Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
Data File : VN053569.D
Acq On : 30 Jan 2019 14:08
Operator : JC/SP
Sample : K1277-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Quant Time: Jan 31 06:15:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 31 05:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	812758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1174091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	505885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415844	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.00%			
35) Dibromofluoromethane	7.59	113	409123	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.50%			
50) Toluene-d8	10.09	98	1546377	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
62) 4-Bromofluorobenzene	12.40	95	519823	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	836	0.428	ug/l	87
13) Acrolein	3.62	56	92	Below Cal	#	18
16) Acetone	3.82	43	8218	3.929	ug/l	90
17) Carbon Disulfide	4.06	76	6187	0.264	ug/l #	92
20) Methylene Chloride	4.56	84	2669	0.304	ug/l #	73
25) 2-Butanone	6.84	43	626	0.210	ug/l #	47
29) Tetrahydrofuran	7.21	42	5938	3.100	ug/l	100
31) Cyclohexane	7.67	56	11984	0.702	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	48130	4.102	ug/l #	49
38) Carbon Tetrachloride	7.67	117	64987	5.498	ug/l #	15
41) Methacrylonitrile	7.22	41	3364	0.919	ug/l #	38
43) Isopropyl Acetate	8.22	43	15683	1.239	ug/l #	51
71) Bromoform	12.40	173	3377	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	243310	37.445	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	243310	105.293	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	2827	0.299	ug/l	98
95) Naphthalene	15.13	128	7545	2.064	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2983	0.340	ug/l	96

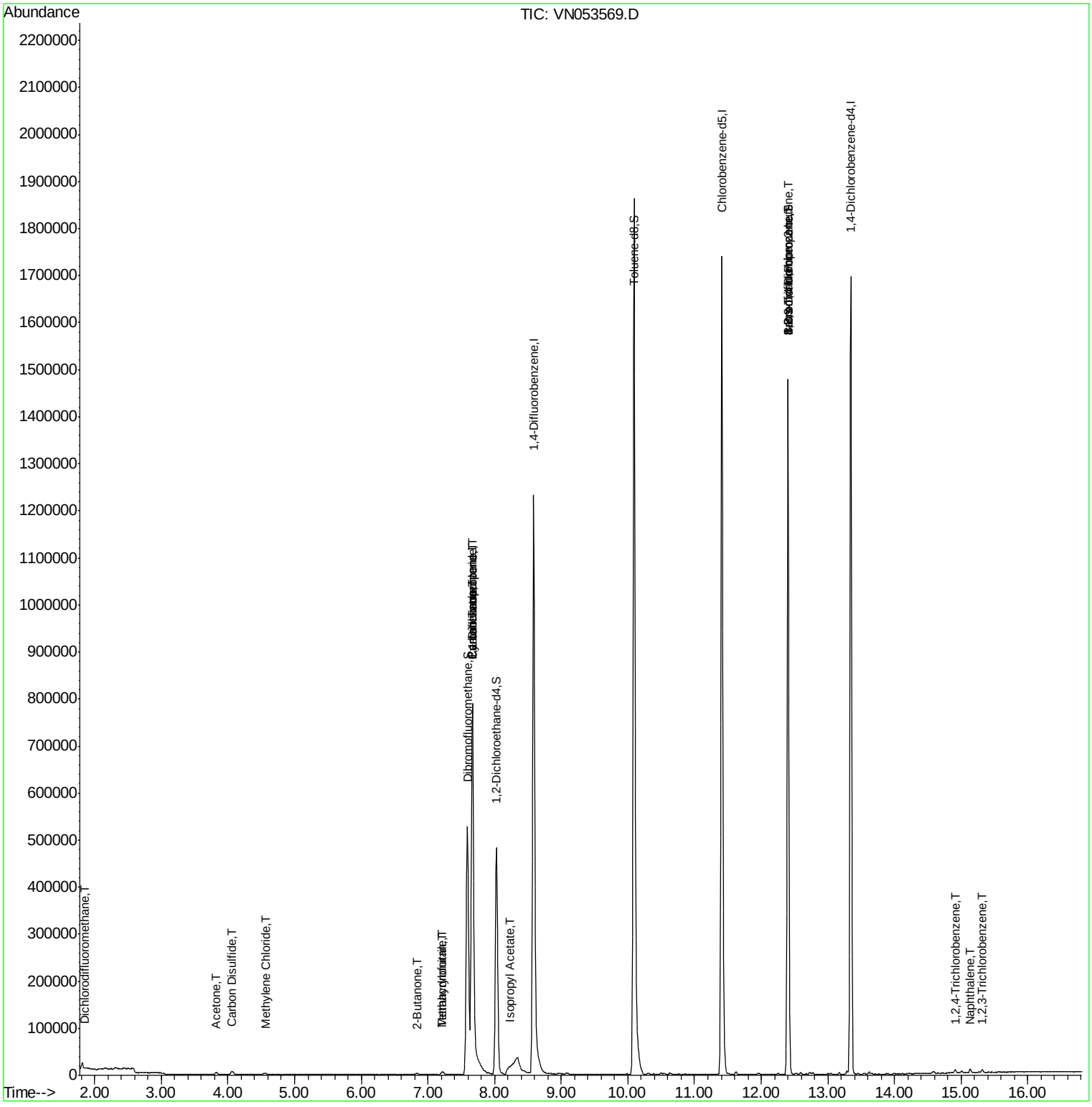
(#) = qualifier out of range (m) = manual integration (+) = signals summed

