Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062818\
Data File : VN049609.D
Acq On : 29 Jun 2018 00:26
Operator : MD\SY
Sample : VN0628WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 29 04:19:24 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	1459541	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2334788	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1947689	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	752505	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	975945	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.82%			
35) Dibromofluoromethane	7.59	113	861411	45.60	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.20%			
50) Toluene-d8	10.09	98	3181820	44.24	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.48%			
62) 4-Bromofluorobenzene	12.40	95	913558	38.41	ug/l		0.00
Spiked Amount 50.000			Recovery =	76.82%			
Target Compounds							Qvalue
11) Tert butyl alcohol	4.78	59	356	0.31	ug/l	#	81
13) Acrolein	3.61	56	1163	0.98	ug/l		89
16) Acetone	3.82	43	28741	6.11	ug/l		95
18) Methyl Acetate	4.33	43	85375	5.96	ug/l		93
20) Methylene Chloride	4.55	84	5998	0.31	ug/l	#	79
29) Tetrahydrofuran	7.23	42	903	0.22	ug/l	#	75
31) Cyclohexane	7.67	56	27096	0.77	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	98769	3.69	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	128123	4.62	ug/l	#	17
43) Isopropyl Acetate	8.32	43	431183	15.51	ug/l	#	64
49) 1,4-Dioxane	9.21	88	221	1.22	ug/l	#	5
58) 2-Chloroethyl Vinyl ether	9.70	63	203	14.35	ug/l	#	51
71) Bromoform	12.40	173	6602	0.54	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	224	Below Cal		#	78
76) 1,2,3-Trichloropropane	12.40	75	445436	34.69	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	445436	109.65	ug/l	#	9
90) Hexachloroethane	13.83	117	32	Below Cal		#	9
93) 1,2,4-Trichlorobenzene	14.91	180	2632	4.93	ug/l		94
94) Hexachlorobutadiene	15.01	225	1757	Below Cal			93
95) Naphthalene	15.13	128	6113	2.37	ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.32	180	2569	3.65	ug/l		84

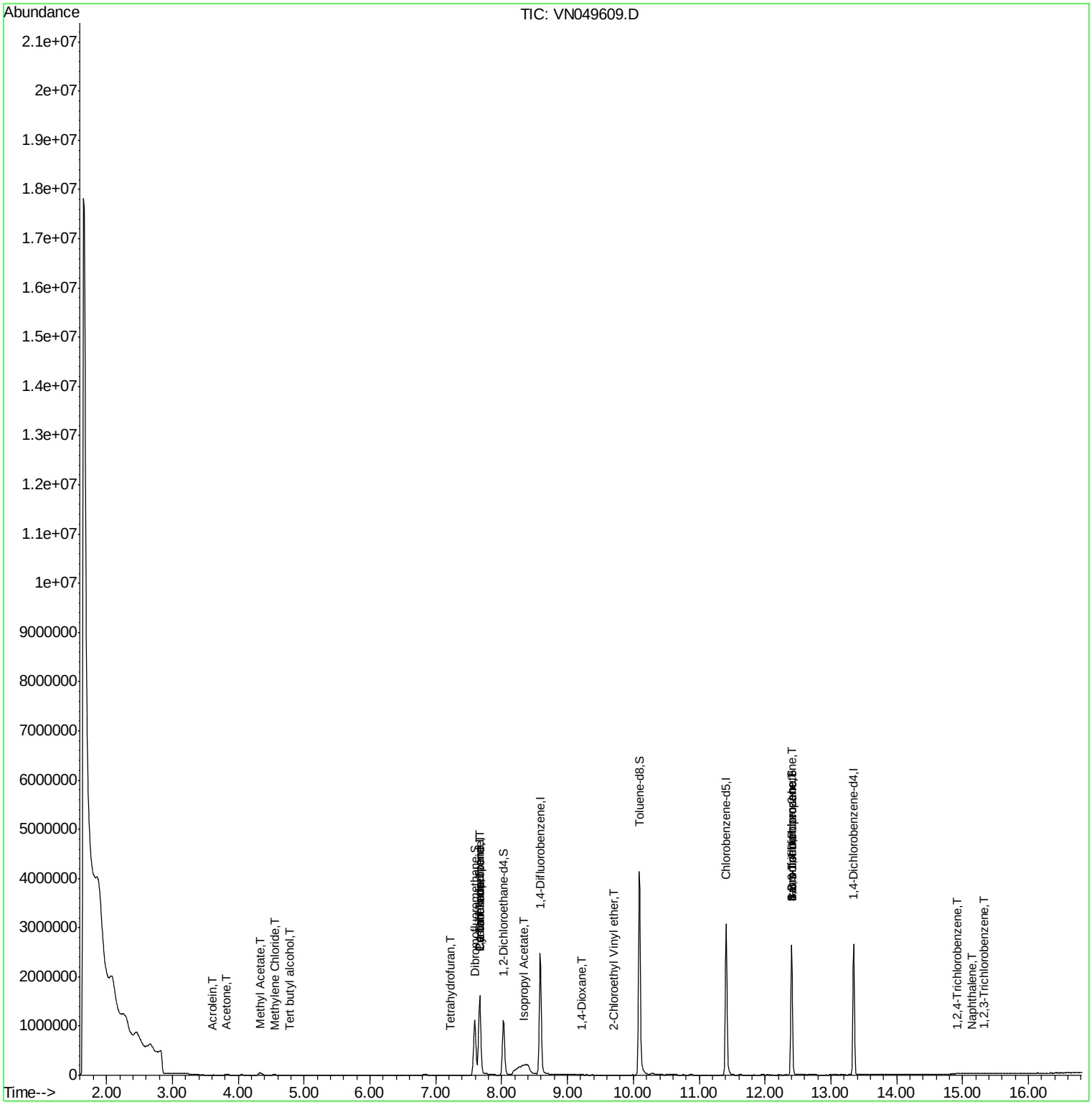
(#) = qualifier out of range (m) = manual integration (+) = signals summed

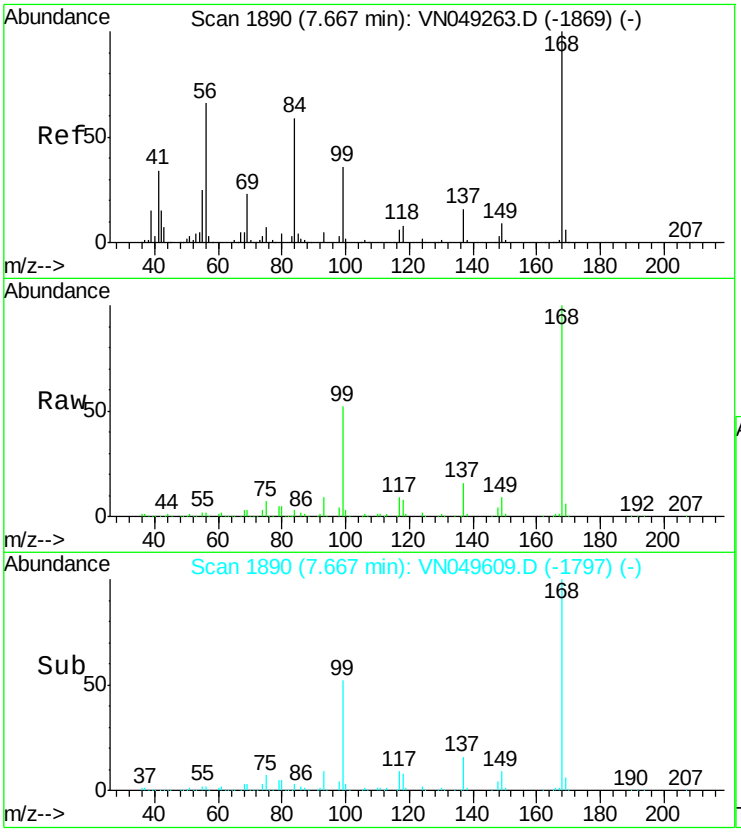
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062818\
Data File : VN049609.D
Acq On : 29 Jun 2018 00:26
Operator : MD\SY
Sample : VN0628WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 29 04:19:24 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



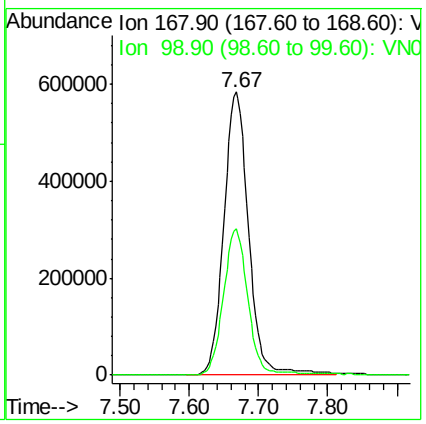


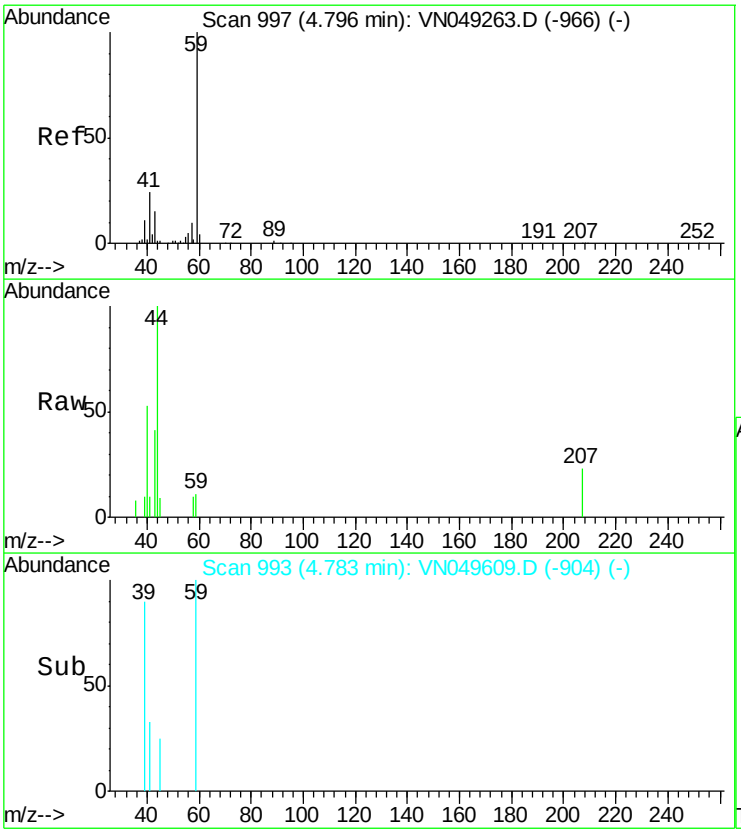
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1459541

