

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001501.D
 Acq On : 08 May 2018 07:45
 Operator : JC/MD
 Sample : J2736-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-SOIL

Quant Time: May 08 08:24:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	183052	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	179447	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	5.51	113	138738	42.52	ug/l	0.00
Spiked Amount			Recovery	=	85.04%	
50) Toluene-d8	8.72	98	507021	42.57	ug/l	0.00
Spiked Amount			Recovery	=	85.14%	
62) 4-Bromofluorobenzene	11.14	95	169839	37.15	ug/l	0.00
Spiked Amount			Recovery	=	74.30%	

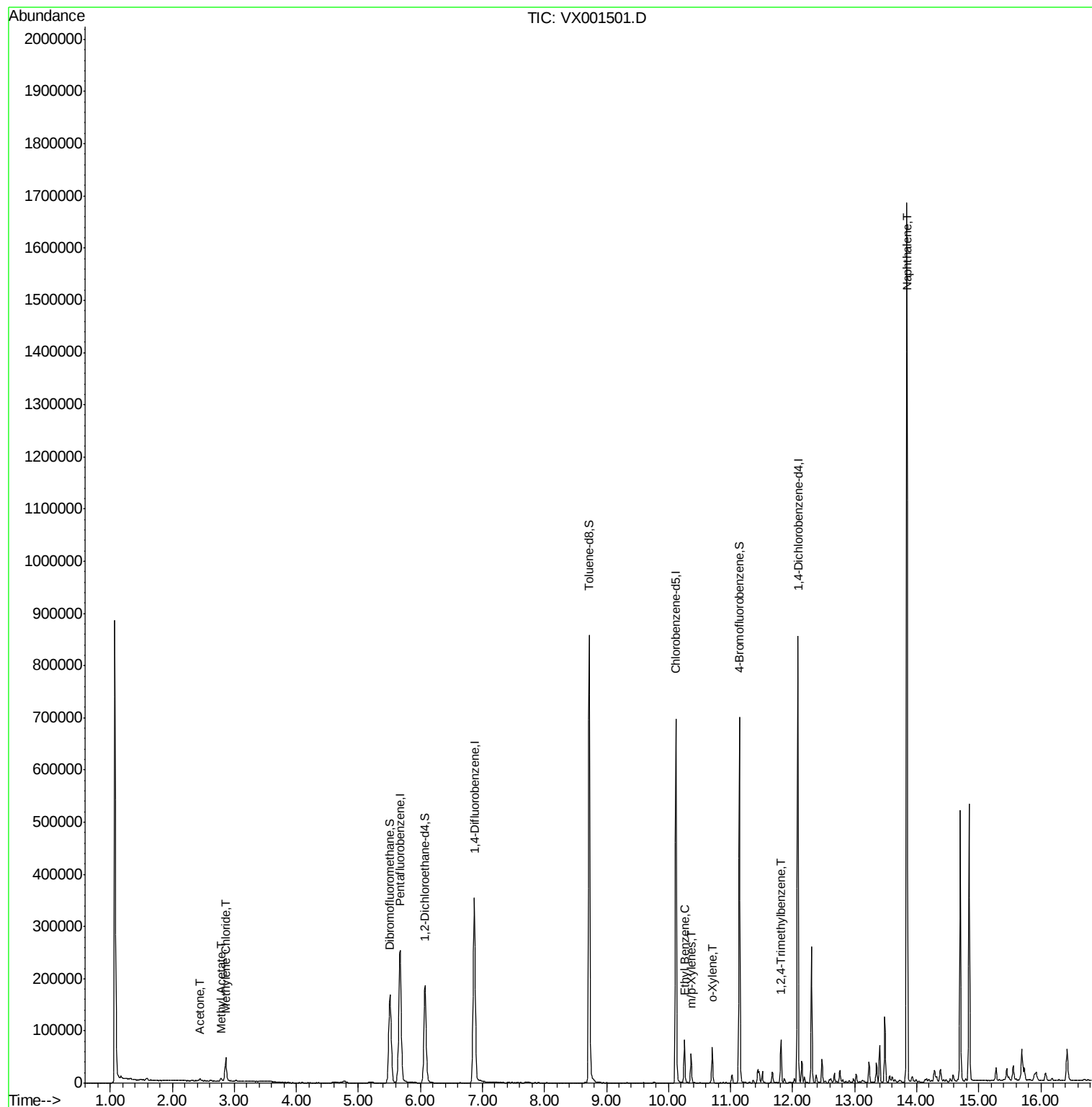
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4685	2.69	ug/l	95
18) Methyl Acetate	2.78	43	5916	1.29	ug/l	94
20) Methylene Chloride	2.86	84	20671	6.00	ug/l	96
67) Ethyl Benzene	10.26	91	45971	2.95	ug/l	99
68) m/p-Xylenes	10.36	106	13470	2.19	ug/l	100
69) o-Xylene	10.70	106	14967	2.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	34726	3.20	ug/l	98
95) Naphthalene	13.84	128	1015432	74.88	ug/l	100

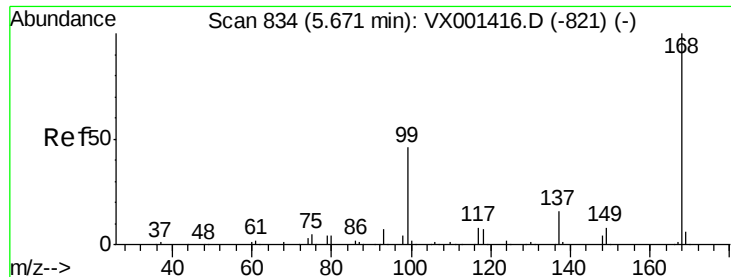
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001501.D

Acq: 08 May 2018 07:45

Instrument :

MSVOA_X

ClientSampled :

