Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049314.D
Acq On : 16 Jun 2018 17:20
Operator : MD\SY
Sample : J3564-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 18 03:19:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1443768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2278706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1916666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	547102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	970081	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.32%			
35) Dibromofluoromethane	7.59	113	869581	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
50) Toluene-d8	10.09	98	3196276	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.06%			
62) 4-Bromofluorobenzene	12.40	95	804688	34.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.34%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	5464	0.25	ug/l #	87
5) Bromomethane	2.57	94	4874	0.41	ug/l	94
10) Methyl Iodide	3.96	142	3878	0.21	ug/l #	40
13) Acrolein	3.60	56	590	0.50	ug/l #	59
16) Acetone	3.82	43	16512	3.55	ug/l	96
18) Methyl Acetate	4.34	43	27306	1.93	ug/l #	76
20) Methylene Chloride	4.56	84	7543	0.39	ug/l	85
29) Tetrahydrofuran	7.22	42	1030	0.26	ug/l #	57
31) Cyclohexane	7.66	56	26026	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	101037	3.87	ug/l #	50
38) Carbon Tetrachloride	7.67	117	132800	4.91	ug/l #	16
43) Isopropyl Acetate	8.22	43	46333	1.71	ug/l #	65
49) 1,4-Dioxane	9.21	88	286	1.62	ug/l #	50
58) 2-Chloroethyl Vinyl ether	9.63	63	121	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	2227	0.24	ug/l	75
75) 1,1,2,2-Tetrachloroethane	12.51	83	124	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	390627	41.85	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	390627	132.25	ug/l #	8
90) Hexachloroethane	13.90	117	72	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.92	180	990	4.84	ug/l #	88
94) Hexachlorobutadiene	15.01	225	2762	Below Cal		93
95) Naphthalene	15.13	128	2654	2.25	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	1214	3.58	ug/l	97

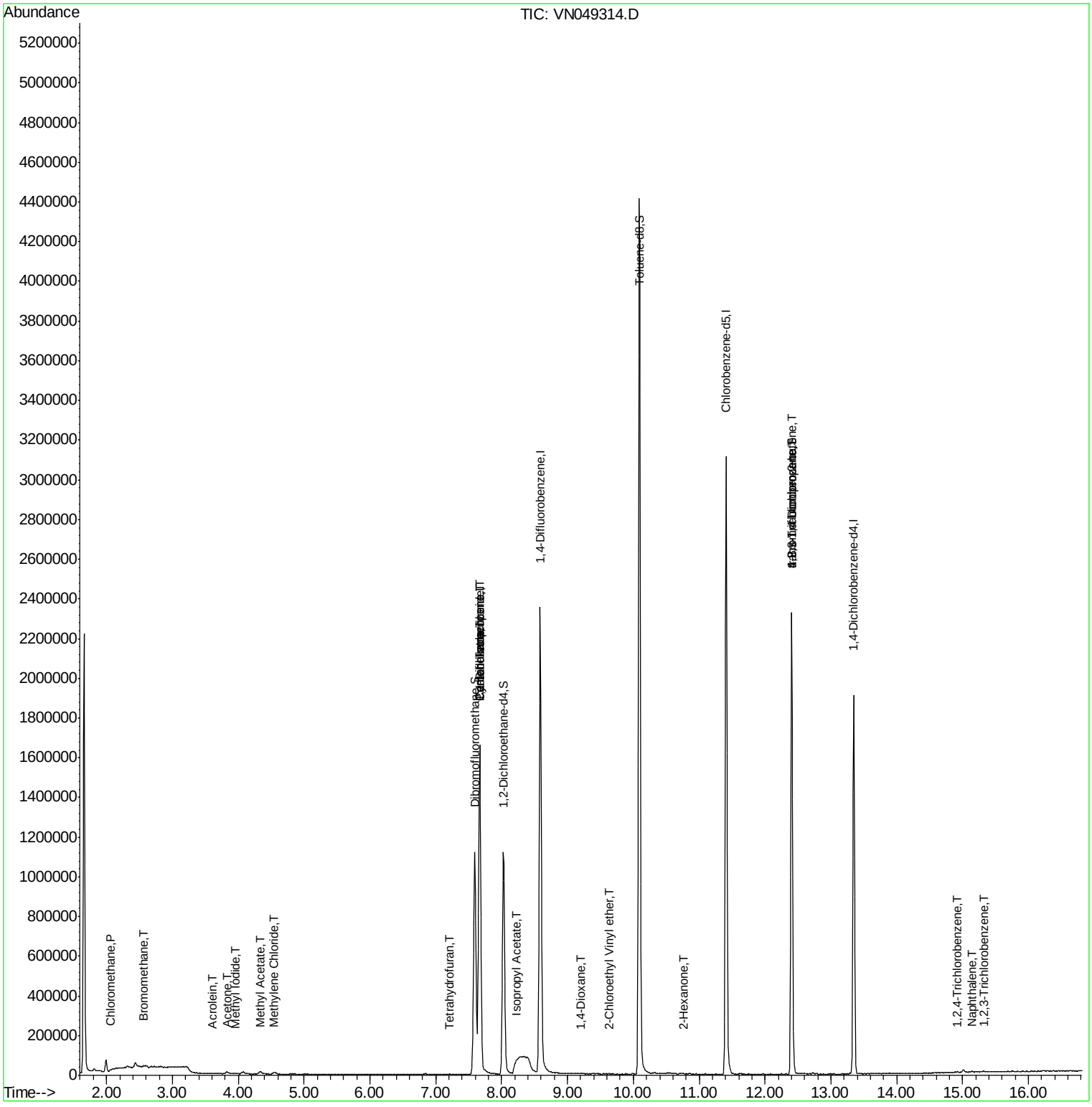
(#) = qualifier out of range (m) = manual integration (+) = signals summed

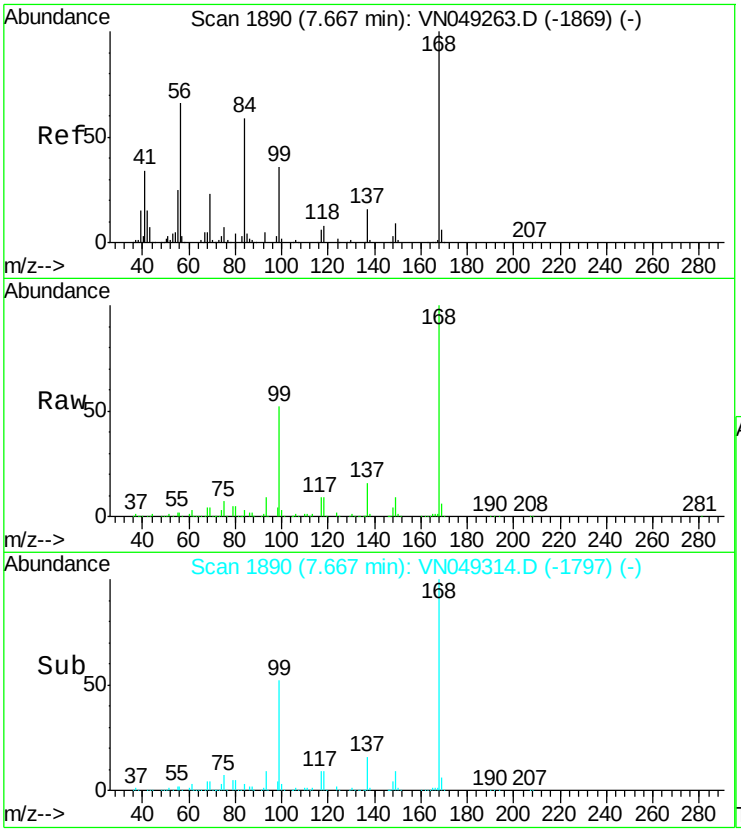
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049314.D
Acq On : 16 Jun 2018 17:20
Operator : MD\SY
Sample : J3564-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 03:19:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration



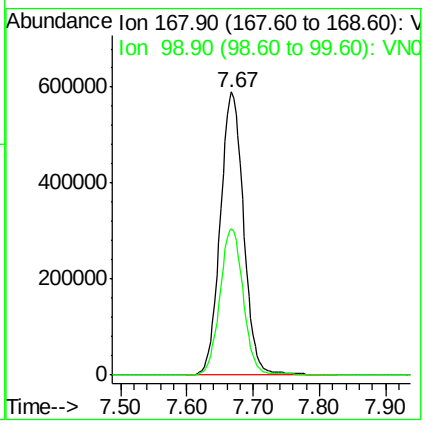


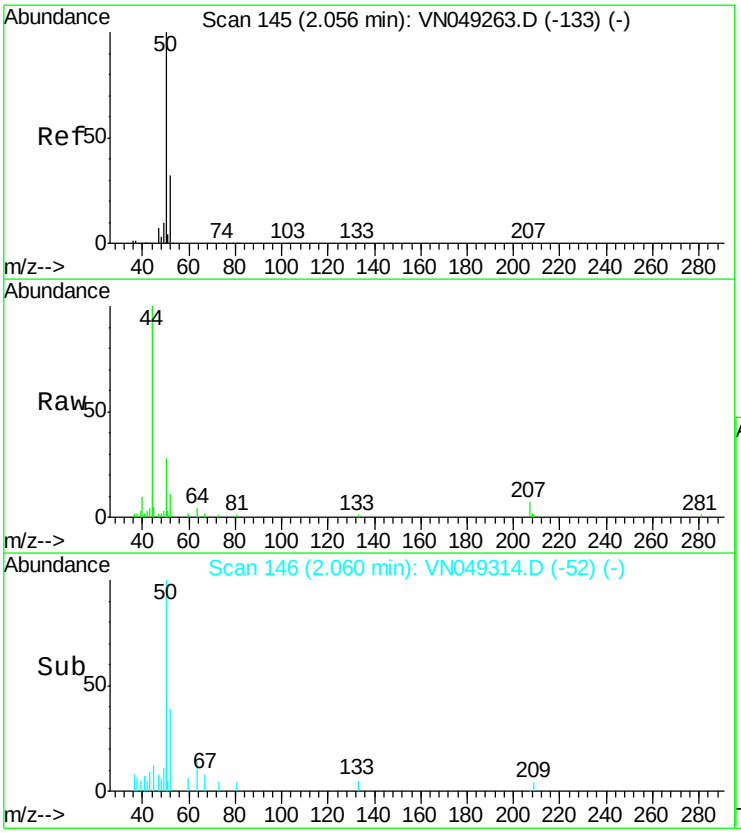
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1443768