Ion	Ratio	Lower	Upper
168	100		
99	51.6	45.8	68.6

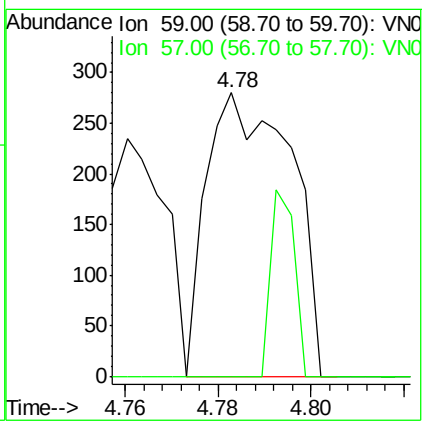


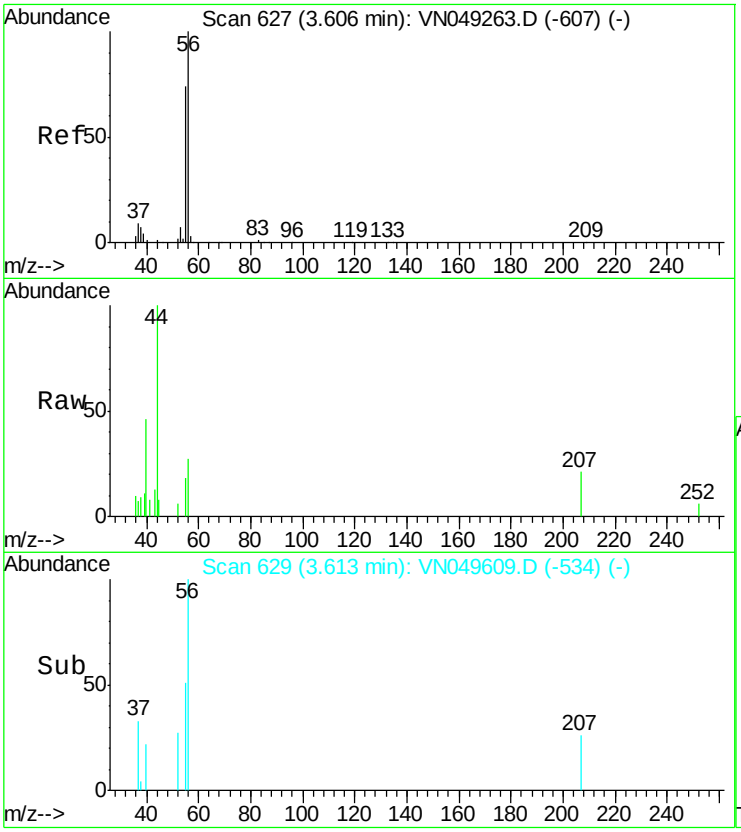


#11
Tert butyl alcohol
Concen: 0.31 ug/l
RT: 4.78 min Scan# 993
Delta R.T. -0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 59 Resp: 356

Ion	Ratio	Lower	Upper
59	100		
57	18.5	9.0	13.6#



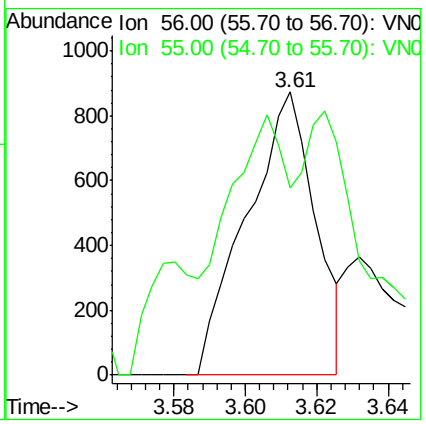


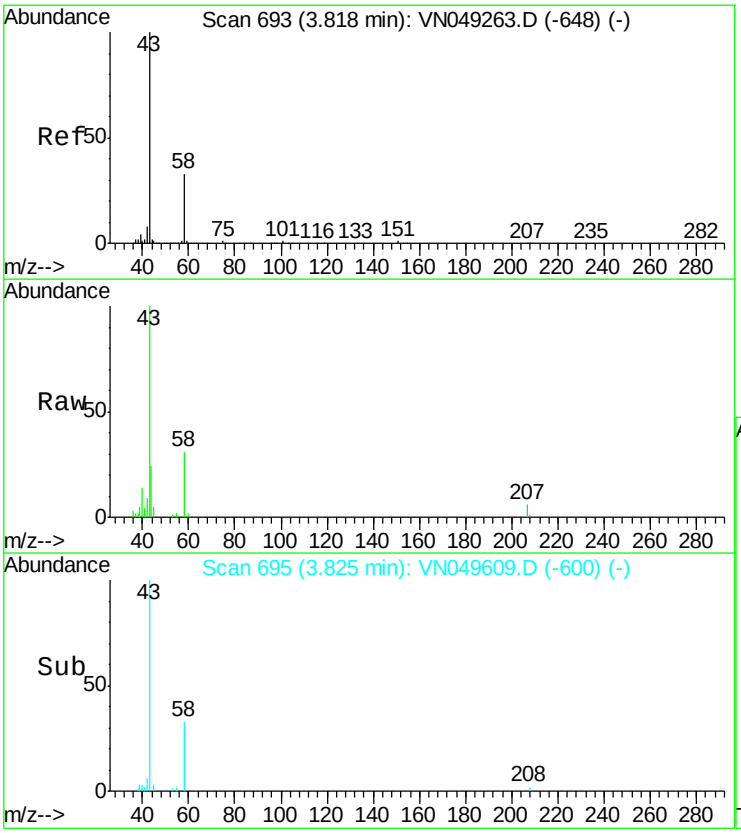
#13
Acrolein
Concen: 0.98 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 1163

Ion	Ratio	Lower	Upper
56	100		
55	80.5	57.1	85.7

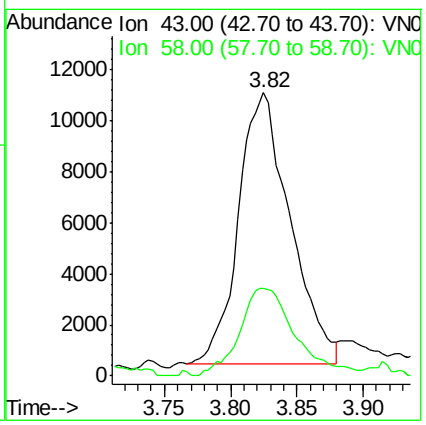


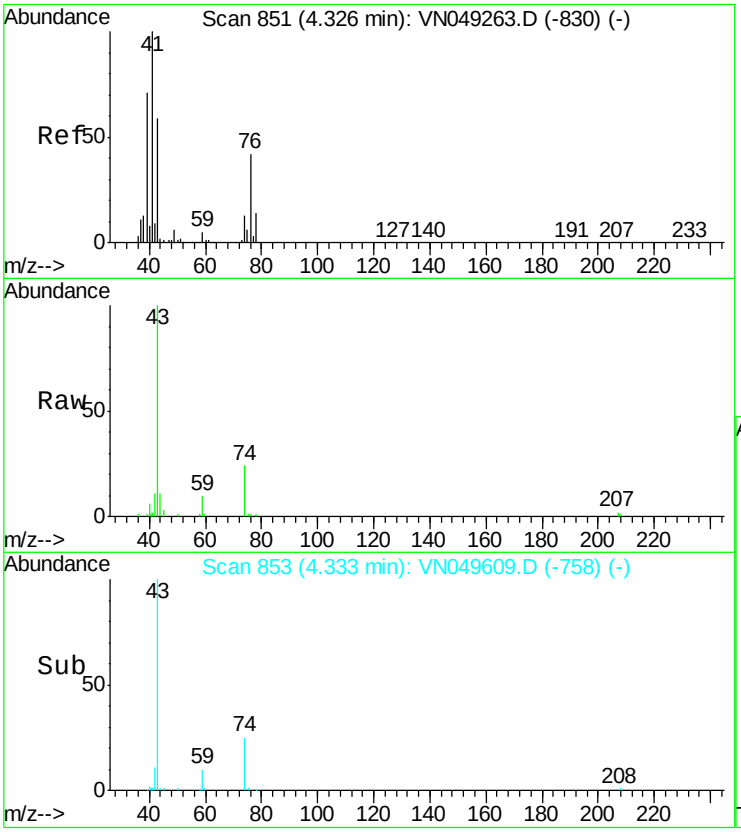


#16
Acetone
Concen: 6.11 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 43 Resp: 28741

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.4	33.6



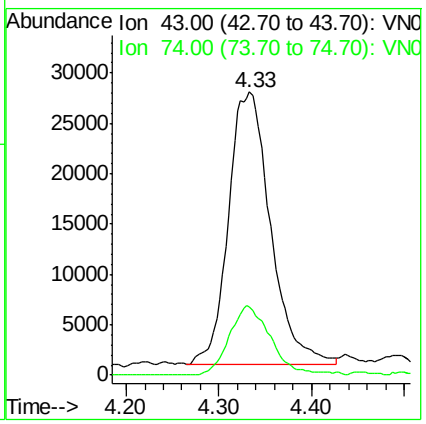


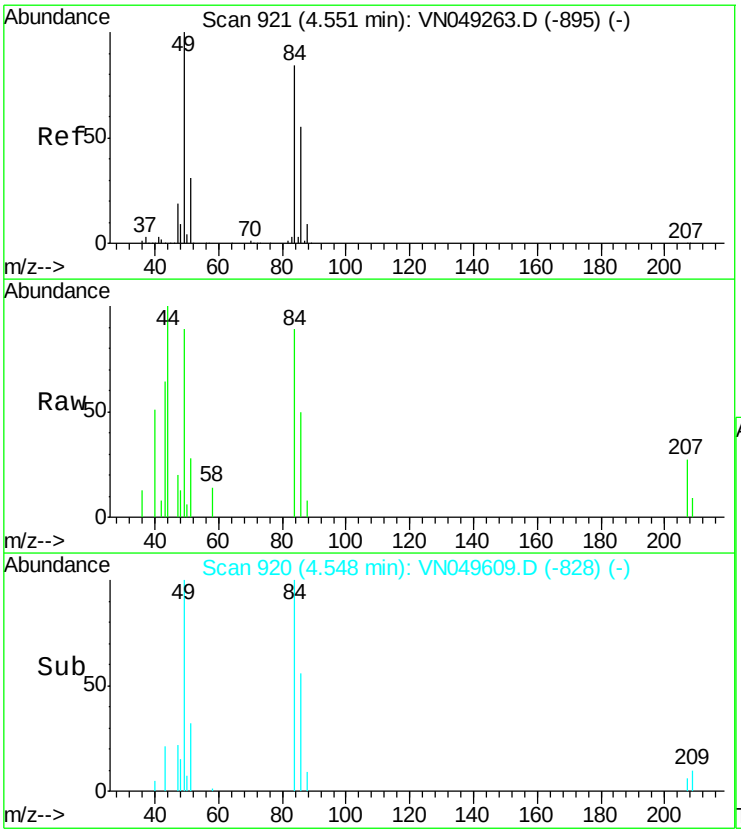
#18
Methyl Acetate
Concen: 5.96 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 85375