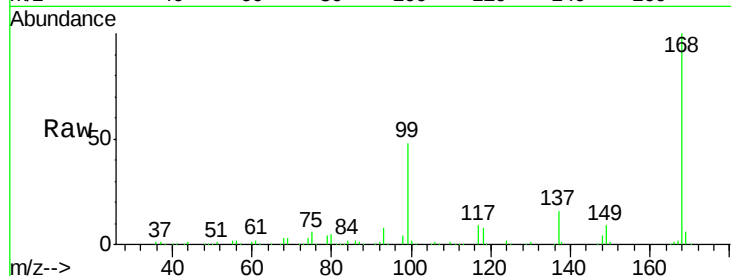
MS-SOIL

Tot Ion:168 Resp: 266486

Ion Ratio Lower Upper

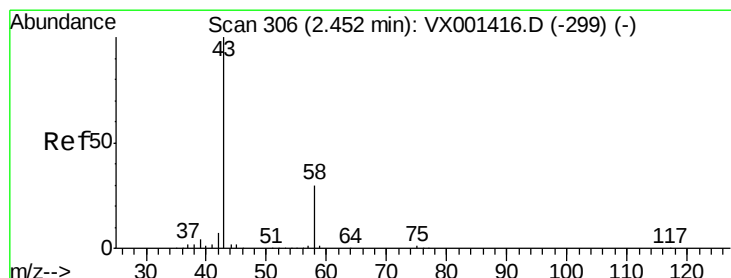
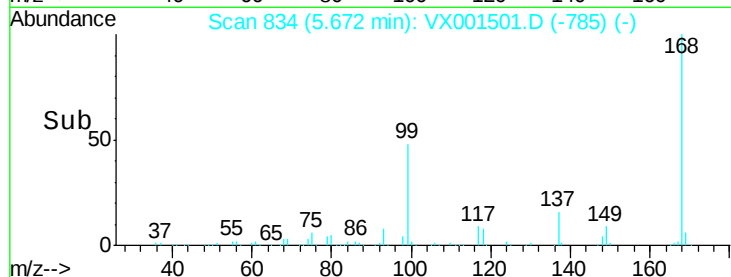
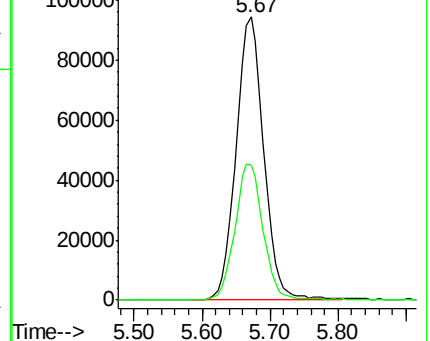
168 100

99 47.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001501.D

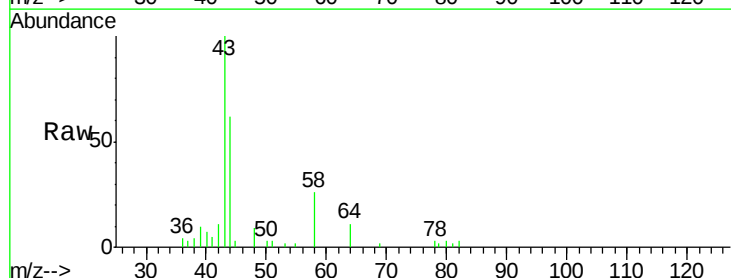
Acq: 08 May 2018 07:45

Tgt Ion: 43 Resp: 4685

Ion Ratio Lower Upper

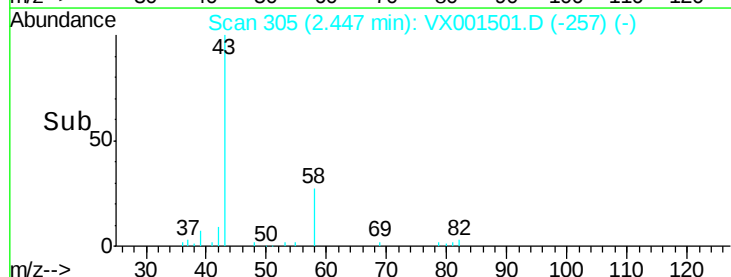
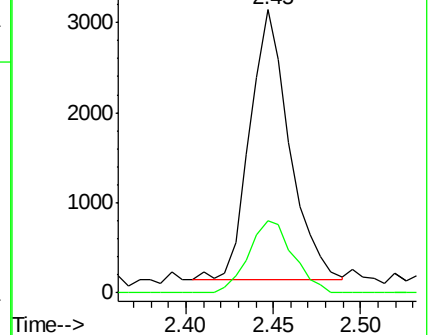
43 100

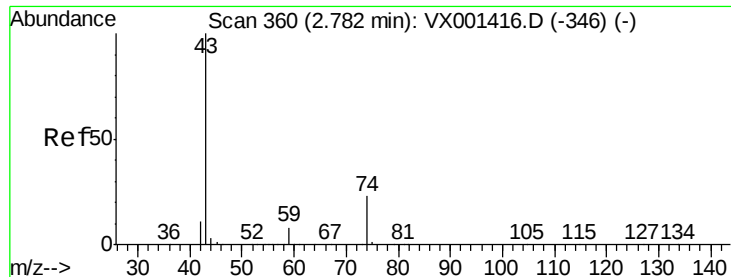
58 27.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