Ion	Ratio	Lower	Upper
168	100		
99	51.9	45.8	68.6

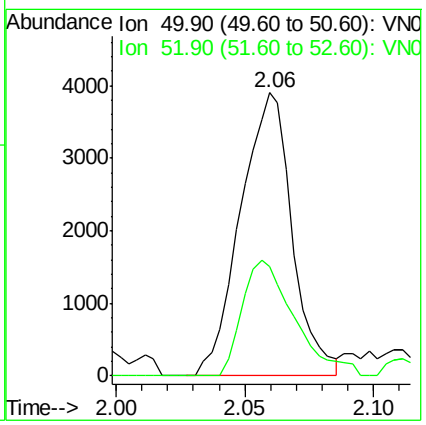


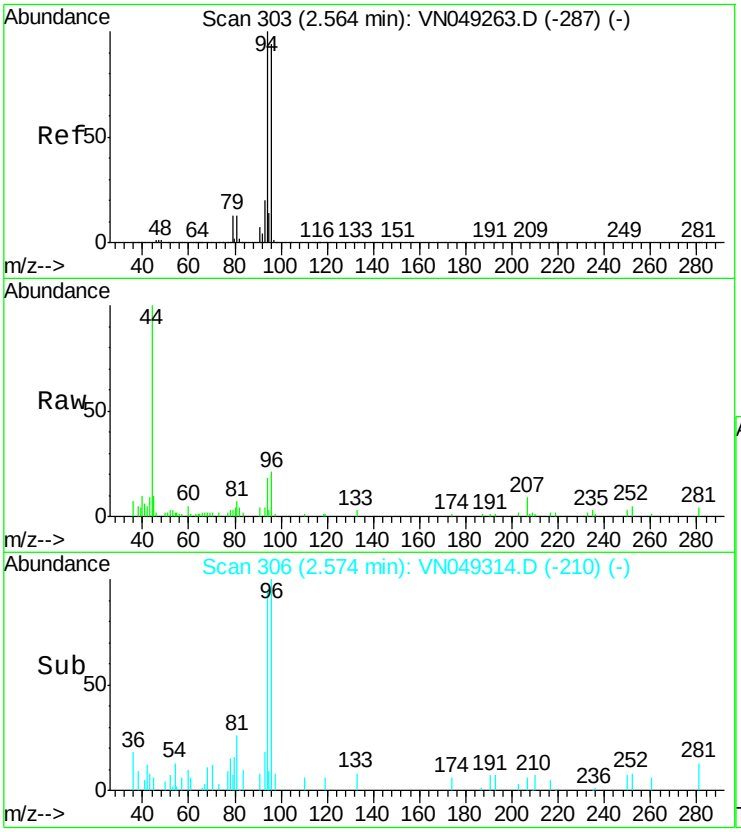


#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 50 Resp: 5464

Ion	Ratio	Lower	Upper
50	100		
52	38.5	25.2	37.8#



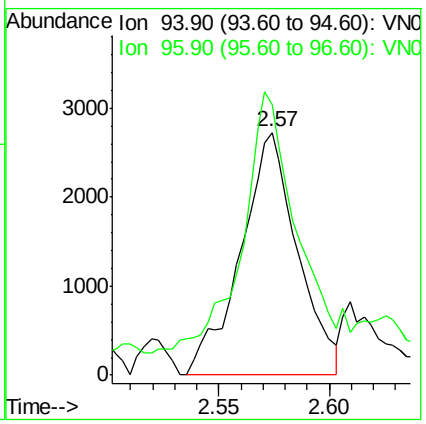


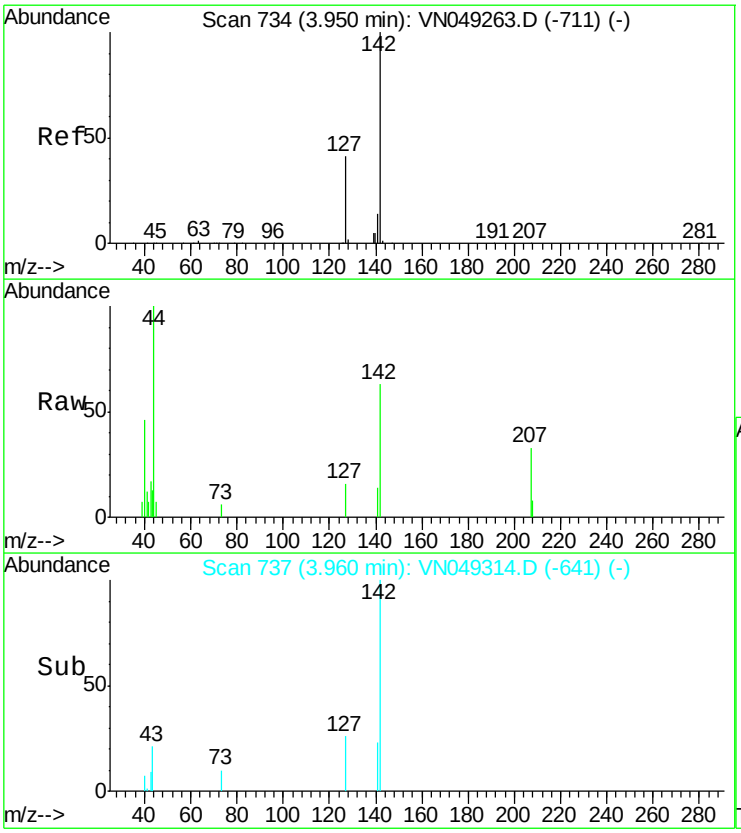
#5
Bromomethane
Concen: 0.41 ug/l
RT: 2.57 min Scan# 306
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 4874

Ion	Ratio	Lower	Upper
94	100		
96	96.4	72.8	109.2

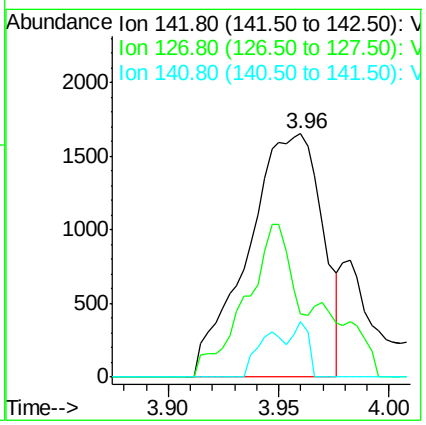


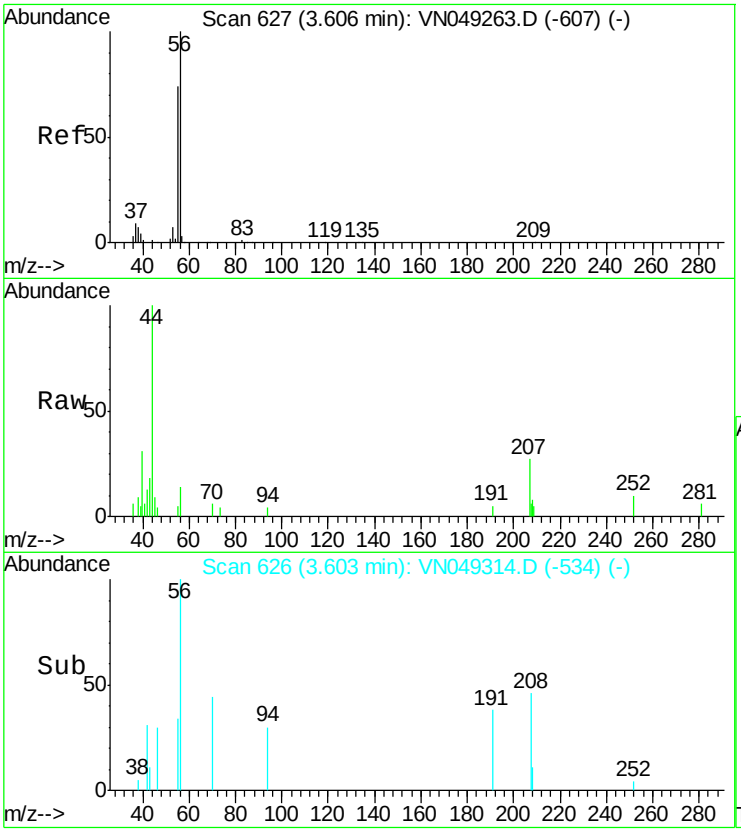


#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 3.96 min Scan# 737
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion:142 Resp: 3878

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.2	57.4#
141	4.8	11.9	17.9#



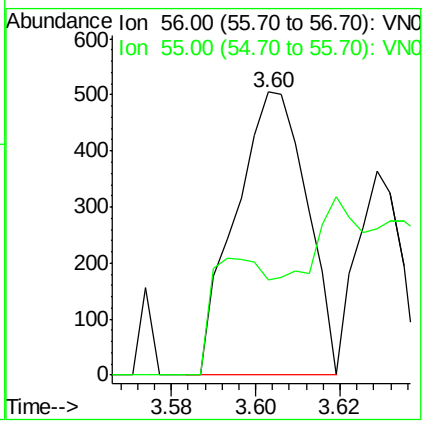


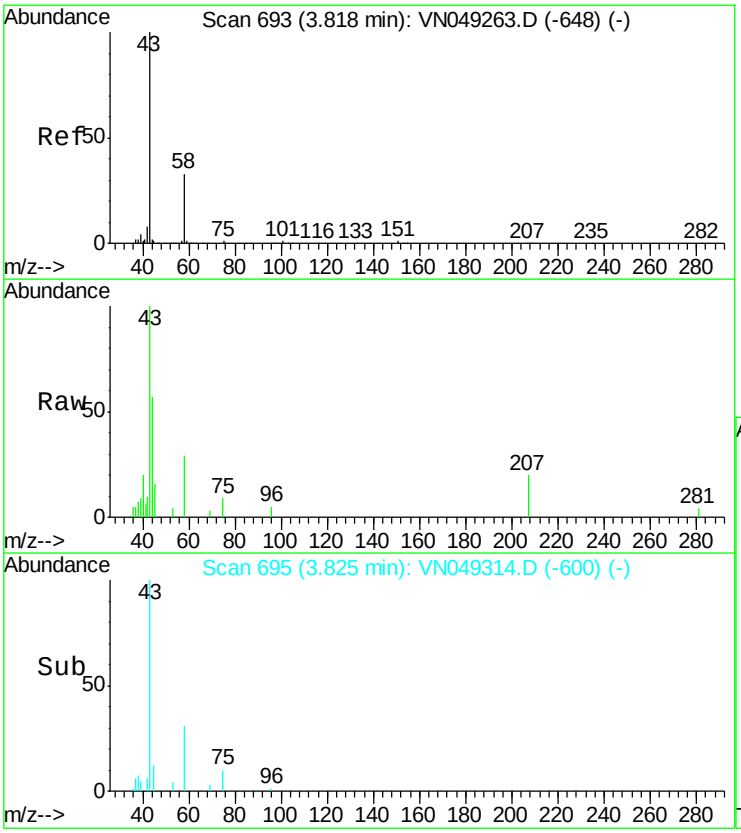
#13
Acrolein
Concen: 0.50 ug/l
RT: 3.60 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 590