Ion	Ratio	Lower	Upper
43	100		
74	24.8	17.4	26.0

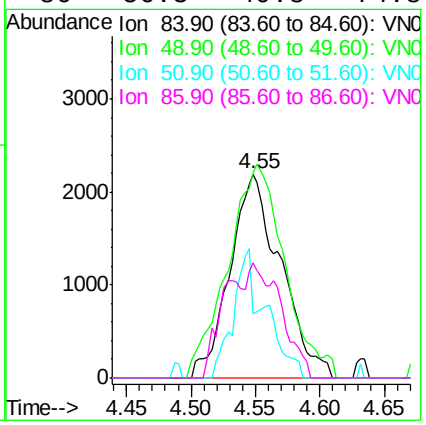


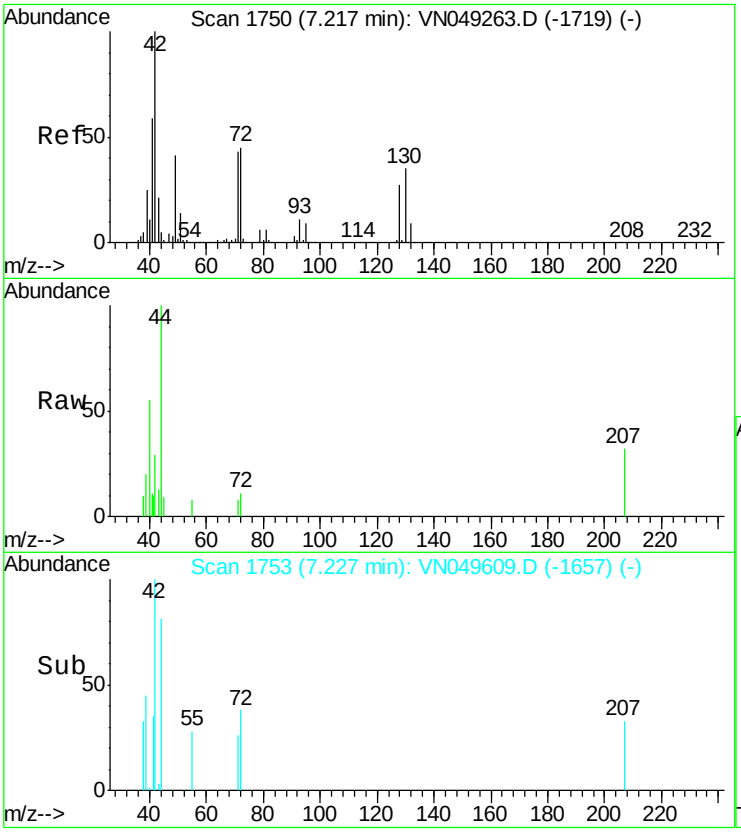


#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 84 Resp: 5998

Ion	Ratio	Lower	Upper
84	100		
49	100.1	106.9	160.3#
51	31.7	32.7	49.1#
86	56.3	49.8	74.8



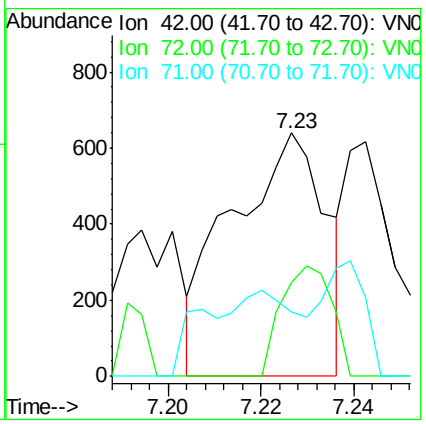


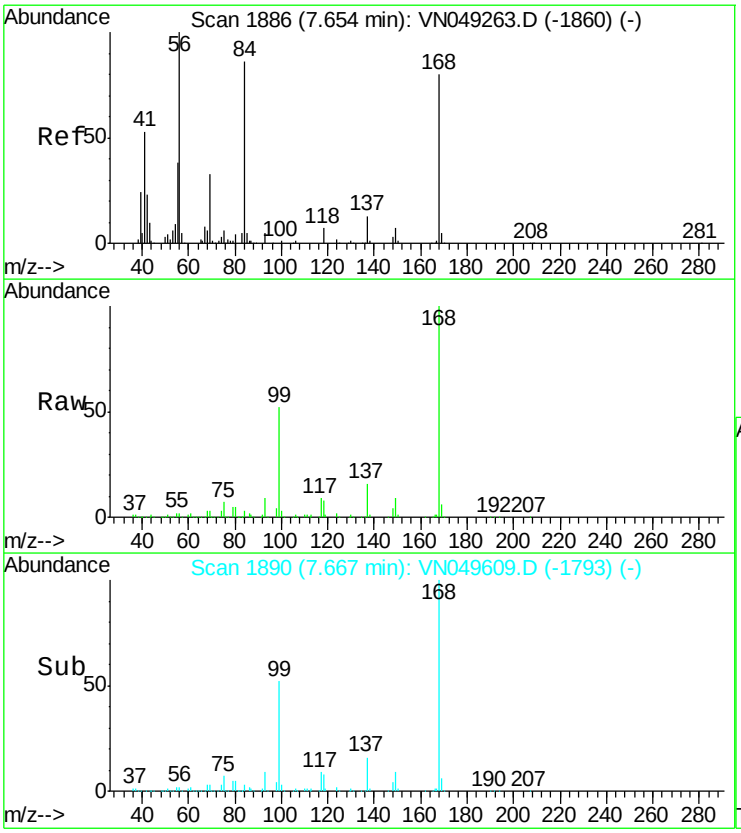
#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 903

Ion	Ratio	Lower	Upper
42	100		
72	24.5	32.2	48.4#
71	23.9	30.5	45.7#

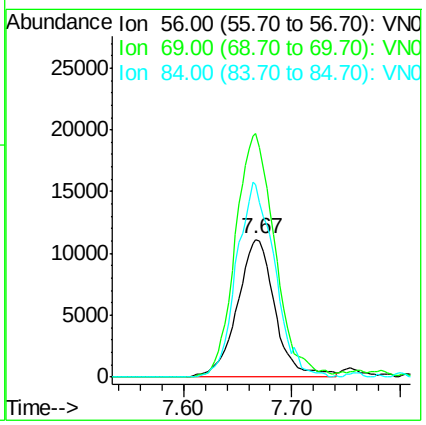


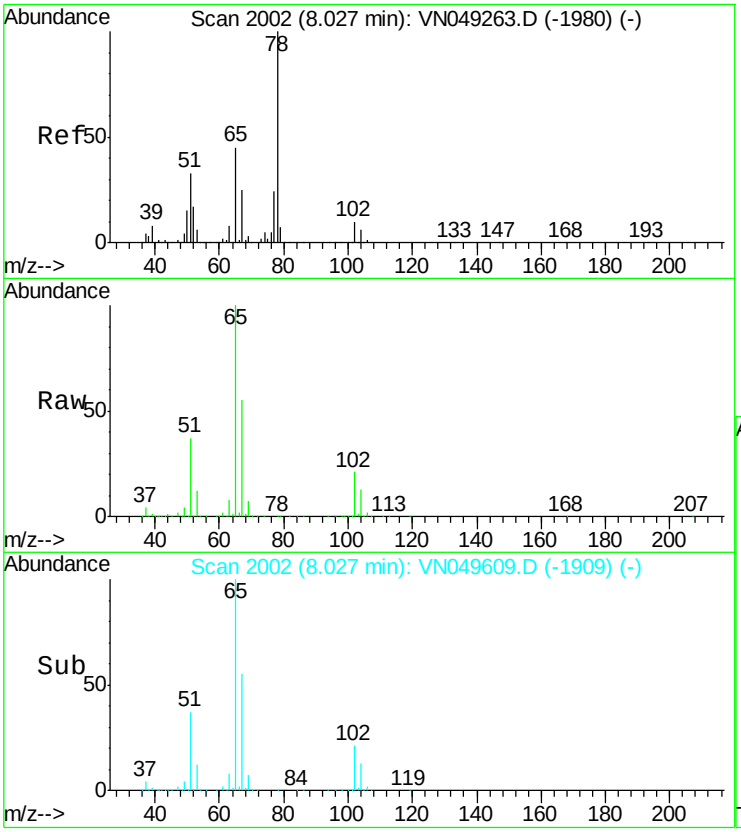


#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 56 Resp: 27096

Ion	Ratio	Lower	Upper
56	100		
69	176.7	25.0	37.4#
84	139.3	64.6	96.8#



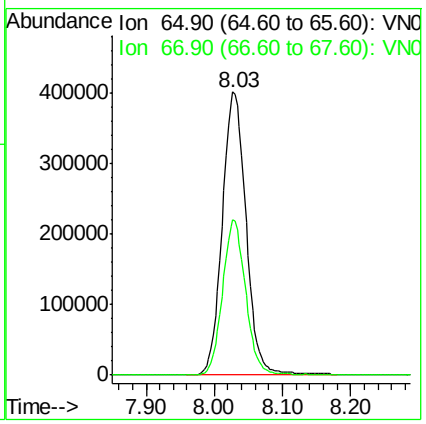


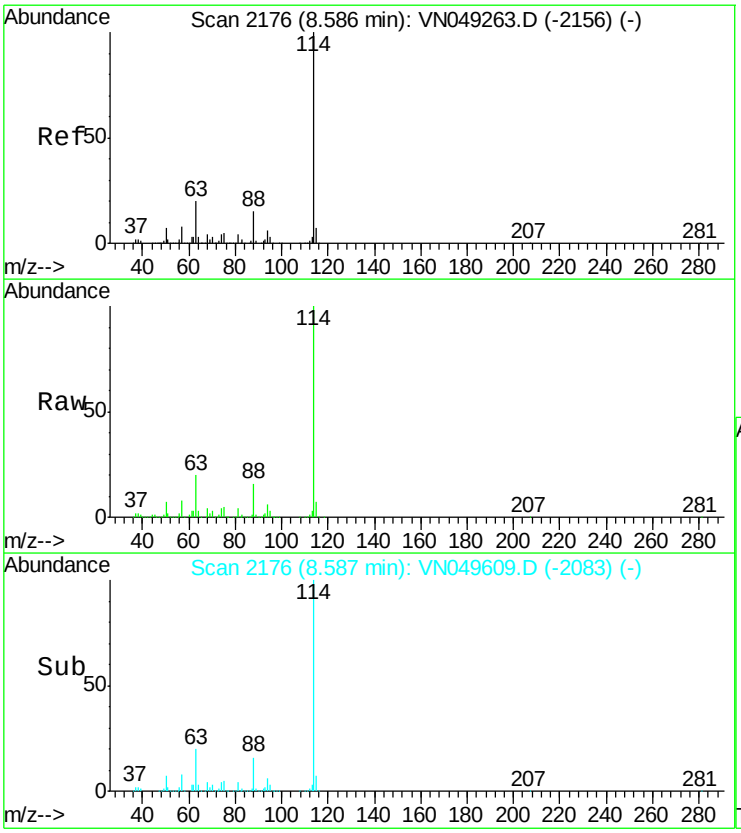
#33
1,2-Dichloroethane-d4
Concen: 50.41 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 975945

