Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051573.D
Acq On : 27 Sep 2018 10:35
Operator : MD\SY
Sample : J5074-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CA-SOIL-1

Quant Time: Sep 27 11:49:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	460594	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.80%			
35) Dibromofluoromethane	7.59	113	400722	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.18%			
50) Toluene-d8	10.09	98	1452178	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.56%			
62) 4-Bromofluorobenzene	12.40	95	389846	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.80%			
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	44196	5.663	ug/l	96
30) Chloroform	7.37	83	7075	0.527	ug/l	90
43) Isopropyl Acetate	8.17	43	331805	26.445	ug/l #	87
67) Ethyl Benzene	11.51	91	11911	0.317	ug/l	99
68) m/p-Xylenes	11.62	106	12917	0.889	ug/l	100
69) o-Xylene	11.94	106	3924	0.281	ug/l	90
80) 1,3,5-Trimethylbenzene	12.73	105	4839	0.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	11760	0.544	ug/l	97
95) Naphthalene	15.13	128	30377	10.242	ug/l	96

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

Quantitation Report (QT Reviewed)

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Data File : VN051573.D
Acq On : 27 Sep 2018 10:35
Operator : MD\SY
Sample : J5074-10
Misc : 5.00mL/MSVOA_N/WATER
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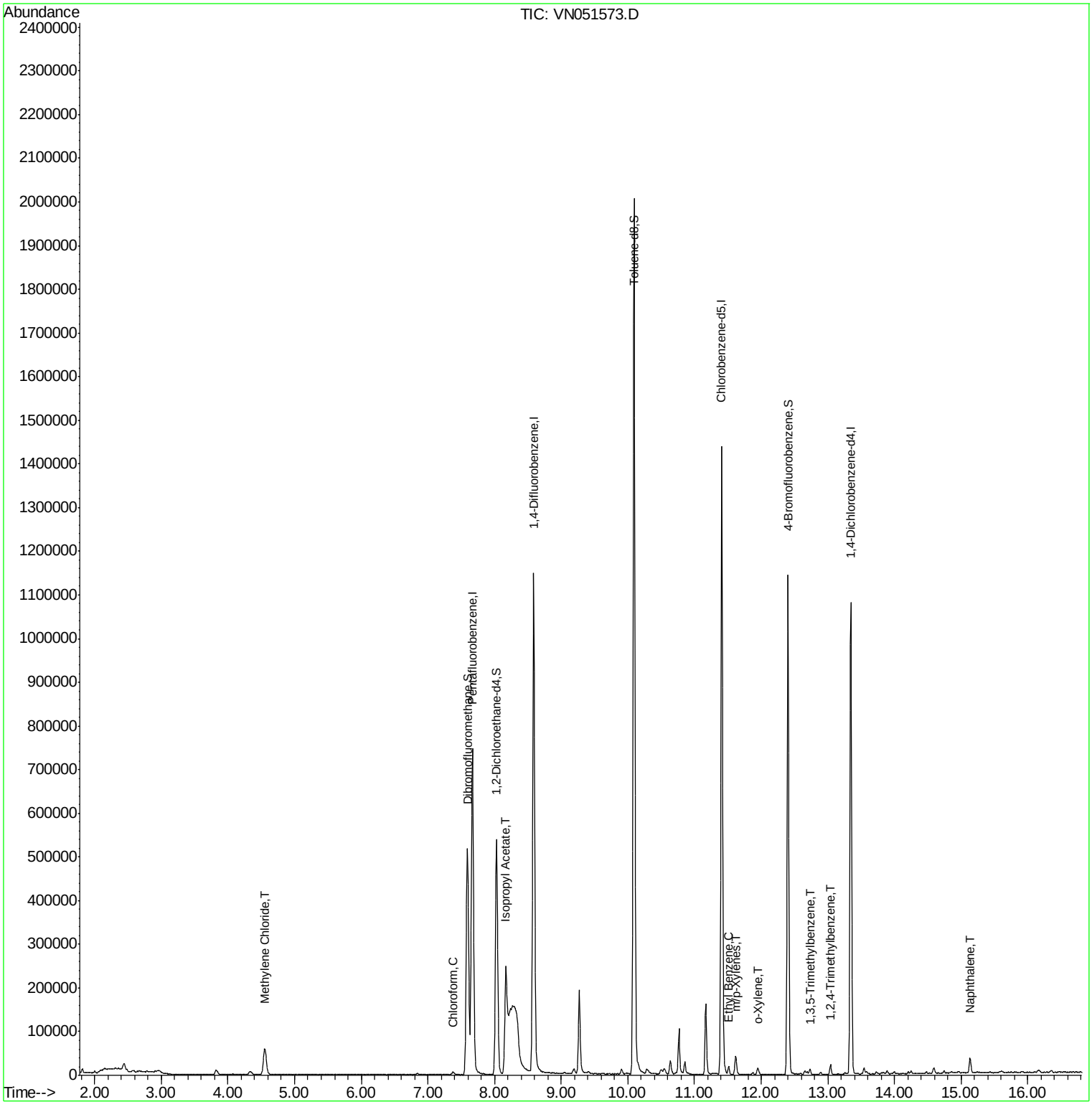
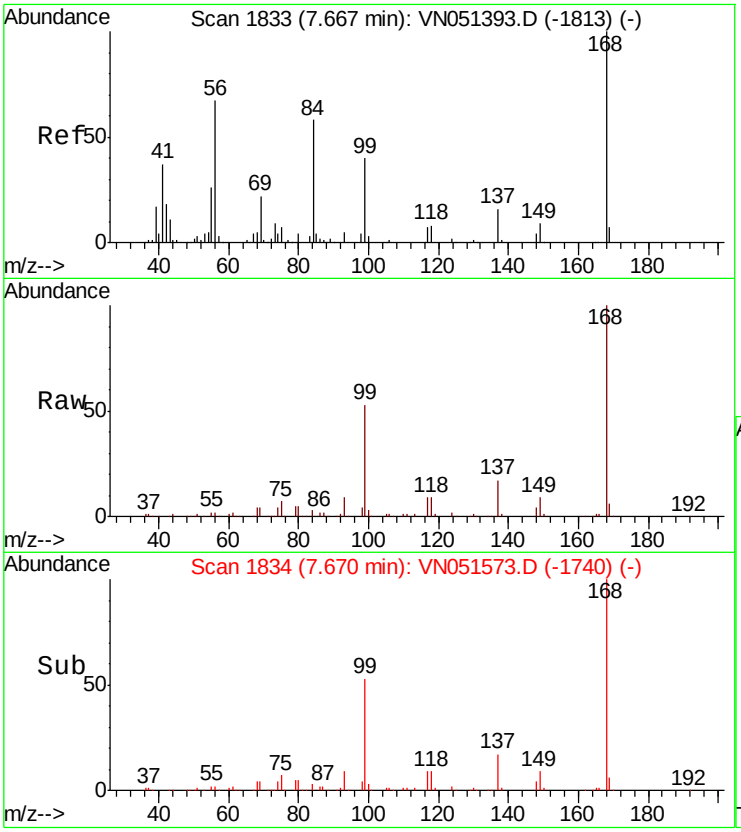