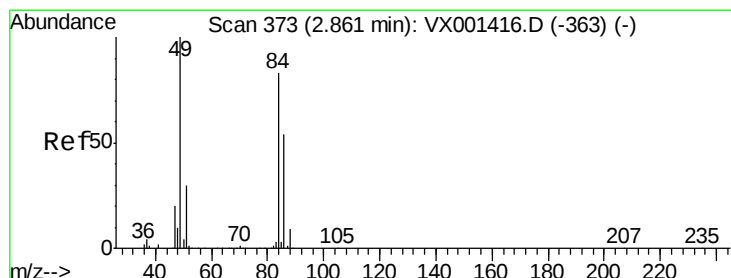
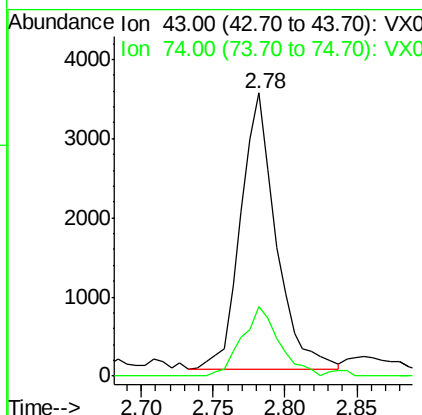
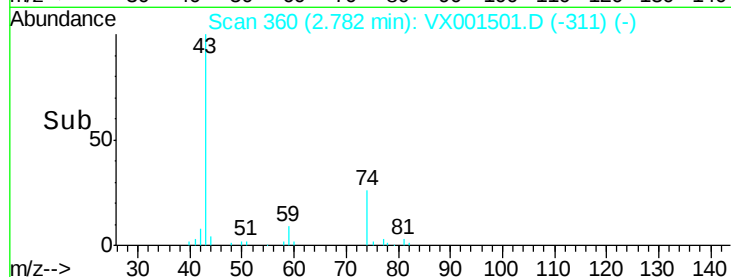
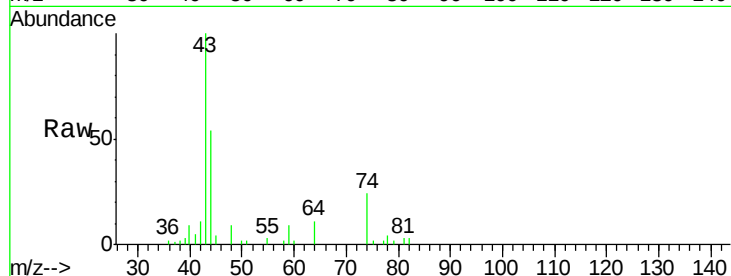




#18
Methvl Acetate
Concen: 1.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

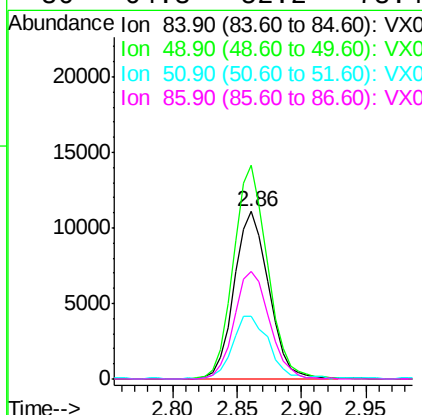
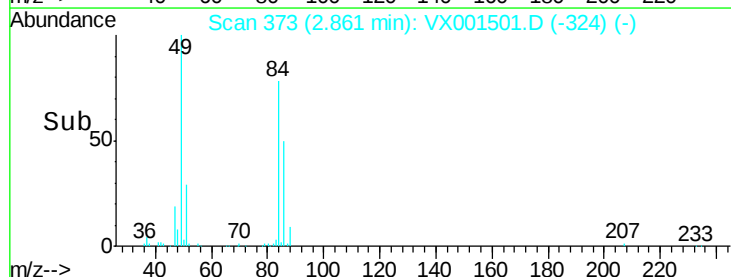
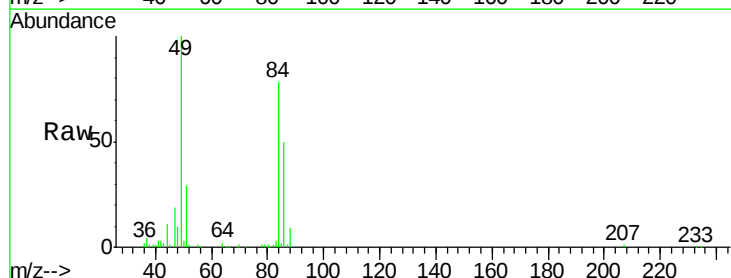
Instrument :
MSVOA_X
ClientSampleId :
MS-SOIL

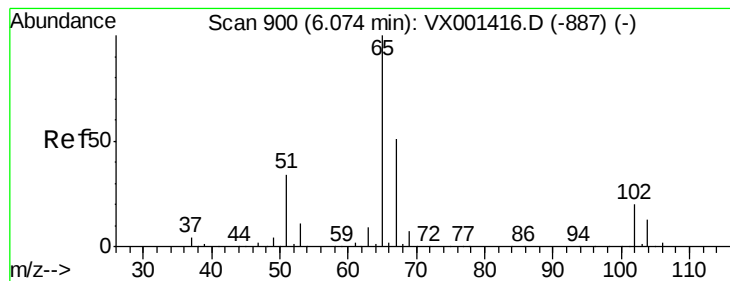
Tot Ion: 43 Resp: 5916
Ion Ratio Lower Upper
43 100
74 26.4 18.6 27.8



#20
Methylene Chloride
Concen: 6.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

Tgt Ion: 84 Resp: 20671
Ion Ratio Lower Upper
84 100
49 127.8 96.6 144.8
51 36.8 29.0 43.4
86 64.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001501.D

