

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000575.D
 Acq On : 30 Mar 2018 21:47
 Operator : JC/MD
 Sample : J2131-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT24256-SOIL

Quant Time: Apr 04 11:24:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	92590	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	72798	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	8.73	98	288812	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.15	95	105381	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	

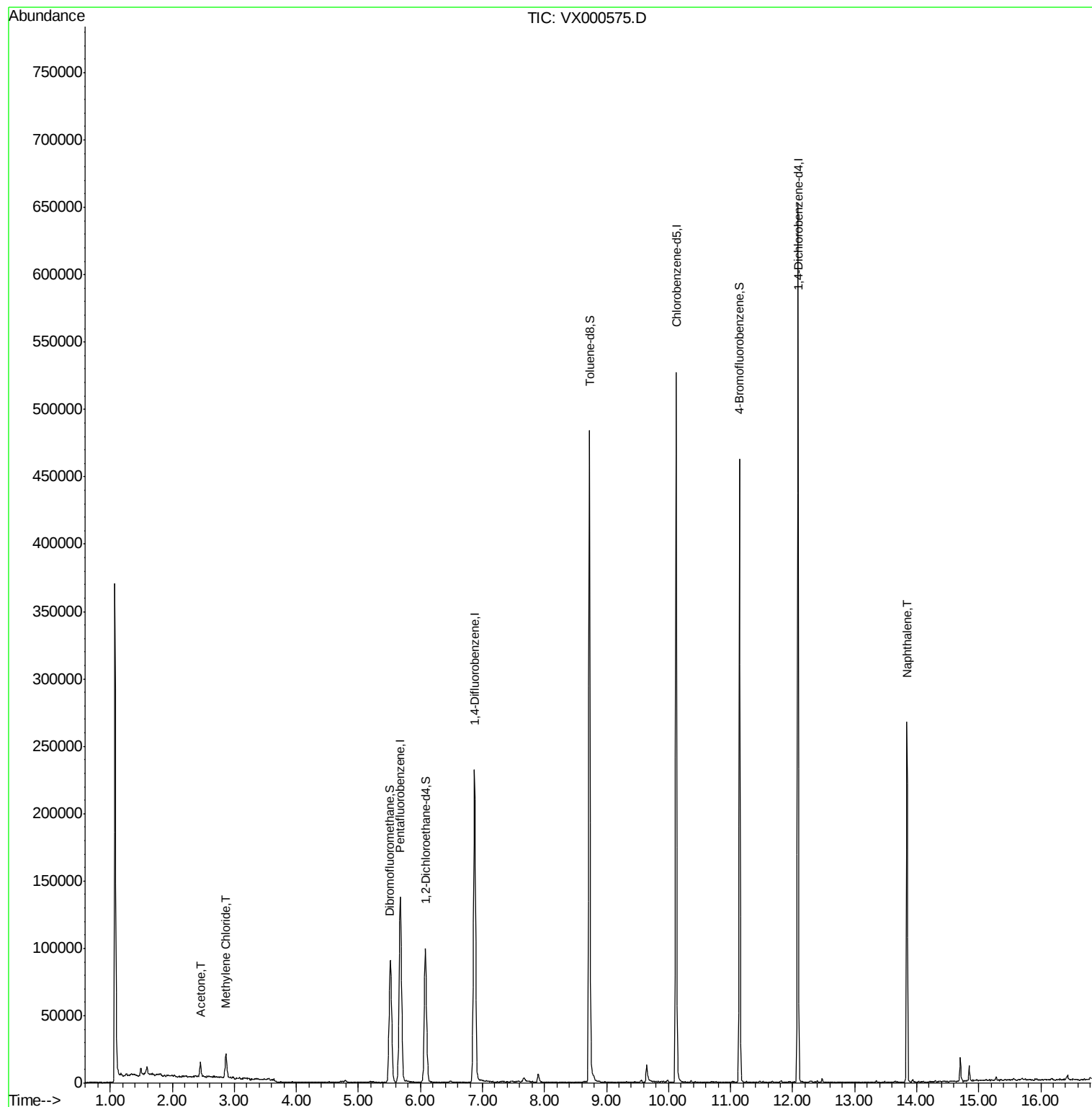
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11399	8.06	ug/l	98
20) Methylene Chloride	2.87	84	8276	5.06	ug/l	91
95) Naphthalene	13.84	128	156311	15.70	ug/l	99