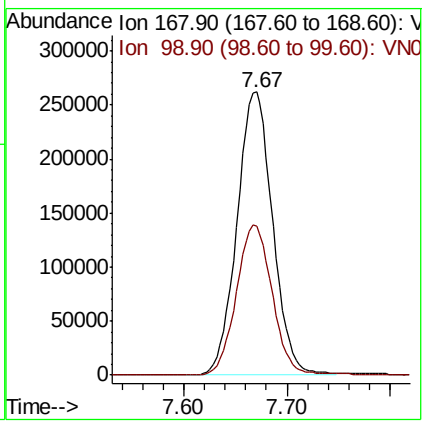


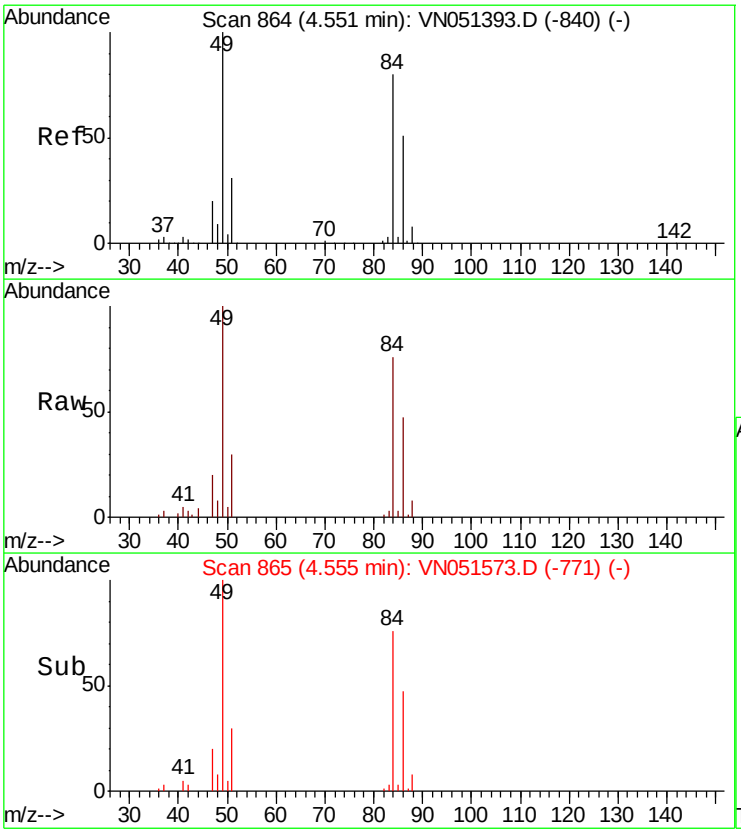
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion:168 Resp: 629609

Ion	Ratio	Lower	Upper
168	100		
99	52.7	40.2	60.2

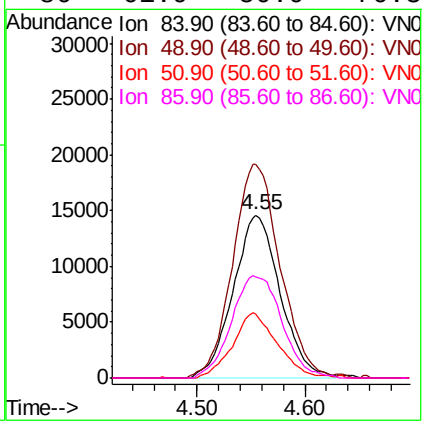


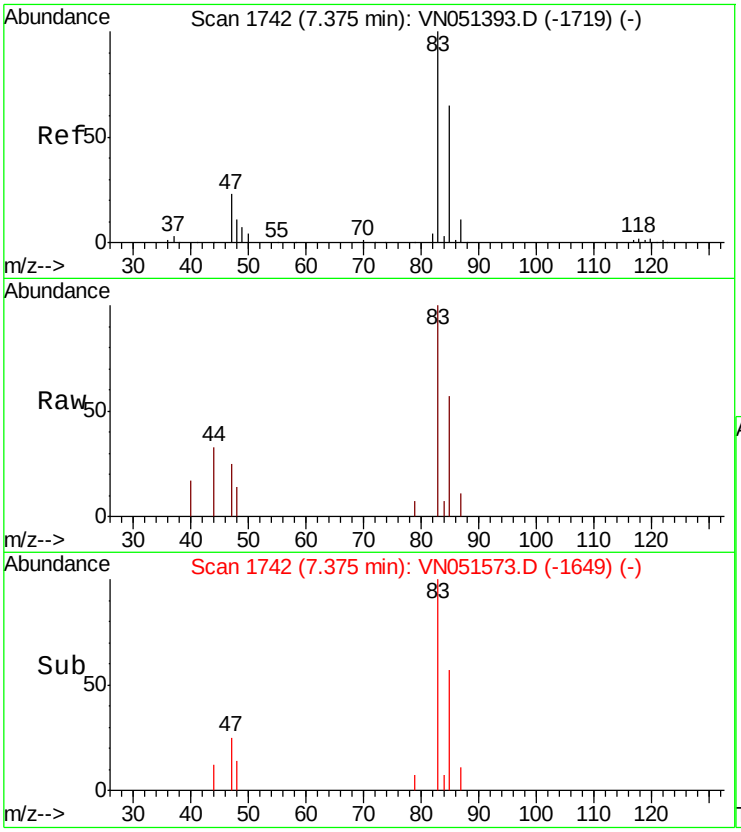


#20
Methylene Chloride
Concen: 5.663 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion: 84 Resp: 44196

Ion	Ratio	Lower	Upper
84	100		
49	131.3	99.9	149.9
51	39.0	31.4	47.2
86	61.9	50.9	76.3