Acq: 08 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

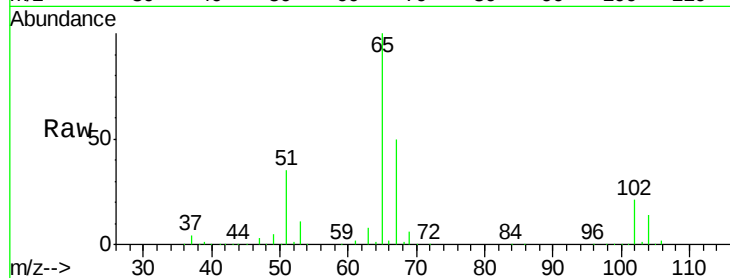
MS-SOIL

Tot Ion: 65 Resp: 179447

Ion Ratio Lower Upper

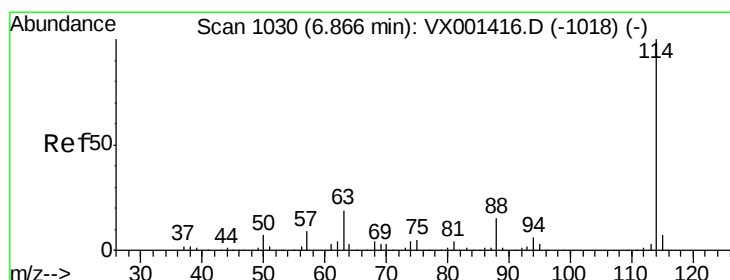
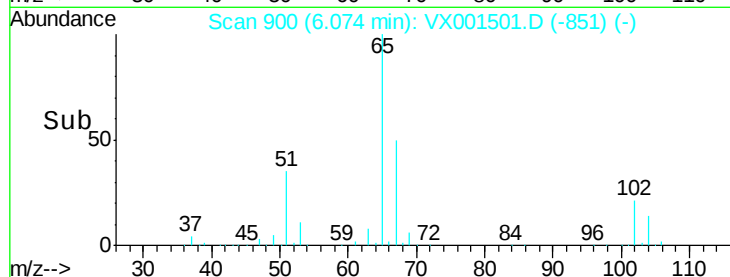
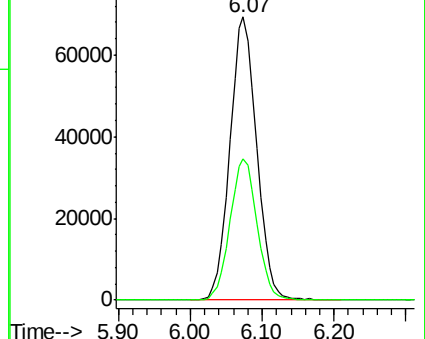
65 100

67 50.2 0.0 101.8



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001501.D

Acq: 08 May 2018 07:45

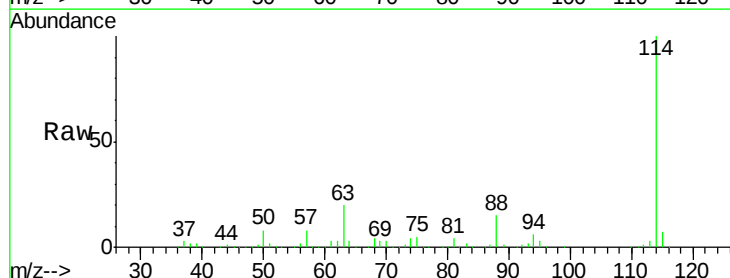
Tgt Ion: 114 Resp: 366836

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

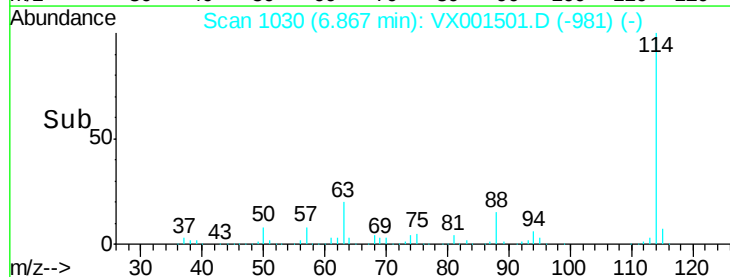
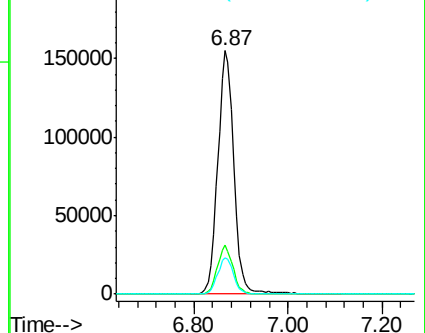
88 15.1 0.0 30.8

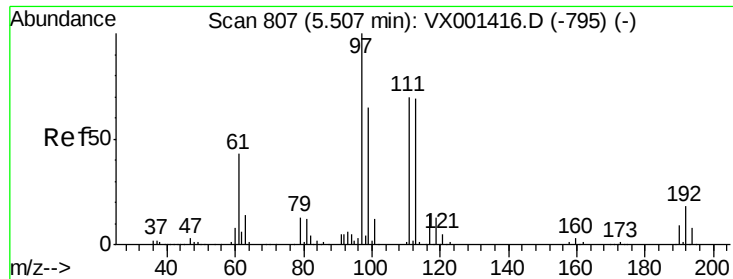


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

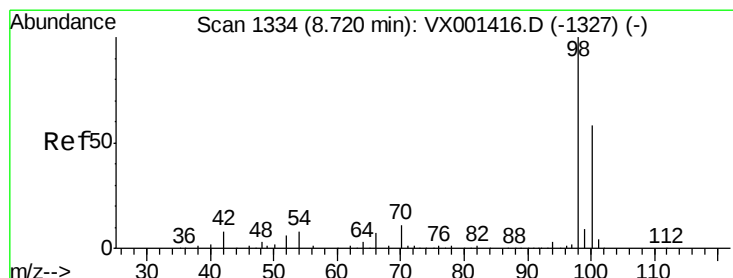
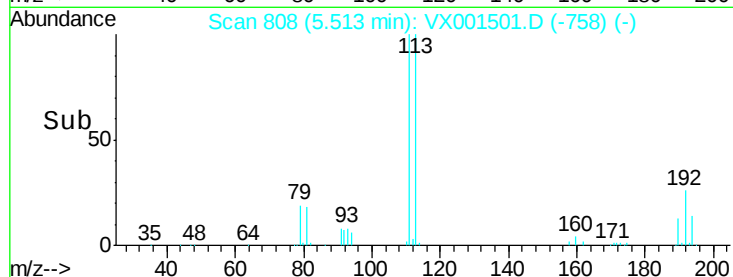
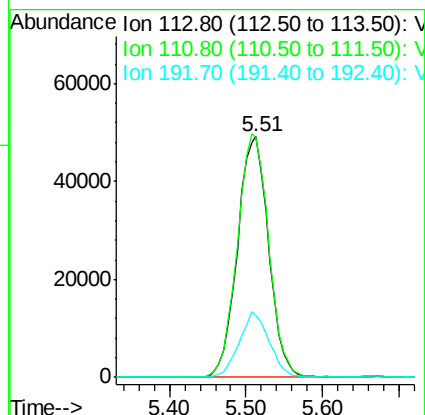
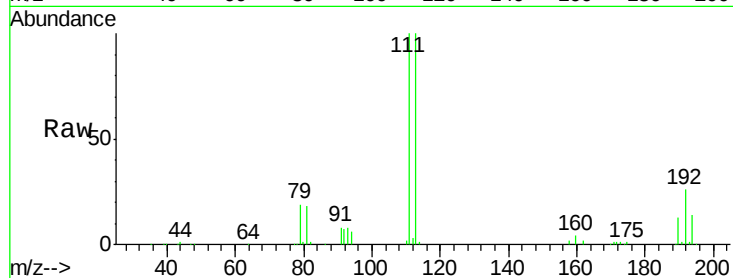