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.8

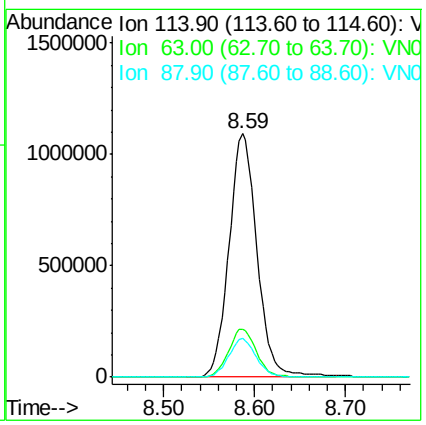


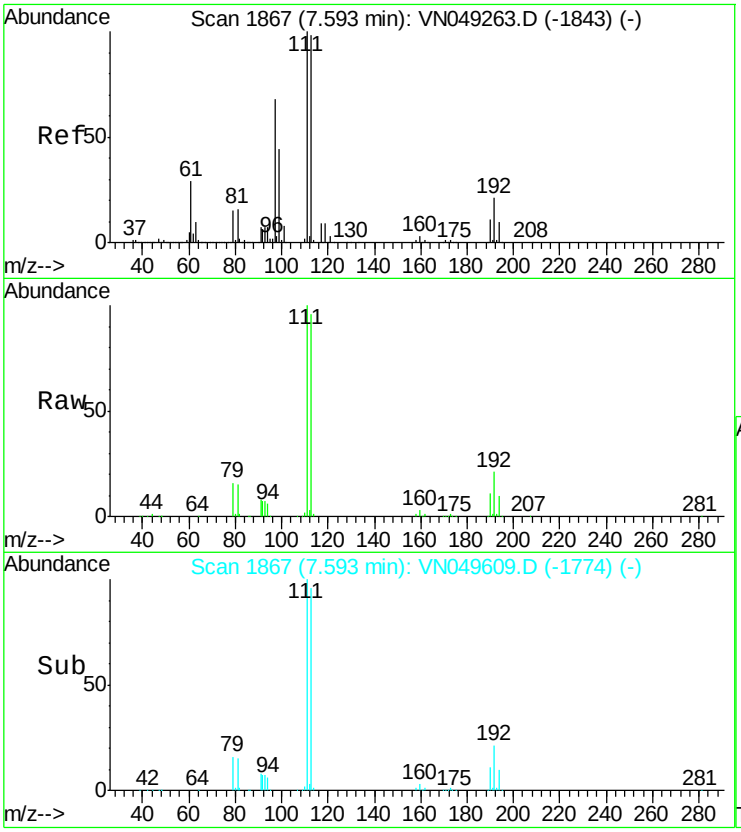


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion:114 Resp: 2334788

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.4
88	15.7	0.0	31.4



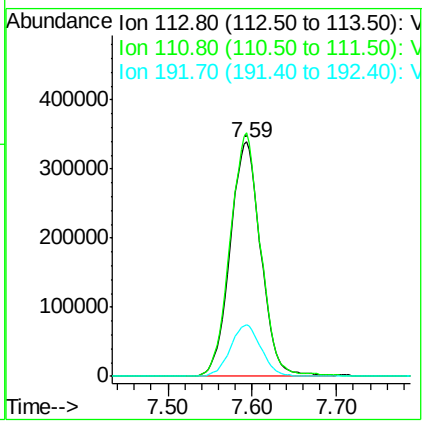


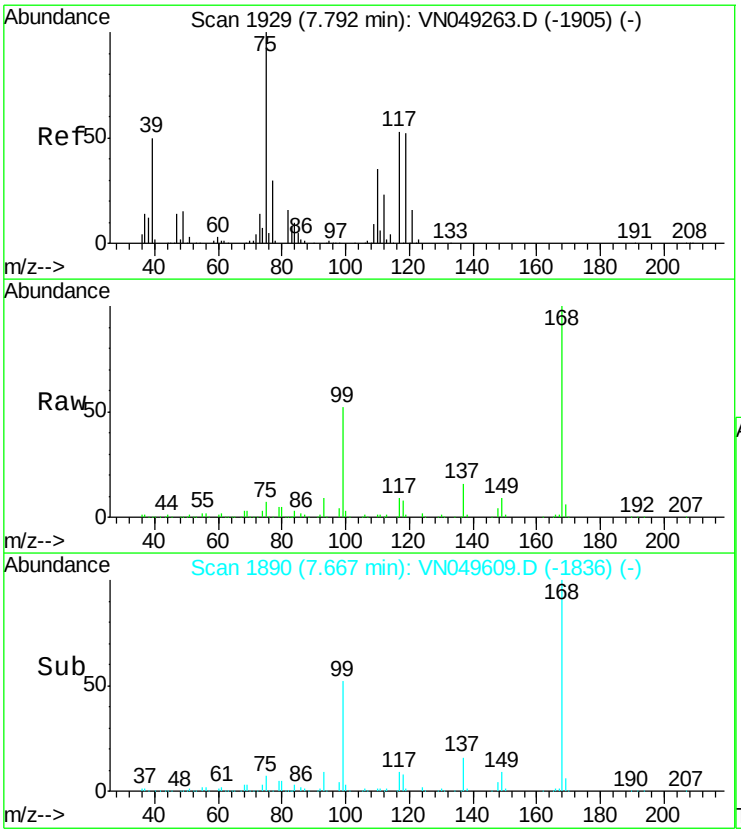
#35
Dibromofluoromethane
Concen: 45.60 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 861411

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	22.0	15.0	22.6

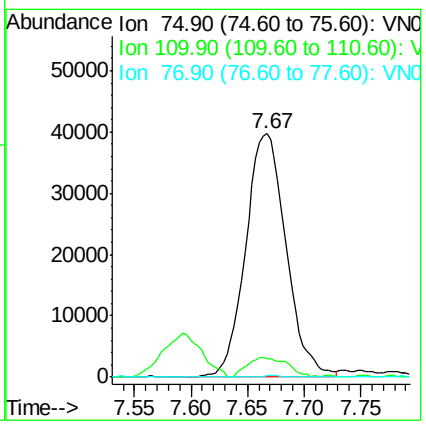


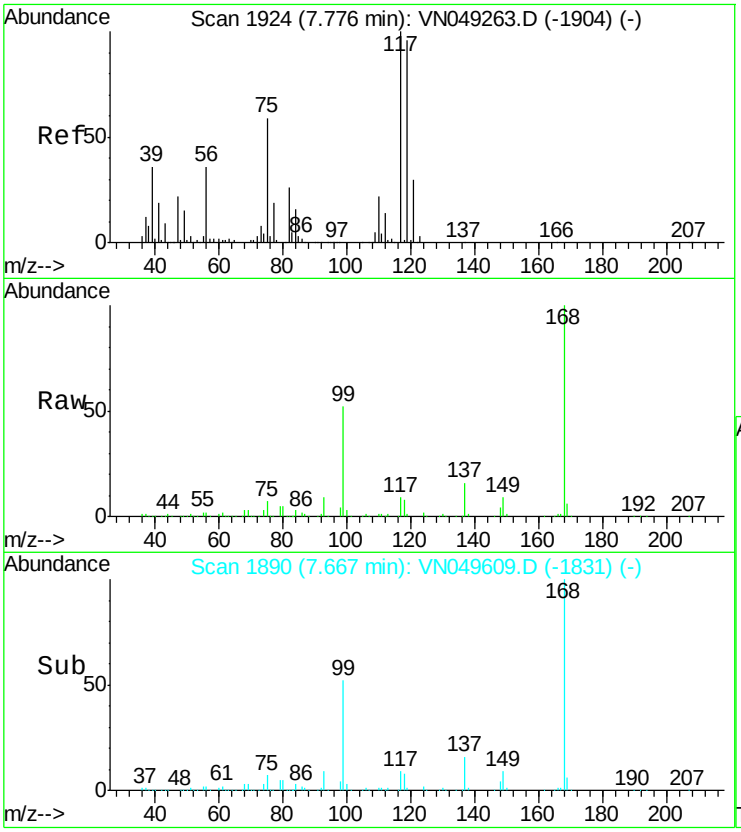


#36
1,1-Dichloropropene
Concen: 3.69 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 75 Resp: 98769

Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.0	50.9#
77	0.2	24.4	36.6#



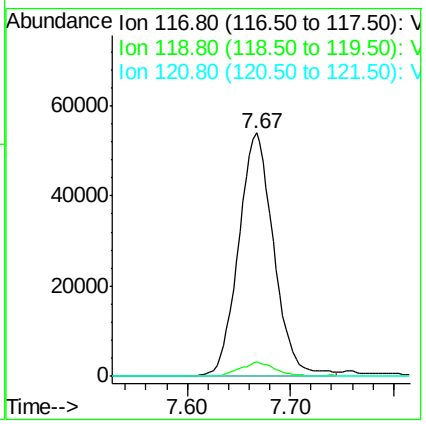


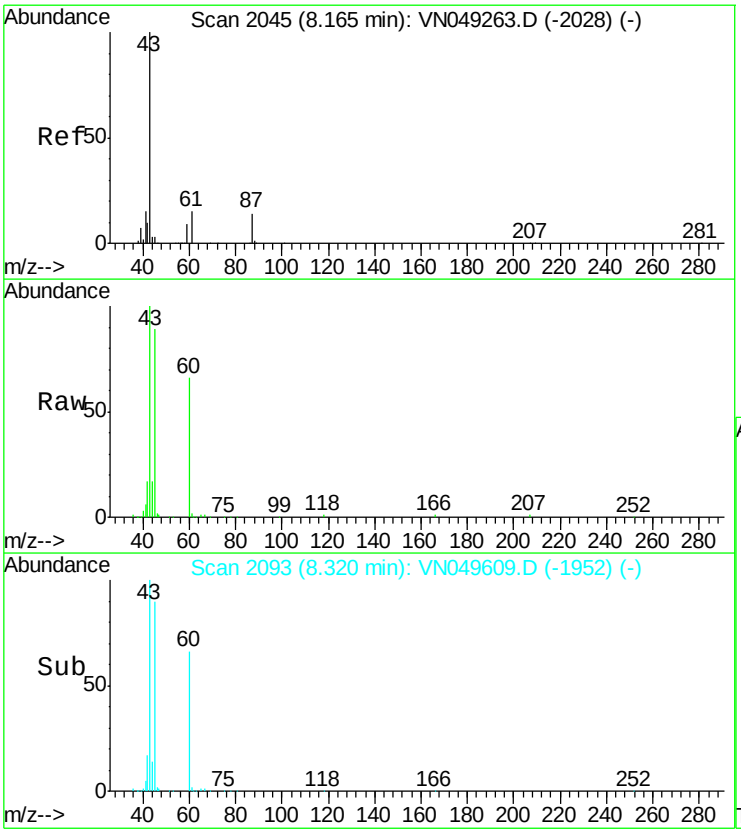
#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 128123