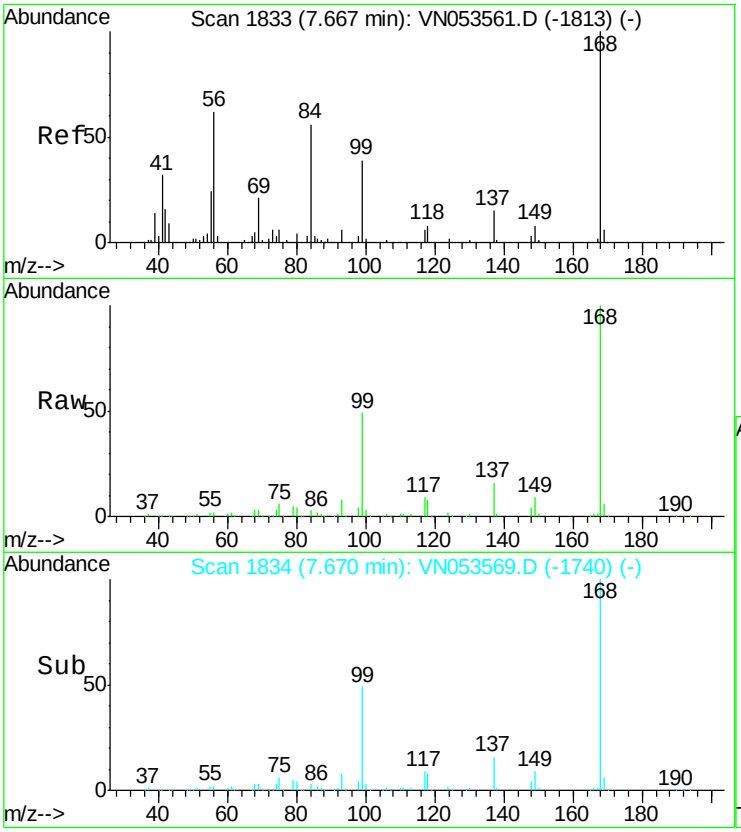
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
Data File : VN053569.D
Acq On : 30 Jan 2019 14:08
Operator : JC/SP
Sample : K1277-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Quant Time: Jan 31 06:15:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 31 05:27:12 2019
Response via : Initial Calibration