Ion	Ratio	Lower	Upper
56	100		
55	37.8	57.1	85.7#

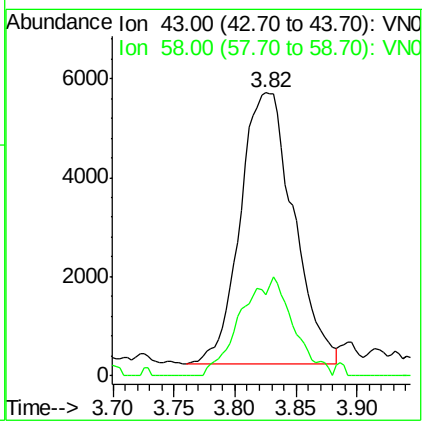


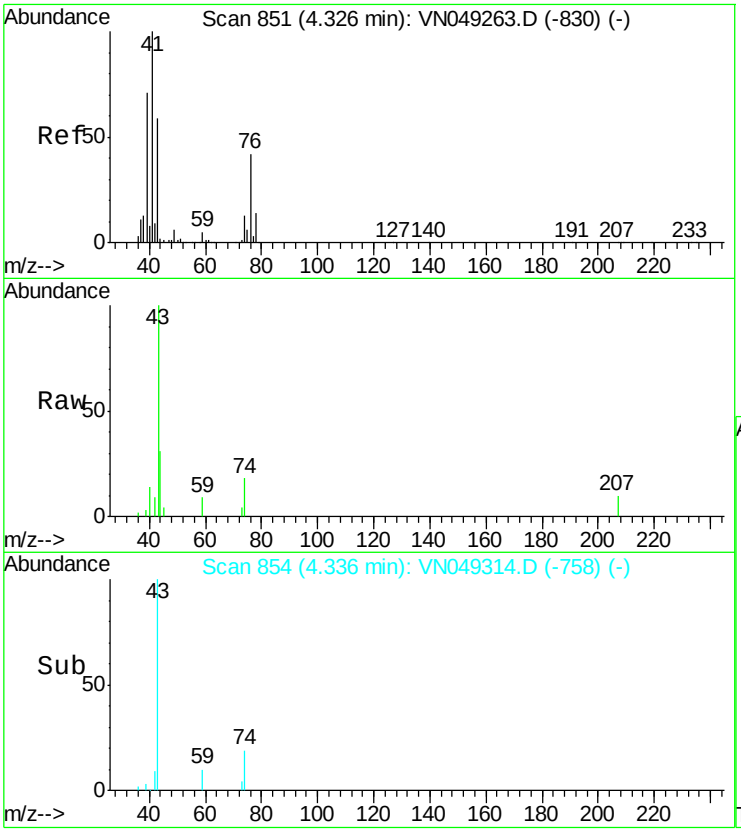


#16
Acetone
Concen: 3.55 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 43 Resp: 16512

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.4	33.6



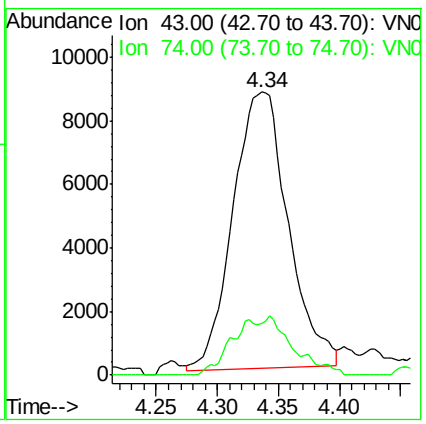


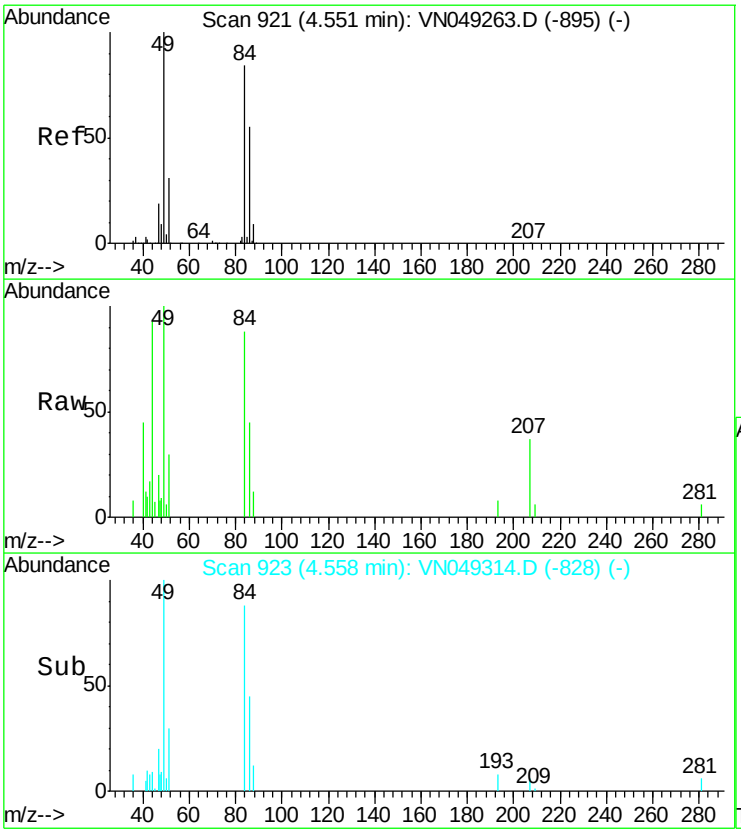
#18
Methyl Acetate
Concen: 1.93 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 27306

Ion	Ratio	Lower	Upper
43	100		
74	10.3	17.4	26.0#

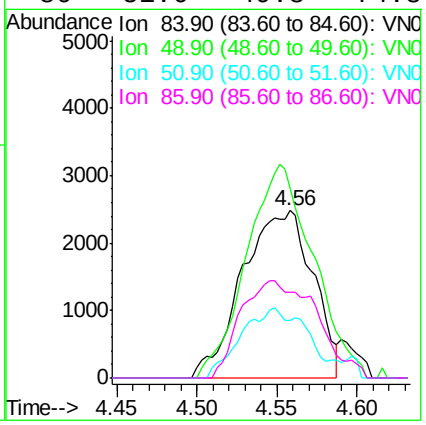


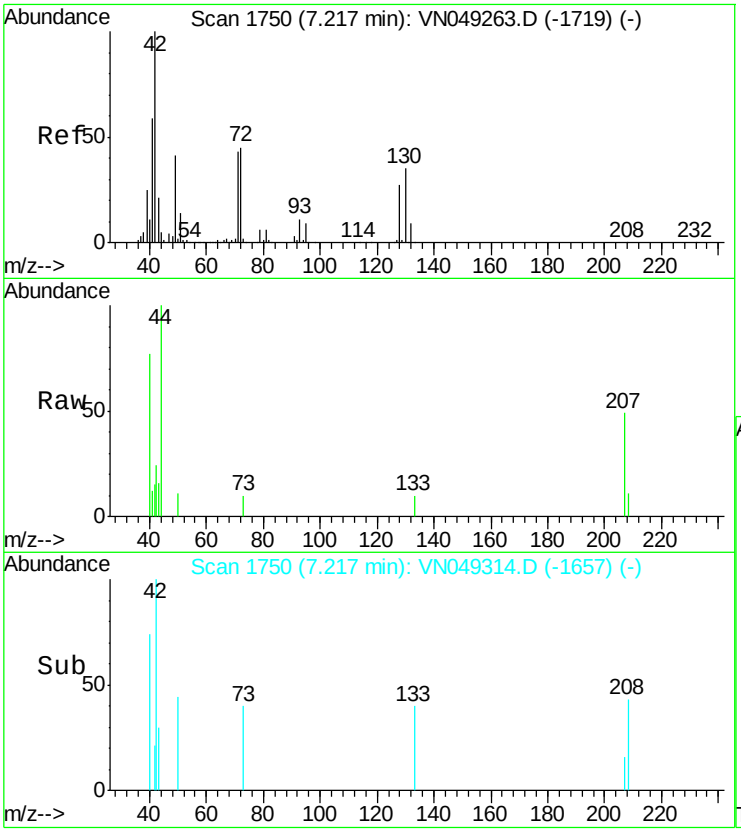


#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 84 Resp: 7543

Ion	Ratio	Lower	Upper
84	100		
49	113.4	106.9	160.3
51	34.3	32.7	49.1
86	51.6	49.8	74.8



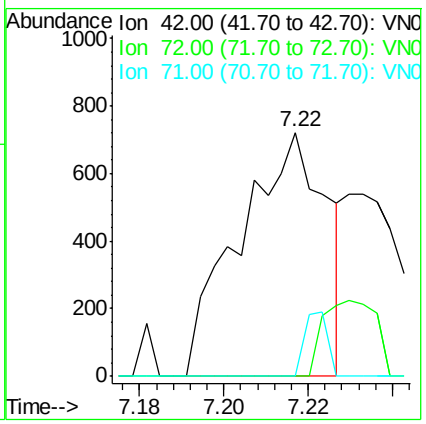


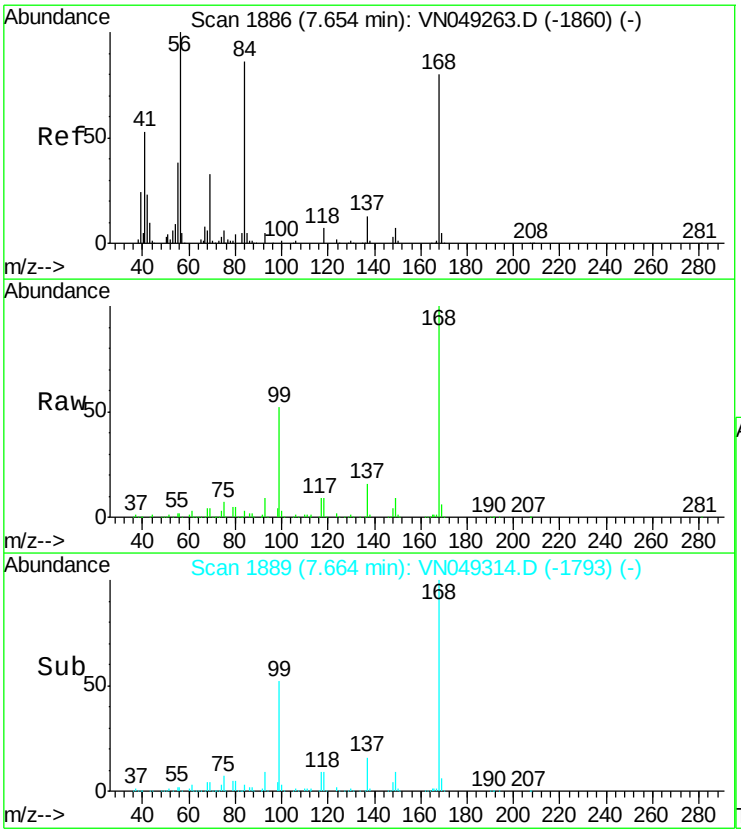
#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1030