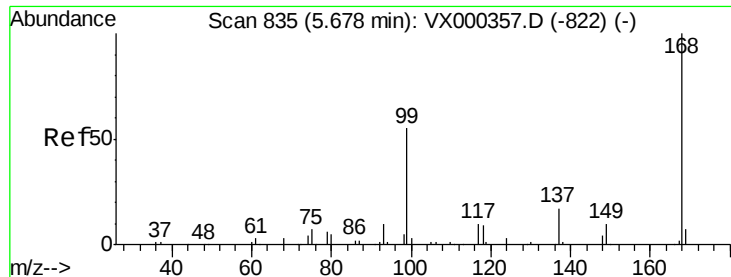
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000575.D

Acq: 30 Mar 2018 21:47

Instrument :

MSVOA_X

ClientSampleId :

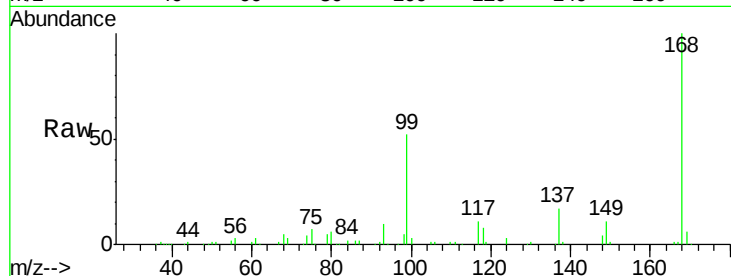
CHRT24256-SOIL

Tot Ion:168 Resp: 130304

Ion Ratio Lower Upper

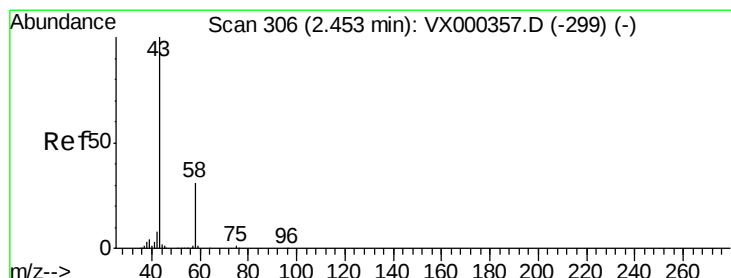
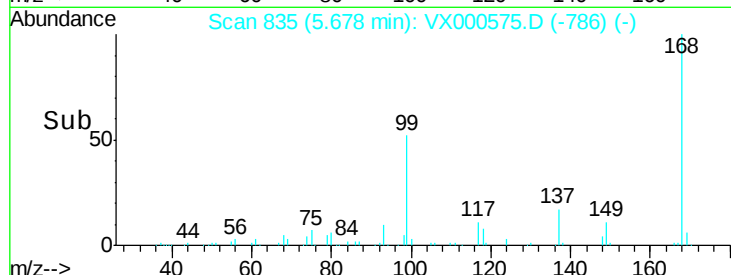
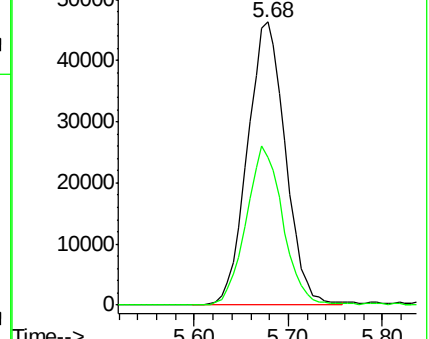
168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000575.D