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.6	113.4#
121	0.0	24.7	37.1#

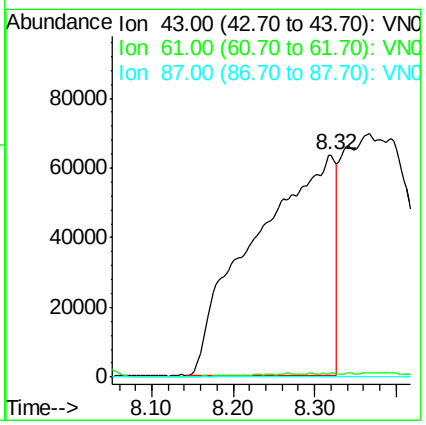


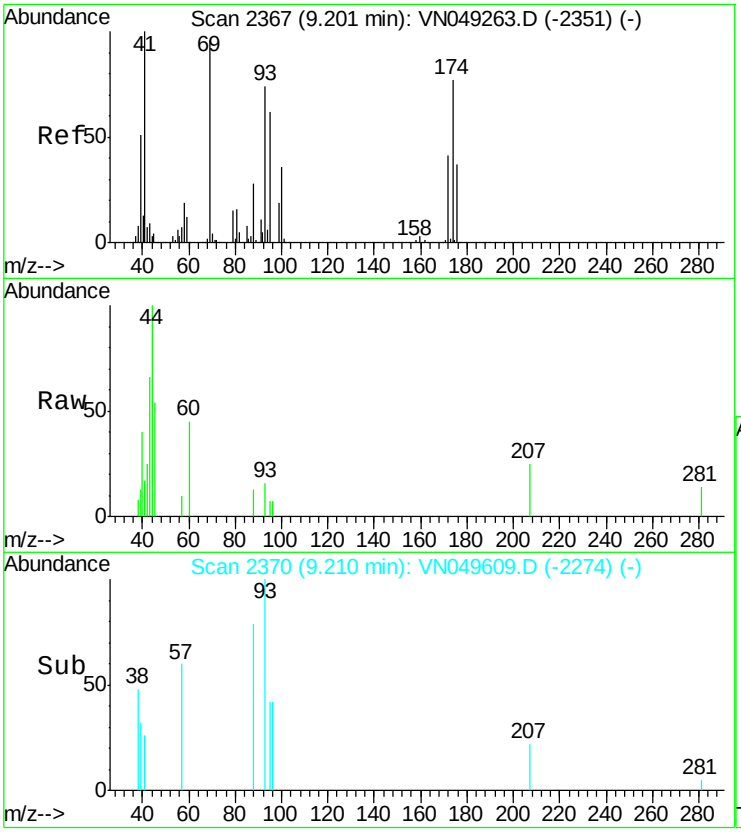


#43
Isopropyl Acetate
Concen: 15.51 ug/l
RT: 8.32 min Scan# 2093
Delta R.T. 0.15 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 43 Resp: 431183

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



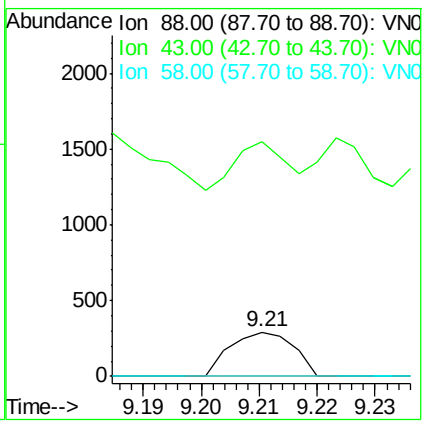


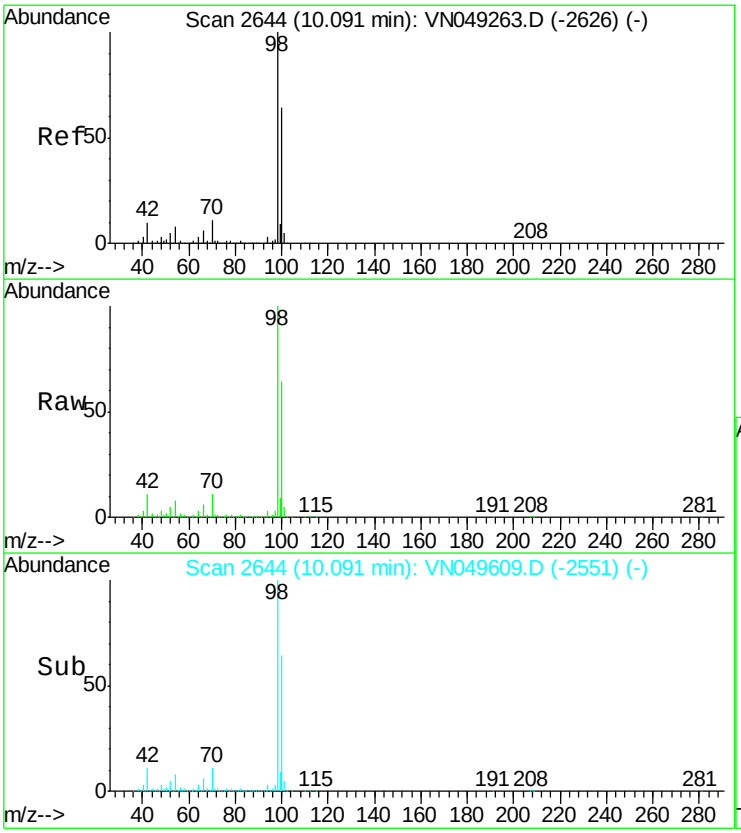
#49
1,4-Dioxane
Concen: 1.22 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 221

Ion	Ratio	Lower	Upper
88	100		
43	105.4	30.9	46.3#
58	0.0	58.9	88.3#

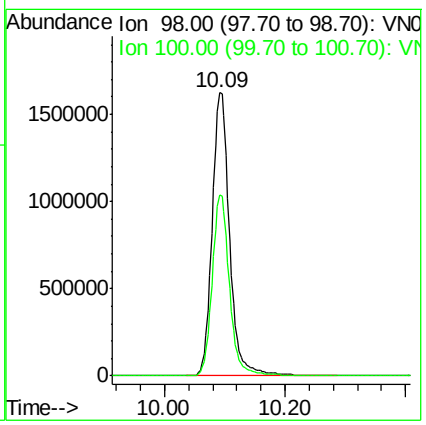


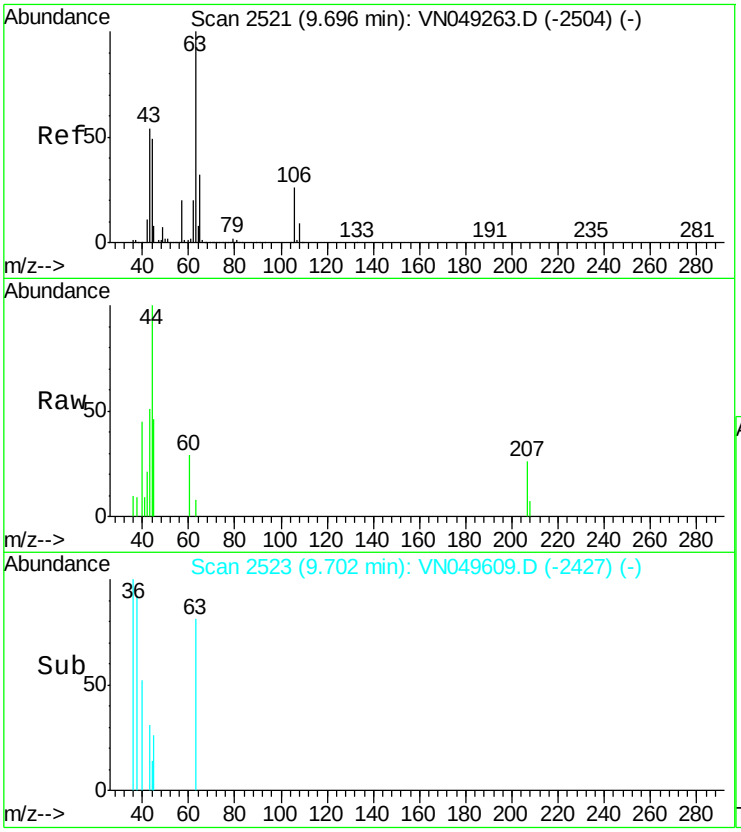


#50
Toluene-d8
Concen: 44.24 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 98 Resp: 3181820

Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8



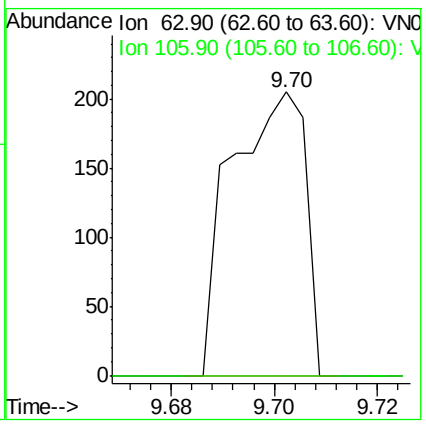


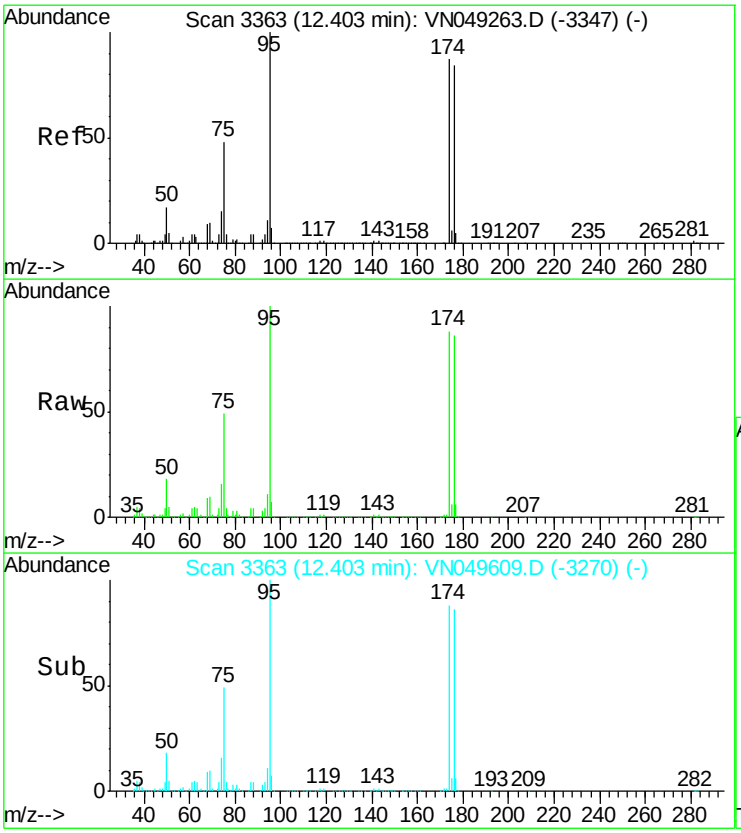
#58
2-Chloroethyl Vinyl ether
Concen: 14.35 ug/l
RT: 9.70 min Scan# 2523
Delta R.T. 0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 203

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.4	29.2#

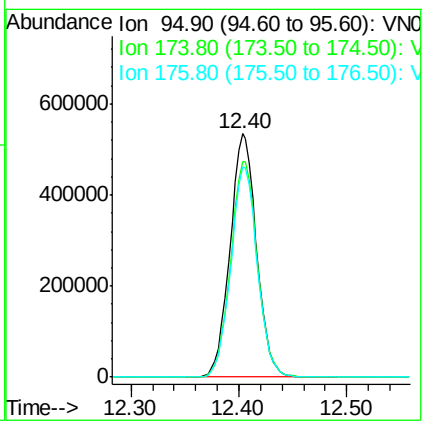


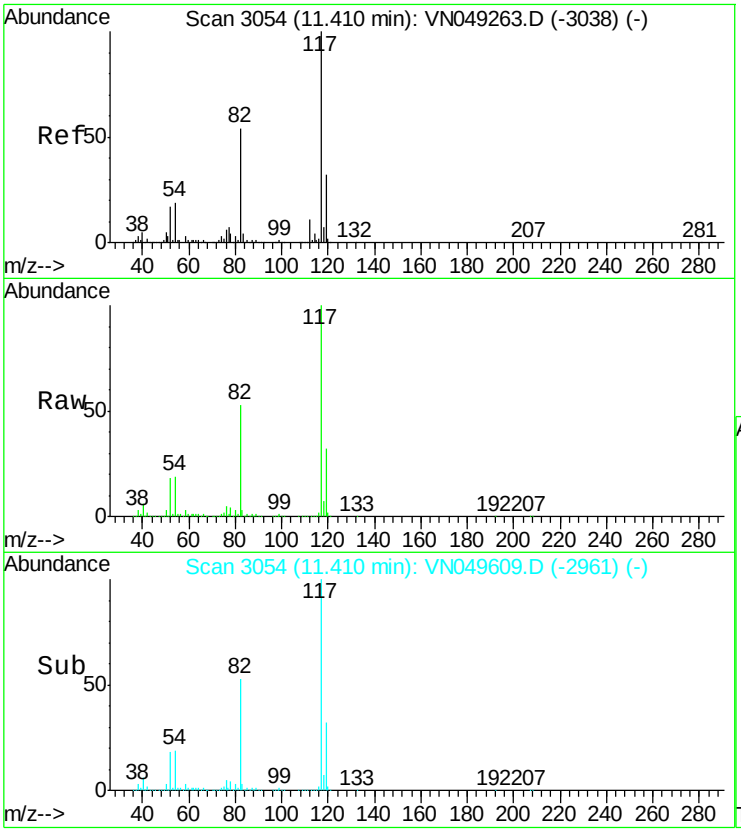


#62
4-Bromofluorobenzene
Concen: 38.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 95 Resp: 913558

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	165.6
176	86.7	0.0	157.4



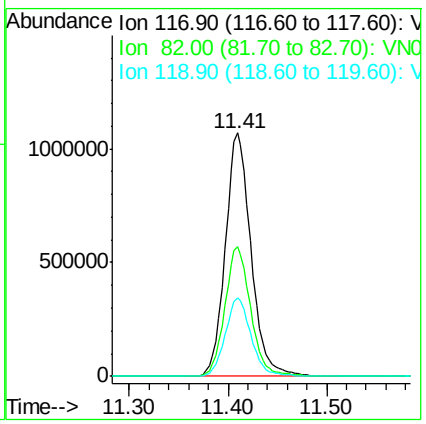


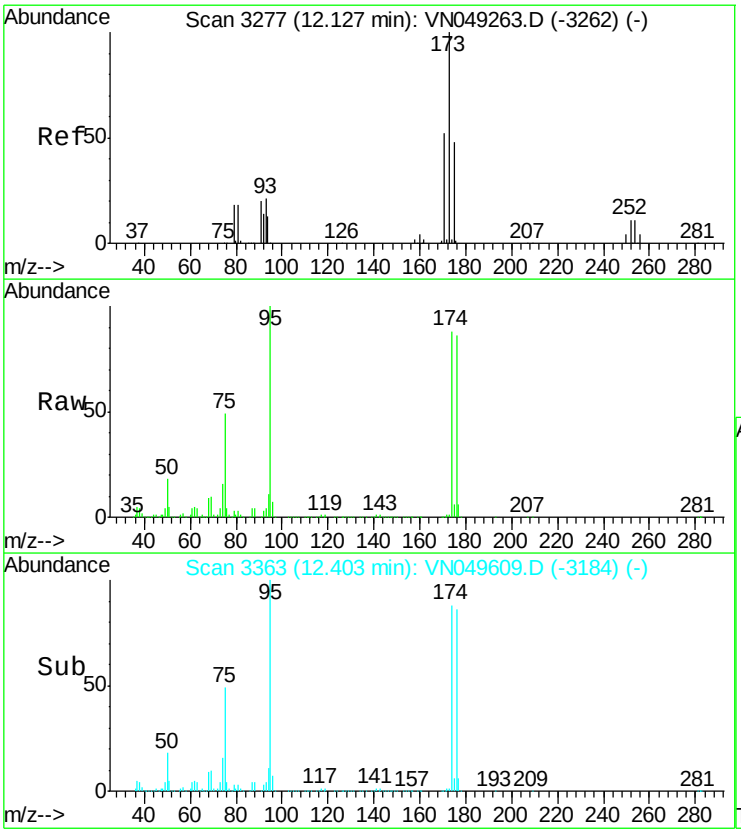
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1947689

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.9	68.9
119	32.4	25.5	38.3

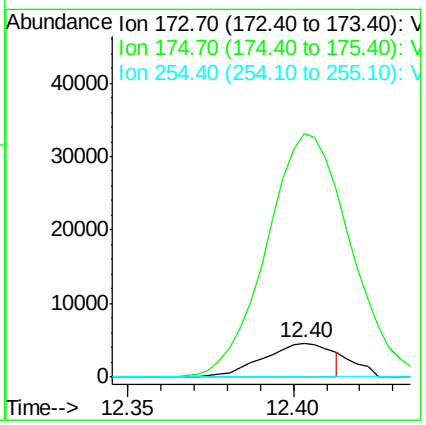


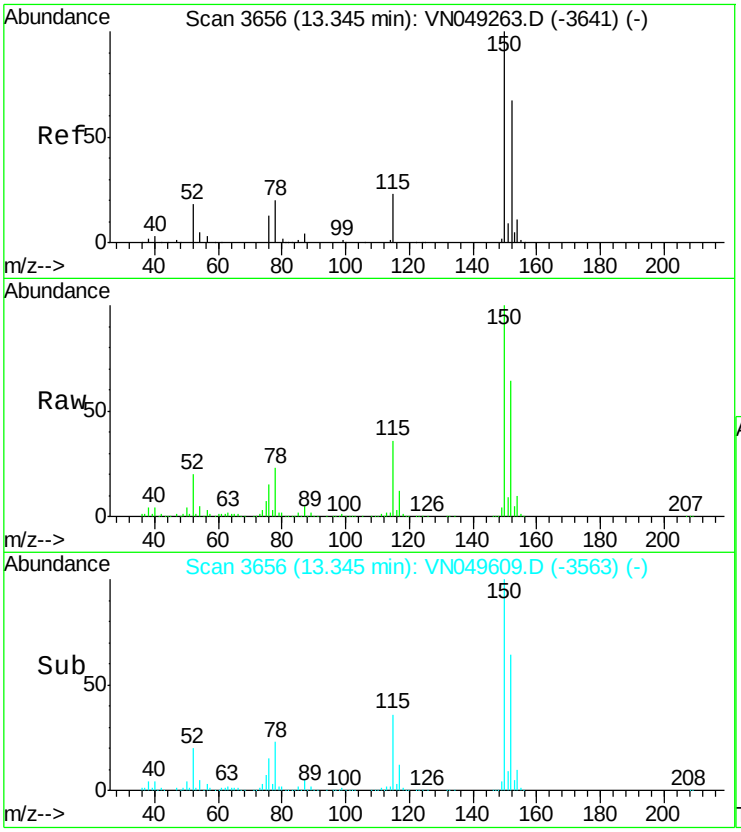


#71
Bromoform
Concen: 0.54 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion:173 Resp: 6602

