Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\

Quantitation Report (Not Reviewed)

Data File : VX001610.D
Acq On : 10 May 2018 19:01
Operator : JC/MD
Sample : J1585-21 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FMS-SOIL-2

Quant Time: May 11 06:59:09 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	233641	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	317909	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	279496	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149177	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	156158	46.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.00%				
35) Dibromofluoromethane	5.51	113	123160	43.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.10%				
50) Toluene-d8	8.72	98	432396	41.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.78%				
62) 4-Bromofluorobenzene	11.14	95	139381	35.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.36%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	988	Below Cal		#	79
8) Diethyl Ether	2.19	74	1250	0.66	ug/l		97
10) Methyl Iodide	2.53	142	1005	0.25	ug/l		98
11) Tert butyl alcohol	3.03	59	3129	4.42	ug/l	#	83
13) Acrolein	2.29	56	24	Below Cal		#	1
14) Allyl chloride	2.86	41	50980	10.58	ug/l	#	26
16) Acetone	2.45	43	4932	3.23	ug/l		95
18) Methyl Acetate	2.78	43	8078	2.02	ug/l		100
20) Methylene Chloride	2.86	84	1329289	440.28	ug/l		98
25) 2-Butanone	4.72	43	1690	0.77	ug/l		91
29) Tetrahydrofuran	5.17	42	338	0.24	ug/l	#	88
31) Cyclohexane	5.67	56	4304	1.00	ug/l	#	38
36) 1,1-Dichloropropene	5.67	75	14794	3.66	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	20542	4.76	ug/l	#	16
76) 1,2,3-Trichloropropane	11.14	75	70100	23.17	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	70100	71.83	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	1928	0.22	ug/l		100
95) Naphthalene	13.84	128	96535	8.74	ug/l		99

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

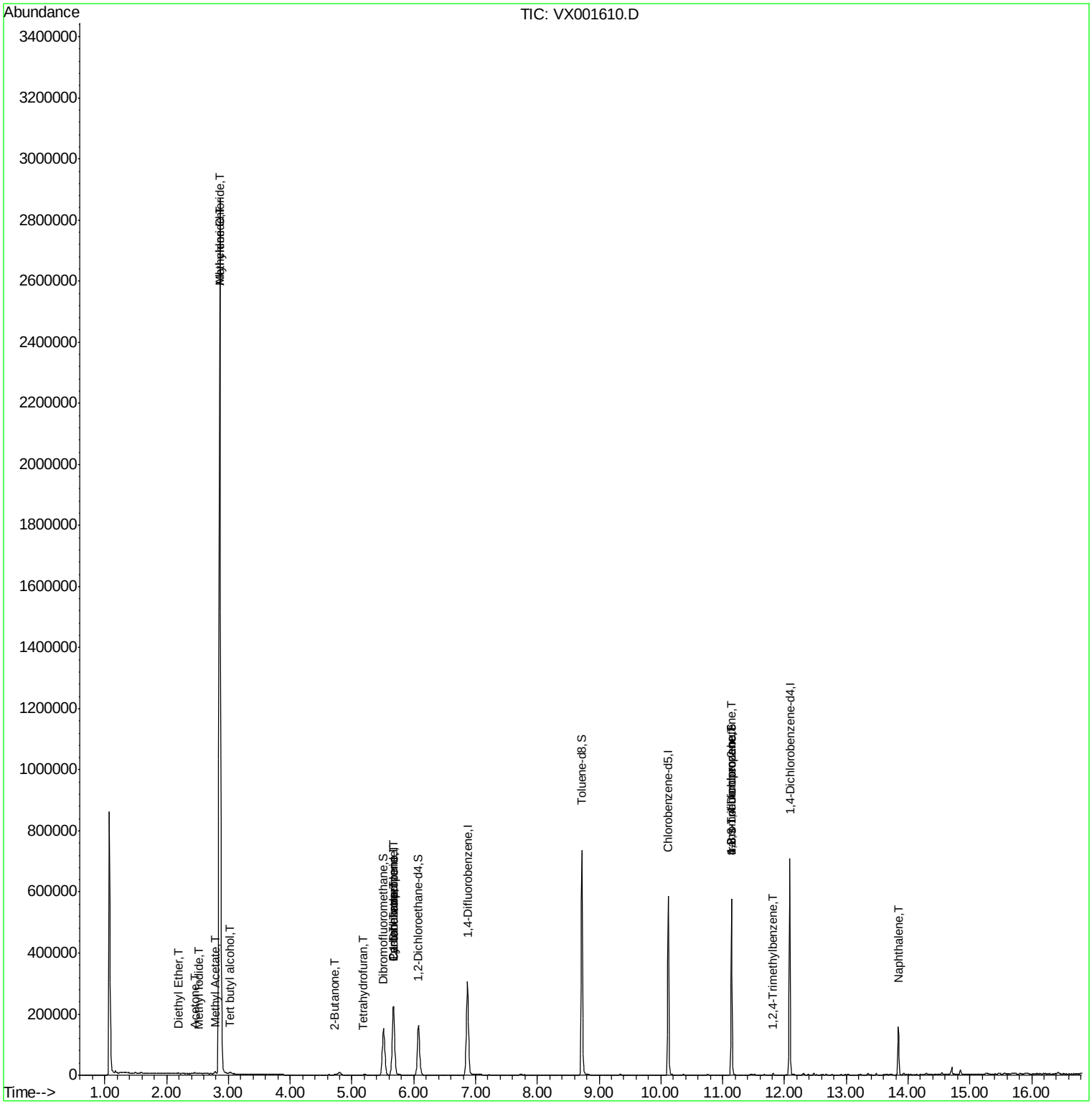
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\

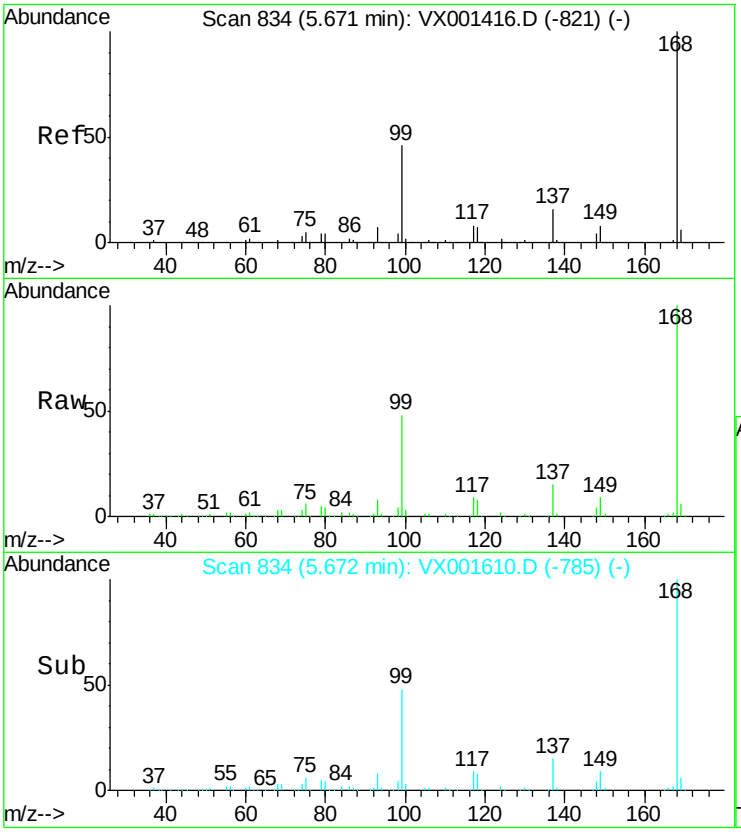
Quantitation Report (Not Reviewed)

Data File : VX001610.D
Acq On : 10 May 2018 19:01
Operator : JC/MD
Sample : J1585-21 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FMS-SOIL-2

Quant Time: May 11 06:59:09 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



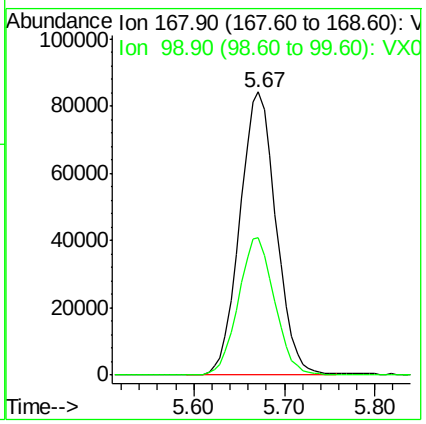


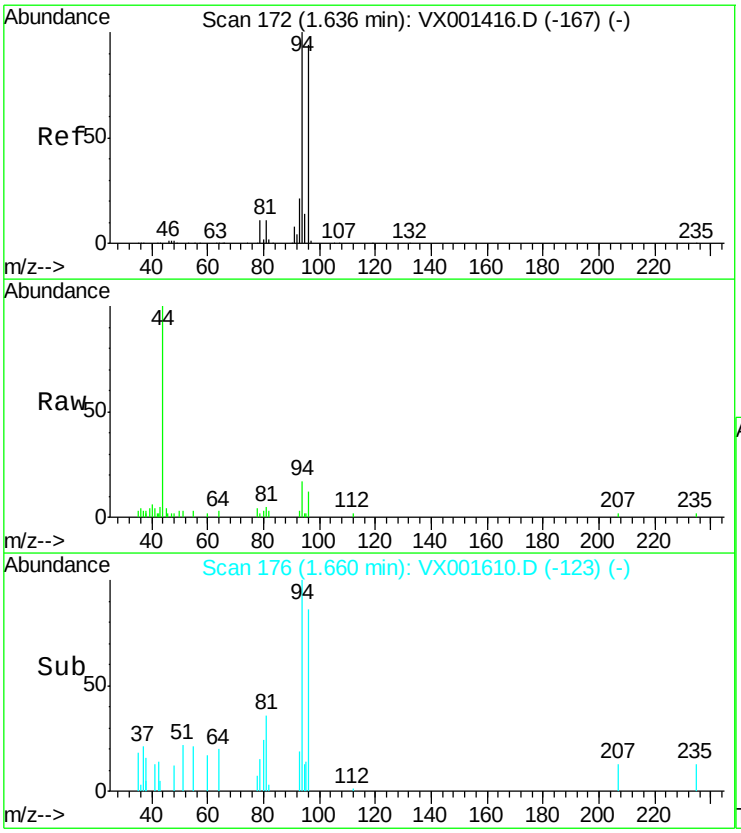
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion:168 Resp: 233641

