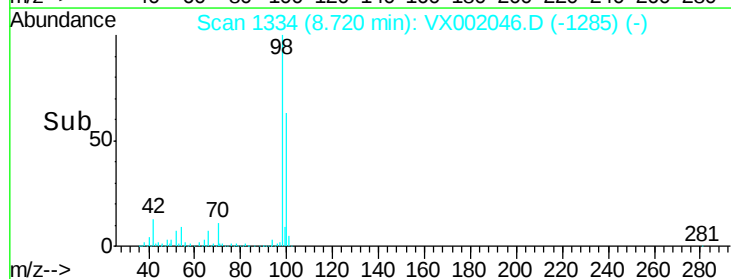
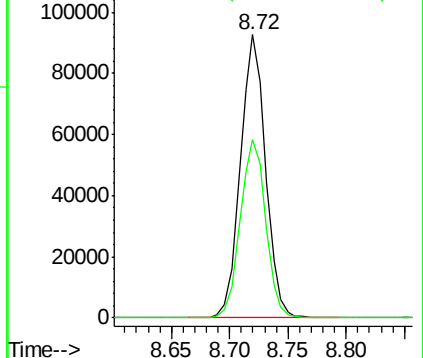
98 100

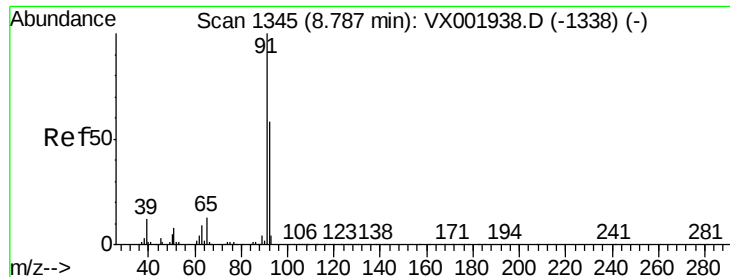
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#52

Toluene

Concen: 1.45 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

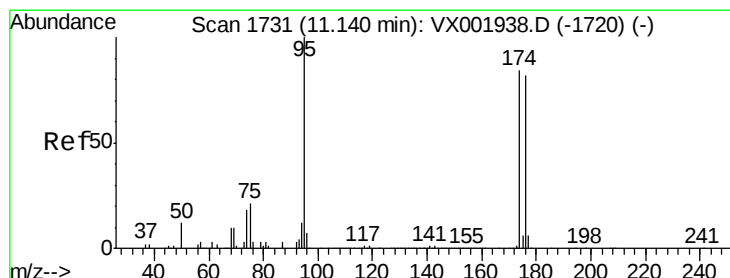
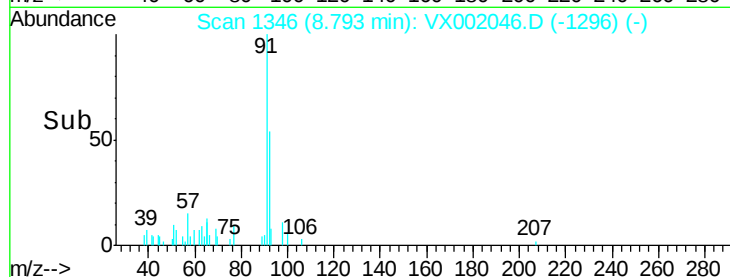
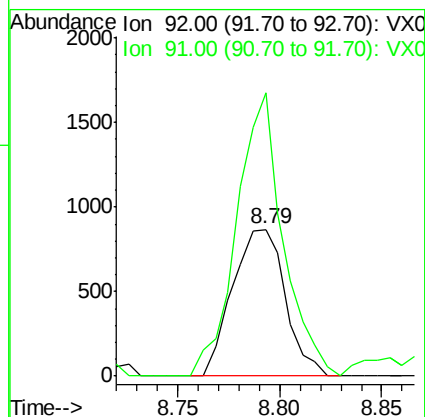
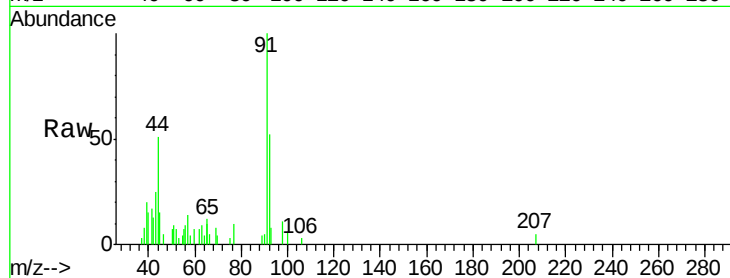
CS-RO-7211969