Ion	Ratio	Lower	Upper
42	100		
72	19.0	32.2	48.4#
71	7.0	30.5	45.7#

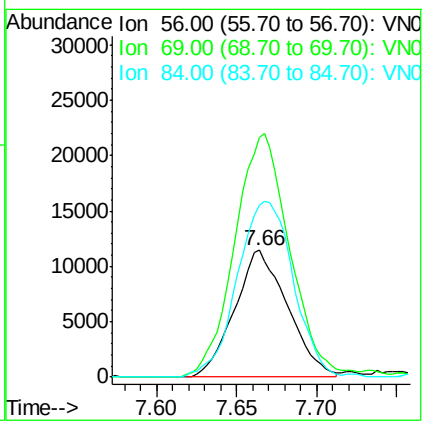


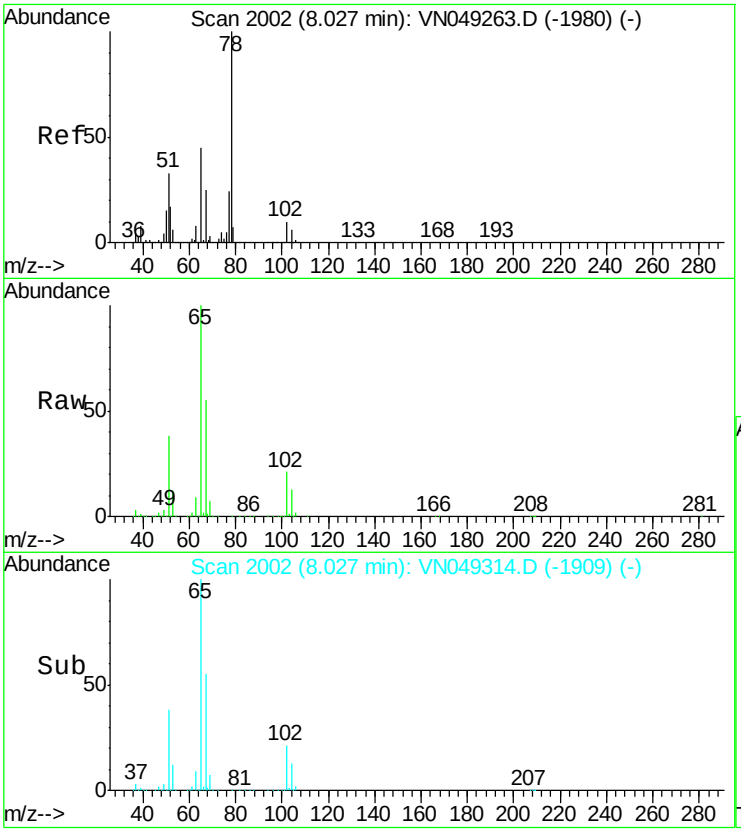


#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 56 Resp: 26026

Ion	Ratio	Lower	Upper
56	100		
69	187.5	25.0	37.4#
84	134.6	64.6	96.8#



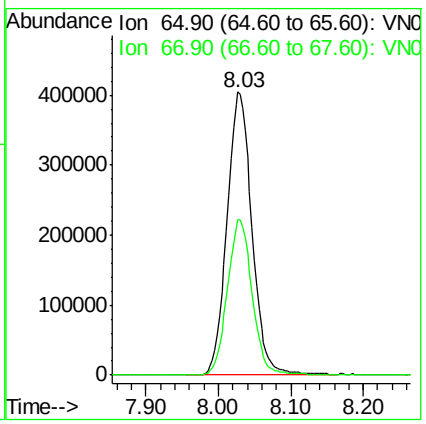


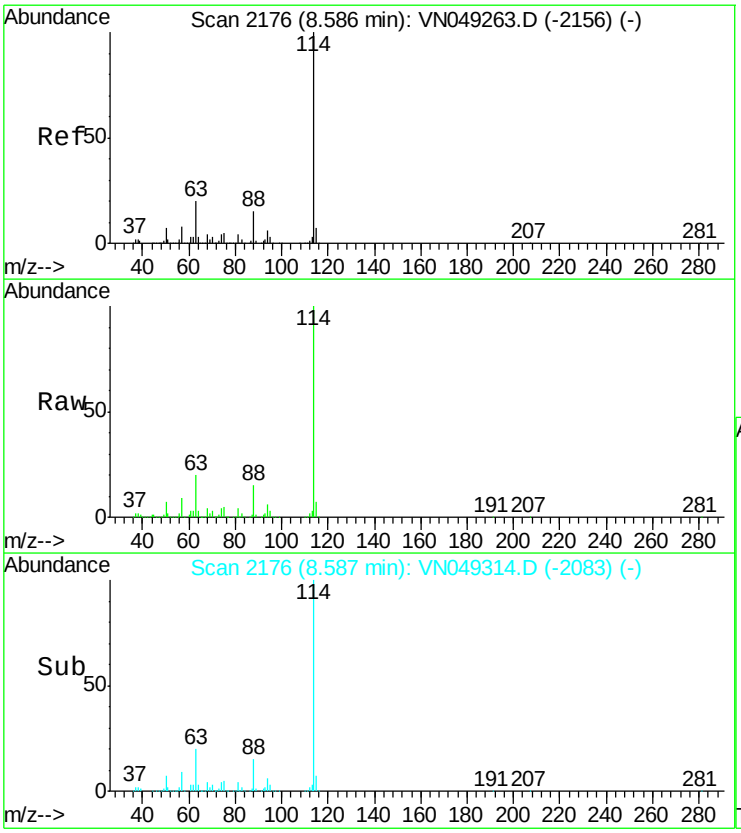
#33
1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 970081

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	103.8

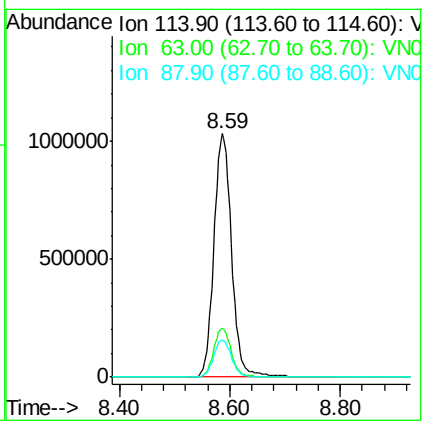


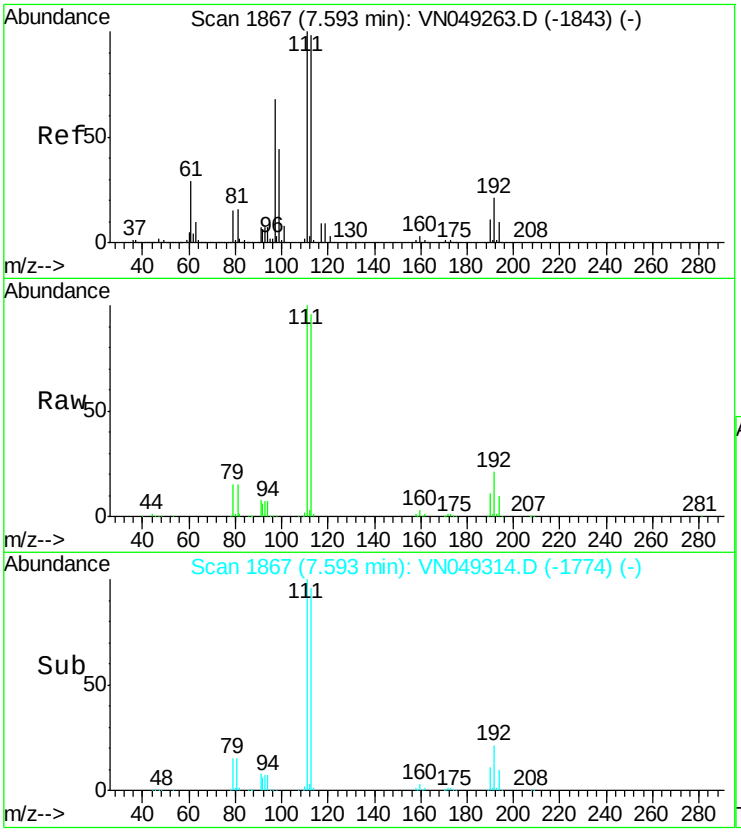


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion:114 Resp: 2278706

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.4
88	15.3	0.0	31.4



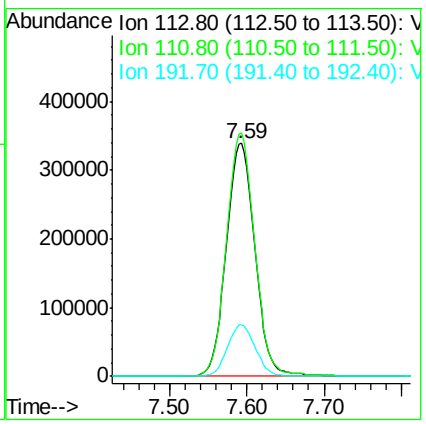


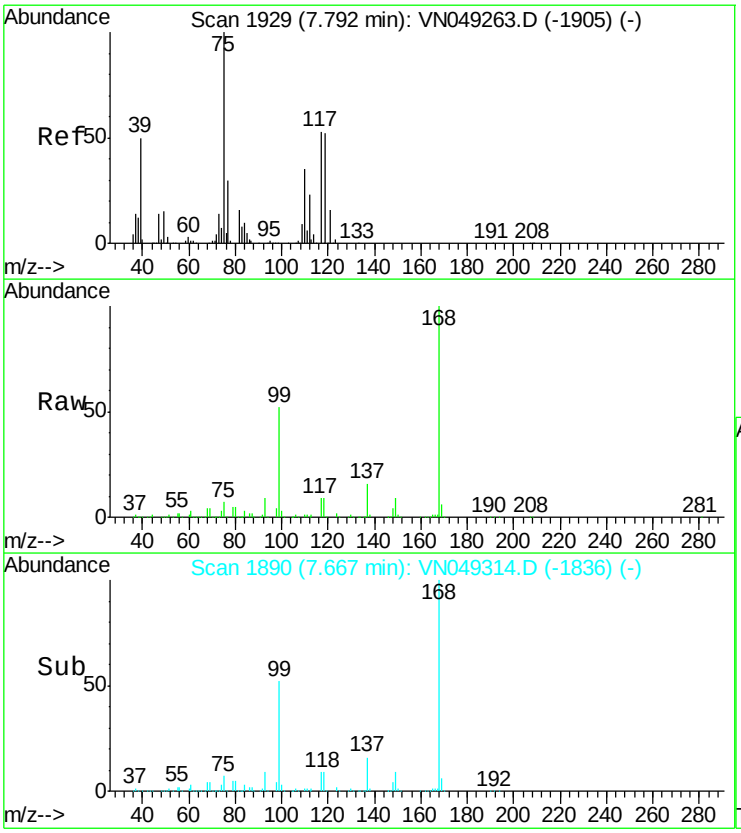
#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 869581

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	21.6	15.0	22.6

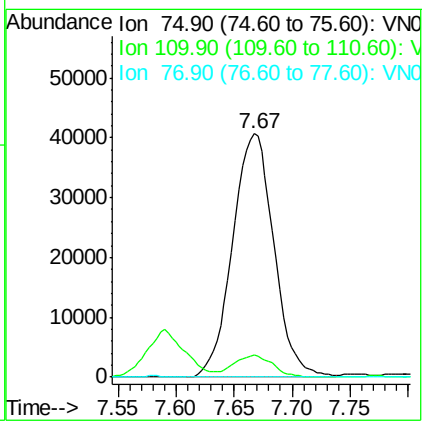


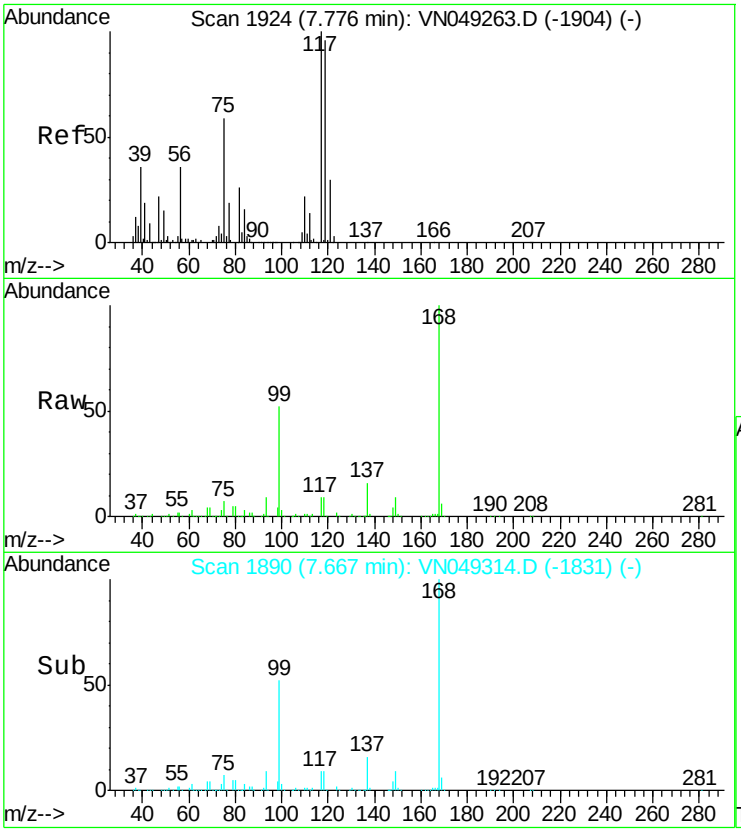


#36
1,1-Dichloropropene
Concen: 3.87 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 75 Resp: 101037