Ion	Ratio	Lower	Upper
168	100		
99	48.5	36.6	54.8

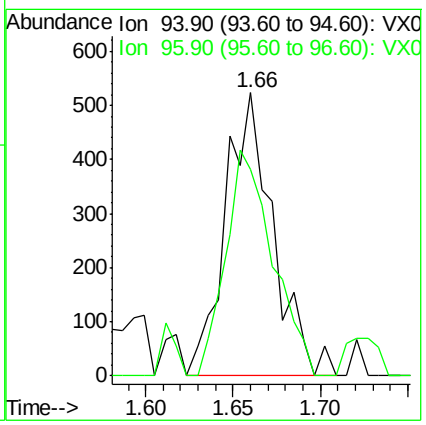


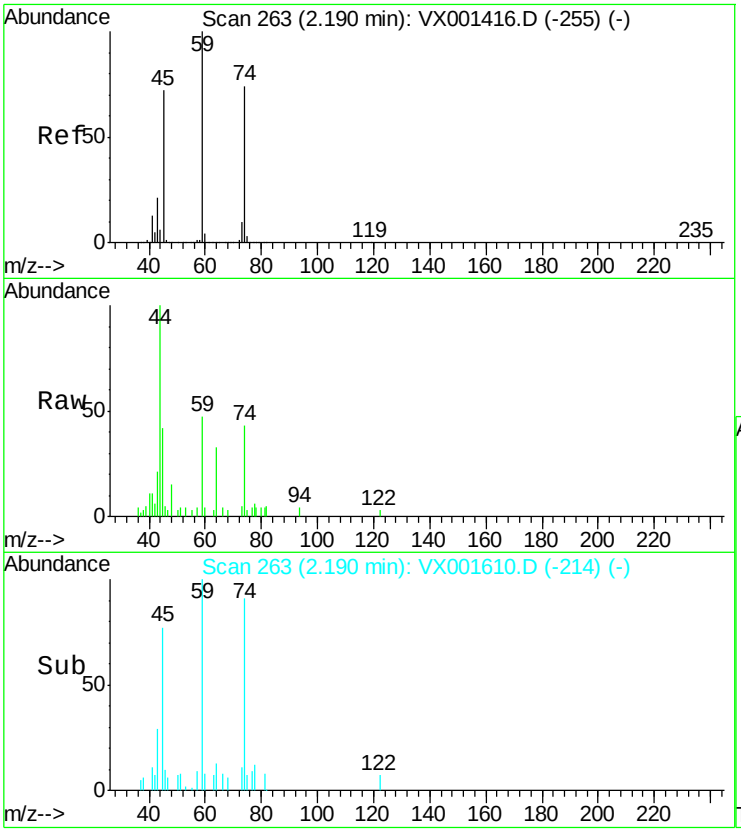


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 94 Resp: 988

Ion	Ratio	Lower	Upper
94	100		
96	73.2	75.0	112.6#



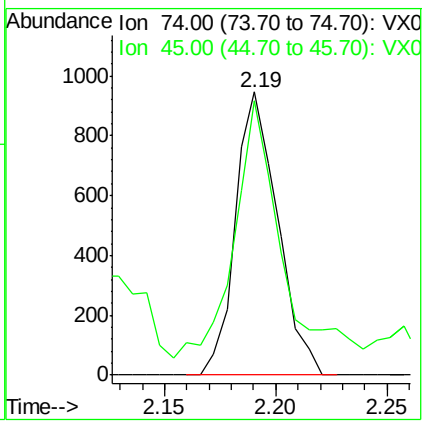


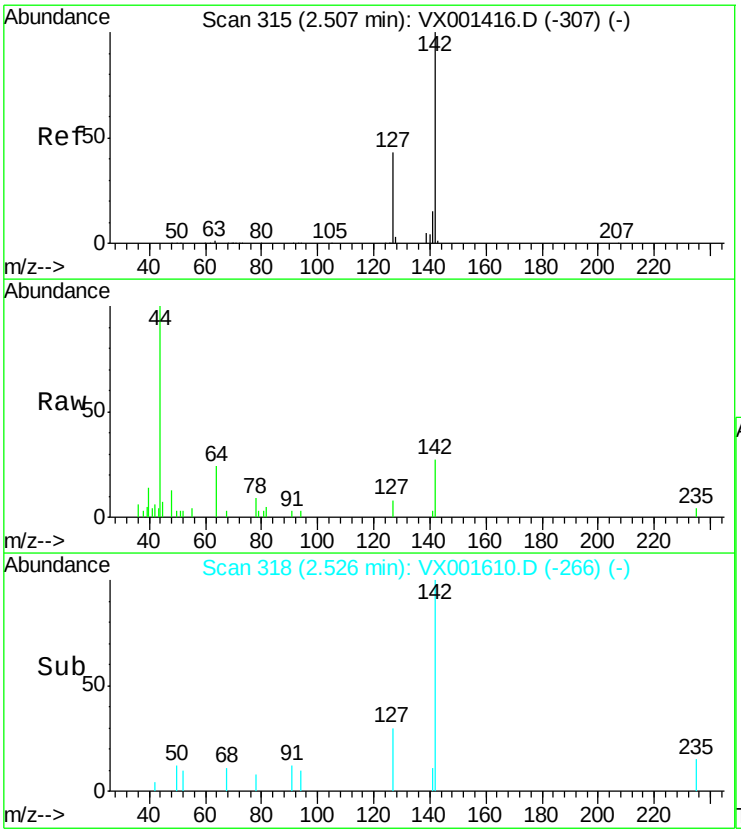
#8
Diethyl Ether
Concen: 0.66 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 74 Resp: 1250