Ion	Ratio	Lower	Upper
173	100		
175	701.9	24.5	73.5#
254	0.0	0.1	0.1#



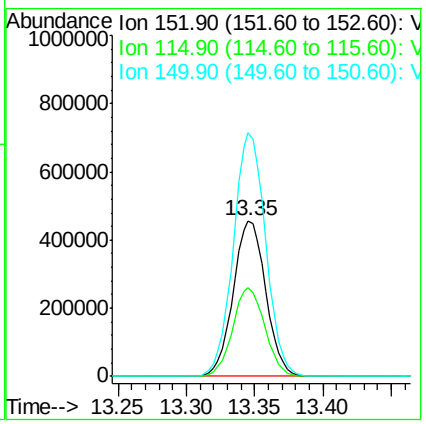


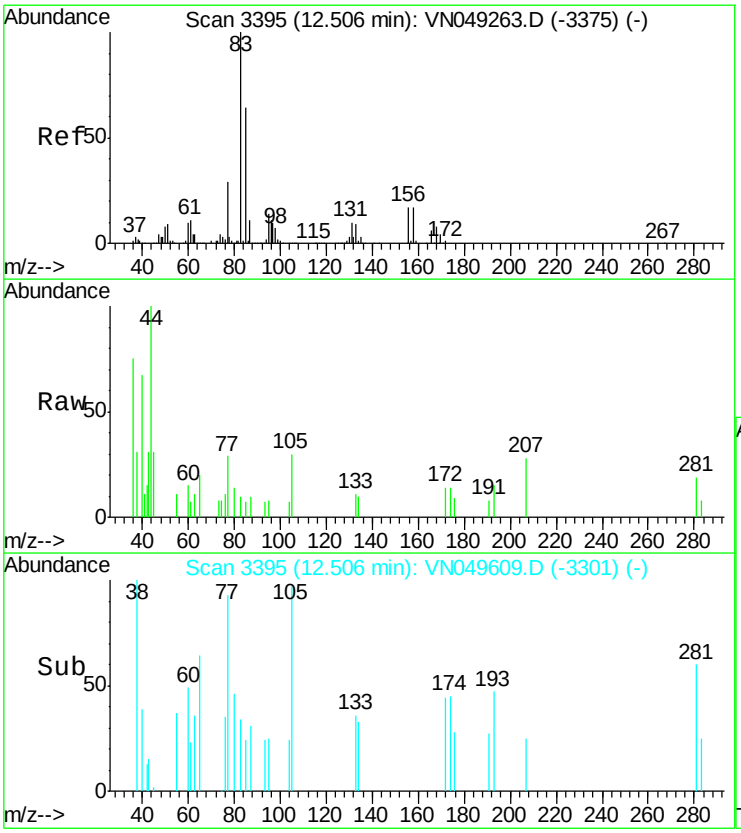
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 752505

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.7	86.1
150	156.0	0.0	351.0

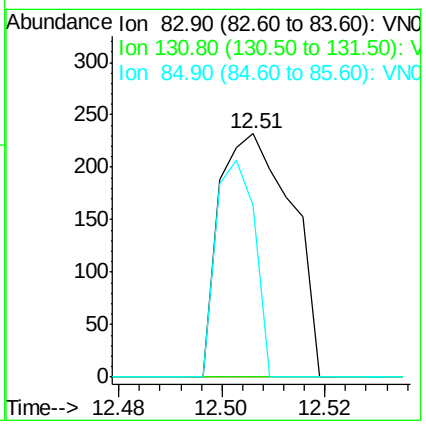


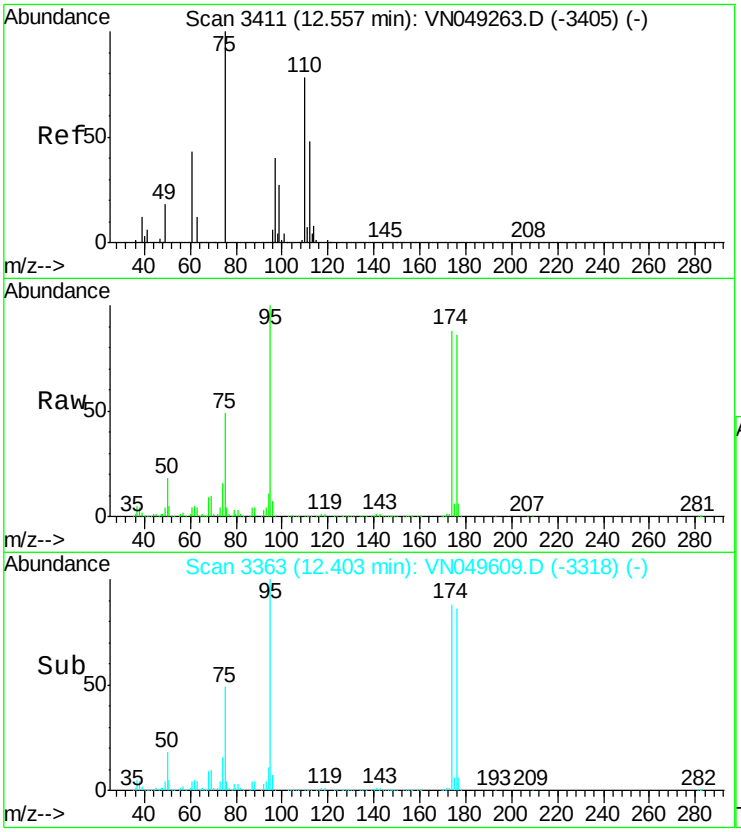


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 83 Resp: 224

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	47.8	32.0	96.0



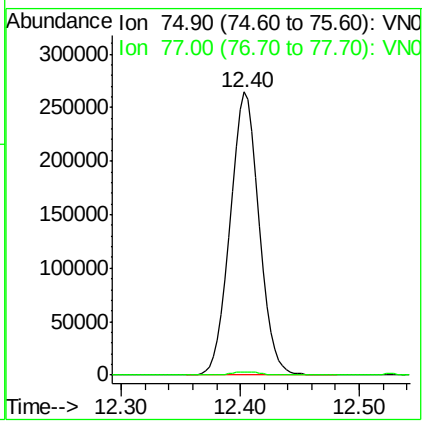


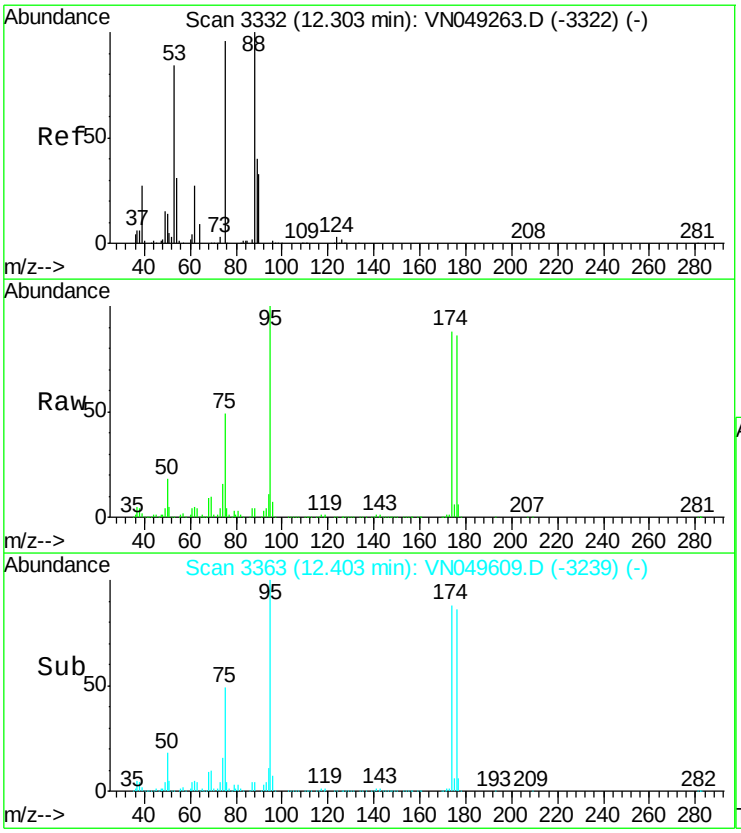
#76
1,2,3-Trichloropropane
Concen: 34.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 445436

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

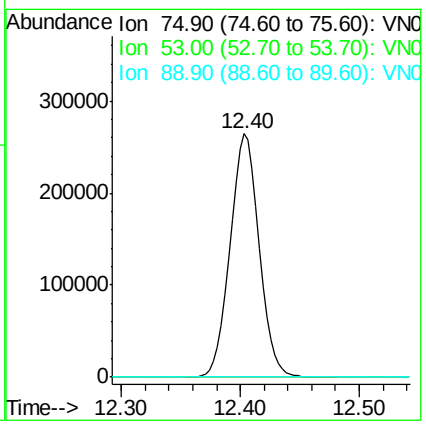


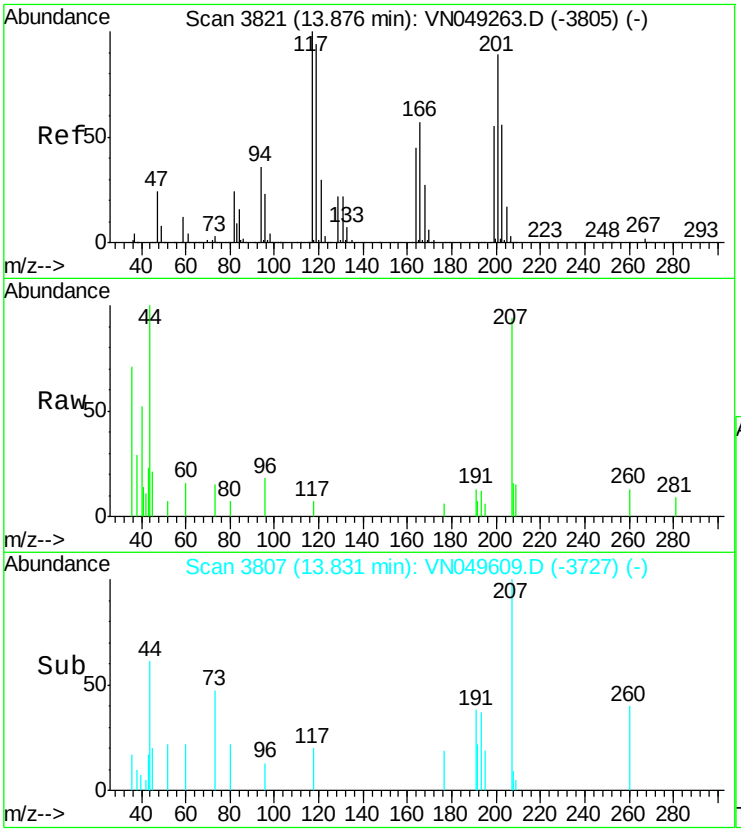


#81
trans-1,4-Dichloro-2-butene
Concen: 109.65 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion: 75 Resp: 445436