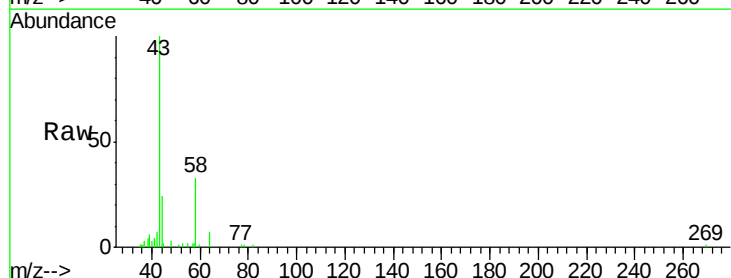
Acq: 30 Mar 2018 21:47

Tgt Ion: 43 Resp: 11399

Ion Ratio Lower Upper

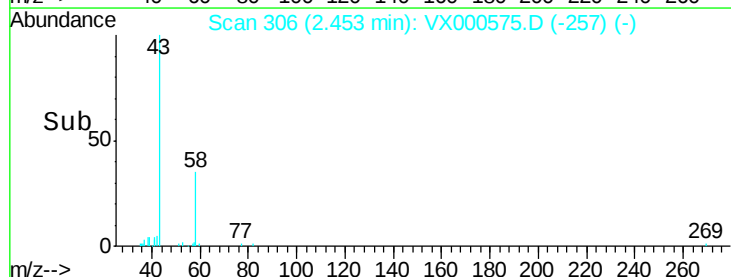
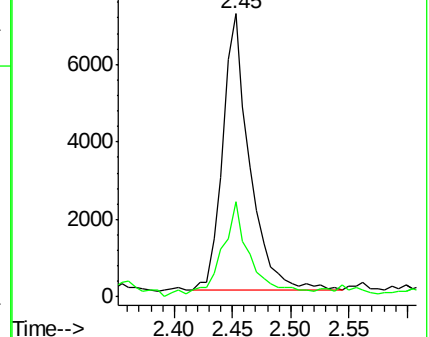
43 100

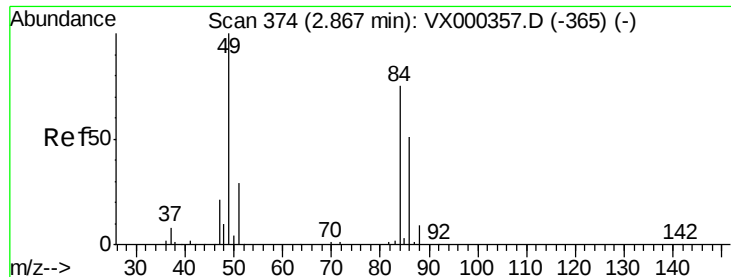
58 31.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

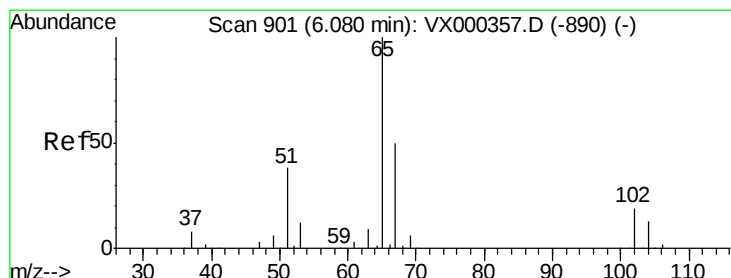
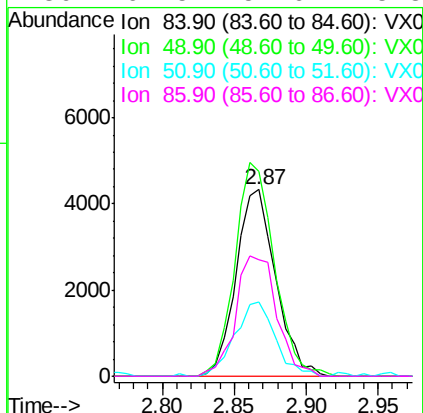
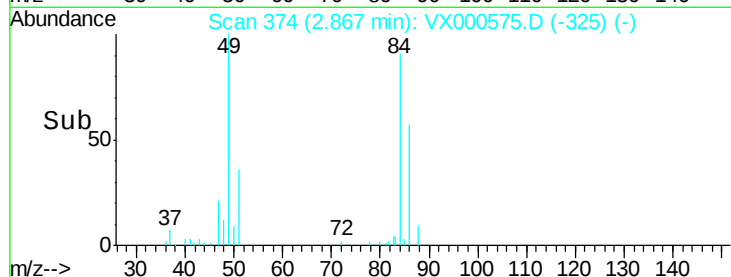
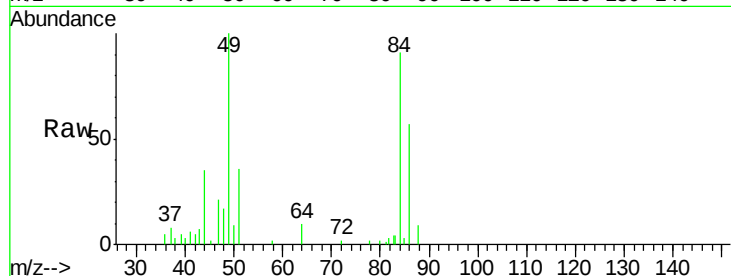