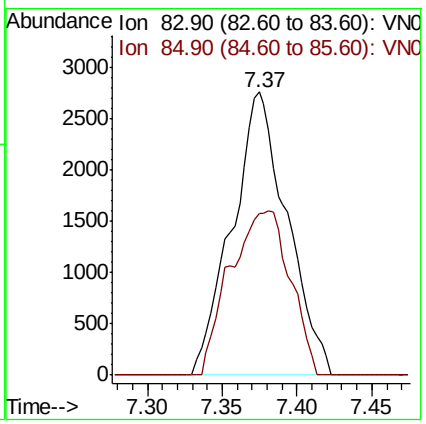


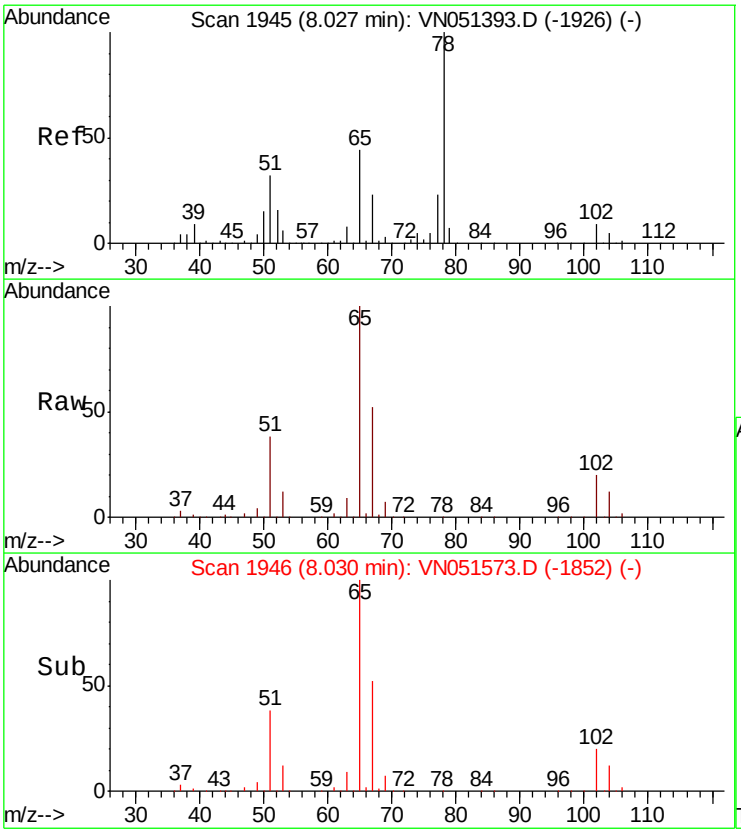
#30
Chloroform
Concen: 0.527 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion: 83 Resp: 7075

Ion	Ratio	Lower	Upper
83	100		
85	57.1	51.8	77.6

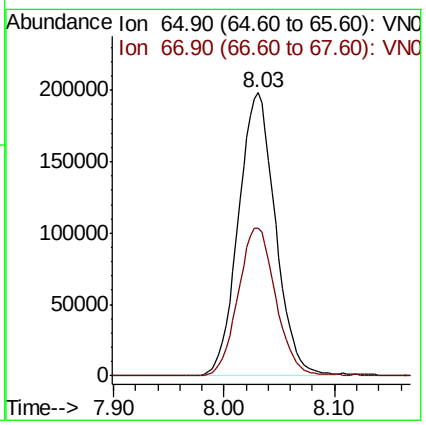


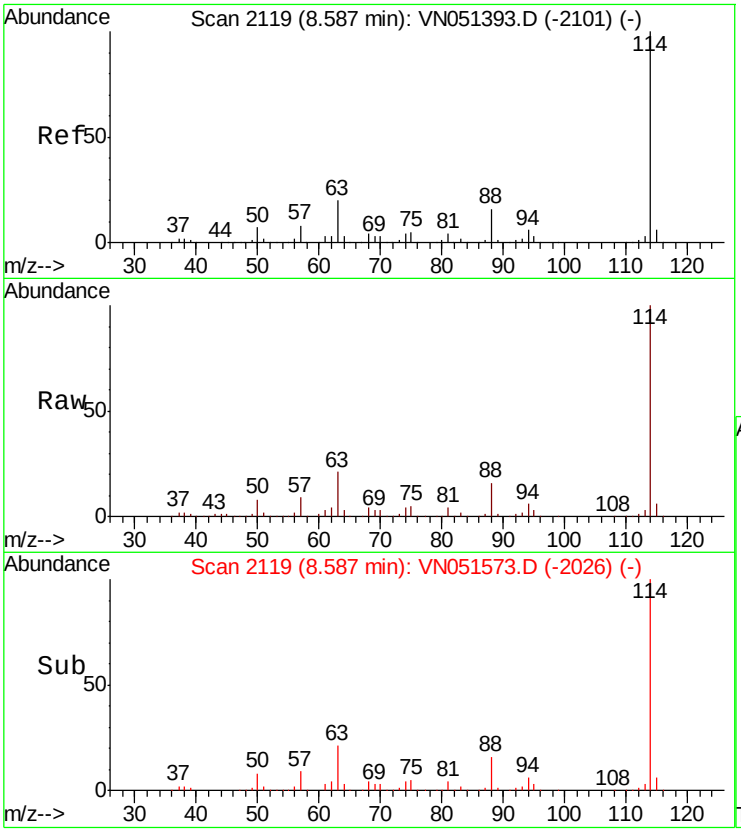


#33
1,2-Dichloroethane-d4
Concen: 58.399 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion: 65 Resp: 460594