Ion	Ratio	Lower	Upper
74	100		
45	98.5	47.9	143.6

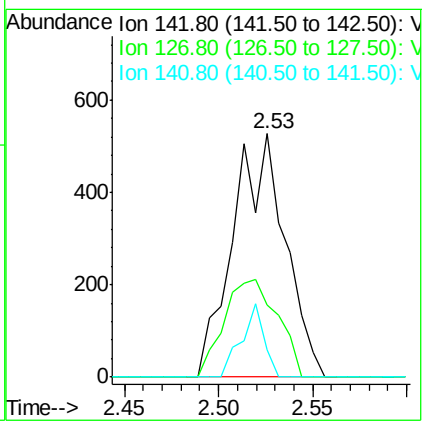


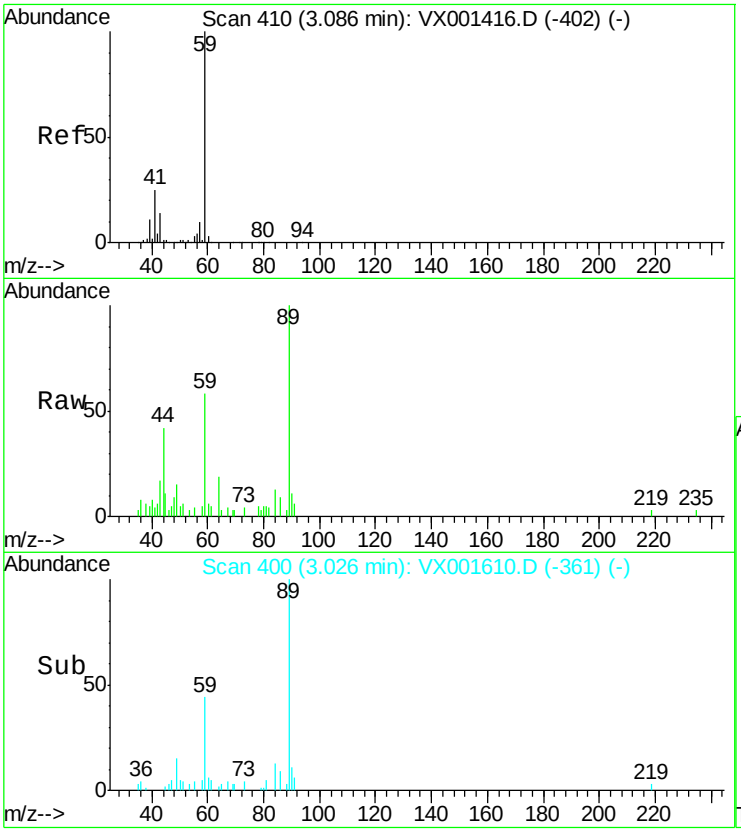


#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion:142 Resp: 1005

Ion	Ratio	Lower	Upper
142	100		
127	41.2	33.6	50.4
141	13.1	11.4	17.2



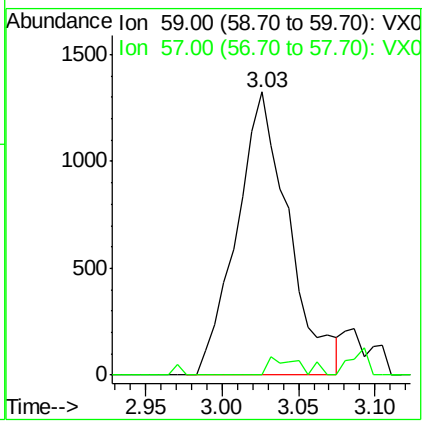


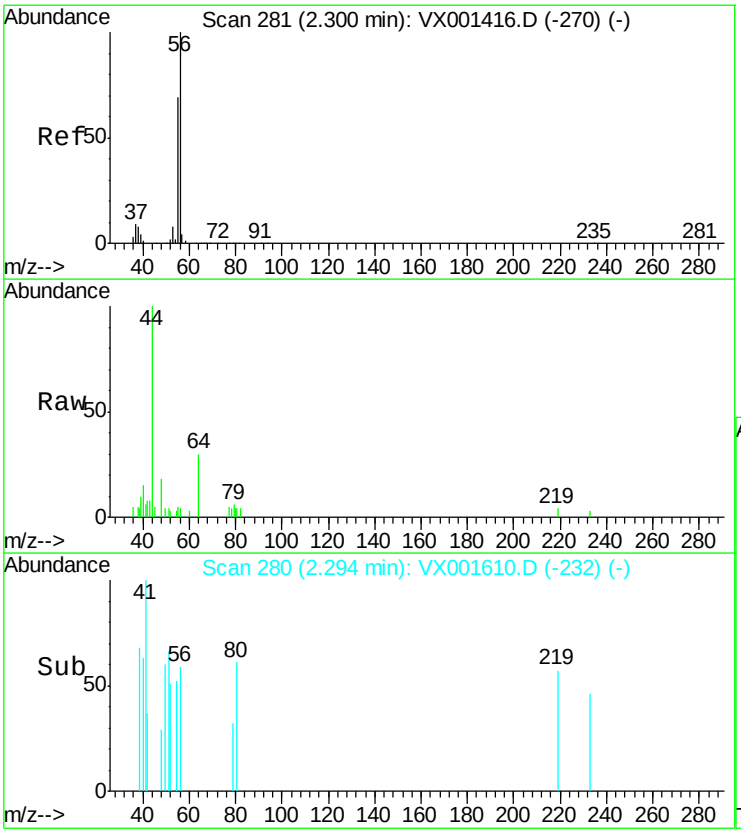
#11
Tert butyl alcohol
Concen: 4.42 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 59 Resp: 3129

Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.2	12.4#

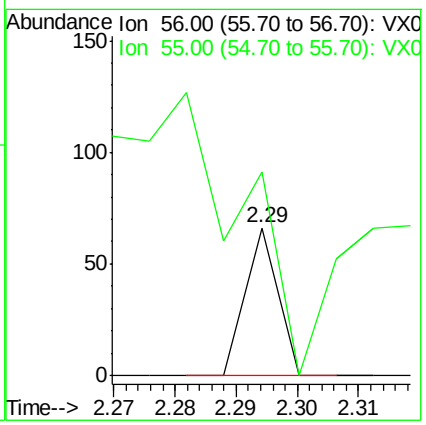


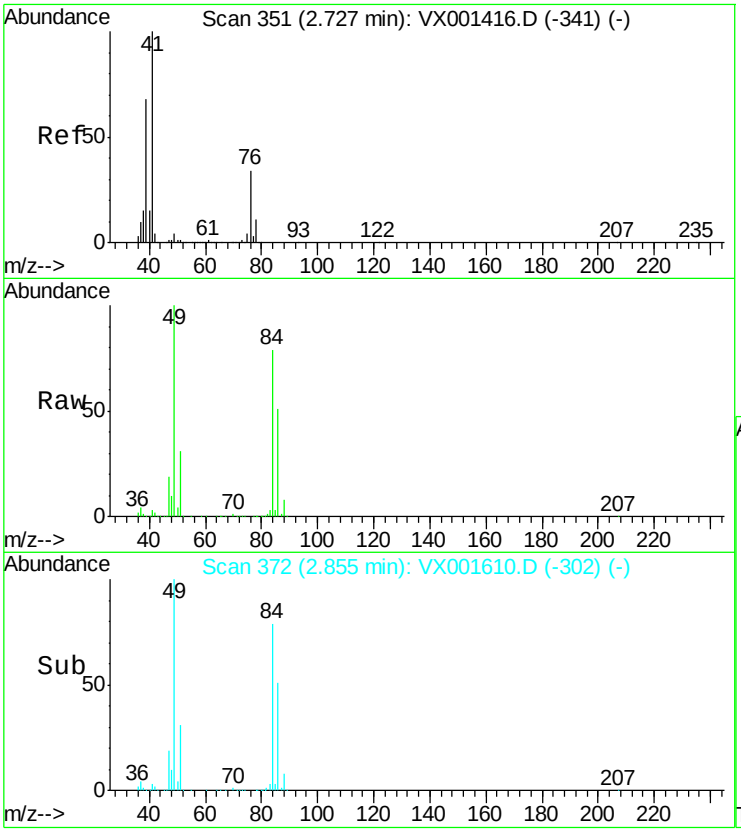


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 56 Resp: 24

Ion	Ratio	Lower	Upper
56	100		
55	1000.0	54.5	81.7#



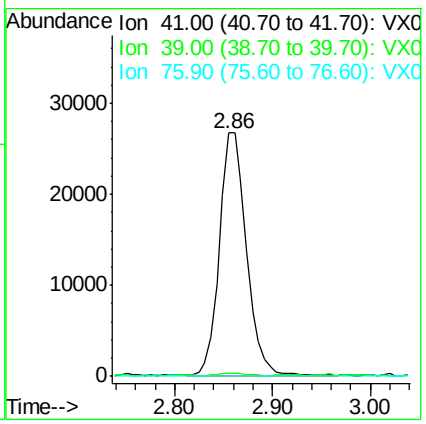


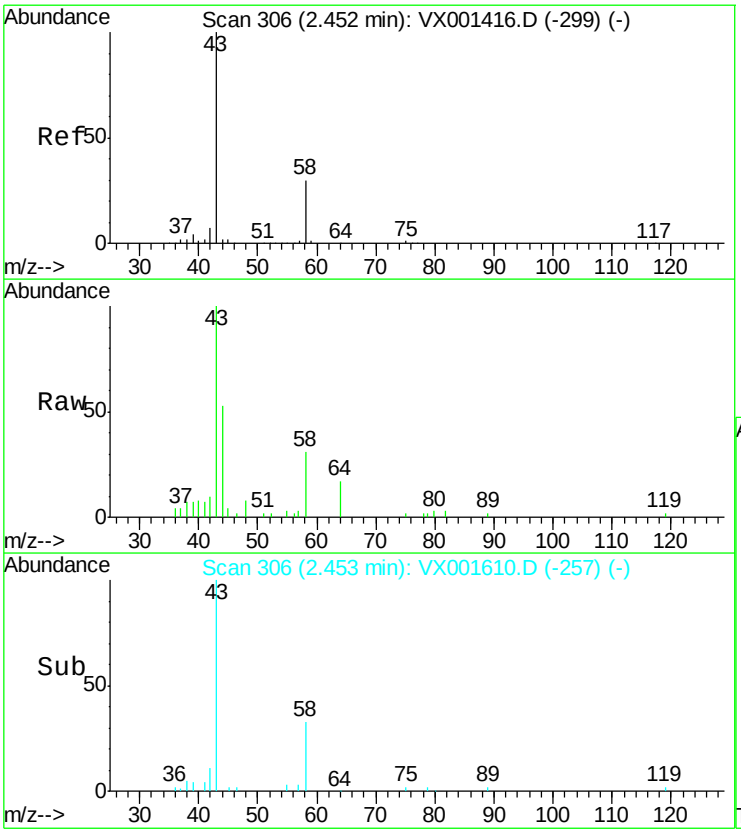
#14
Allyl chloride
Concen: 10.58 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.13 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument : MSVOA_X
ClientSampleId : FMS-SOIL-2

Tgt Ion: 41 Resp: 50980

Ion	Ratio	Lower	Upper
41	100		
39	1.0	52.4	78.6#
76	0.0	25.8	38.6#

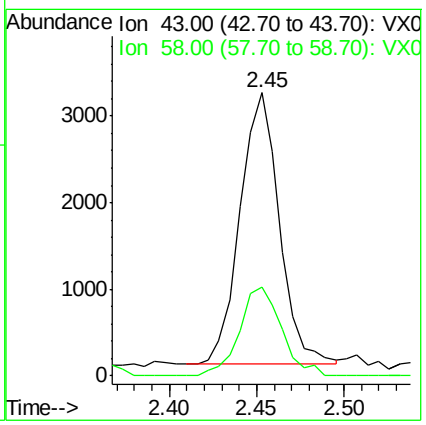


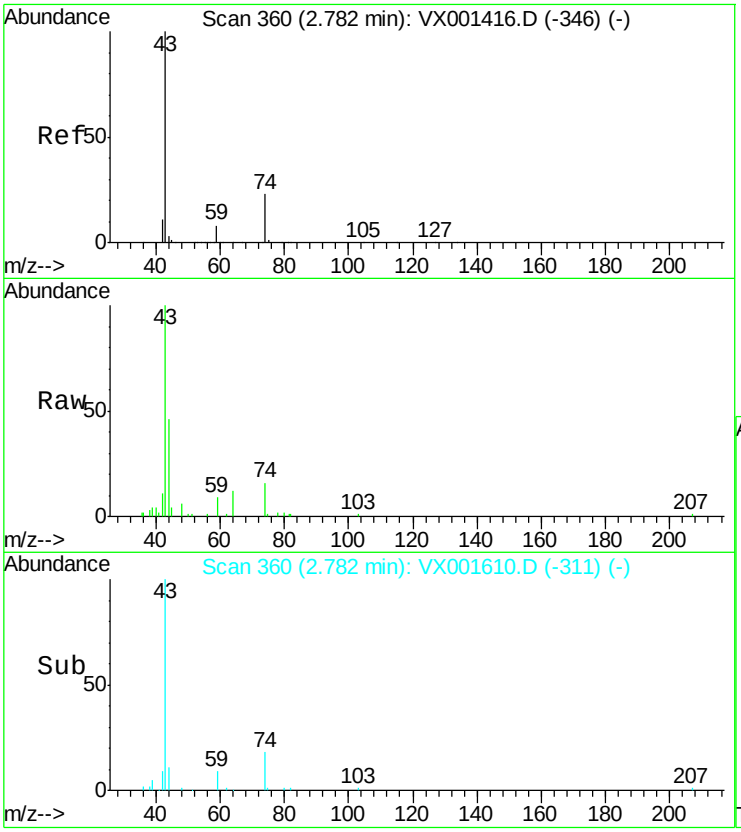


#16
Acetone
Concen: 3.23 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 43 Resp: 4932

Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.8	35.8



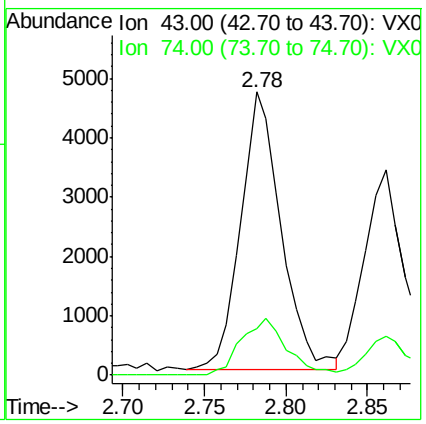


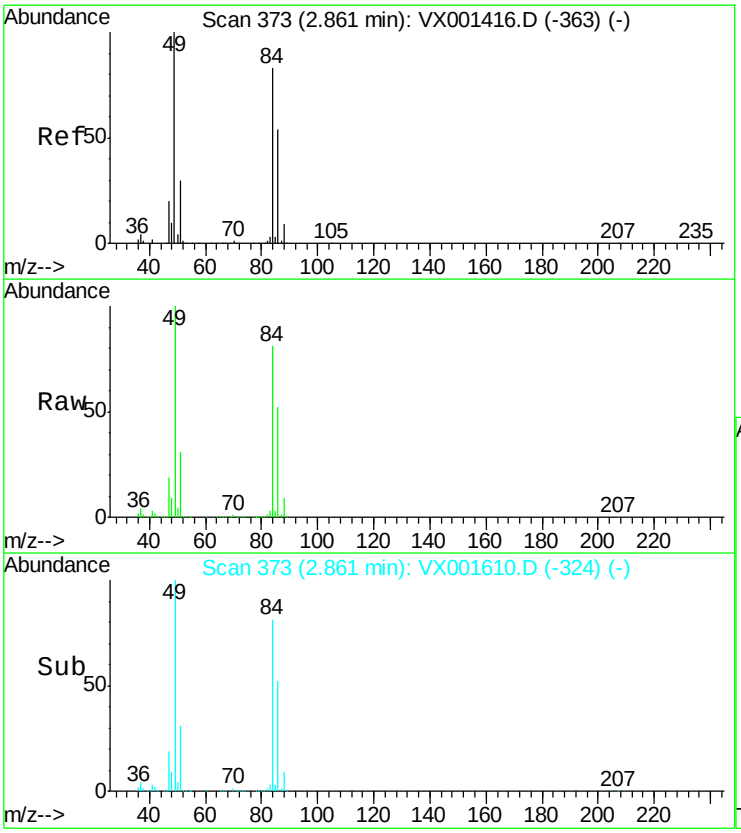
#18
Methyl Acetate
Concen: 2.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 43 Resp: 8078

Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.6	27.8

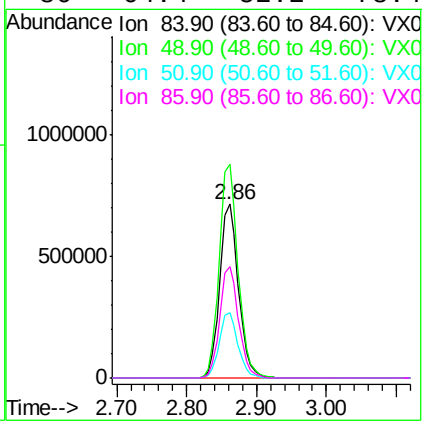


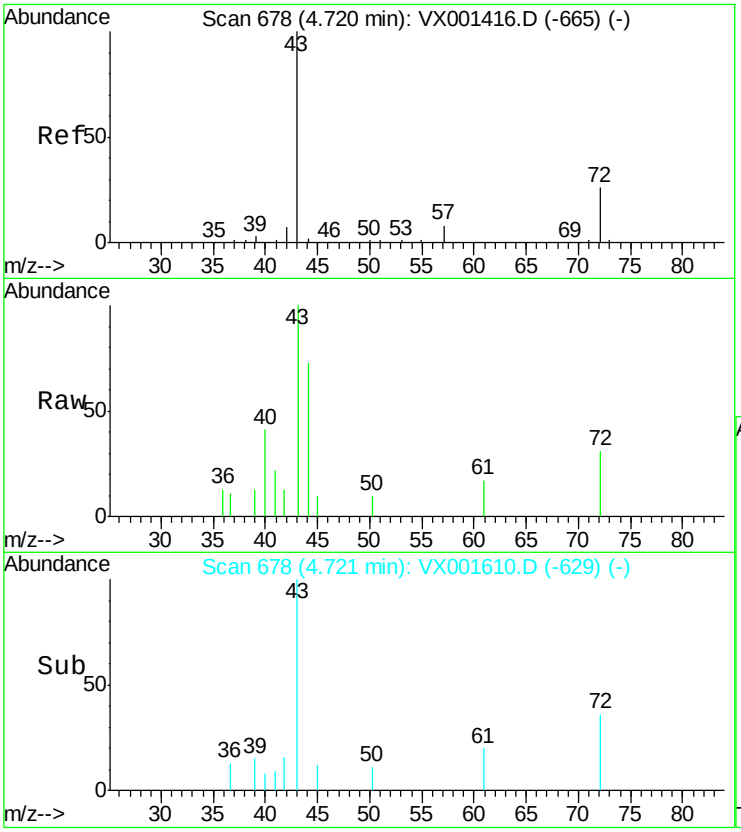


#20
Methylene Chloride
Concen: 440.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 84 Resp: 1329289

Ion	Ratio	Lower	Upper
84	100		
49	122.8	96.6	144.8
51	37.8	29.0	43.4
86	64.4	52.2	78.4



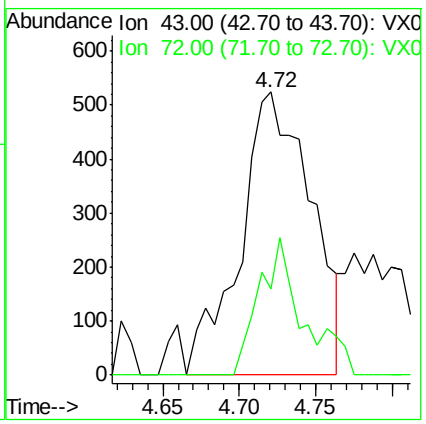


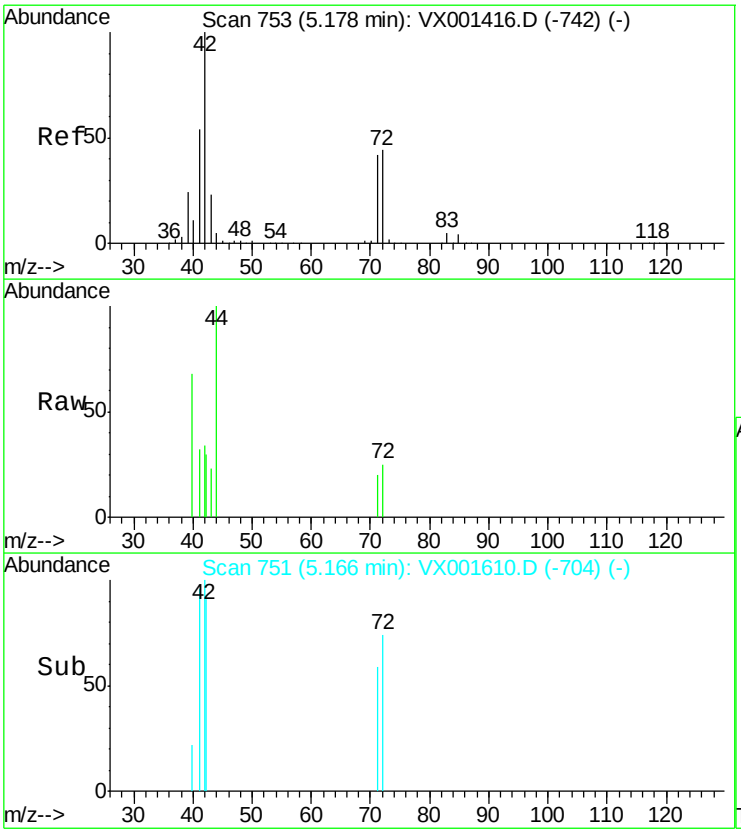
#25
2-Butanone
Concen: 0.77 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 43 Resp: 1690