#20
Methvlene Chloride
Concen: 5.06 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000575.D
Acq: 30 Mar 2018 21:47

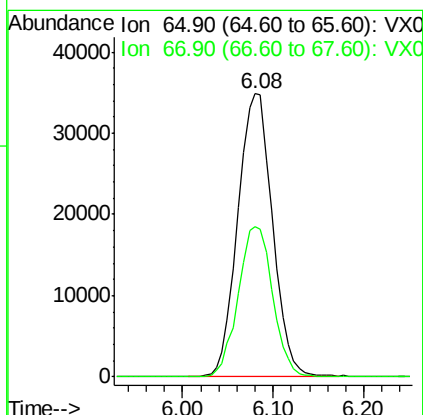
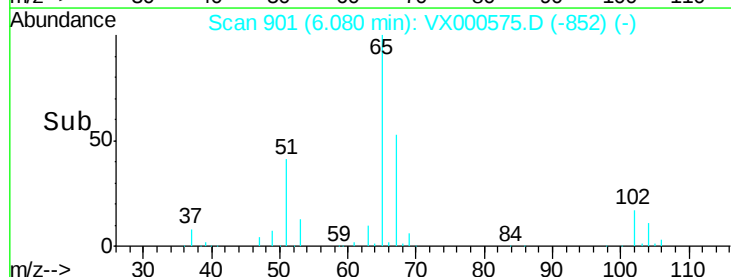
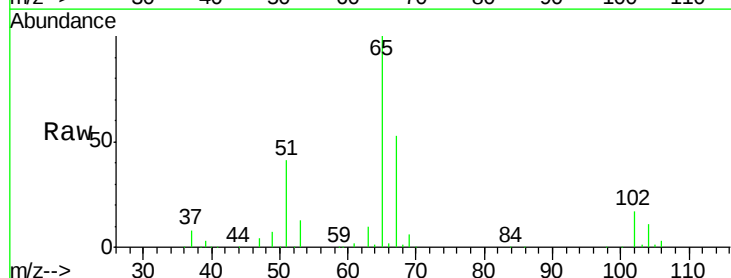
Instrument :
MSVOA_X
ClientSampleId :
CHRT24256-SOIL

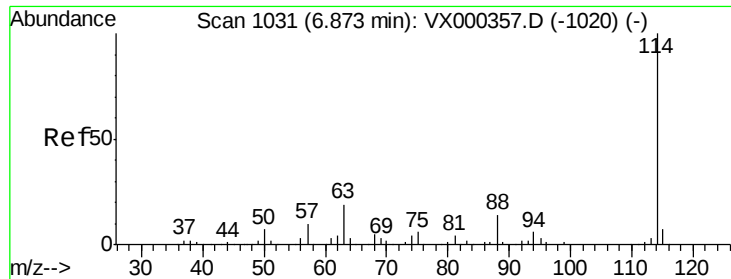
Tot Ion: 84 Resp: 8276
Ion Ratio Lower Upper
84 100
49 109.4 100.6 151.0
51 39.6 31.6 47.4
86 62.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 54.44 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000575.D
Acq: 30 Mar 2018 21:47