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8



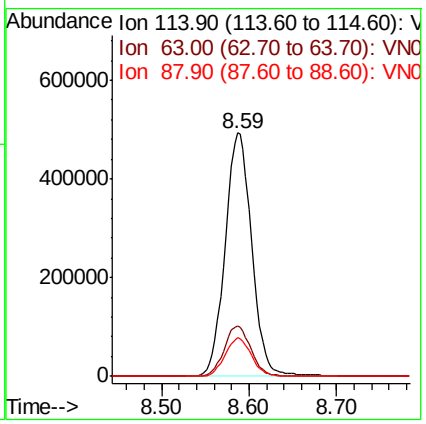


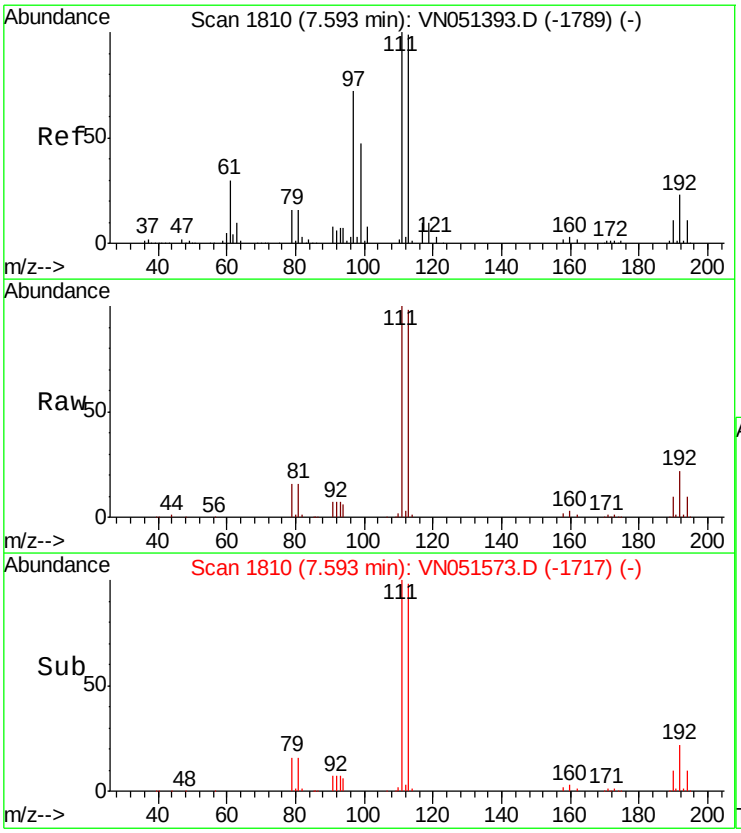
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion:114 Resp: 1042125

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	15.7	0.0	31.4

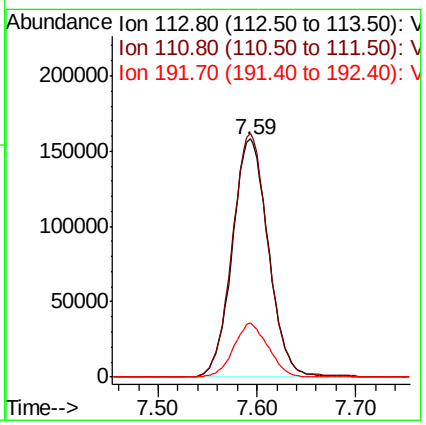


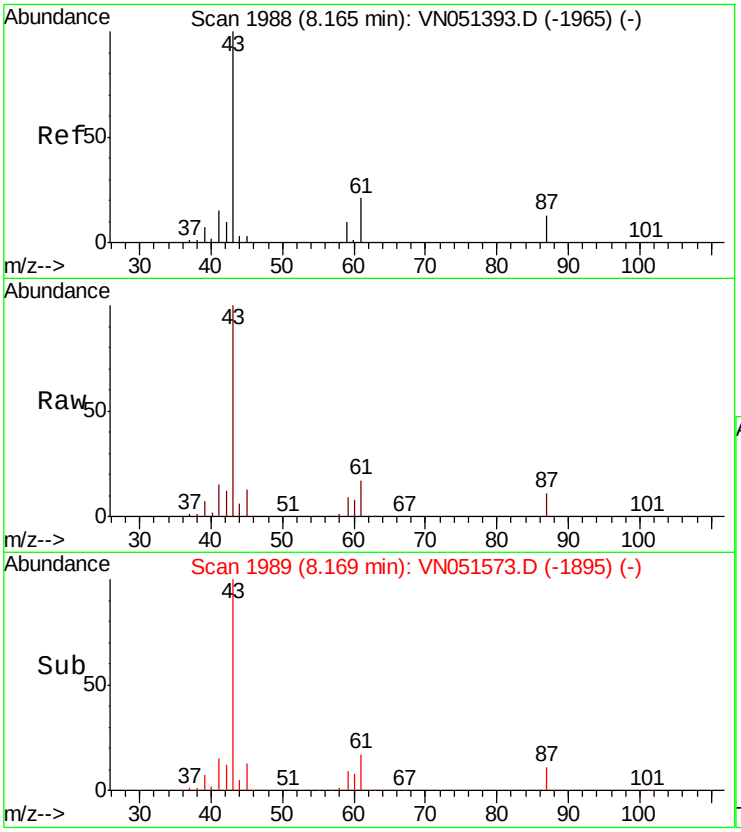


#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion:113 Resp: 400722

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	21.7	18.0	27.0



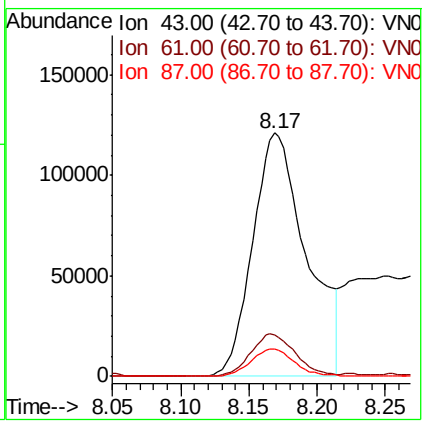


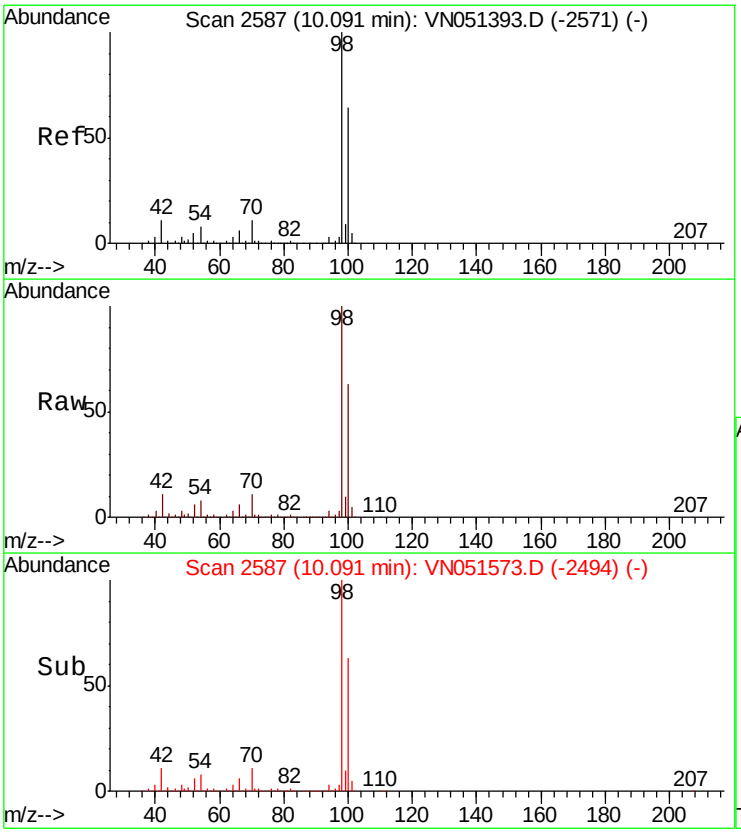
#43
Isopropyl Acetate
Concen: 26.445 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion: 43 Resp: 331805