Tot Ion: 92 Resp: 1557

Ion Ratio Lower Upper

92 100

91 169.7 139.4 209.2



#62

4-Bromofluorobenzene

Concen: 79.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

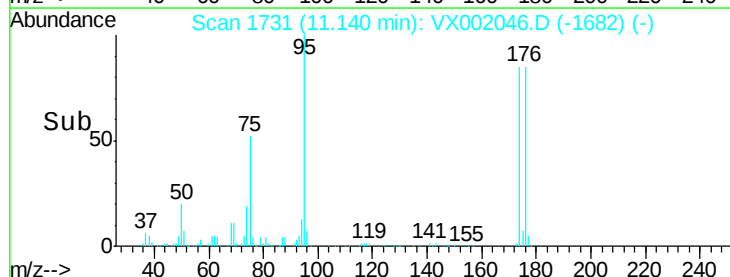
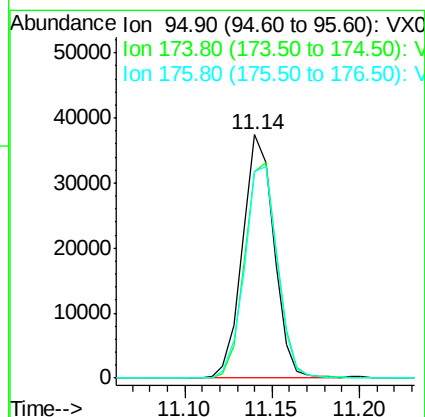
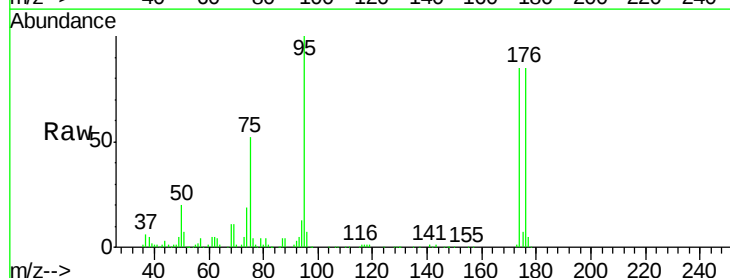
Tgt Ion: 95 Resp: 46927

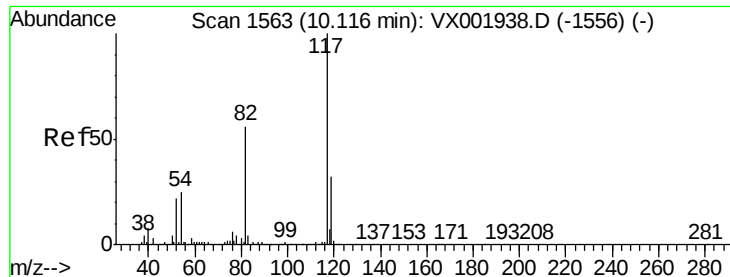
Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