Tgt Ion: 65 Resp: 92590
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2

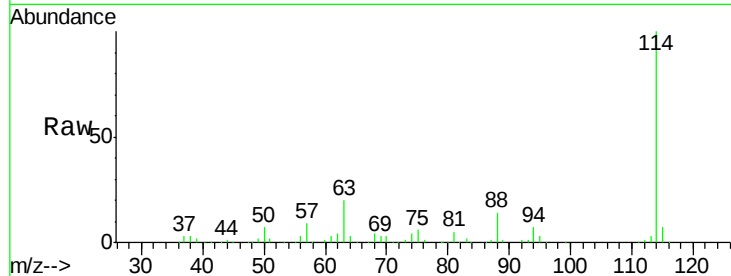




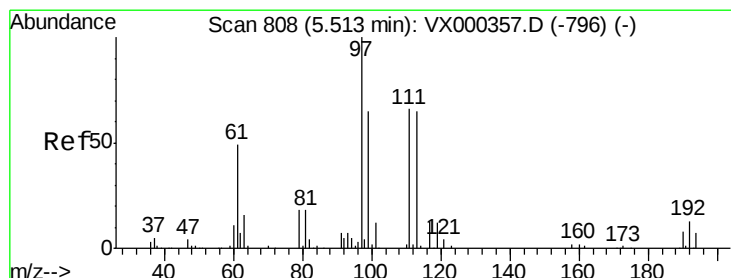
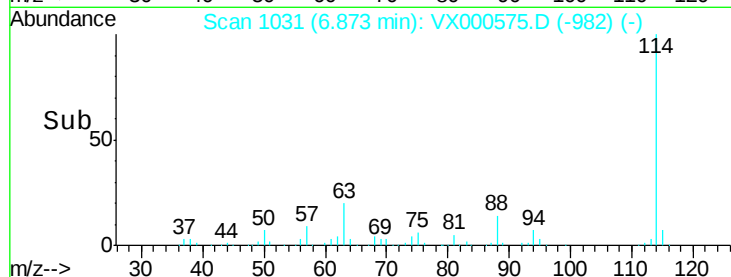
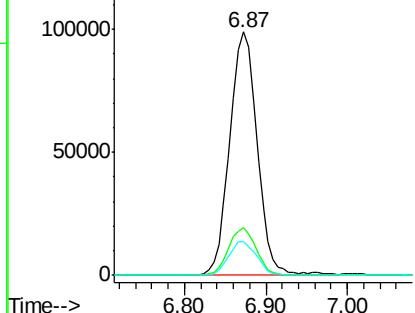
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000575.D
 Acq: 30 Mar 2018 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT24256-SOIL

Tot Ion:114 Resp: 230886
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 13.7 0.0 27.0

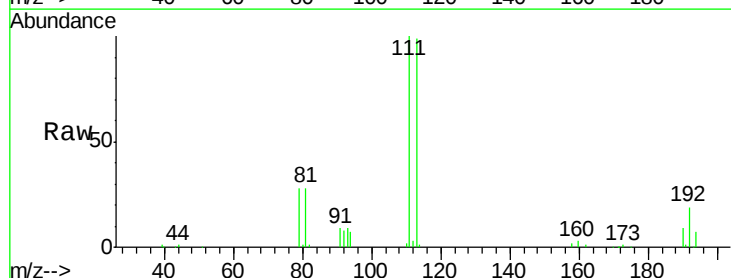


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

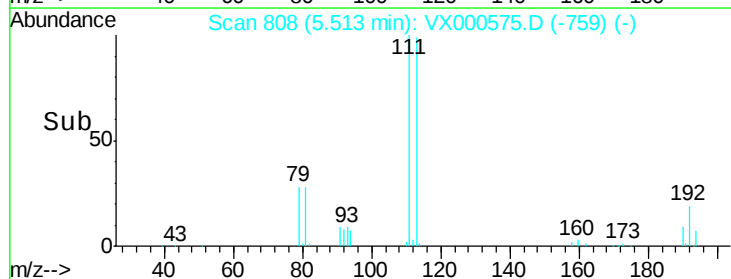
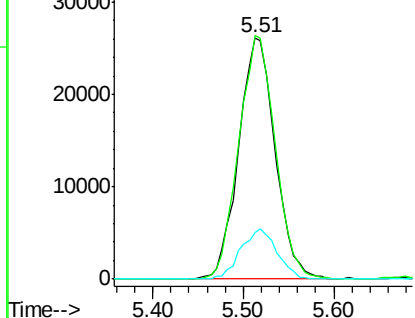