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	50.9#
77	0.0	24.4	36.6#



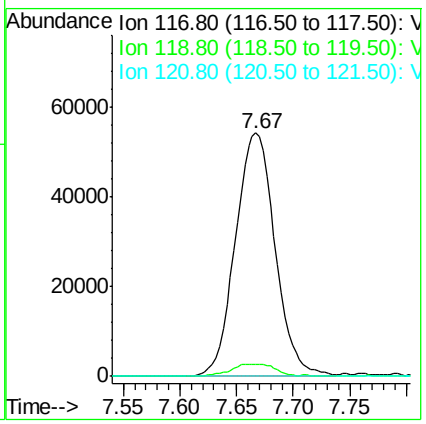


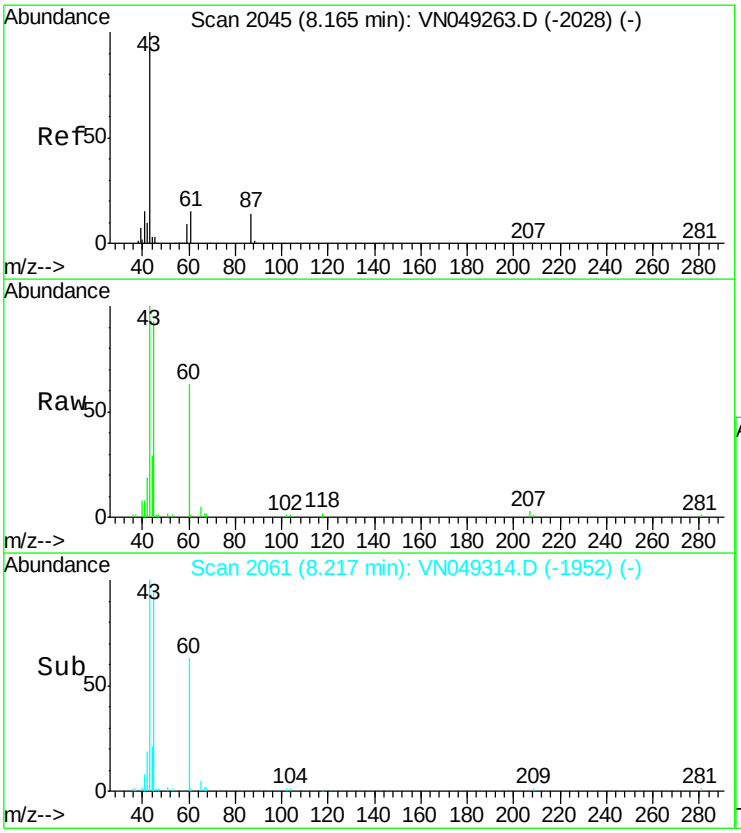
#38
Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 132800

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.6	113.4#
121	0.0	24.7	37.1#

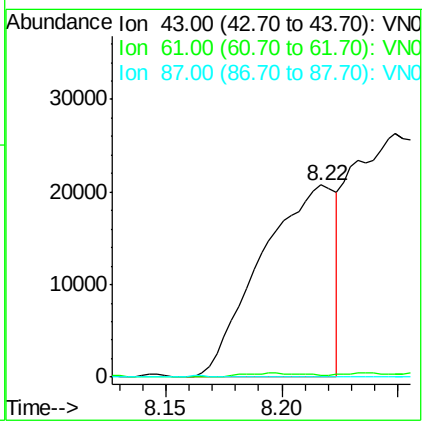


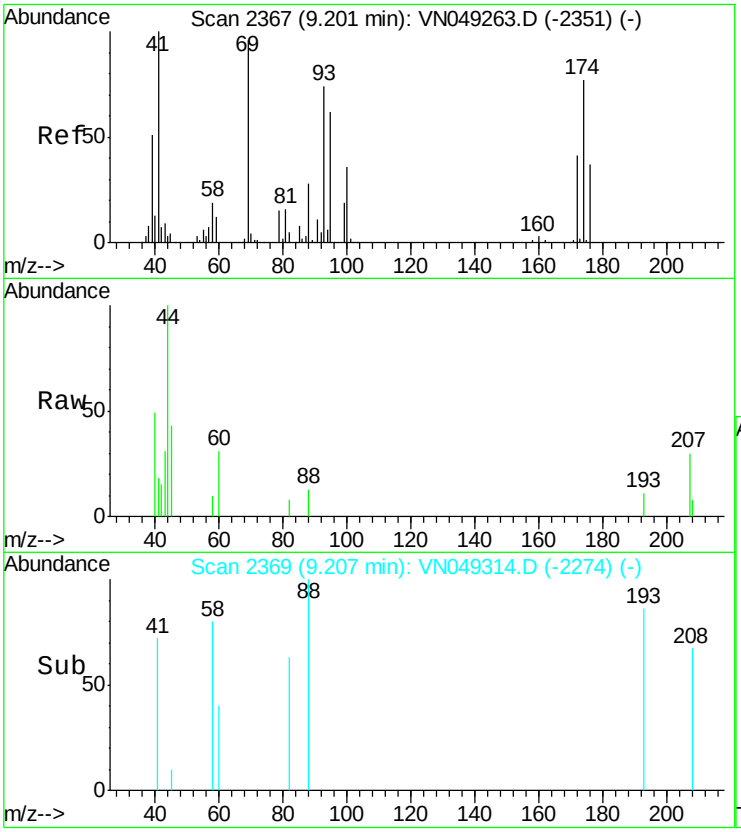


#43
Isopropyl Acetate
Concen: 1.71 ug/l
RT: 8.22 min Scan# 2061
Delta R.T. 0.05 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 43 Resp: 46333

Ion	Ratio	Lower	Upper
43	100		
61	1.3	14.2	21.4#
87	0.0	9.4	14.0#



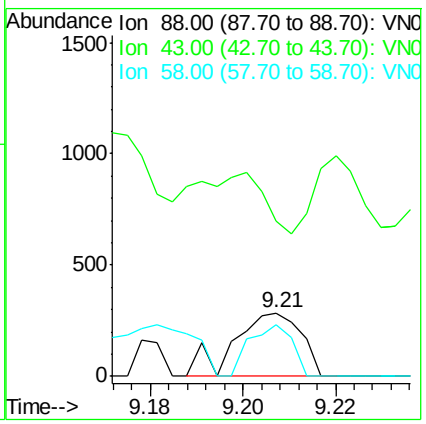


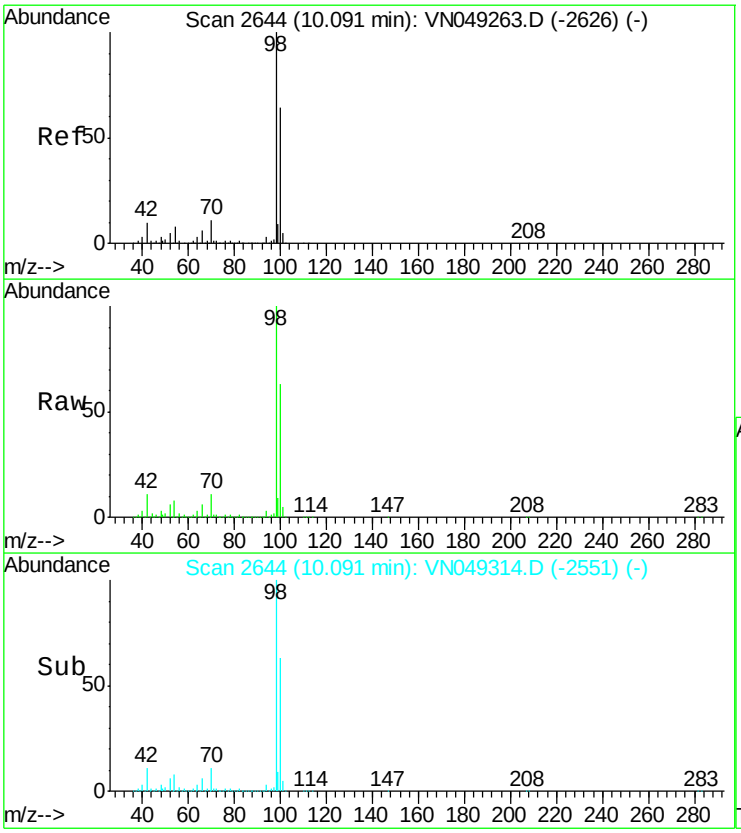
#49
1,4-Dioxane
Concen: 1.62 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 286

Ion	Ratio	Lower	Upper
88	100		
43	97.2	30.9	46.3#
58	51.4	58.9	88.3#

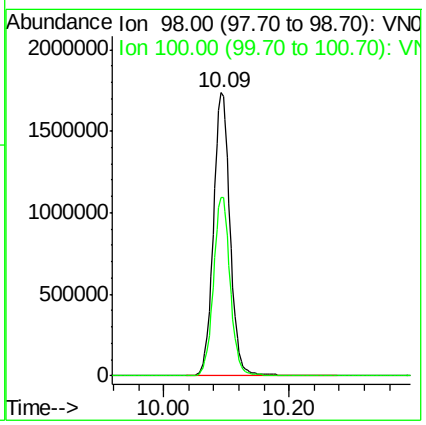


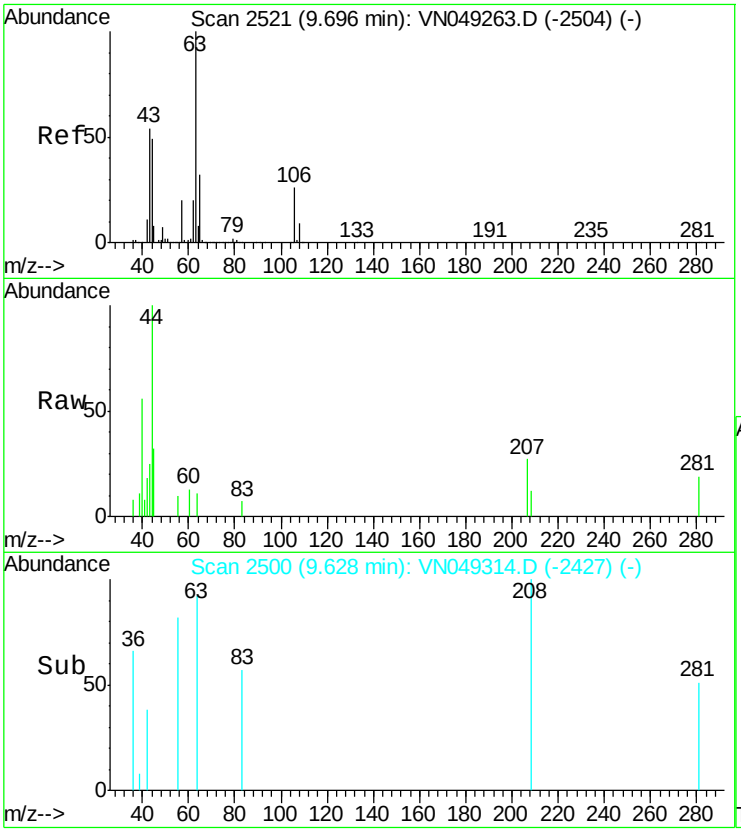


#50
Toluene-d8
Concen: 45.53 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 98 Resp: 3196276

Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8



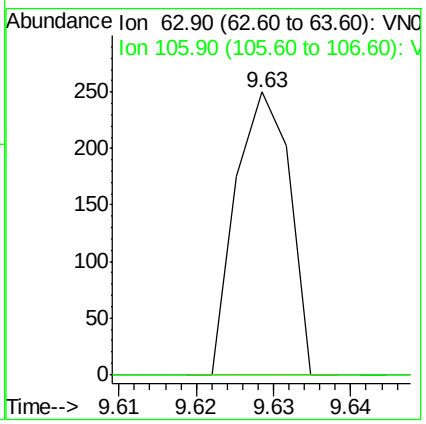


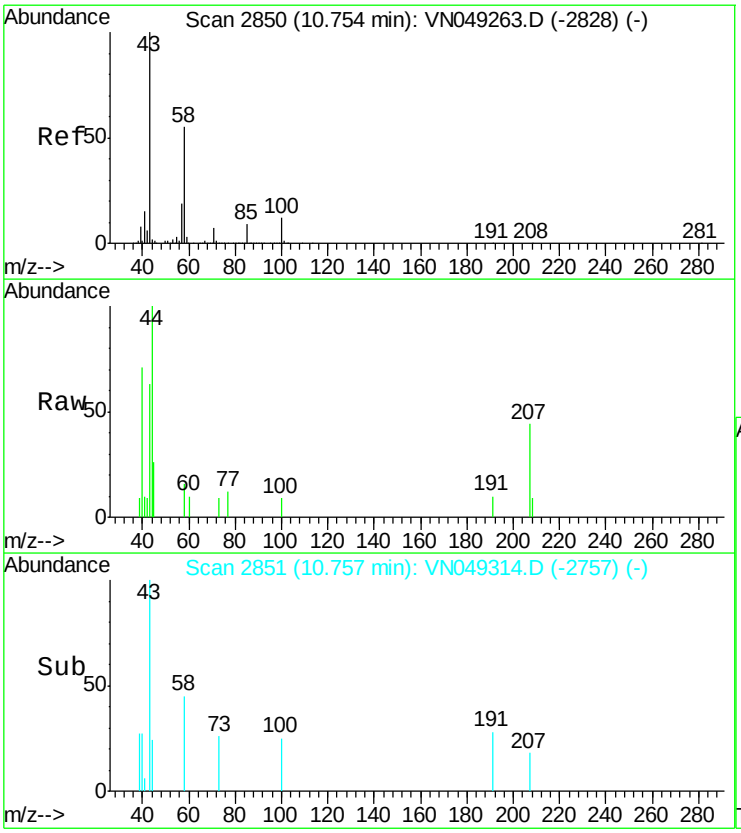
#58
2-Chloroethyl Vinyl ether
Concen: 14.34 ug/l
RT: 9.63 min Scan# 2500
Delta R.T. -0.07 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 121

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.4	29.2#

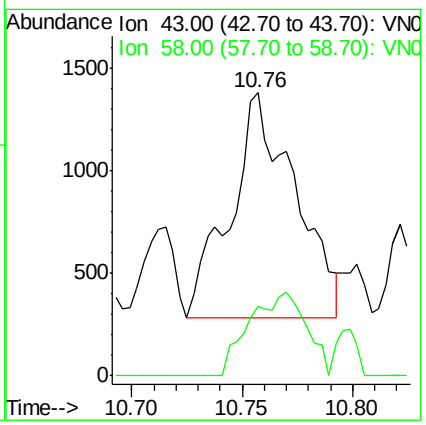


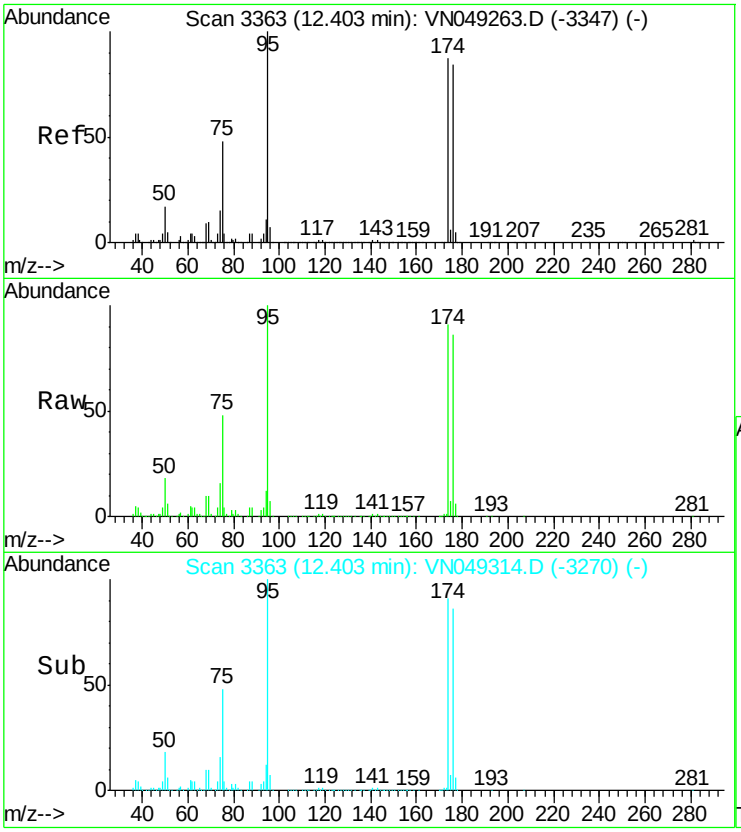


#59
2-Hexanone
Concen: 0.24 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.2	75.6



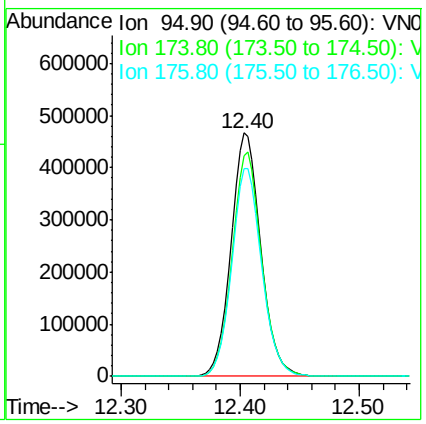


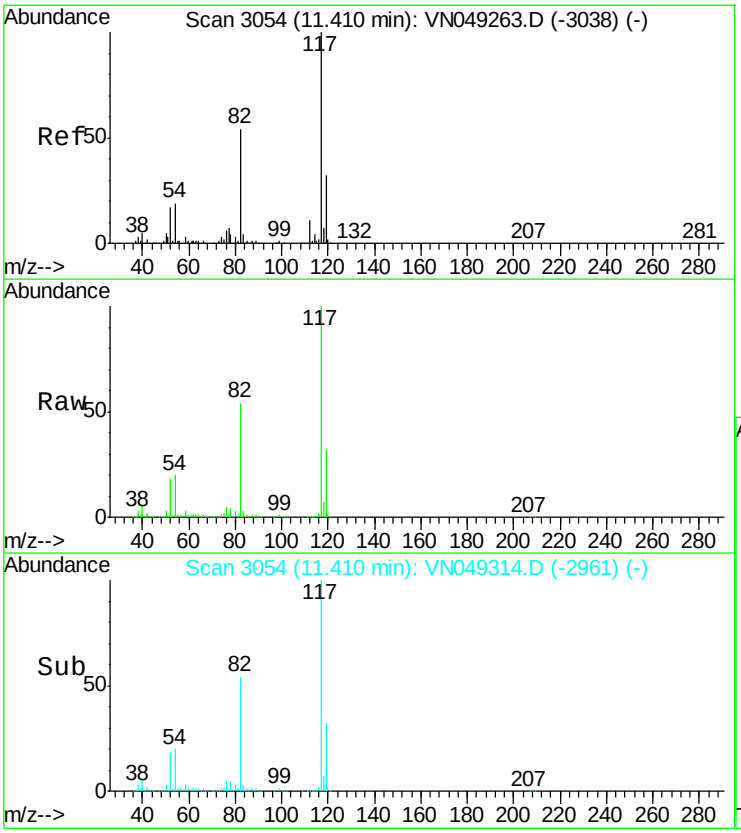
#62
4-Bromofluorobenzene
Concen: 34.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 804688