176 90.6 0.0 175.6

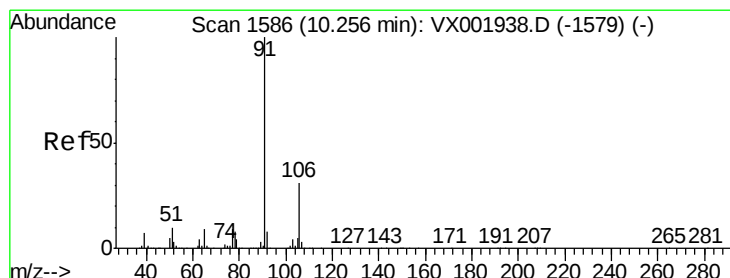
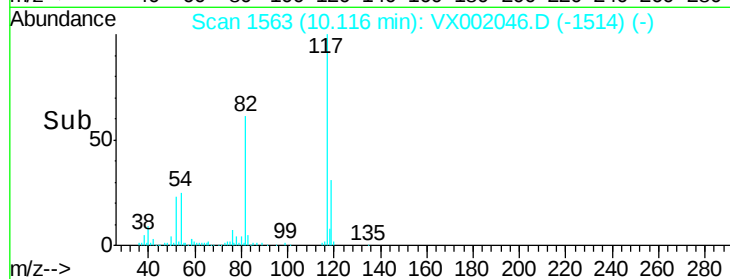
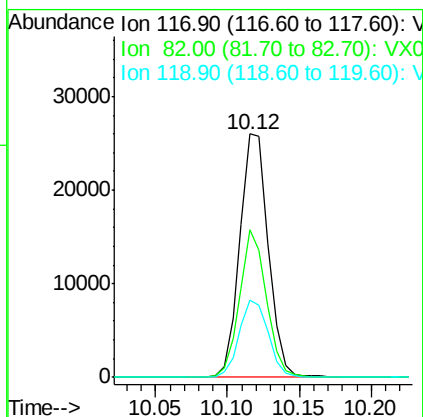
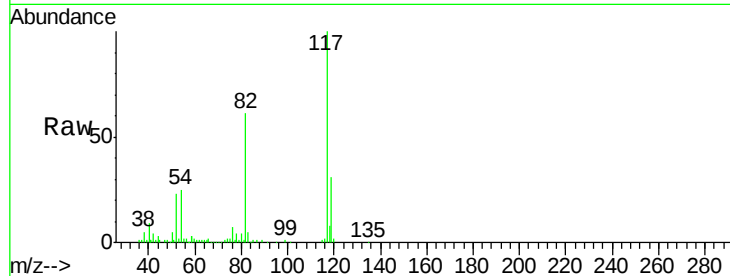




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

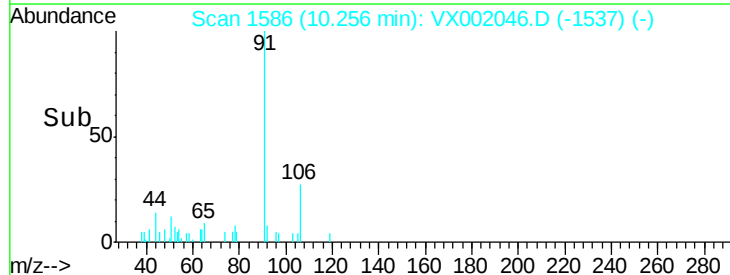
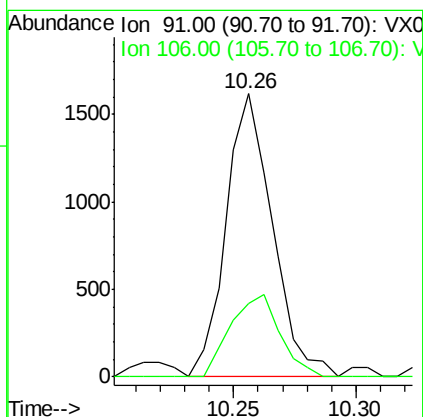
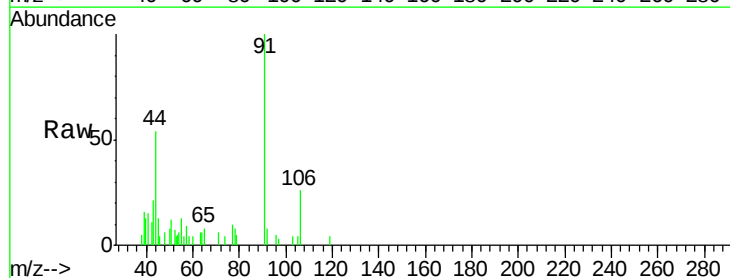
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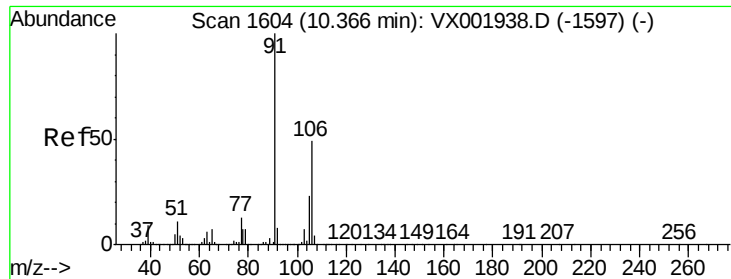
Tot Ion:117 Resp: 35830
Ion Ratio Lower Upper
117 100
82 60.7 44.8 67.2
119 31.5 25.5 38.3