Ion	Ratio	Lower	Upper
43	100		
72	30.5	20.7	31.1

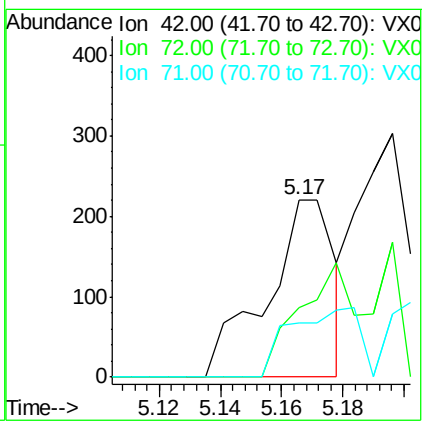


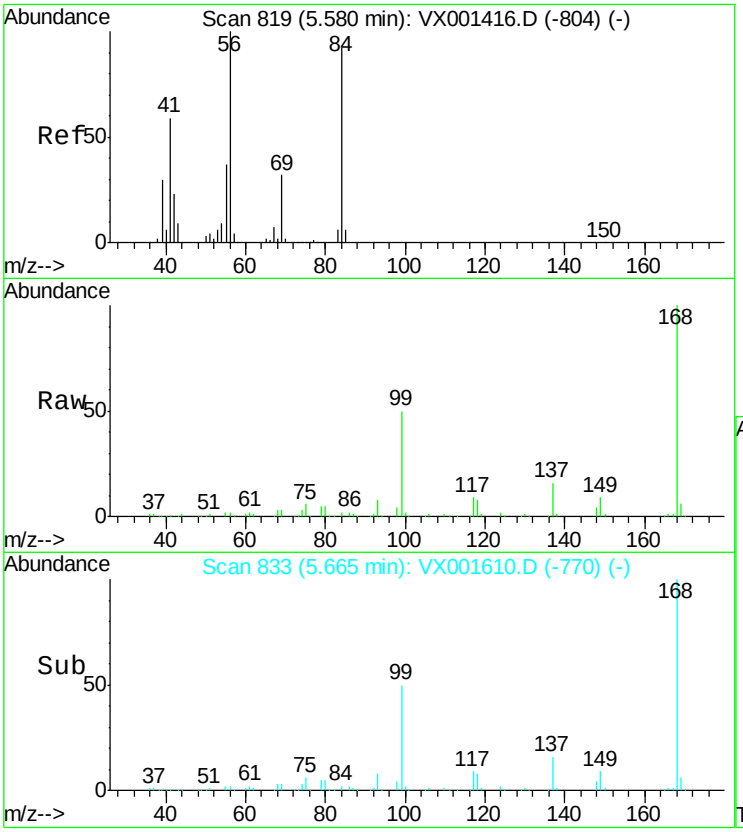


#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
72	58.6	35.4	53.2#
71	40.2	33.0	49.4



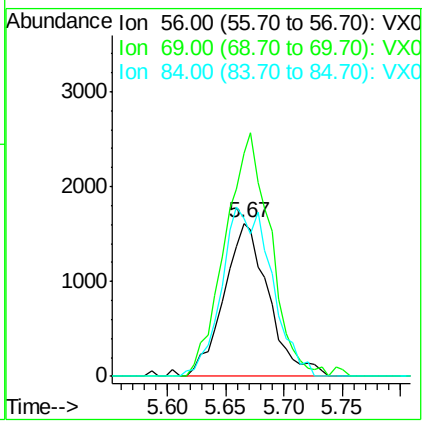


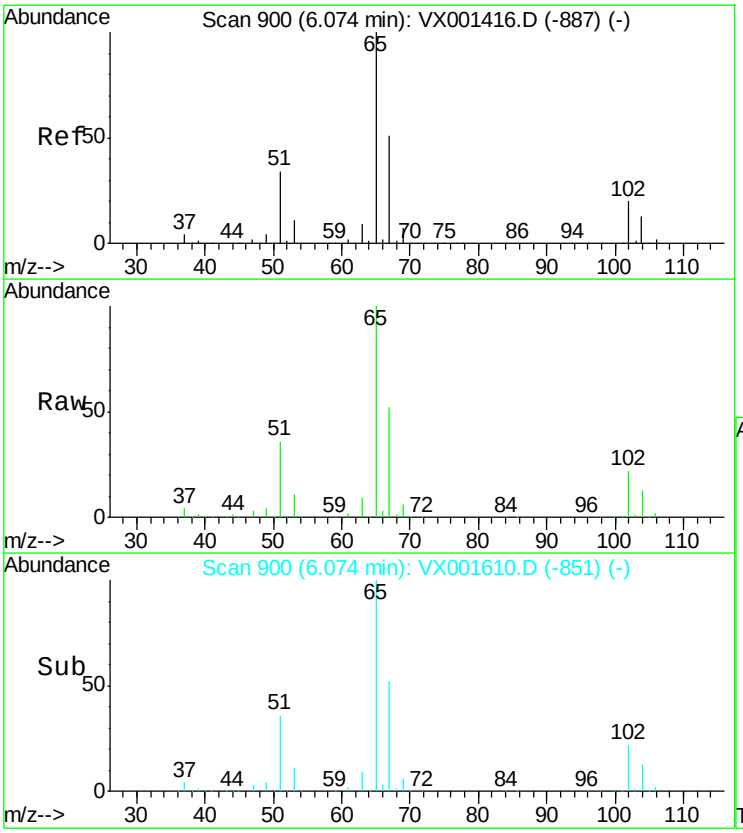
#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 56 Resp: 4304

Ion	Ratio	Lower	Upper
56	100		
69	146.2	25.4	38.0#
84	103.7	73.8	110.8

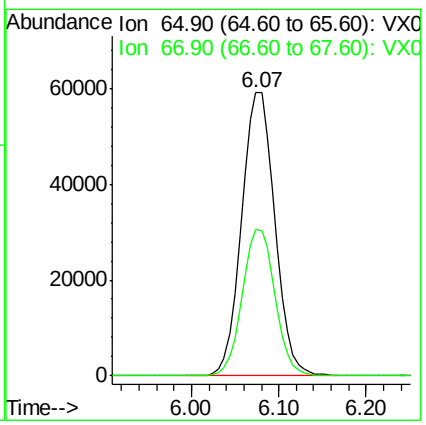


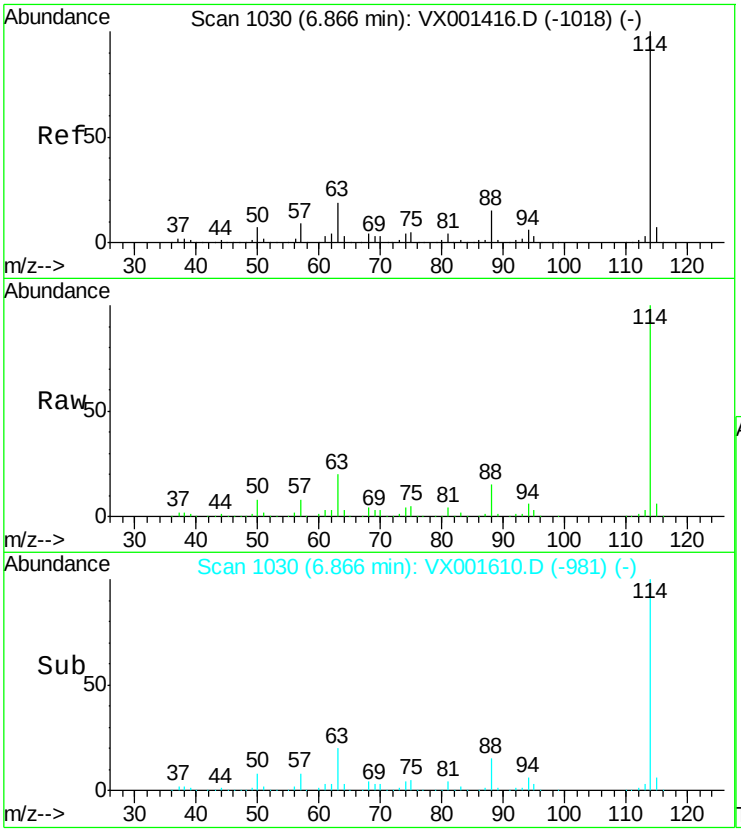


#33
1,2-Dichloroethane-d4
Concen: 46.50 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 65 Resp: 156158

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.8



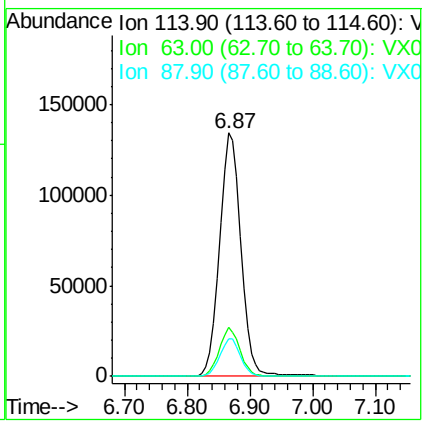


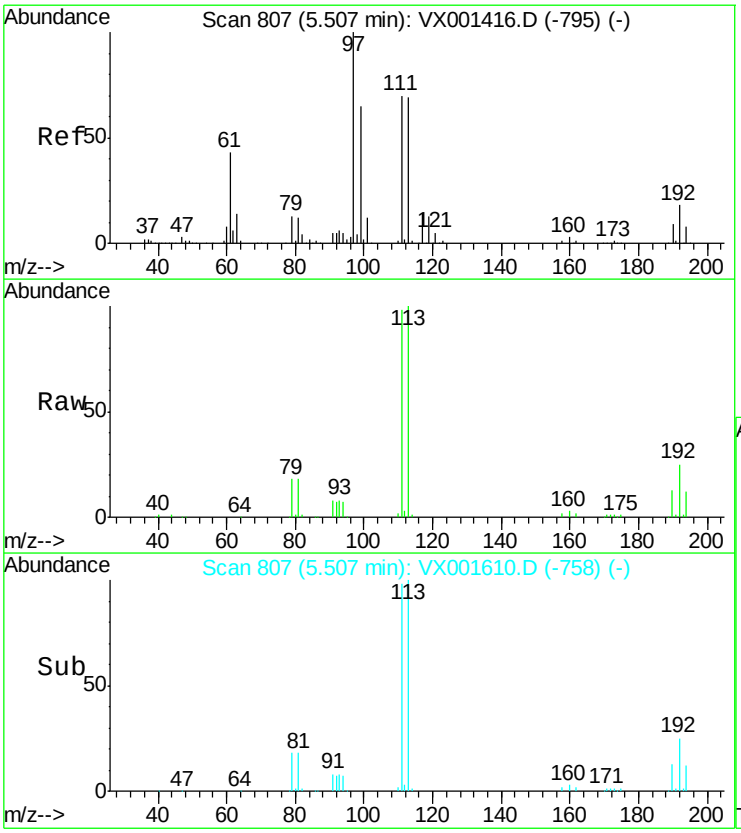
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion:114 Resp: 317909