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	165.6
176	86.1	0.0	157.4

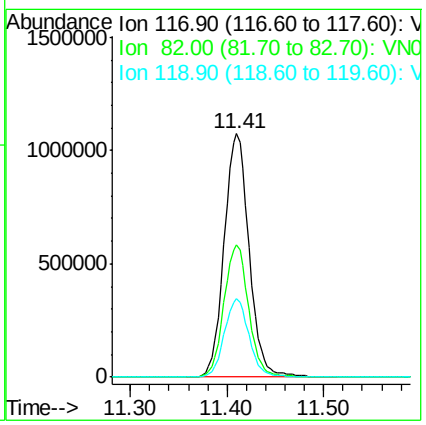


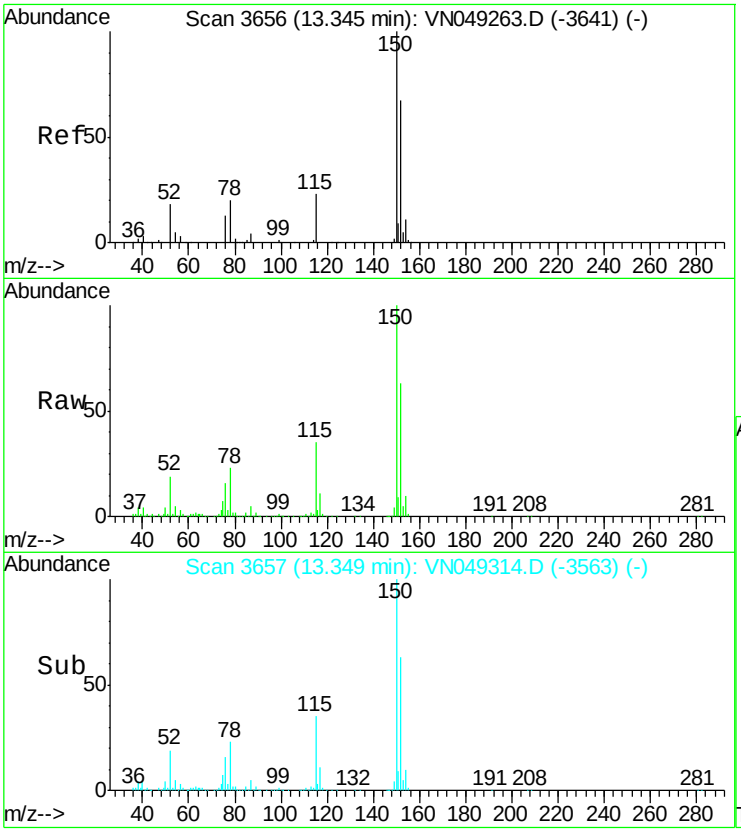


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion:117 Resp: 1916666

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.9	68.9
119	32.0	25.5	38.3



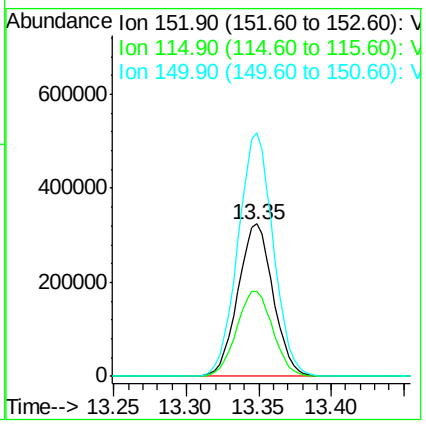


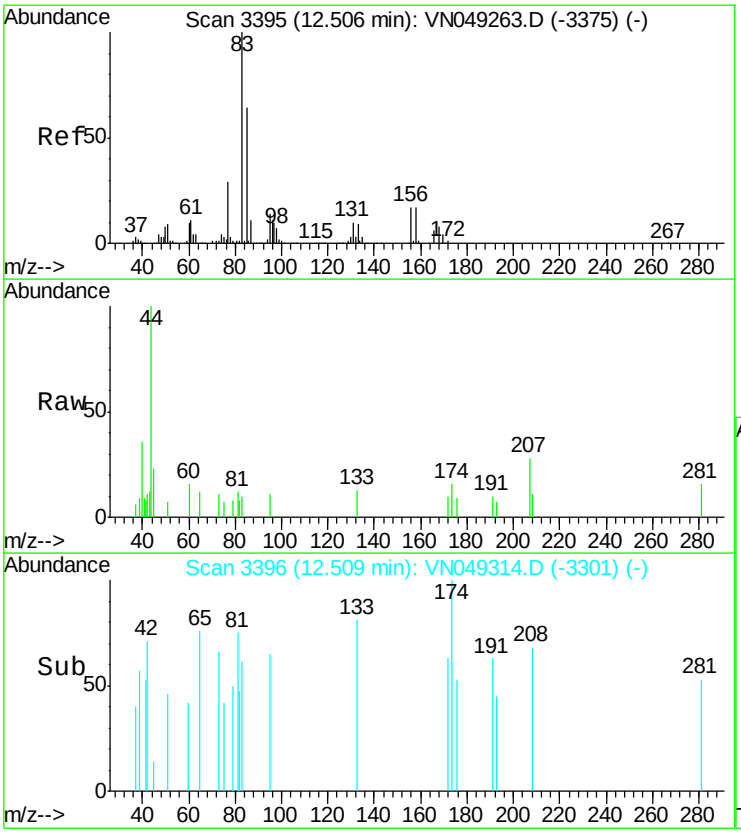
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 547102

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.7	86.1
150	159.6	0.0	351.0

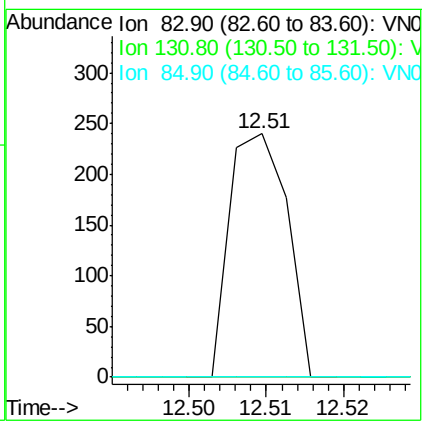


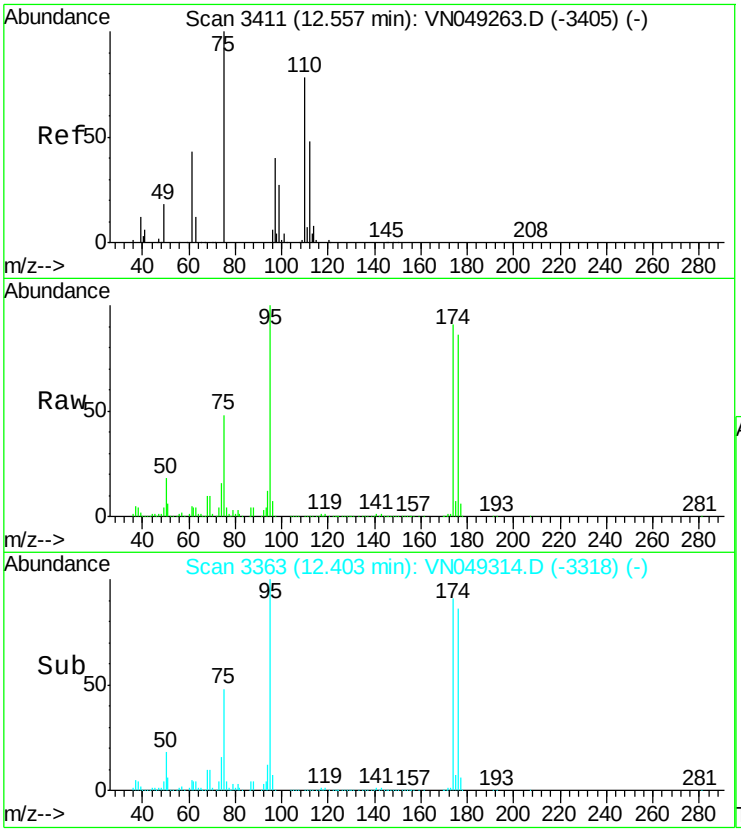


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 83 Resp: 124

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	0.0	32.0	96.0#



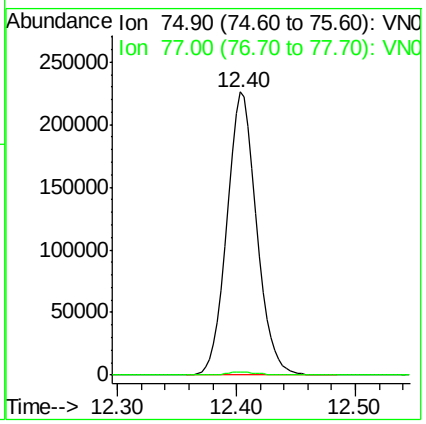


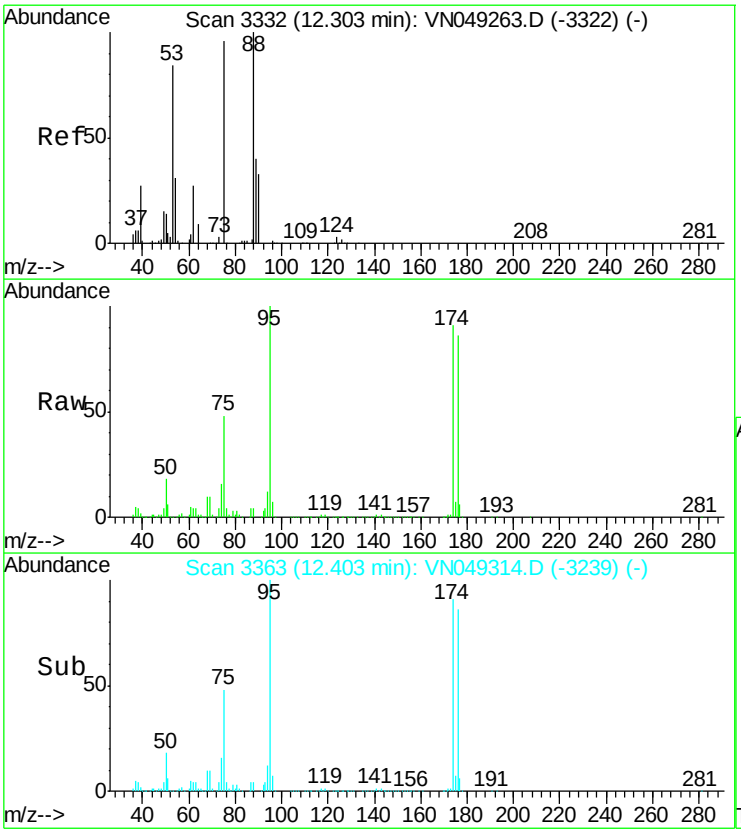
#76
1,2,3-Trichloropropane
Concen: 41.85 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 390627

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

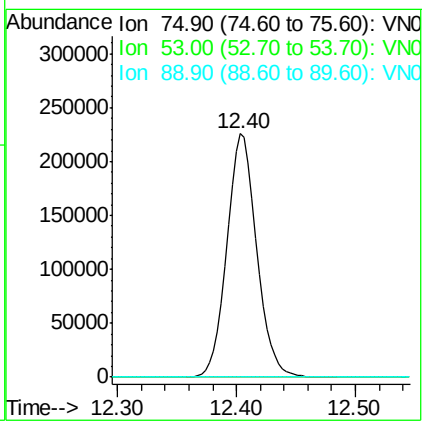


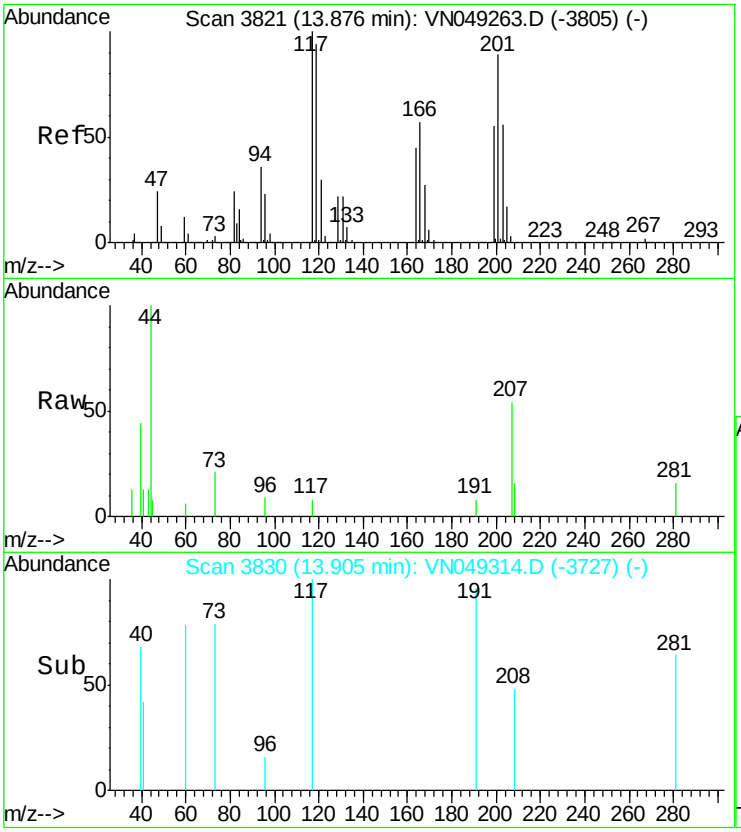


#81
trans-1,4-Dichloro-2-butene
Concen: 132.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion: 75 Resp: 390627