#35
Dibromofluoromethane
Concen: 42.52 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

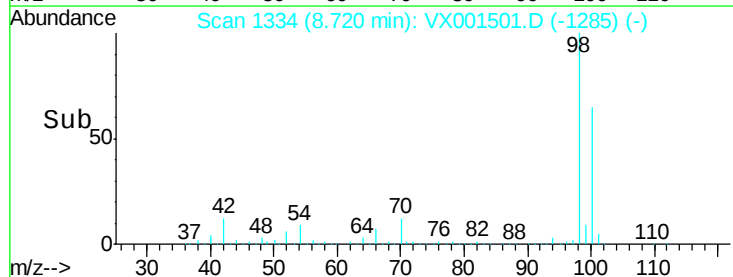
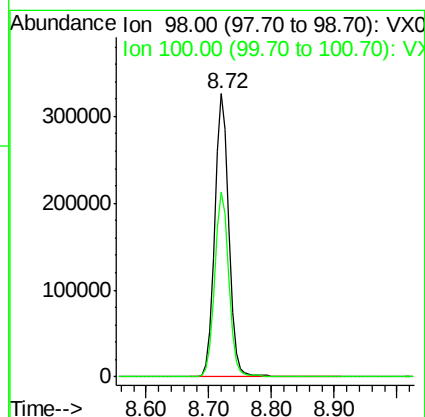
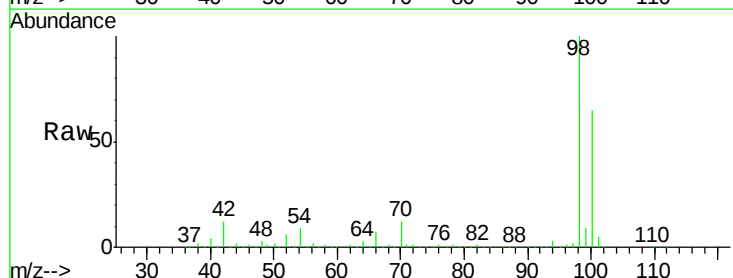
Instrument :
MSVOA_X
ClientSampleId :
MS-SOIL

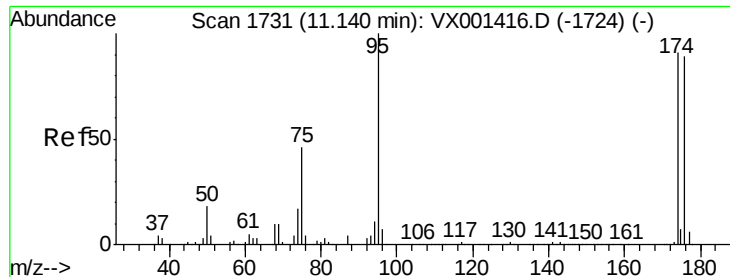
Tot Ion:113 Resp: 138738
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 26.2 21.4 32.0



#50
Toluene-d8
Concen: 42.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

Tgt Ion: 98 Resp: 507021
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0

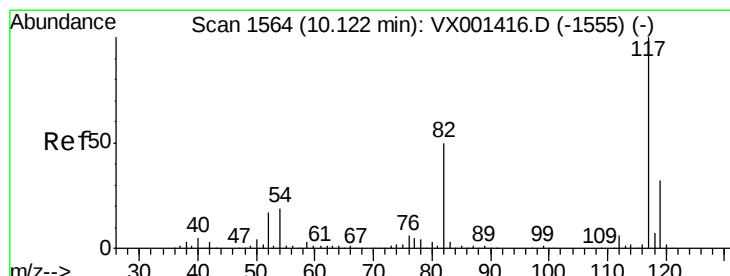
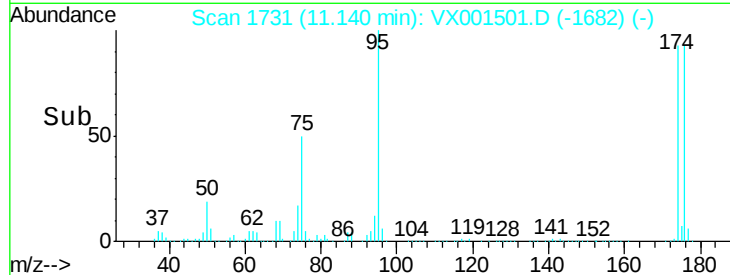
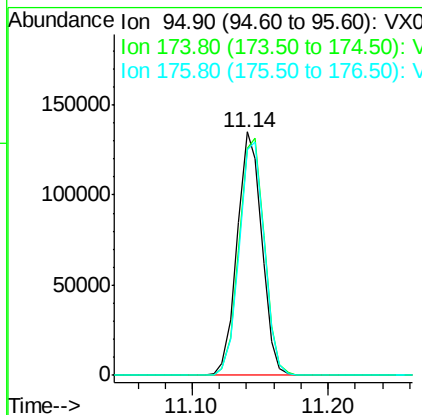
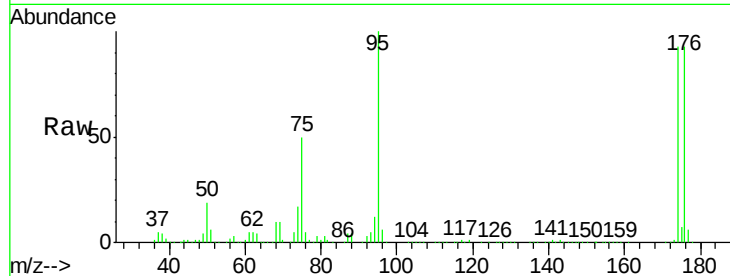