#67
Ethyl Benzene
Concen: 1.08 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

Tgt Ion: 91 Resp: 2136
Ion Ratio Lower Upper
91 100
106 25.8 25.0 37.6

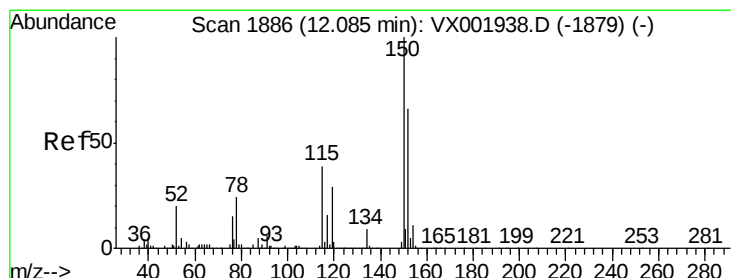
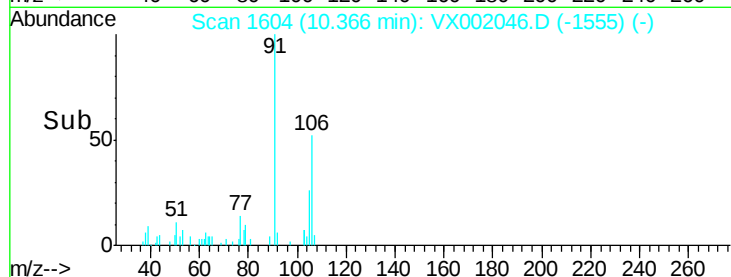
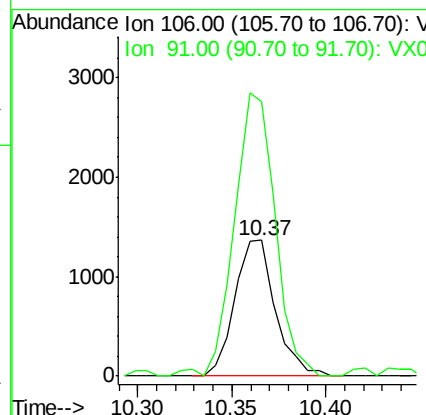
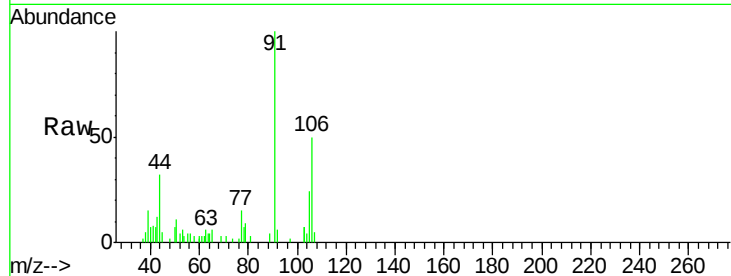