Ion	Ratio	Lower	Upper
75	100		
53	0.2	82.7	124.1#
89	0.0	36.5	54.7#



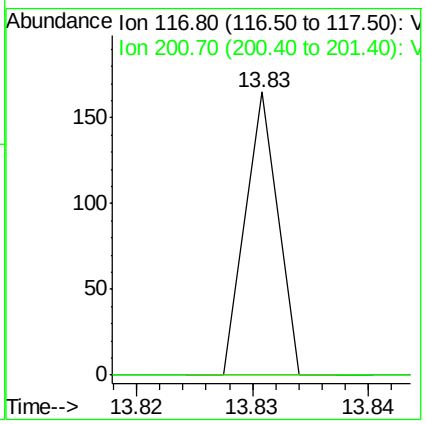


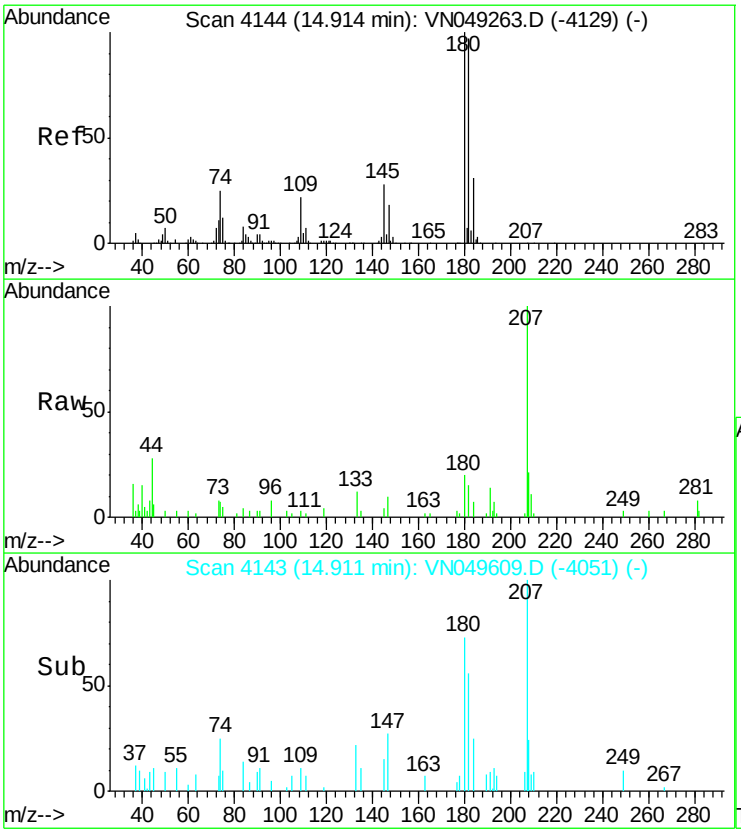
#90
Hexachloroethane
Concen: Below Cal
RT: 13.83 min Scan# 3807
Delta R.T. -0.04 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 32

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.1	120.2#

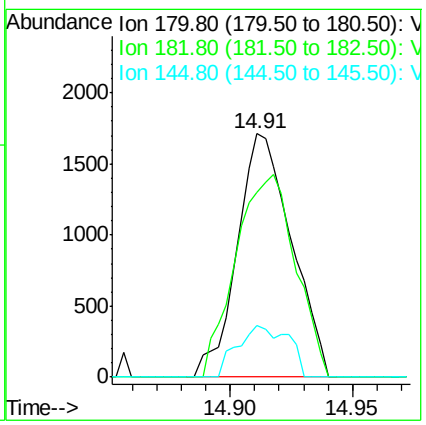


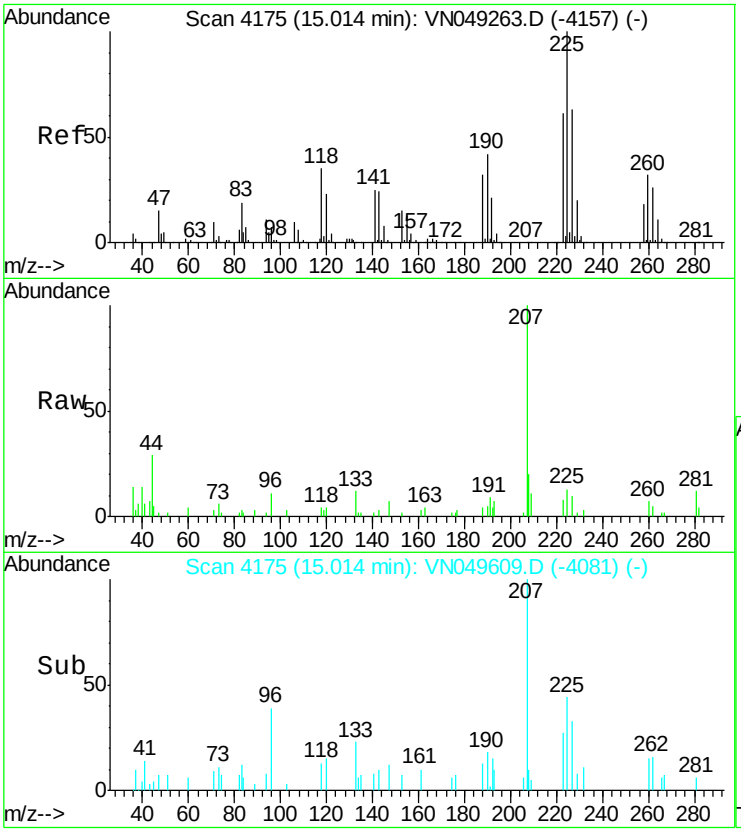


#93
1,2,4-Trichlorobenzene
Concen: 4.93 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. -0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion:180 Resp: 2632

Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.9	140.8
145	19.9	14.7	44.1



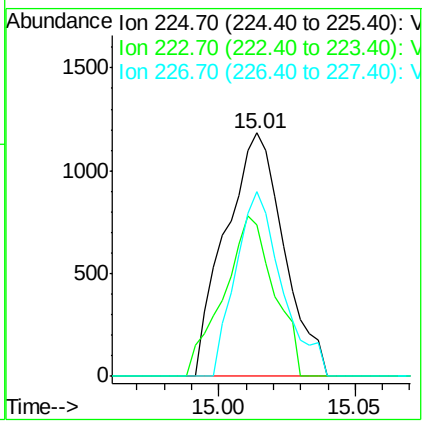


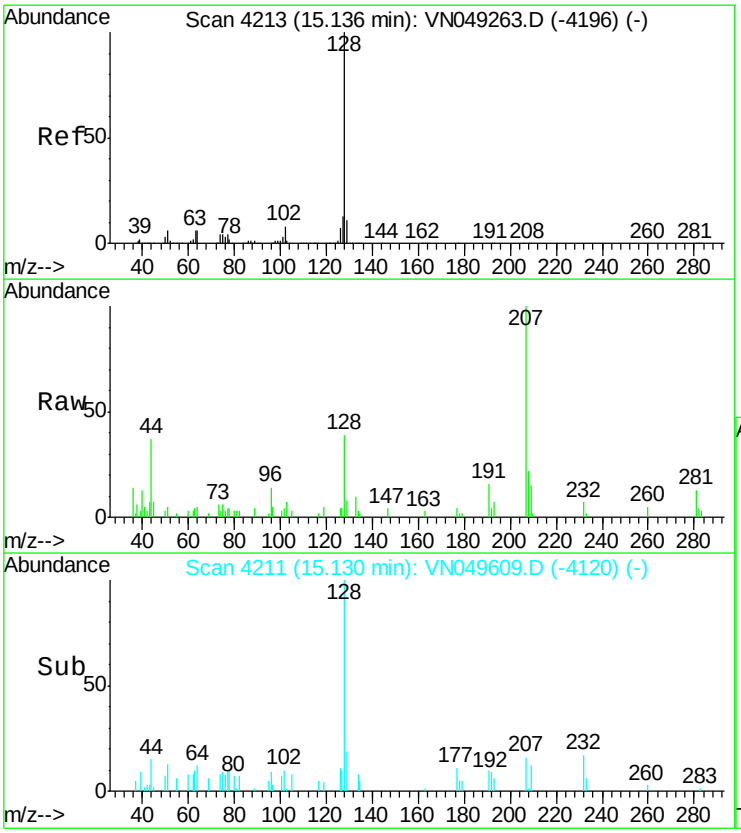
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 1757

Ion	Ratio	Lower	Upper
225	100		
223	56.9	32.1	96.3
227	60.2	31.8	95.3

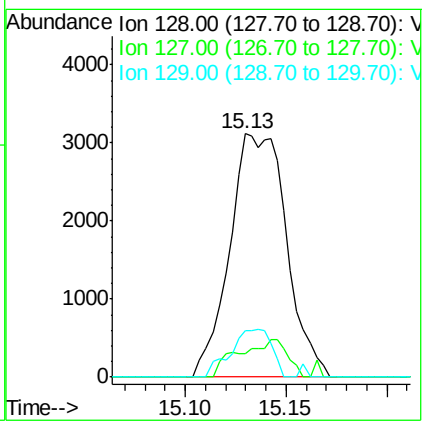


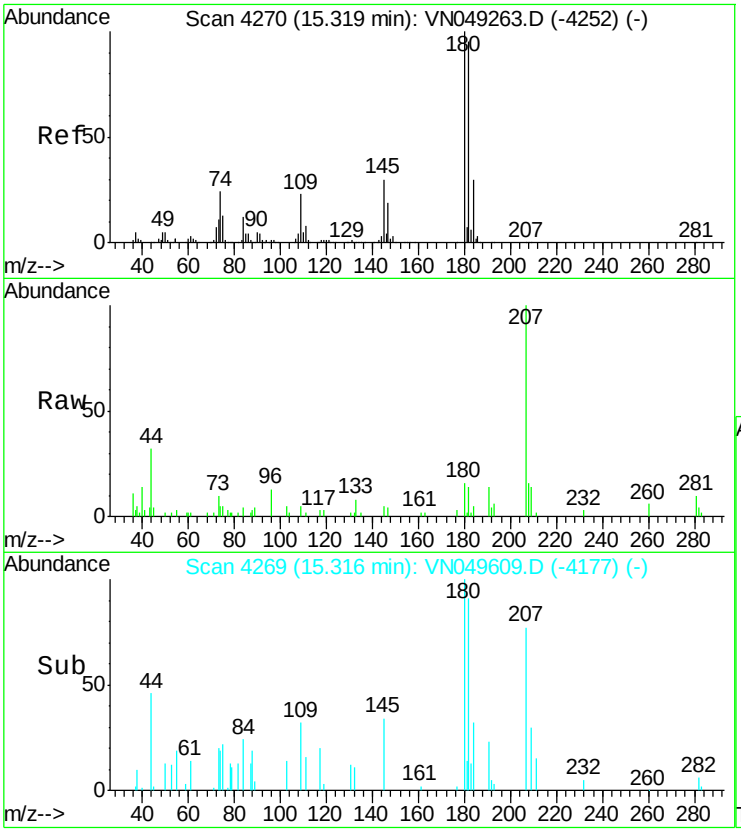


#95
Naphthalene
Concen: 2.37 ug/l
RT: 15.13 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Tgt Ion:128 Resp: 6113

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	14.3	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 3.65 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049609.D
Acq: 29 Jun 2018 00:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2569

Ion	Ratio	Lower	Upper
180	100		
182	113.6	47.3	141.8
145	32.5	15.6	46.7