Ion	Ratio	Lower	Upper
75	100		
53	0.1	82.7	124.1#
89	0.0	36.5	54.7#



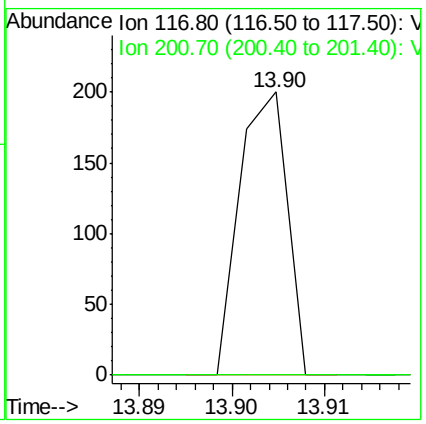


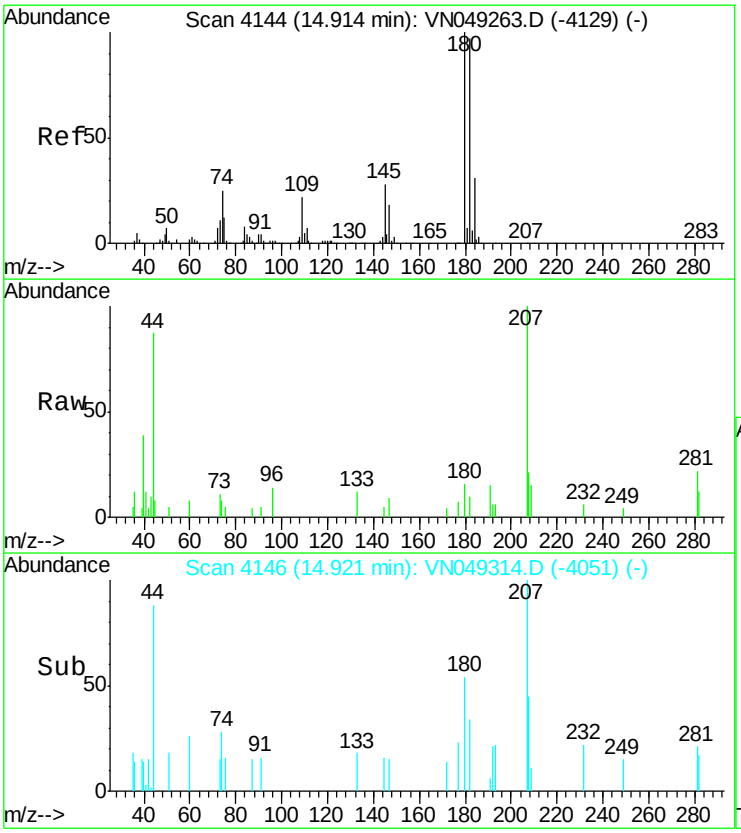
#90
Hexachloroethane
Concen: Below Cal
RT: 13.90 min Scan# 3830
Delta R.T. 0.03 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 72

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.1	120.2#

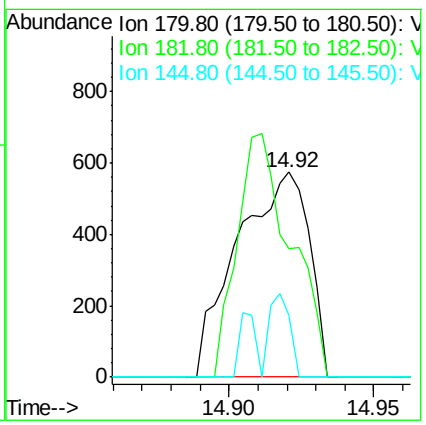


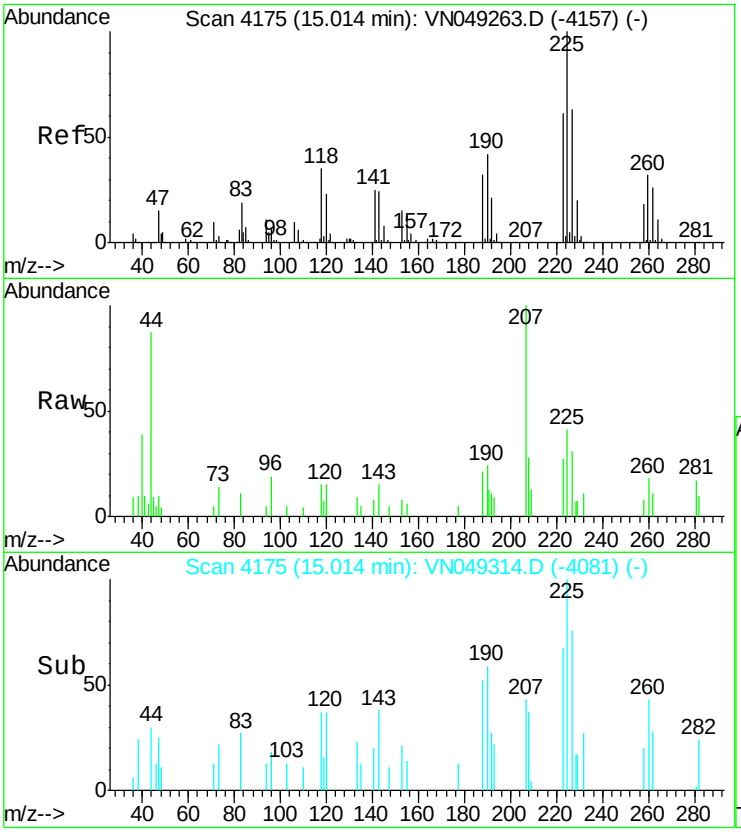


#93
1,2,4-Trichlorobenzene
Concen: 4.84 ug/l
RT: 14.92 min Scan# 4146
Delta R.T. 0.01 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion:180 Resp: 990

Ion	Ratio	Lower	Upper
180	100		
182	88.4	46.9	140.8
145	11.9	14.7	44.1#



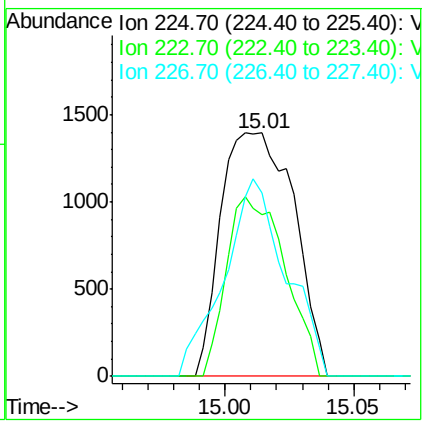


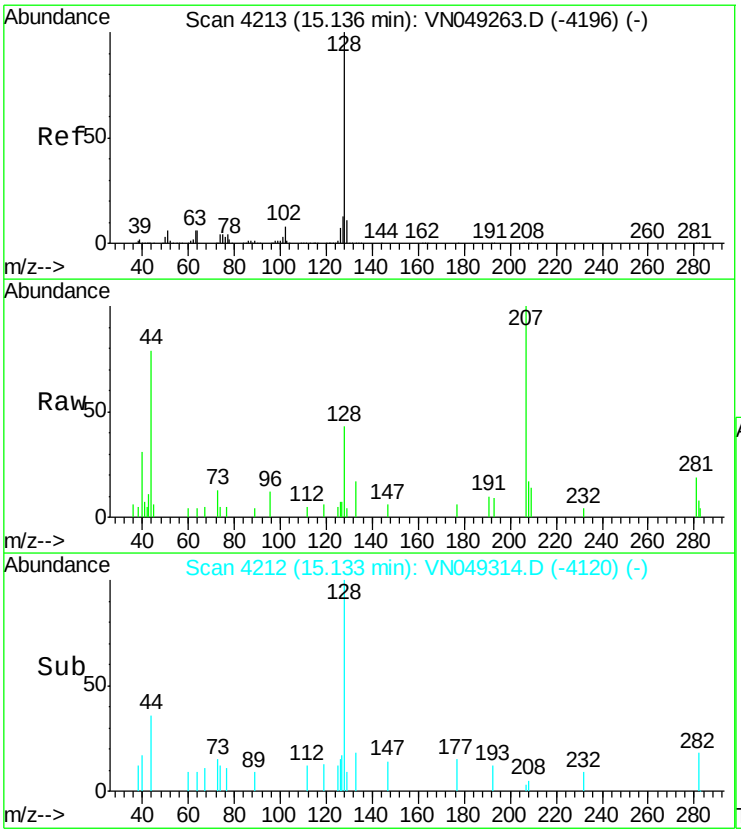
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 2762

Ion	Ratio	Lower	Upper
225	100		
223	59.2	32.1	96.3
227	68.7	31.8	95.3

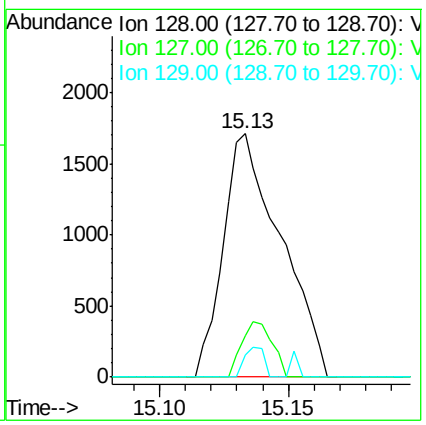


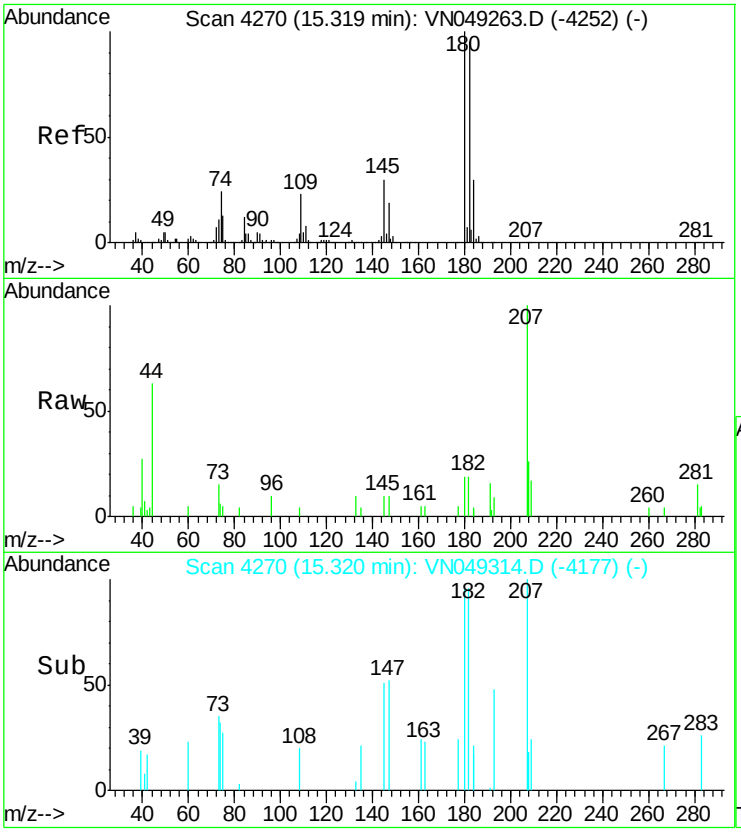


#95
Naphthalene
Concen: 2.25 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Tgt Ion:128 Resp: 2654

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	16.0
129	4.1	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 3.58 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049314.D
Acq: 16 Jun 2018 17:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1214

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.3	141.8
145	36.8	15.6	46.7