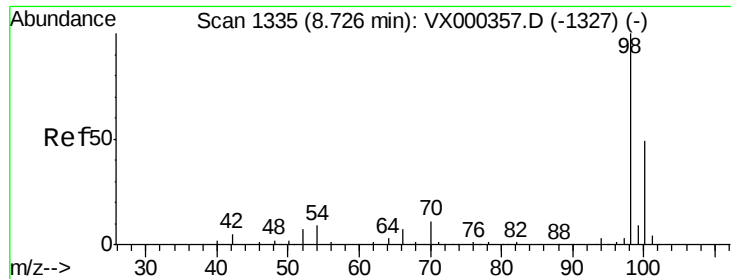
#35
 Dibromofluoromethane
 Concen: 50.04 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000575.D
 Acq: 30 Mar 2018 21:47

Tgt Ion:113 Resp: 72798
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 20.6 15.8 23.6



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: 47.93 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000575.D

Acq: 30 Mar 2018 21:47

Instrument :

MSVOA_X

ClientSampleId :

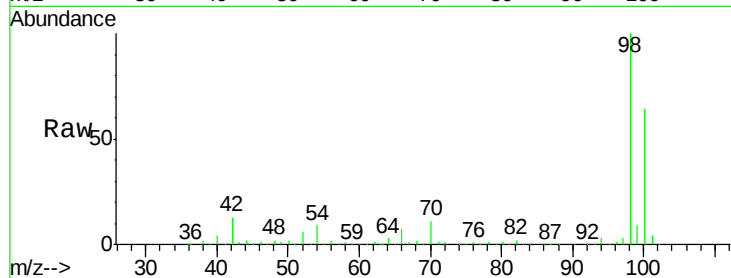
CHRT24256-SOIL

Tot Ion: 98 Resp: 288812

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

200000

150000

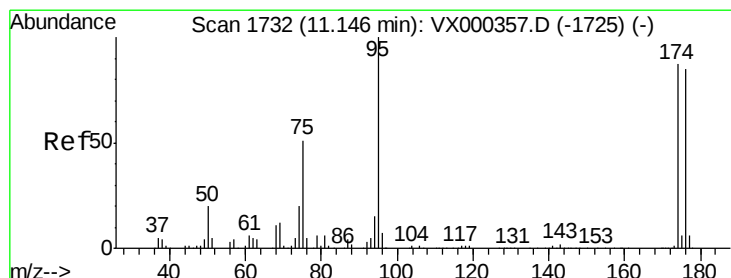
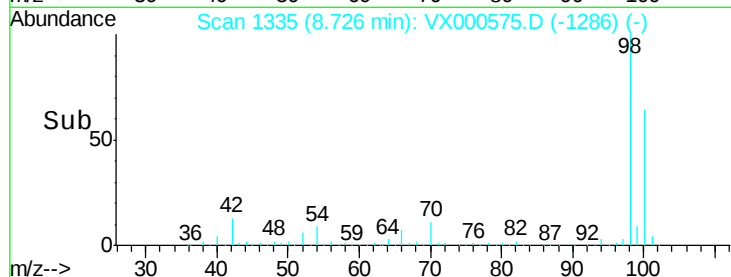
100000

50000

0

8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.45 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000575.D