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.2	0.0	30.8

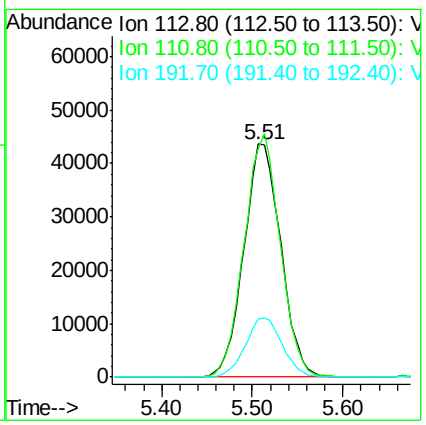


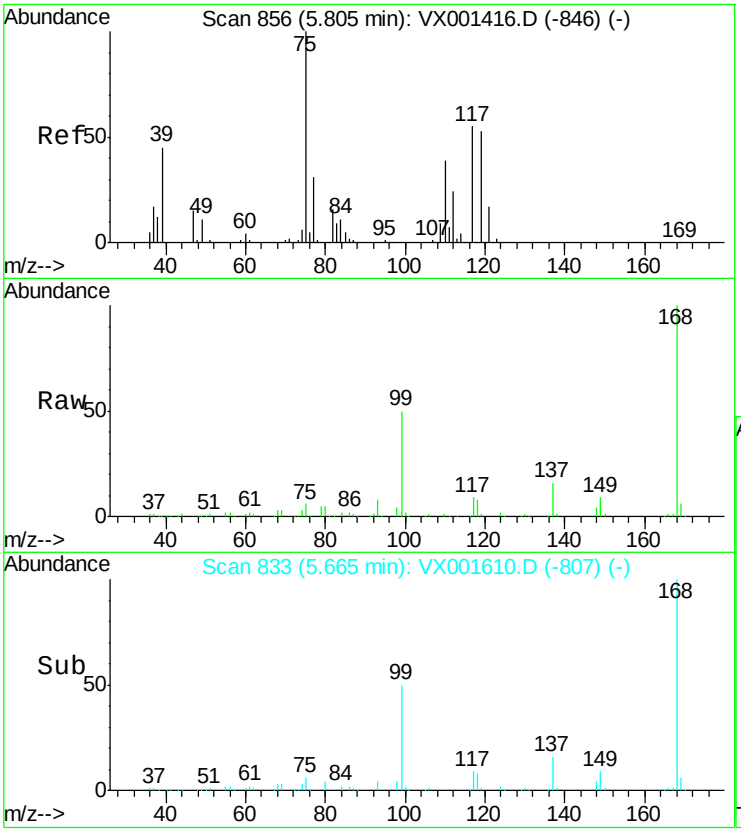


#35
Dibromofluoromethane
Concen: 43.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion:113 Resp: 123160

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	25.4	21.4	32.0



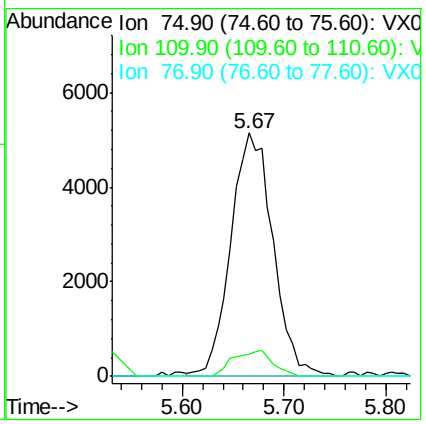


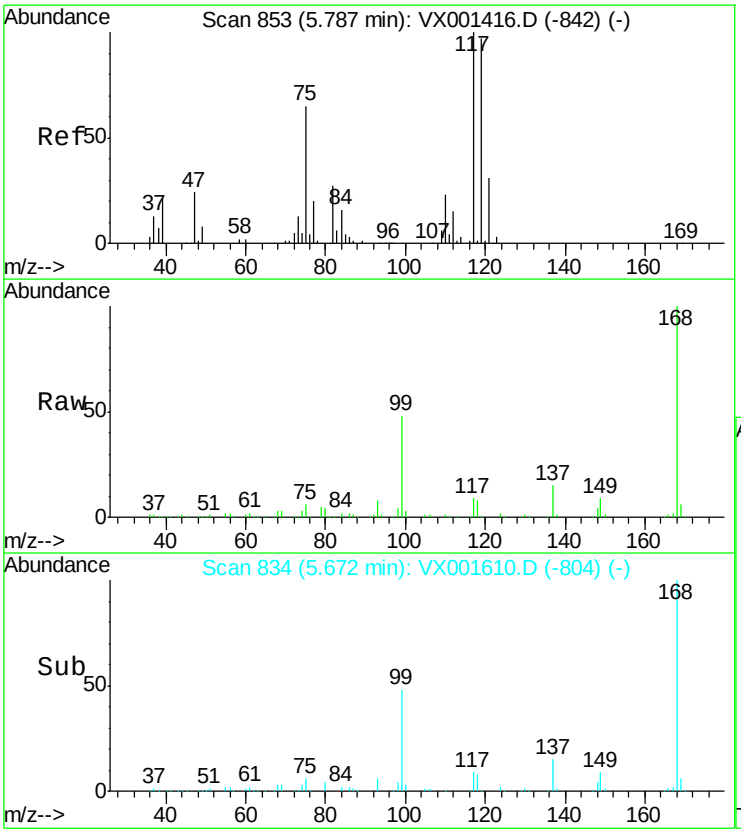
#36
1,1-Dichloropropene
Concen: 3.66 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 75 Resp: 14794

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.9	56.7#
77	0.0	24.9	37.3#

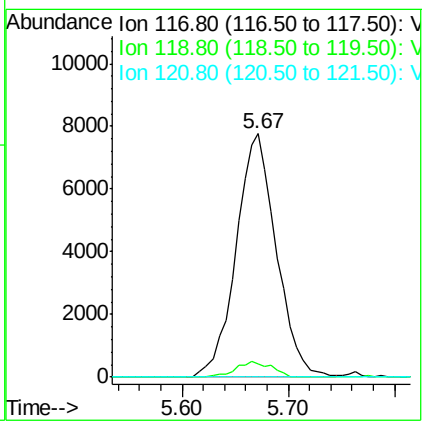


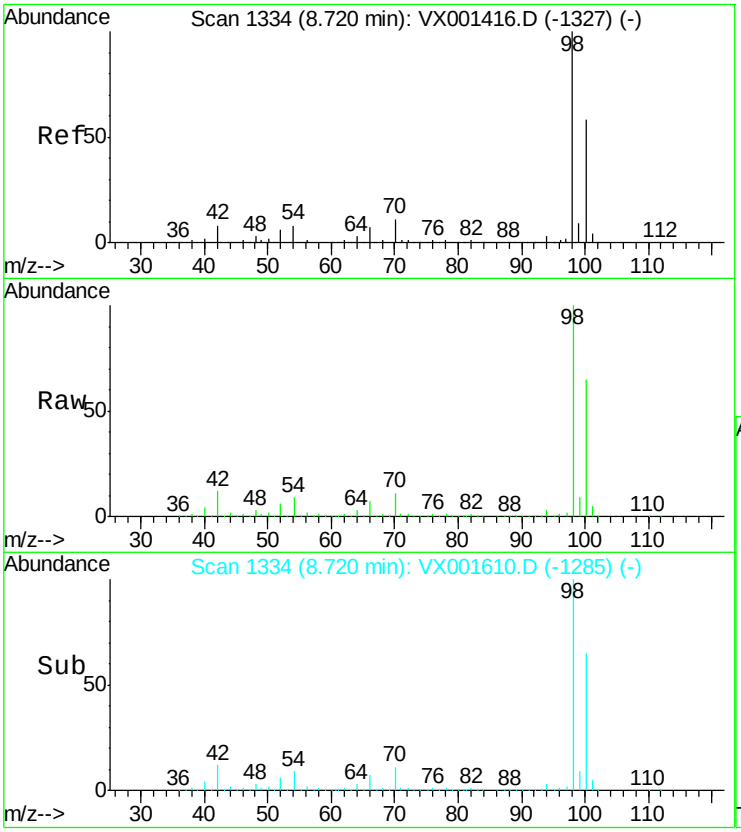


#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion:117 Resp: 20542

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.0	115.6#
121	0.0	25.1	37.7#