#68
m/p-Xvlenes
Concen: 2.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

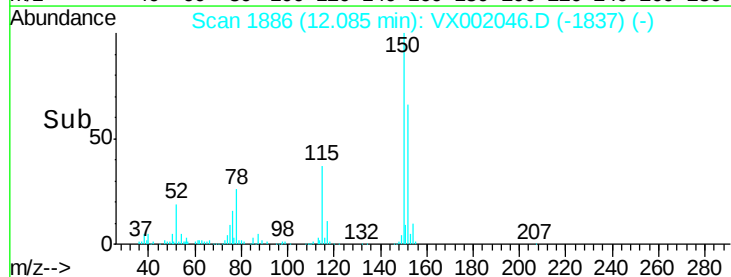
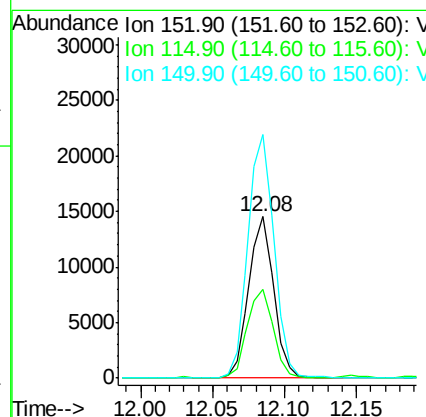
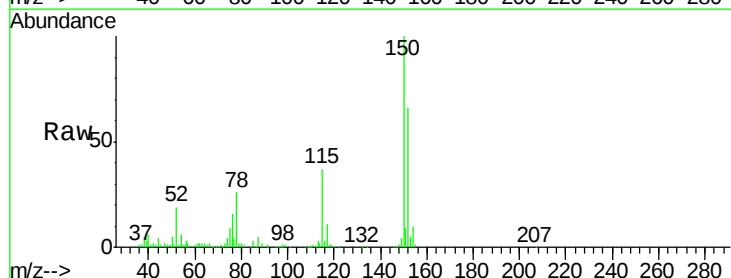
Instrument :
MSVOA_X
ClientSampleId :
CS-RO-7211969

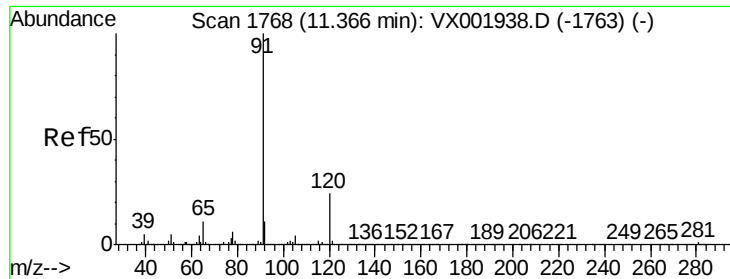
Tot Ion:106 Resp: 2045
Ion Ratio Lower Upper
106 100
91 208.3 165.0 247.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002046.D
Acq: 27 May 2018 04:18

Tgt Ion:152 Resp: 17521
Ion Ratio Lower Upper
152 100
115 57.4 42.3 126.8
150 157.0 0.0 351.0