#62
4-Bromofluorobenzene
Concen: 37.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

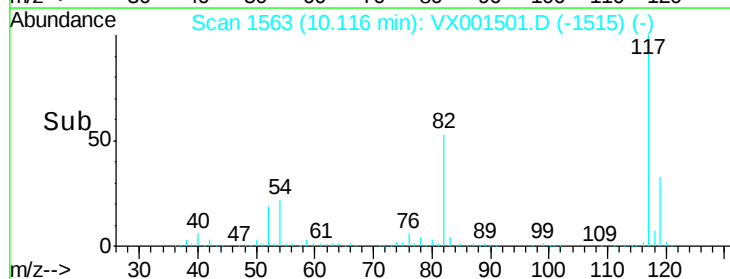
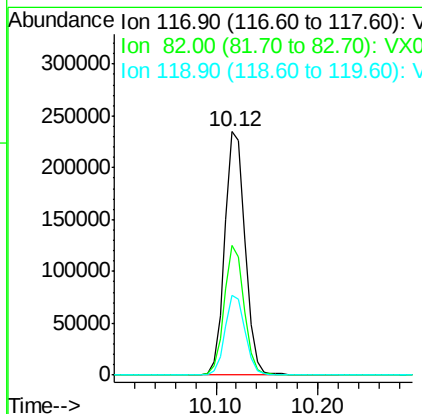
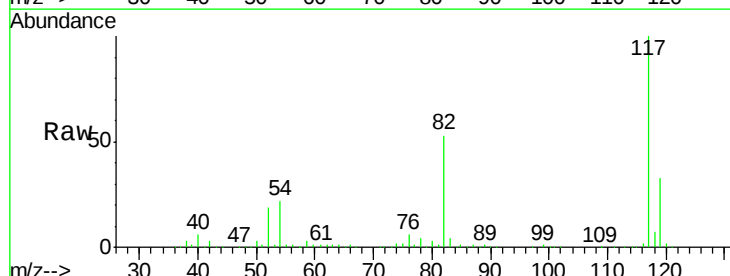
Instrument :
MSVOA_X
ClientSampleId :
MS-SOIL

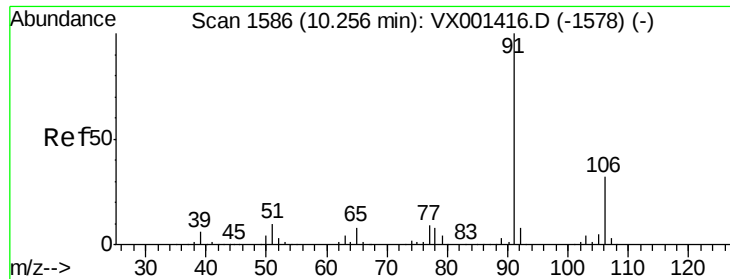
Tot Ion: 95 Resp: 169839
Ion Ratio Lower Upper
95 100
174 100.1 0.0 202.0
176 98.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

Tgt Ion: 117 Resp: 323979
Ion Ratio Lower Upper
117 100
82 53.4 40.0 60.0
119 33.0 25.8 38.8

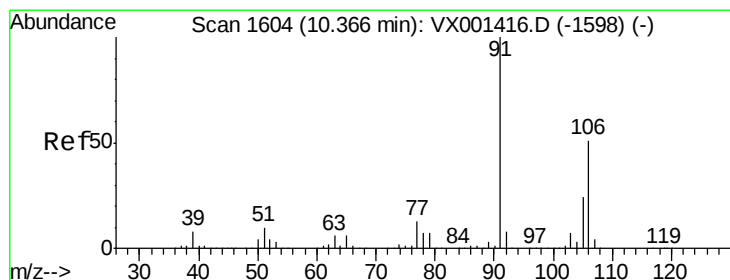
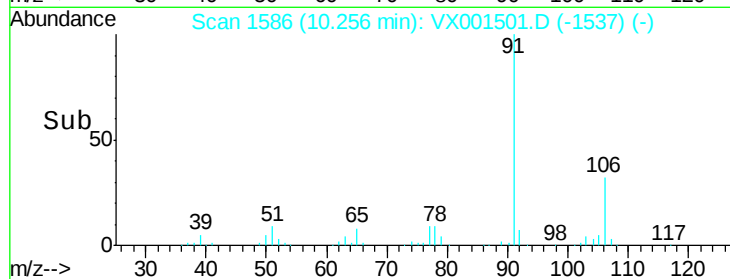
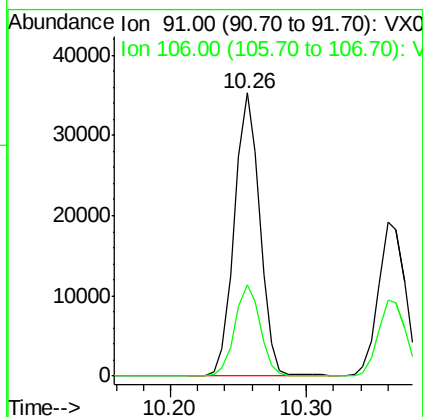
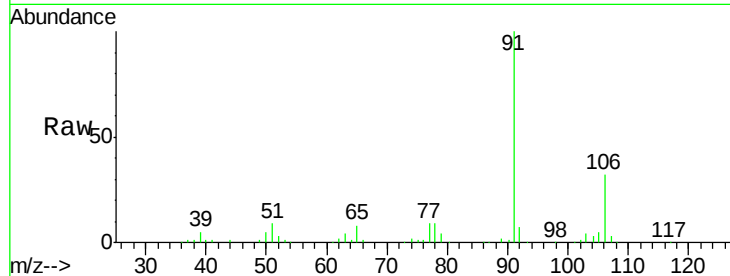




#67
Ethyl Benzene
Concen: 2.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