Ion	Ratio	Lower	Upper
43	100		
61	14.4	16.8	25.2#
87	9.2	10.7	16.1#

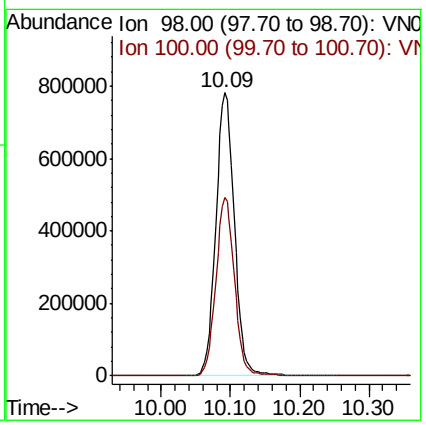


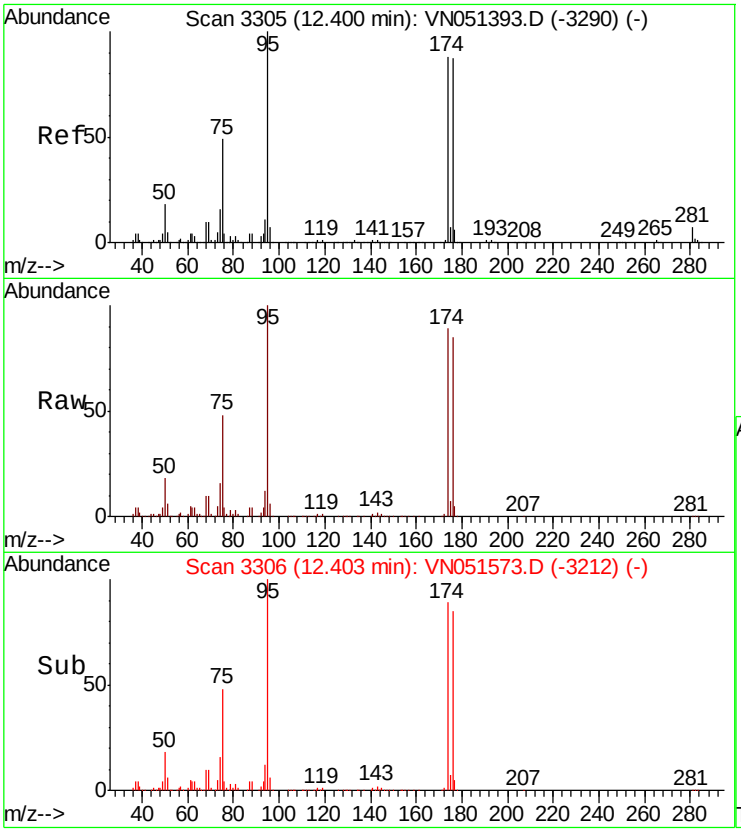


#50
Toluene-d8
Concen: 46.276 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion: 98 Resp: 1452178

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.6	75.8



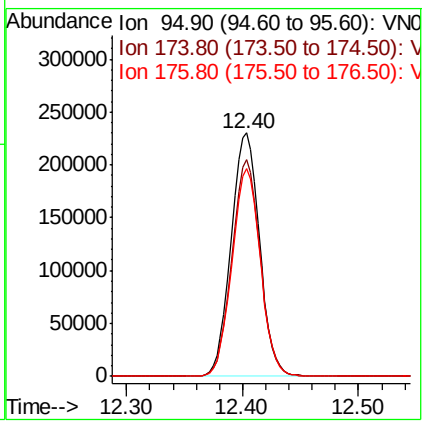


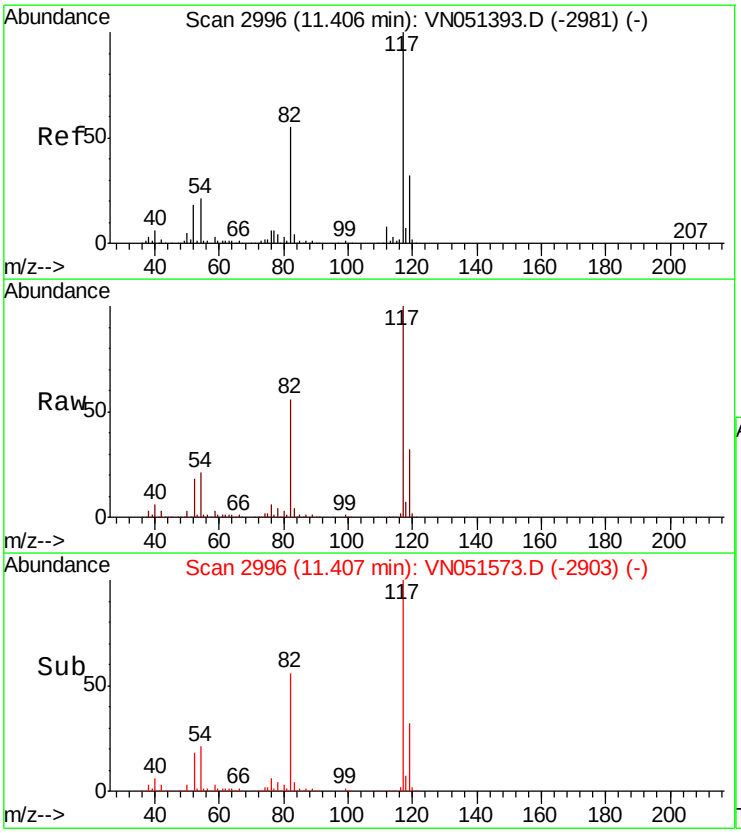
#62
4-Bromofluorobenzene
Concen: 38.403 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion: 95 Resp: 389846