#78

n-propylbenzene

Concen: 1.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

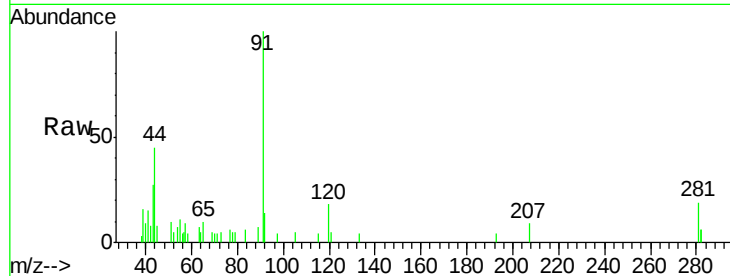
CS-RO-7211969

Tot Ion: 91 Resp: 1883

Ion Ratio Lower Upper

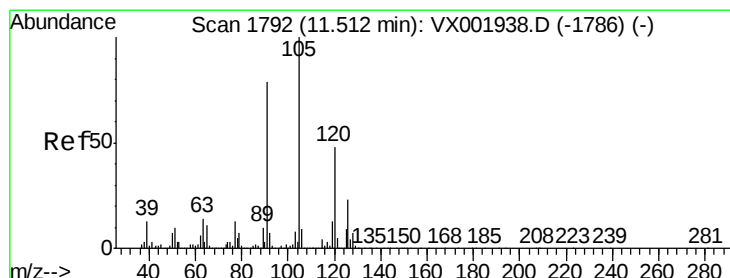
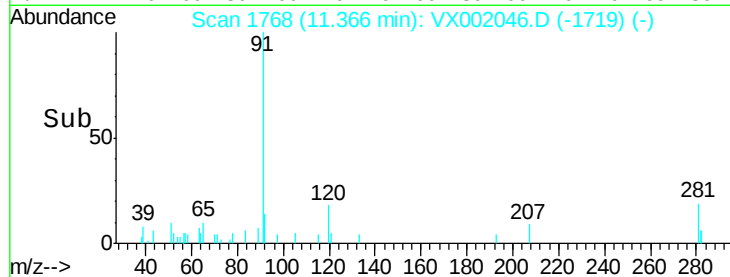
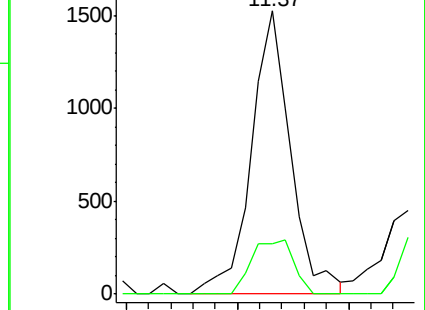
91 100

120 20.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX001938.D (-1763) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002046.D

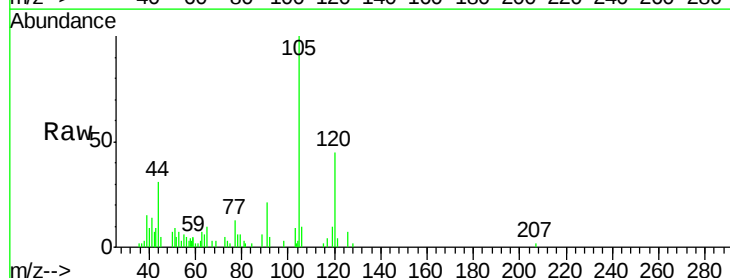
Acq: 27 May 2018 04:18

Tgt Ion: 105 Resp: 2973

Ion Ratio Lower Upper

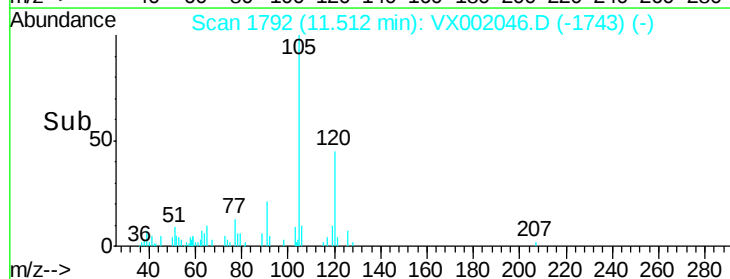
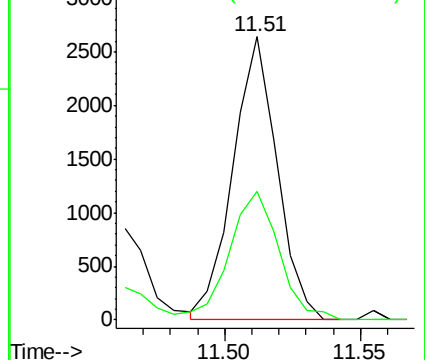
105 100