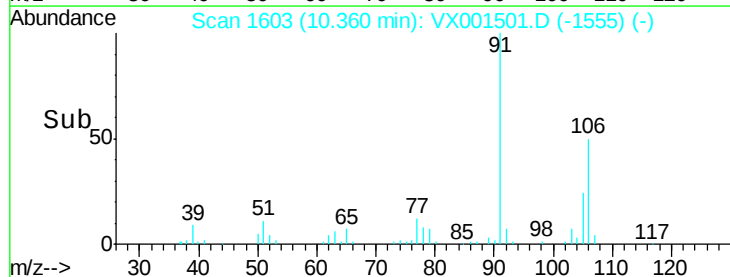
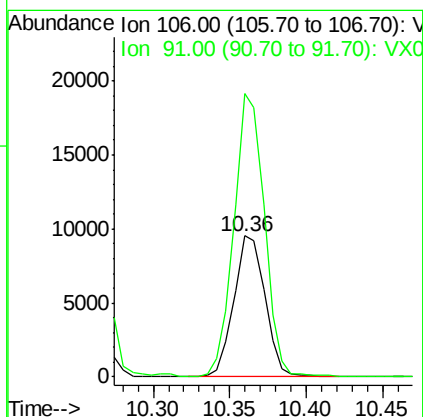
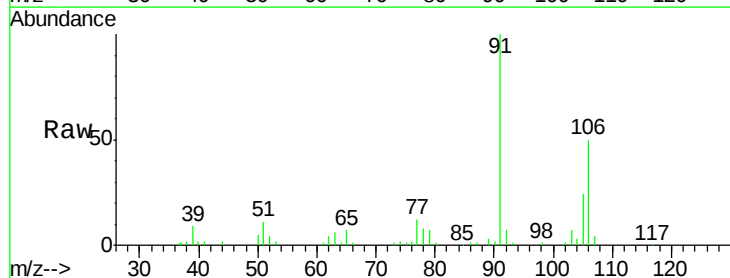
Instrument :
MSVOA_X
ClientSampled :
MS-SOIL

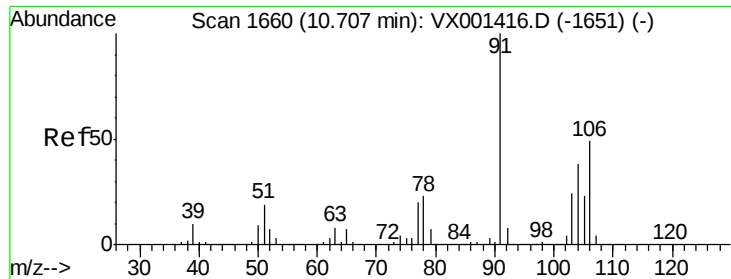
Tot Ion: 91 Resp: 45971
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

Tgt Ion: 106 Resp: 13470
Ion Ratio Lower Upper
106 100
91 196.5 157.5 236.3

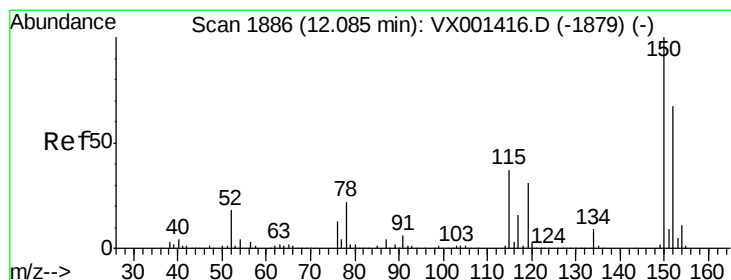
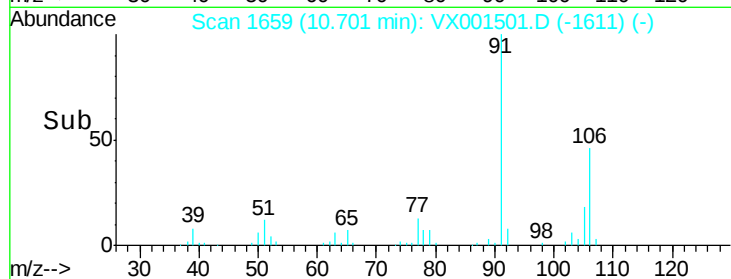
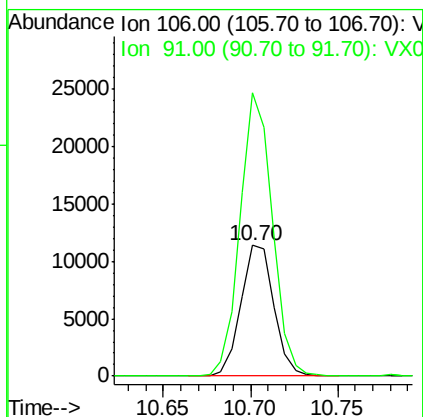
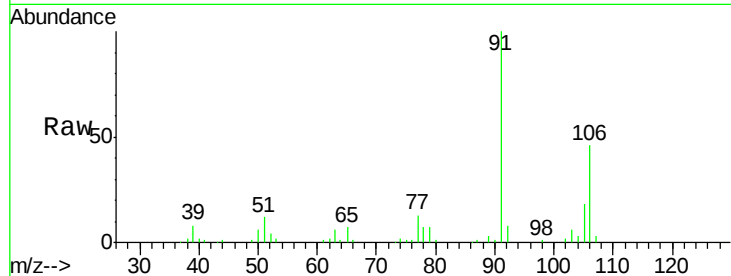