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	181.6
176	85.2	0.0	176.4

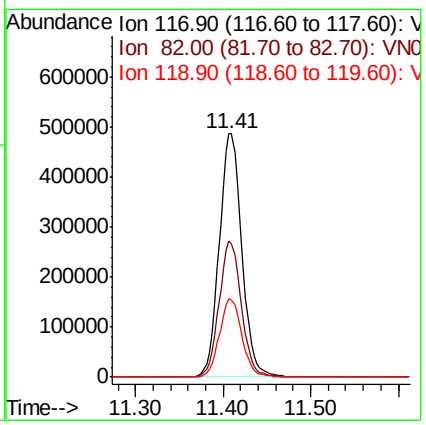


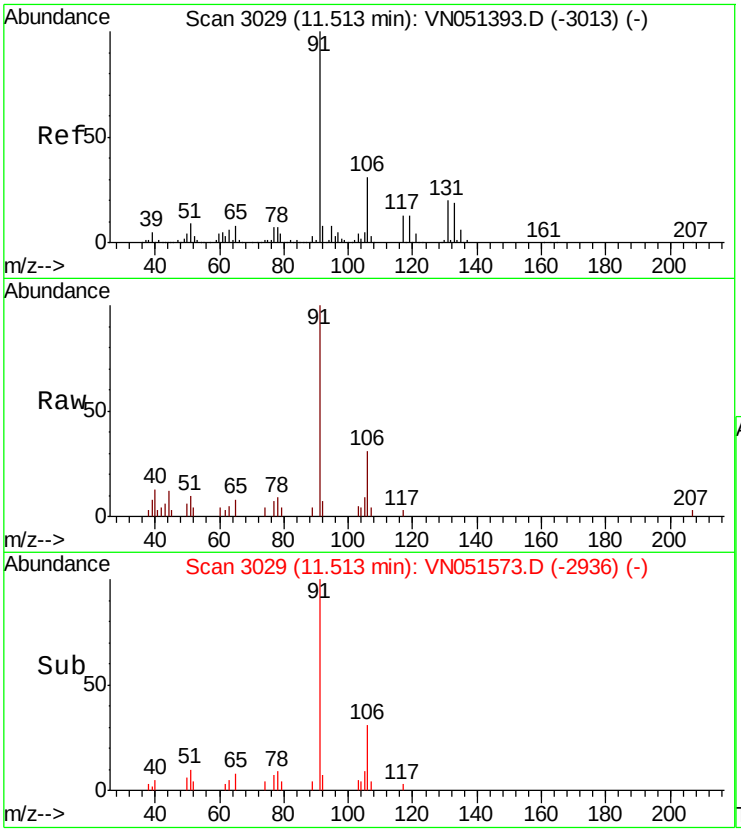


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion:117 Resp: 868436

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	32.1	25.9	38.9



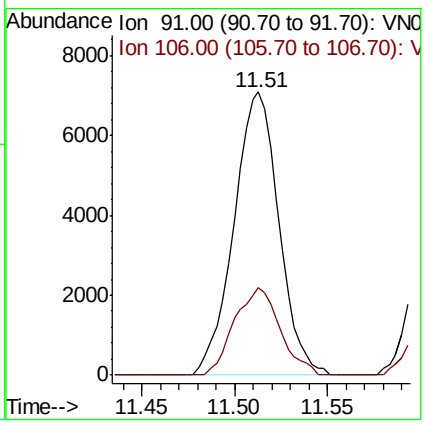


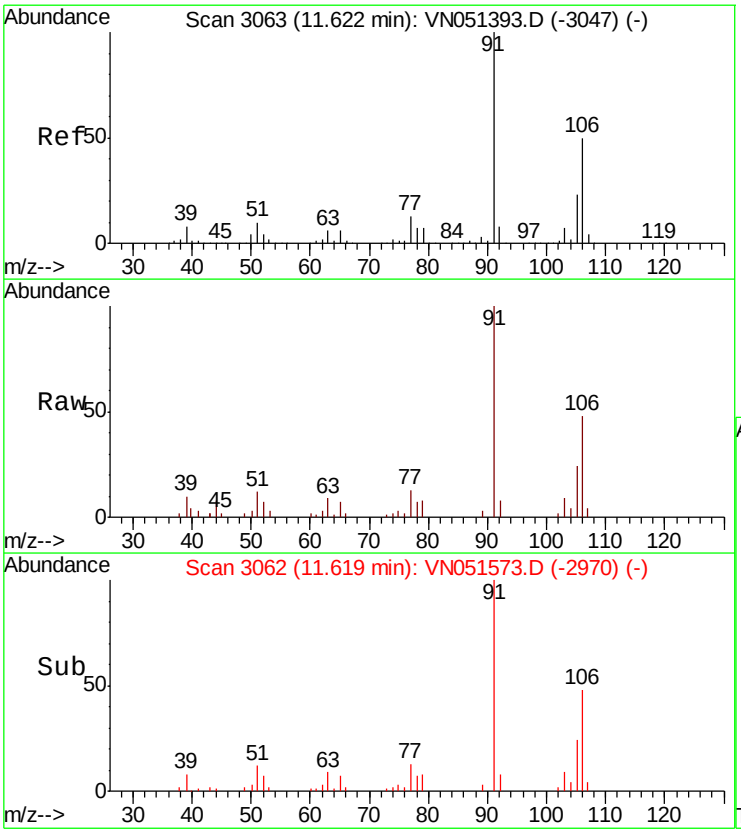
#67
Ethyl Benzene
Concen: 0.317 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion: 91 Resp: 11911