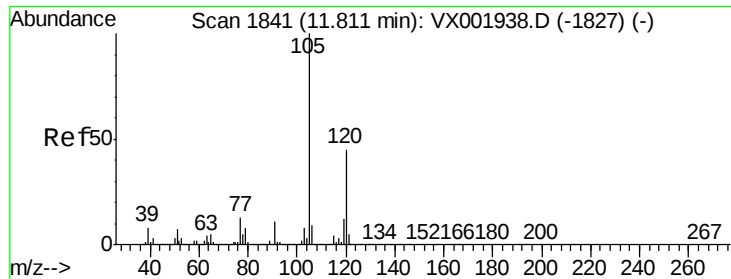
120 51.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX001938.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001938.D (-1786) (-)





#84

1,2,4-Trimethylbenzene

Concen: 6.11 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

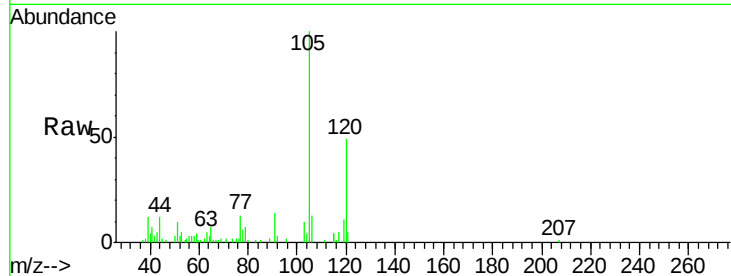
CS-RO-7211969

Tot Ion:105 Resp: 8000

Ion Ratio Lower Upper

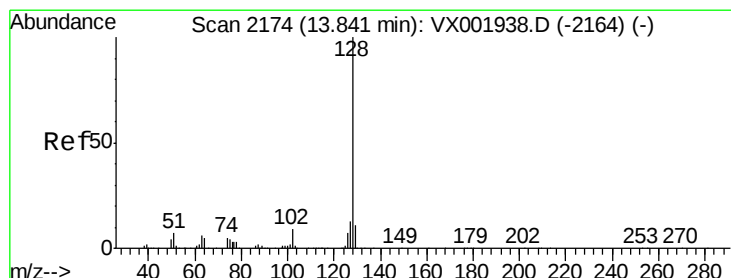
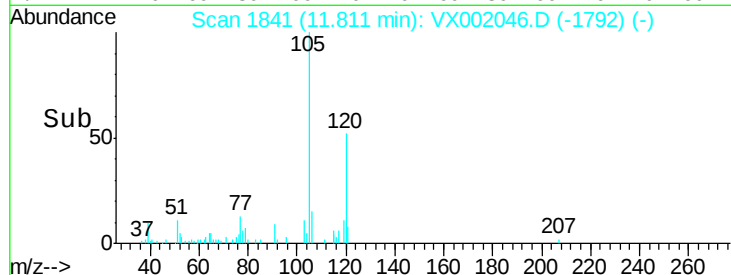
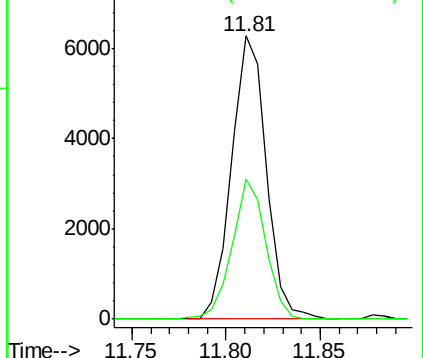
105 100

120 48.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 314.20 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002046.D

Acq: 27 May 2018 04:18

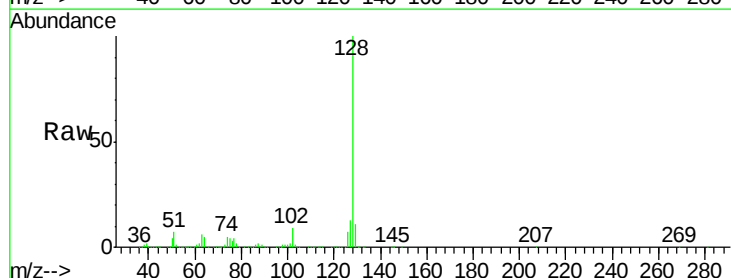
Tgt Ion:128 Resp: 497193

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.8 13.2



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