Acq: 30 Mar 2018 21:47

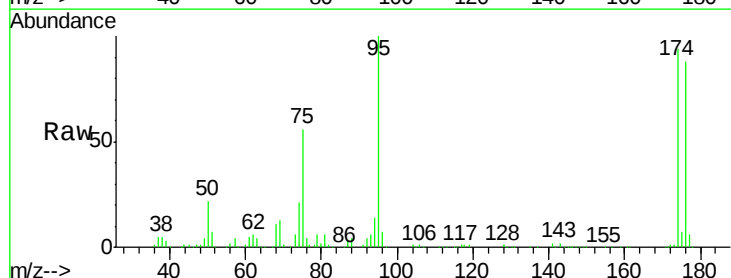
Tgt Ion: 95 Resp: 105381

Ion Ratio Lower Upper

95 100

174 88.8 0.0 173.6

176 84.3 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

100000

80000

60000

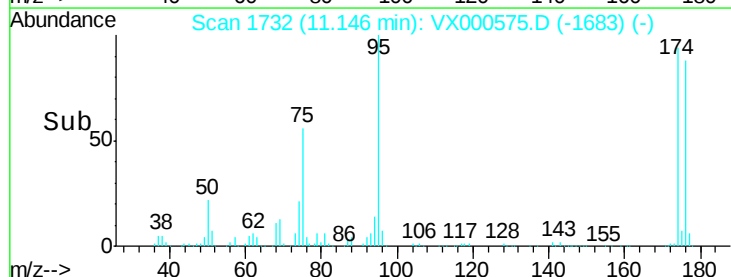
40000

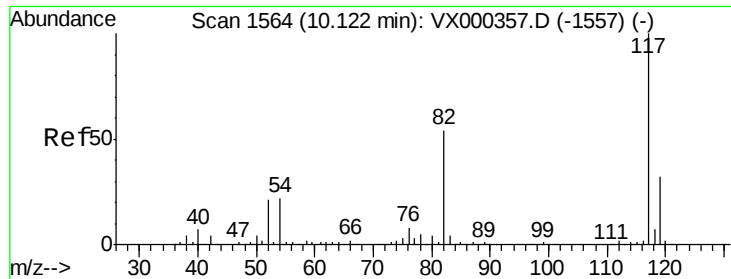
20000

0

11.10 11.15 11.20

Time-->

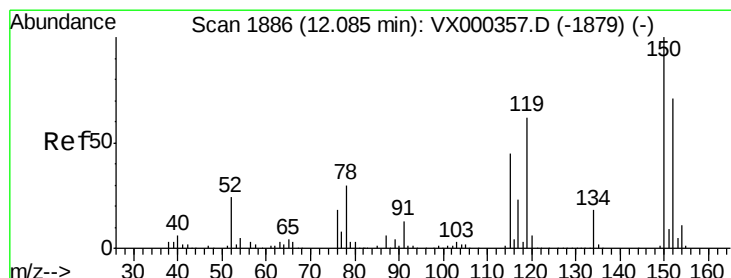
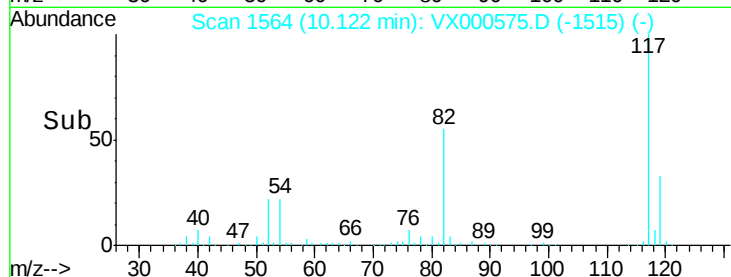
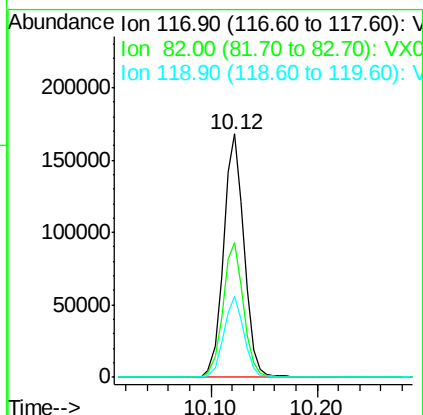
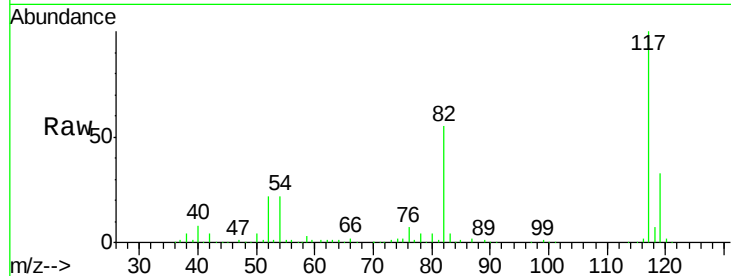