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.0	37.4

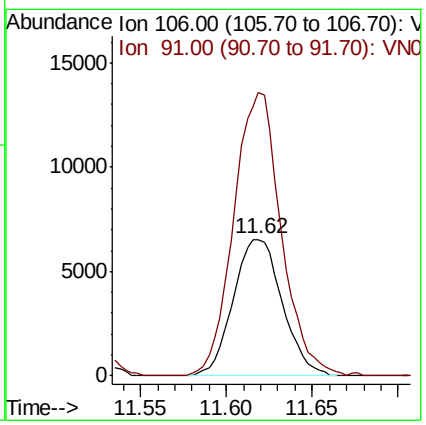


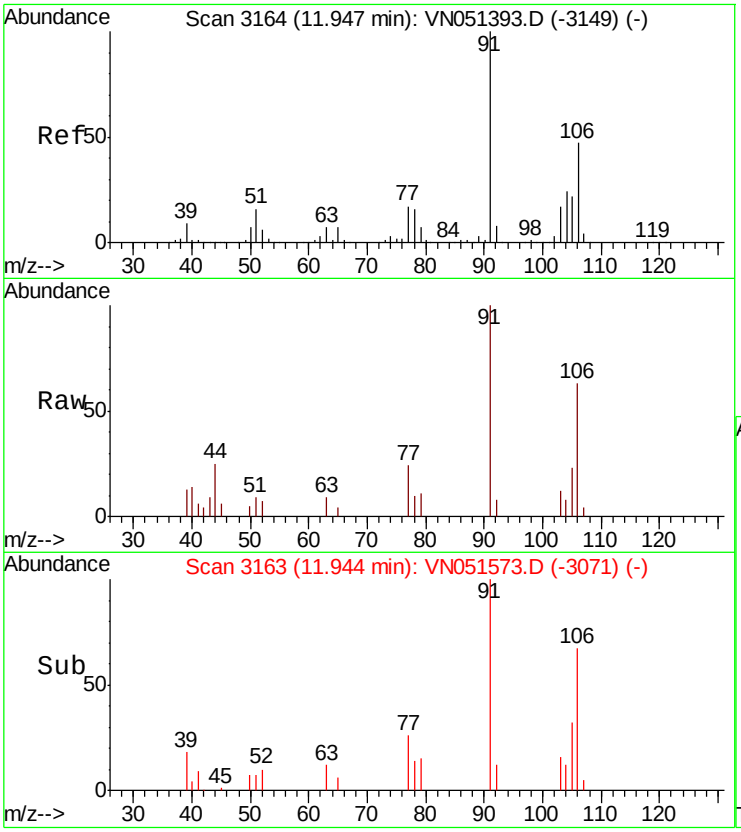


#68
m/p-Xylenes
Concen: 0.889 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion:106 Resp: 12917

Ion	Ratio	Lower	Upper
106	100		
91	201.7	161.3	241.9



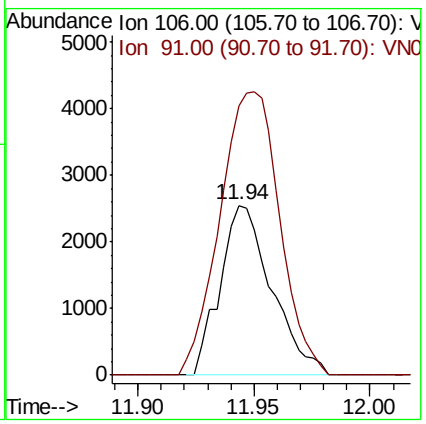


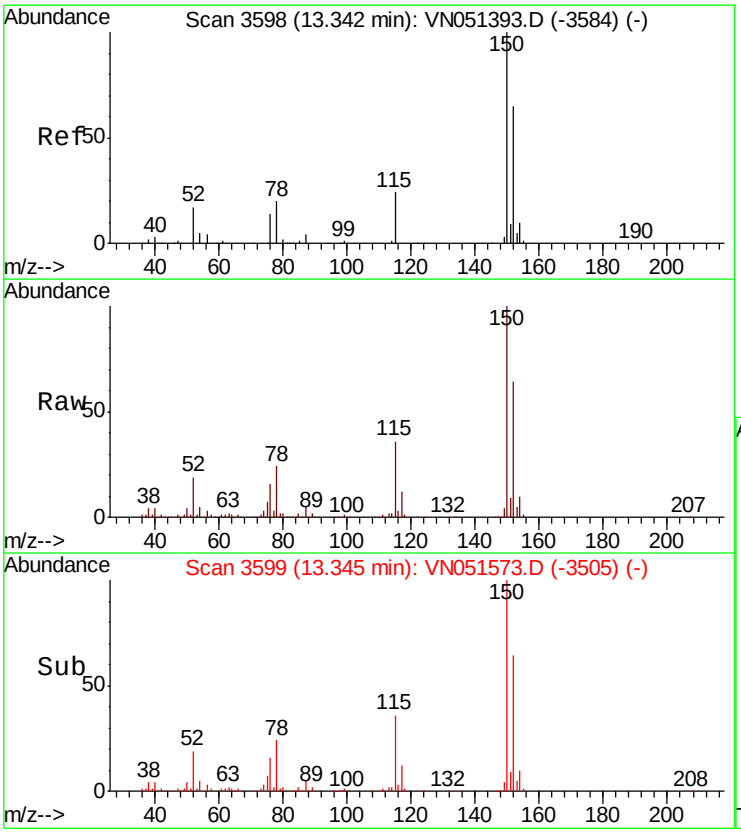
#69
o-Xylene
Concen: 0.281 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion:106 Resp: 3924