#69
o-Xylene
Concen: 2.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

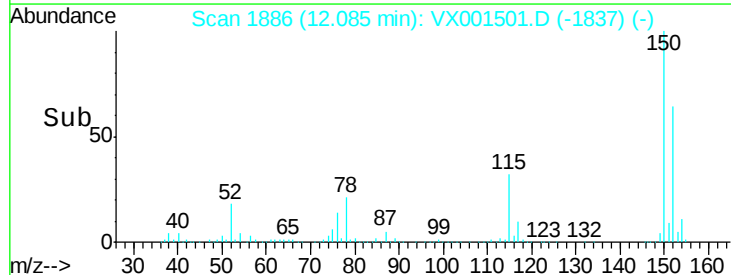
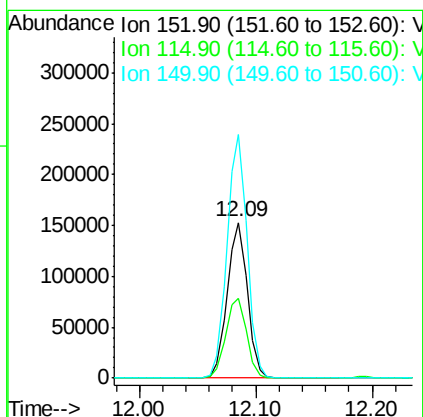
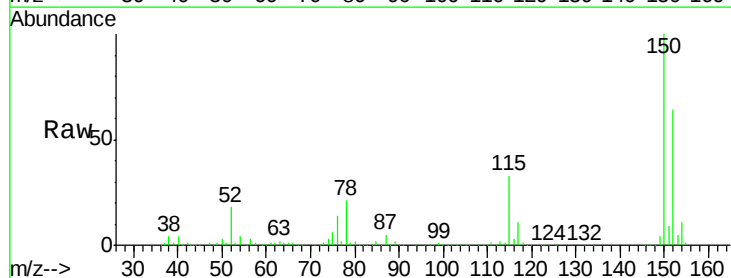
Instrument :
MSVOA_X
ClientSampled :
MS-SOIL

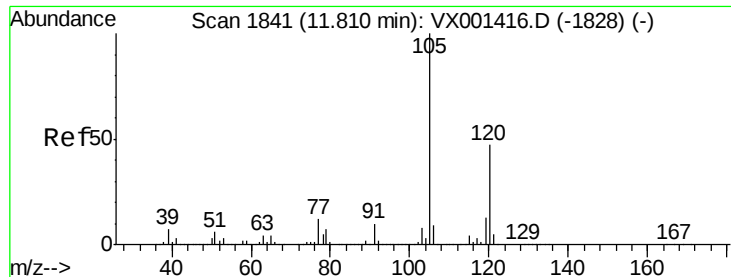
Tot Ion:106 Resp: 14967
Ion Ratio Lower Upper
106 100
91 211.6 103.1 309.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001501.D
Acq: 08 May 2018 07:45

Tgt Ion:152 Resp: 183052
Ion Ratio Lower Upper
152 100
115 52.8 37.7 113.1
150 156.3 0.0 349.4





#84

1,2,4-Trimethylbenzene

Concen: 3.20 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001501.D

Acq: 08 May 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

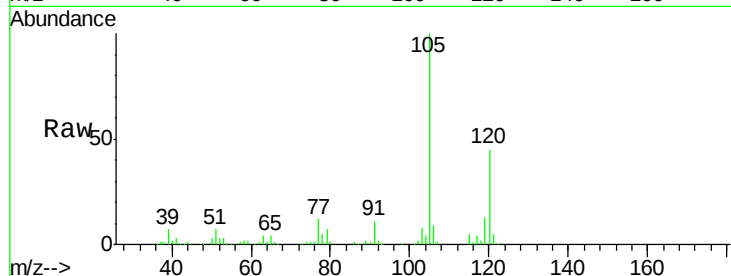
MS-SOIL

Tot Ion:105 Resp: 34726

Ion Ratio Lower Upper

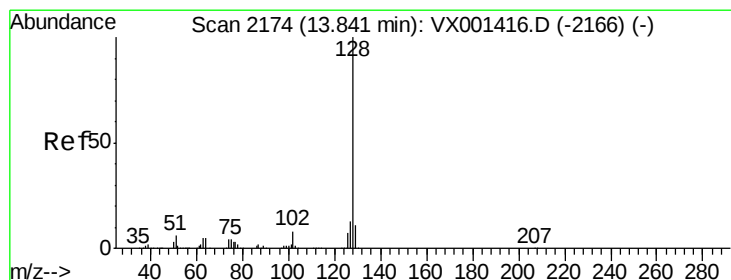
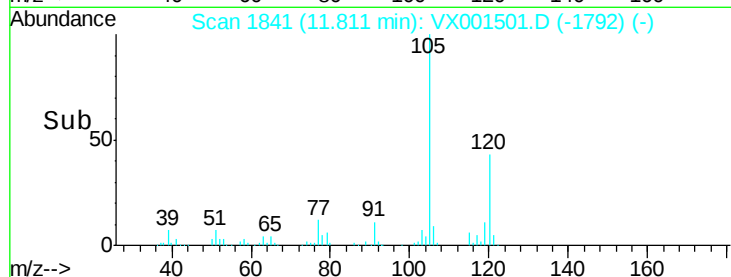
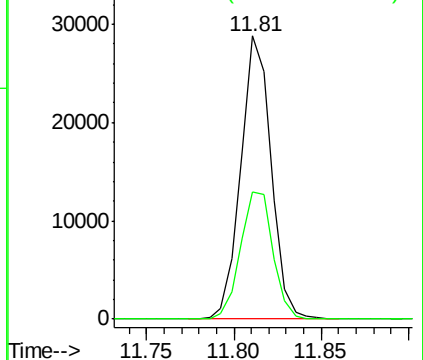
105 100

120 48.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 74.88 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001501.D

Acq: 08 May 2018 07:45

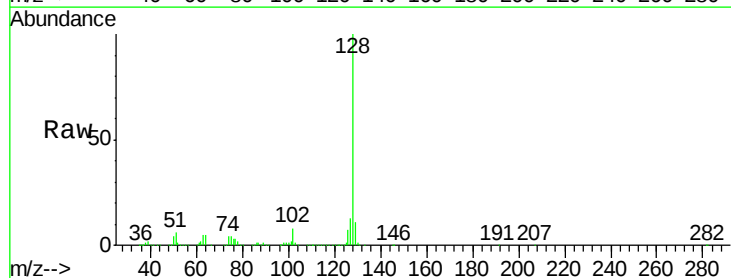
Tgt Ion:128 Resp: 1015432

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.7 13.1



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