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000575.D
Acq: 30 Mar 2018 21:47

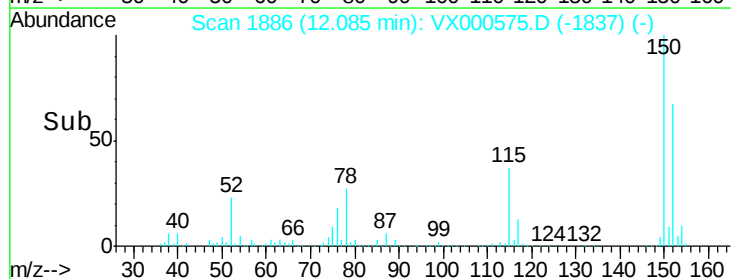
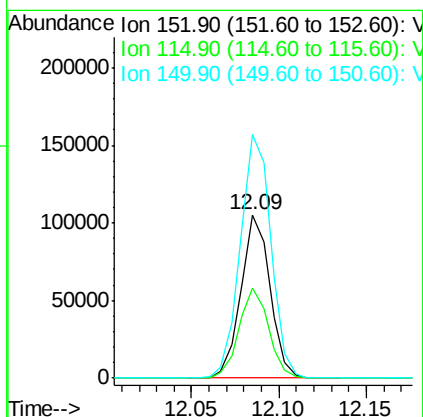
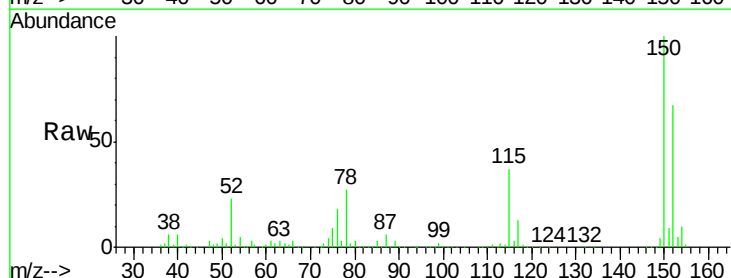
Instrument :
MSVOA_X
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CHRT24256-SOIL

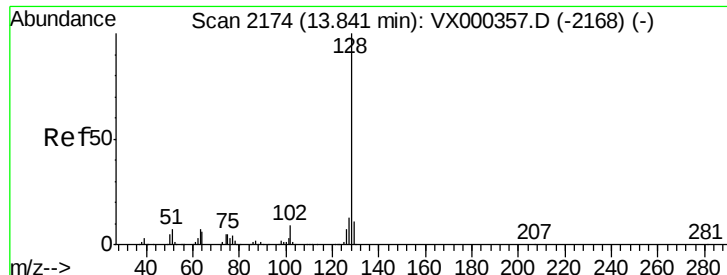
Tot Ion:117 Resp: 227047
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 33.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000575.D
Acq: 30 Mar 2018 21:47

Tgt Ion:152 Resp: 121813
Ion Ratio Lower Upper
152 100
115 56.0 39.8 119.3
150 157.0 0.0 344.4

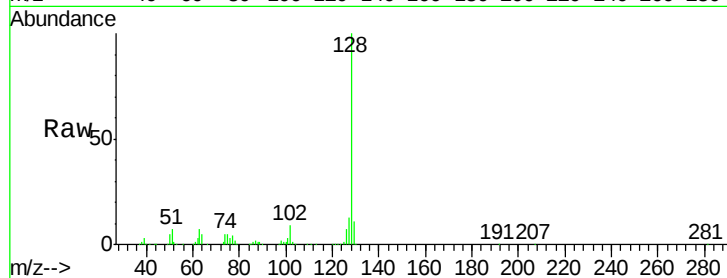




#95
Naphthalene
Concen: 15.70 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000575.D
Acq: 30 Mar 2018 21:47

Instrument :
MSVOA_X
ClientSampleId :
CHRT24256-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.8	8.9	13.3



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