Ion	Ratio	Lower	Upper
106	100		
91	194.5	105.3	315.9

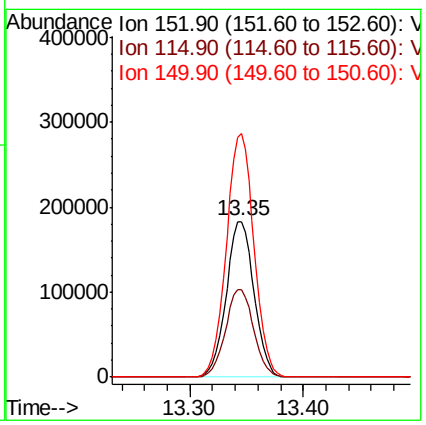


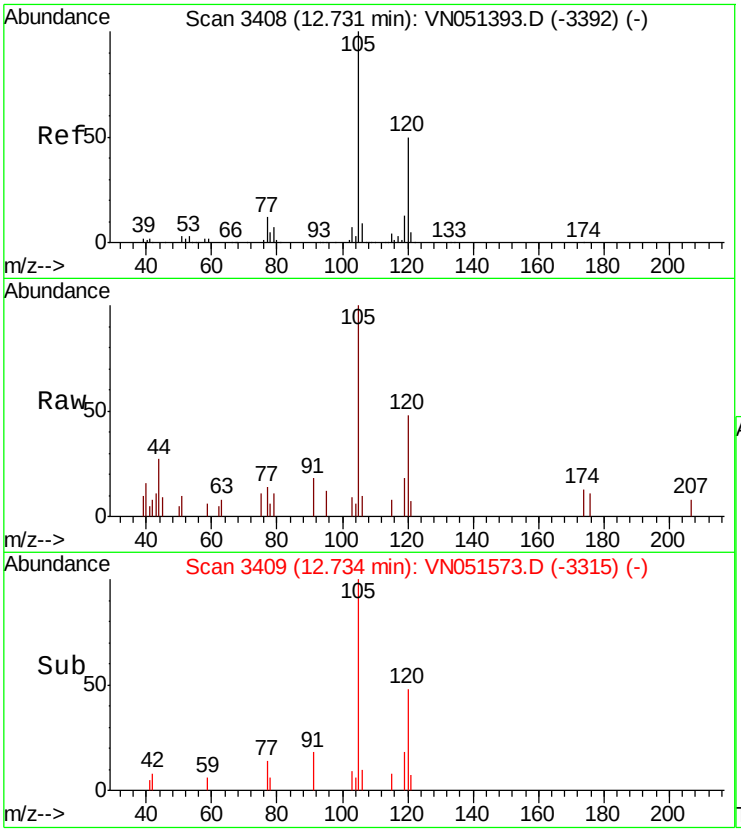


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion:152 Resp: 311990

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.3	84.9
150	155.2	0.0	353.6



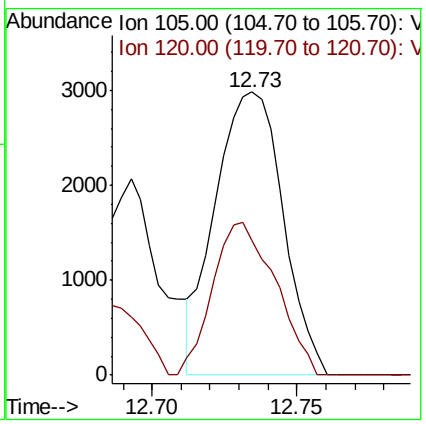


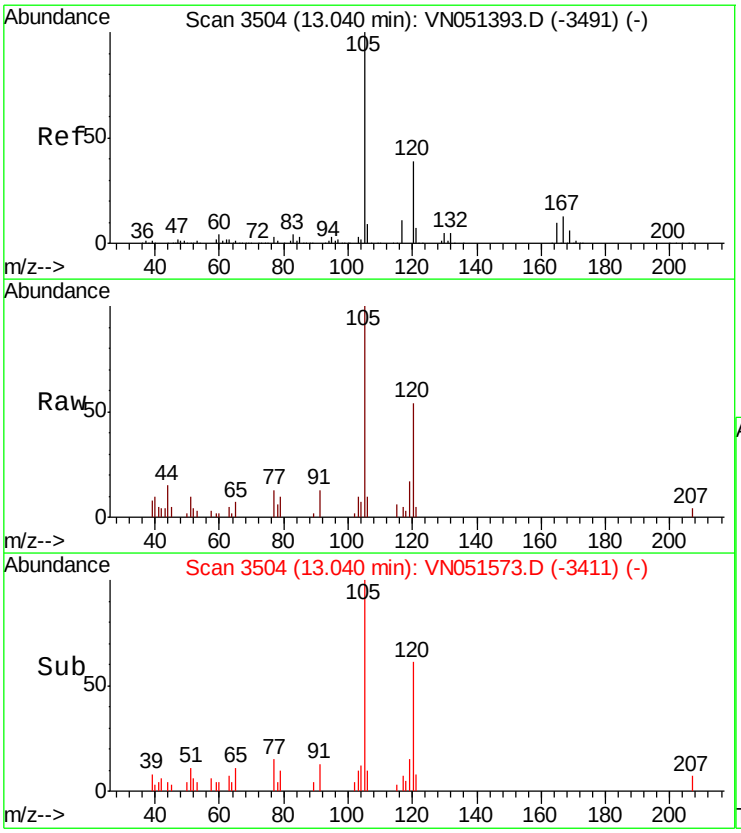
#80
1,3,5-Trimethylbenzene
Concen: 0.225 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion:105 Resp: 4839

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.8	74.4

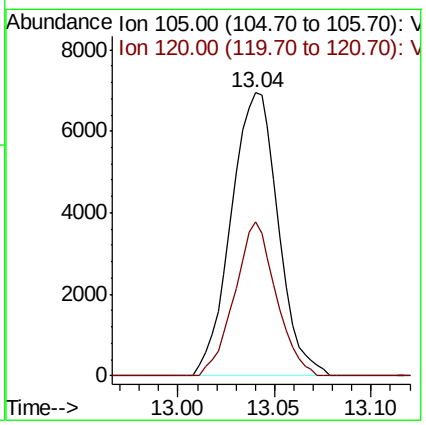


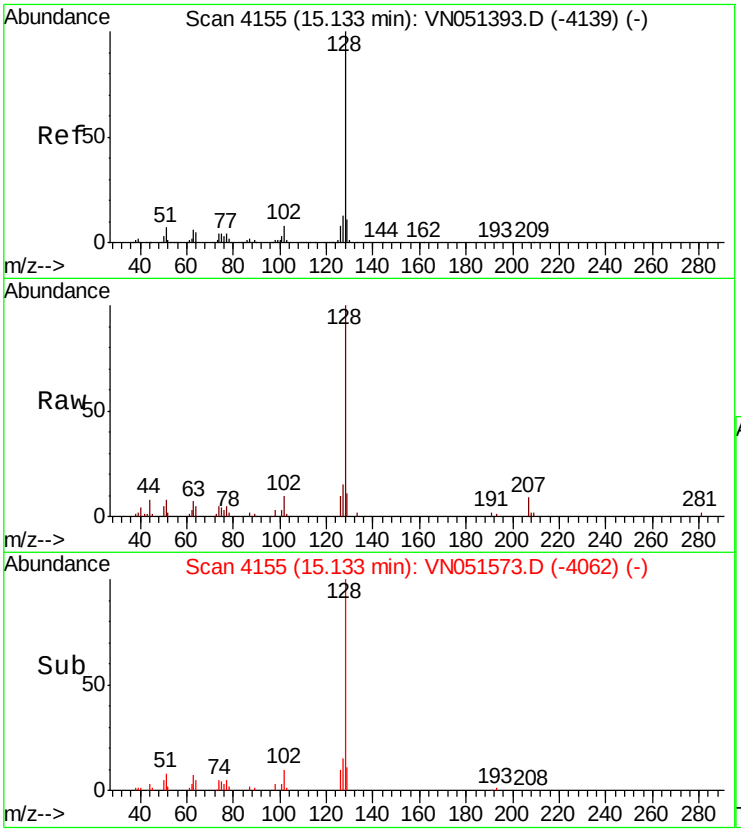


#84
1,2,4-Trimethylbenzene
Concen: 0.544 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Tgt Ion:105 Resp: 11760

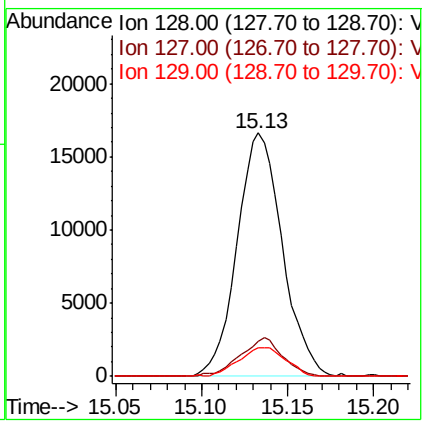
Ion	Ratio	Lower	Upper
105	100		
120	47.8	22.9	68.7





#95
Naphthalene
Concen: 10.242 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051573.D
Acq: 27 Sep 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-1

Tgt Ion:128 Resp: 30377

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.5	15.7
129	12.2	8.6	12.8