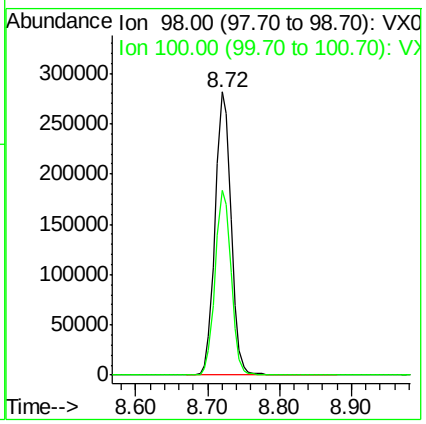


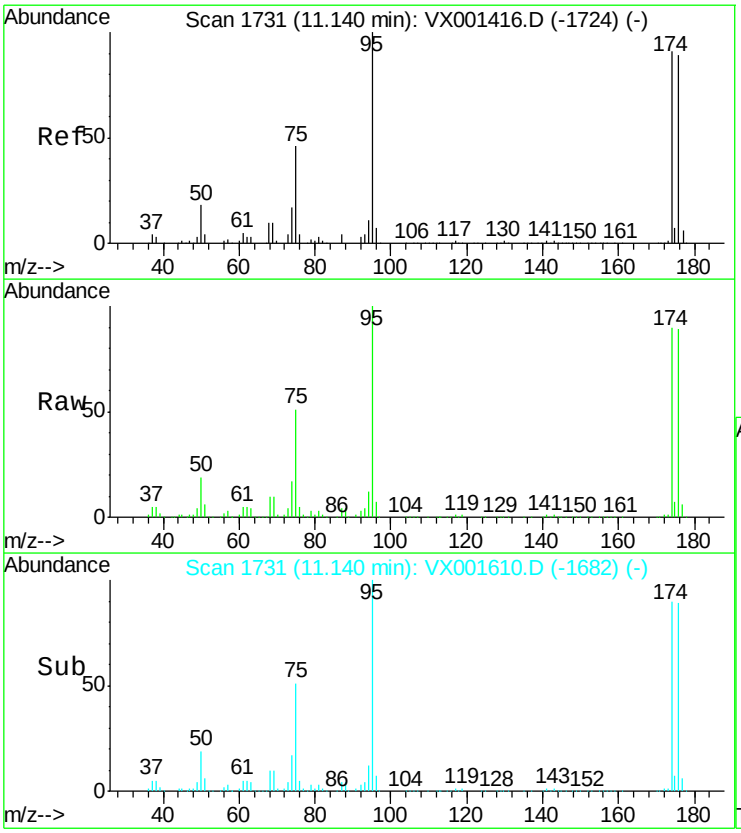
#50
Toluene-d8
Concen: 41.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 98 Resp: 432396

Ion	Ratio	Lower	Upper
98	100		
100	65.3	54.0	81.0

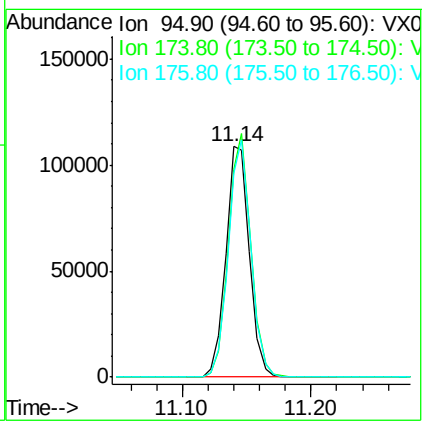


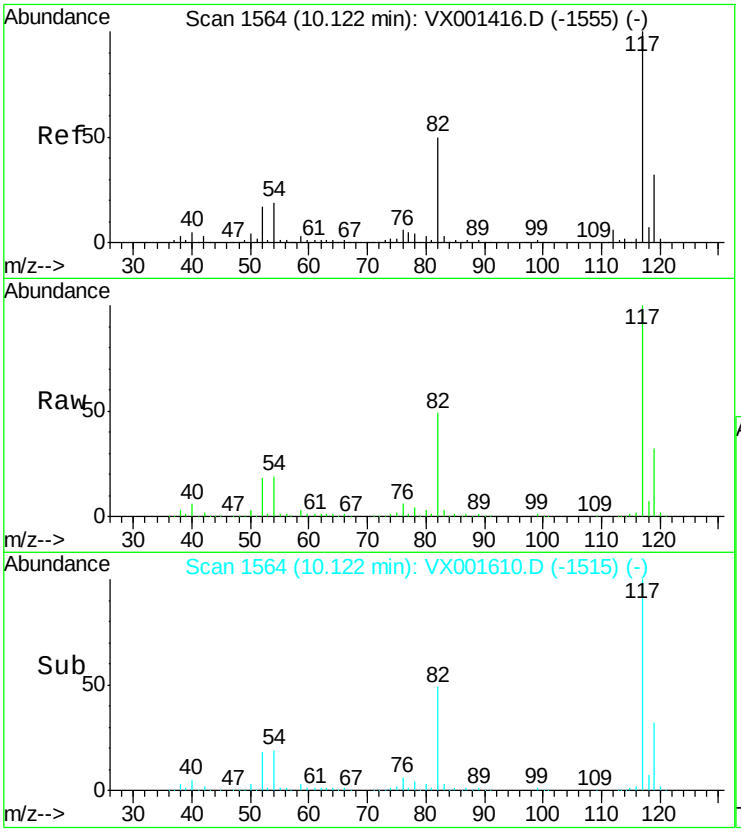


#62
4-Bromofluorobenzene
Concen: 35.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 95 Resp: 139381

Ion	Ratio	Lower	Upper
95	100		
174	100.6	0.0	202.0
176	98.3	0.0	197.4



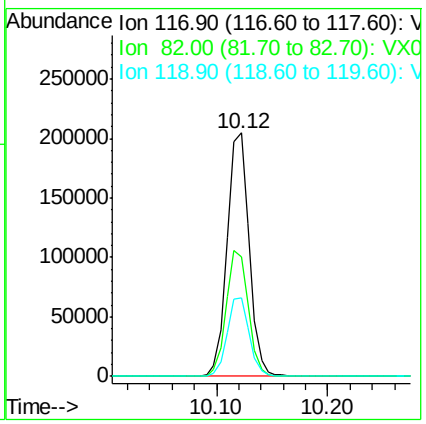


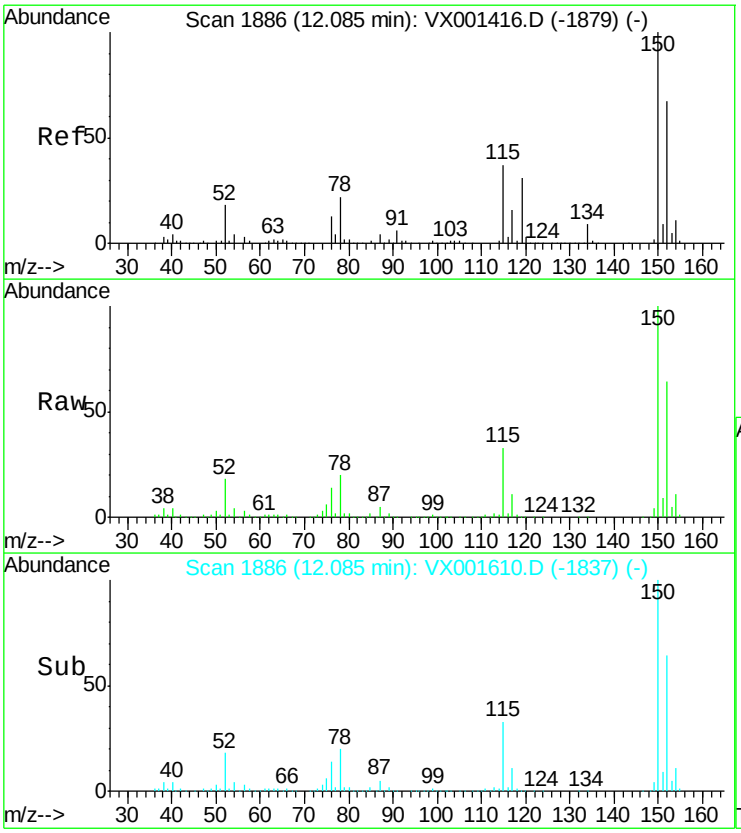
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion:117 Resp: 279496

Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.0	60.0
119	32.3	25.8	38.8

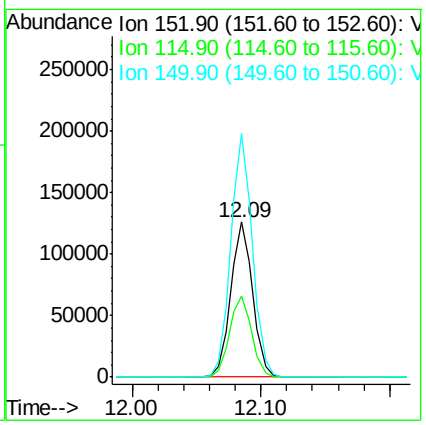


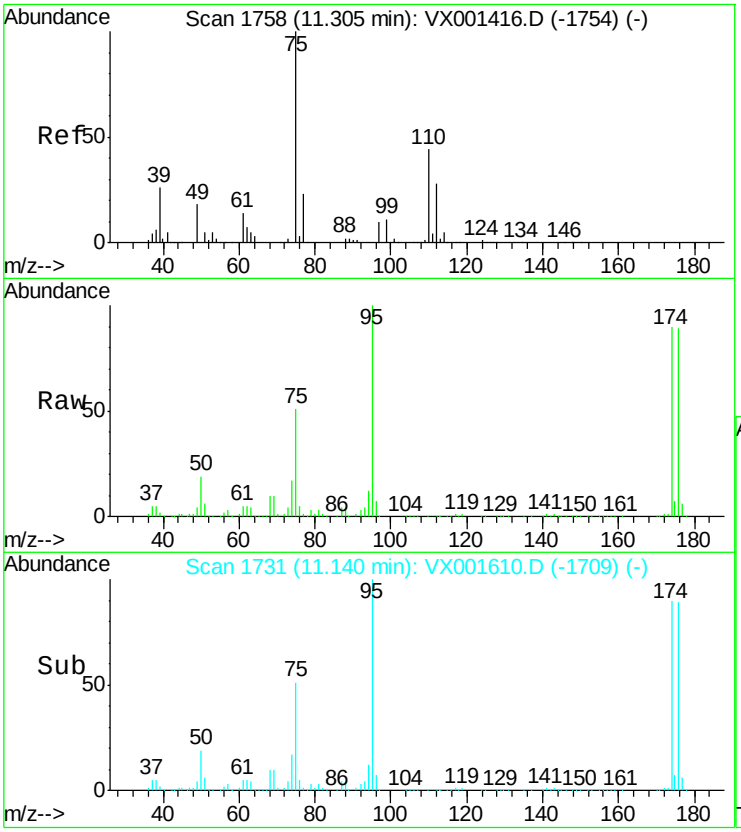


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion:152 Resp: 149177

Ion	Ratio	Lower	Upper
152	100		
115	53.0	37.7	113.1
150	156.0	0.0	349.4



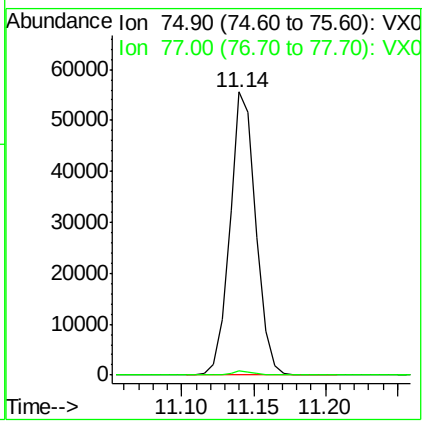


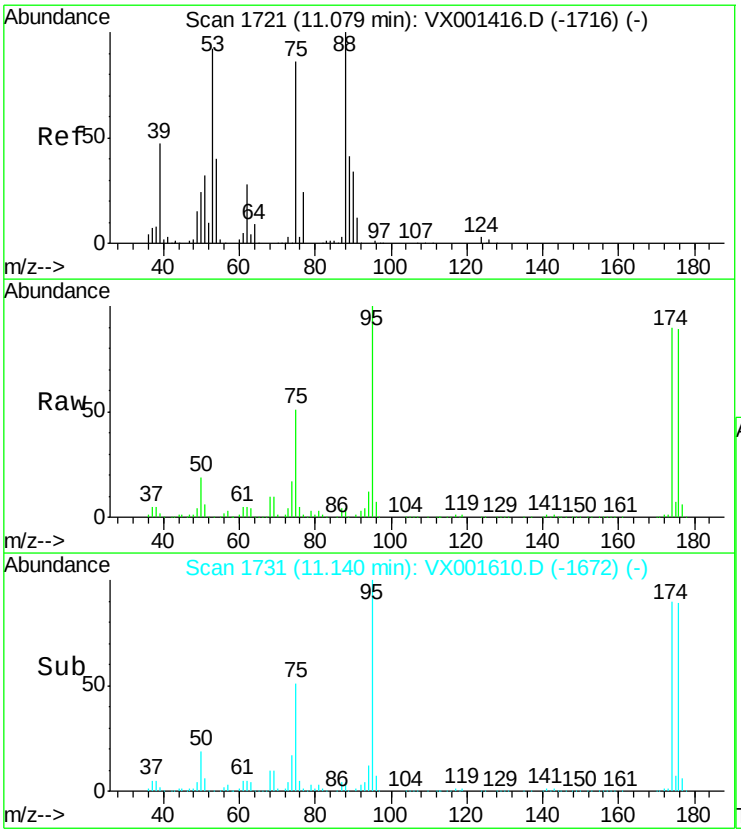
#76
1,2,3-Trichloropropane
Concen: 23.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion: 75 Resp: 70100

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#

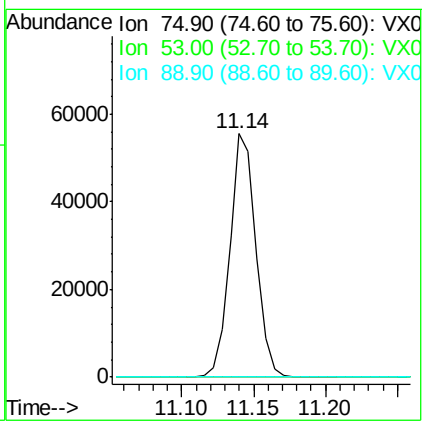


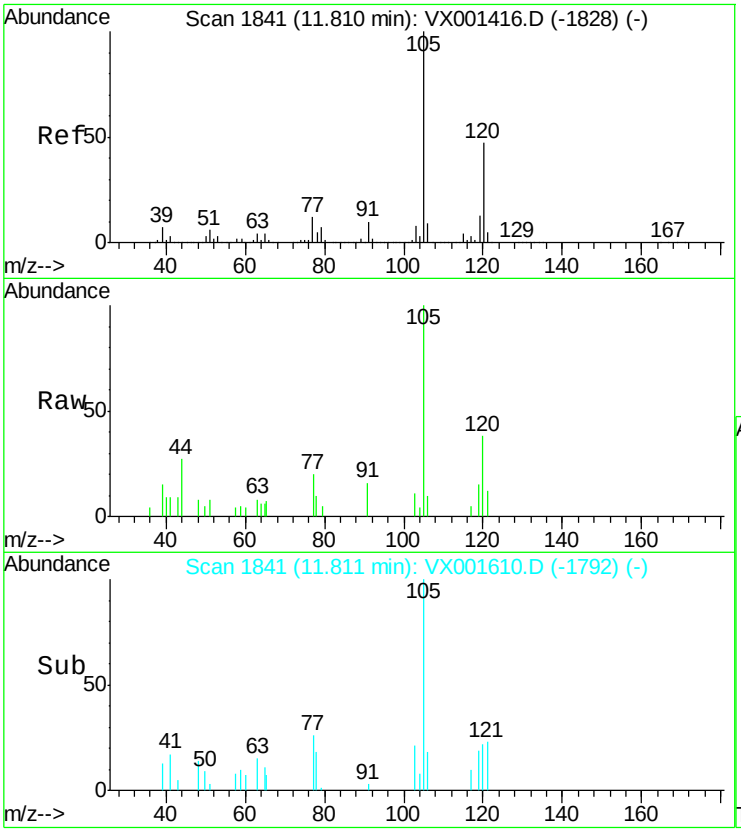


#81
trans-1,4-Dichloro-2-butene
Concen: 71.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion: 75 Resp: 70100

Ion	Ratio	Lower	Upper
75	100		
53	0.2	84.5	126.7#
89	0.1	39.5	59.3#



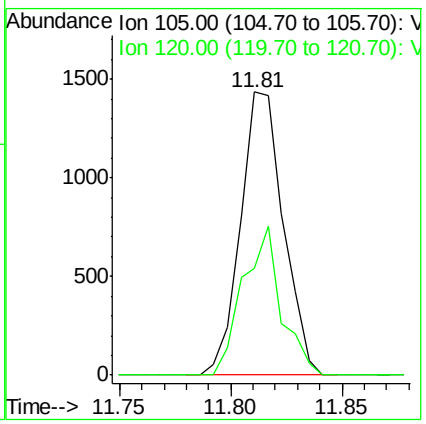


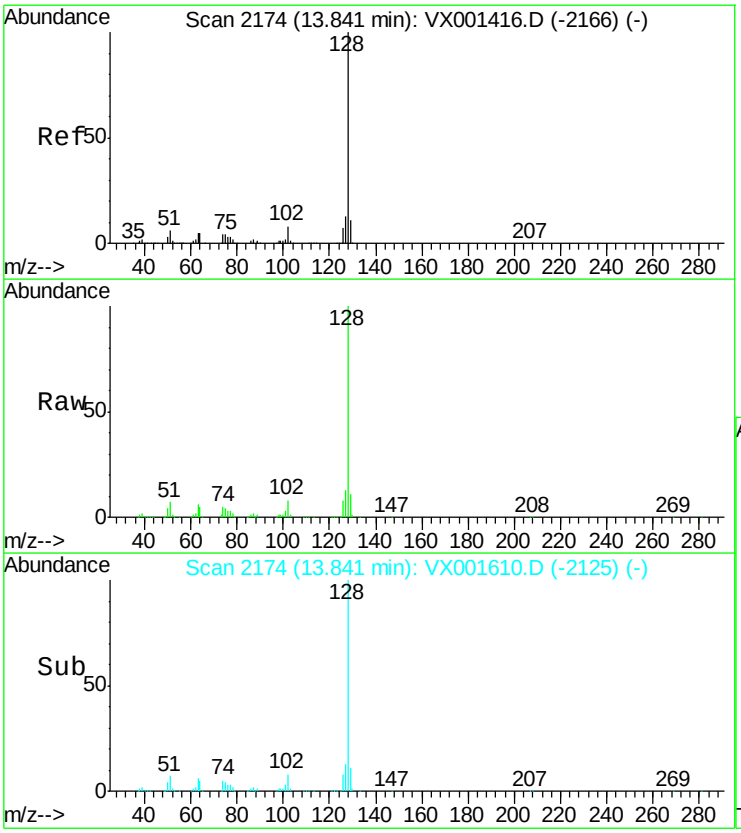
#84
1,2,4-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
FMS-SOIL-2

Tgt Ion:105 Resp: 1928

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.2





#95
Naphthalene
Concen: 8.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001610.D
Acq: 10 May 2018 19:01

Tgt Ion:128 Resp: 96535

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.7	13.1