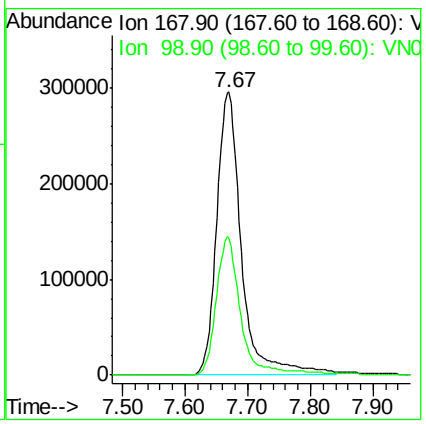


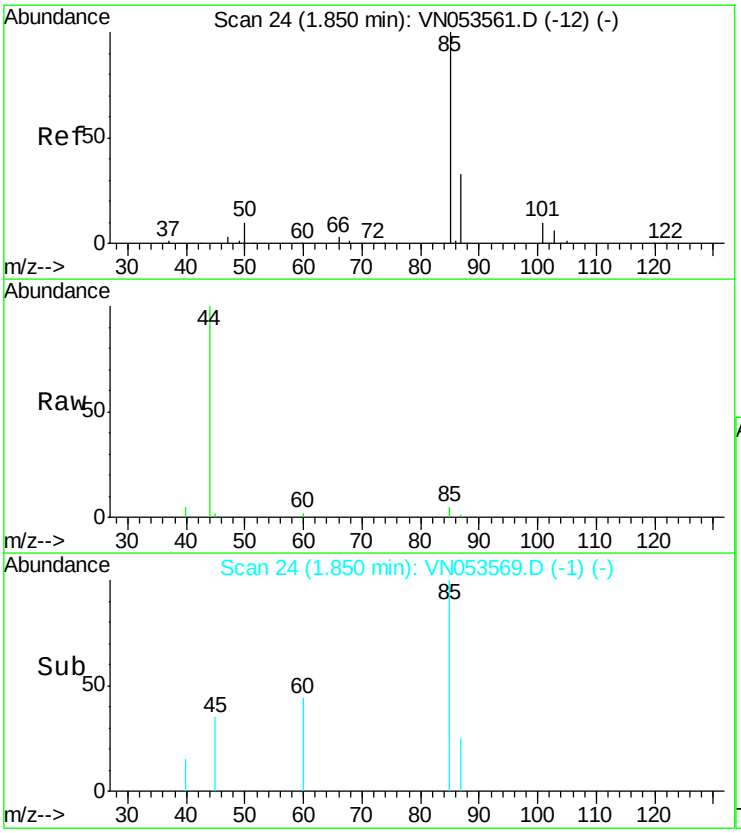
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:168 Resp: 812758

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.1	58.7

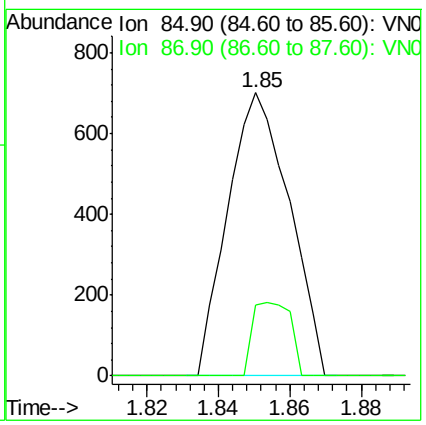


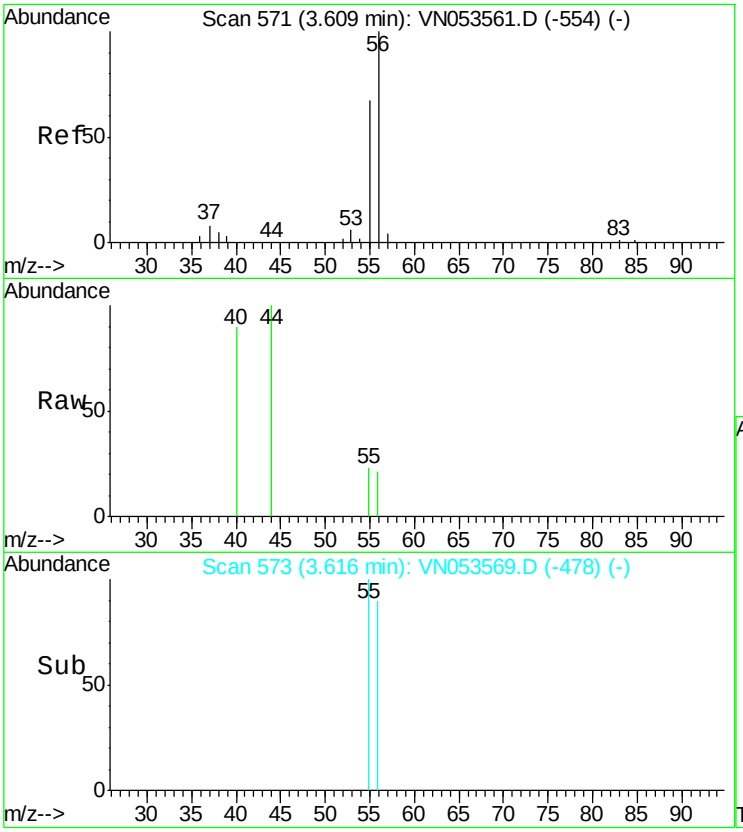


#2
Dichlorodifluoromethane
Concen: 0.428 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 85 Resp: 836

Ion	Ratio	Lower	Upper
85	100		
87	25.1	16.2	48.5



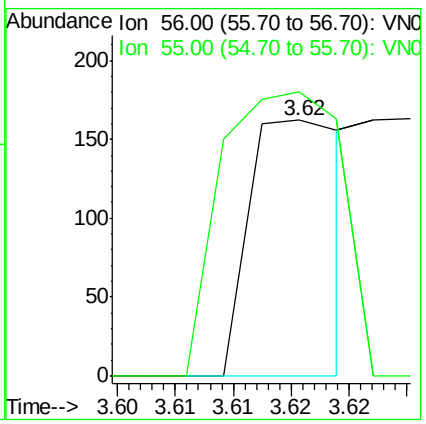


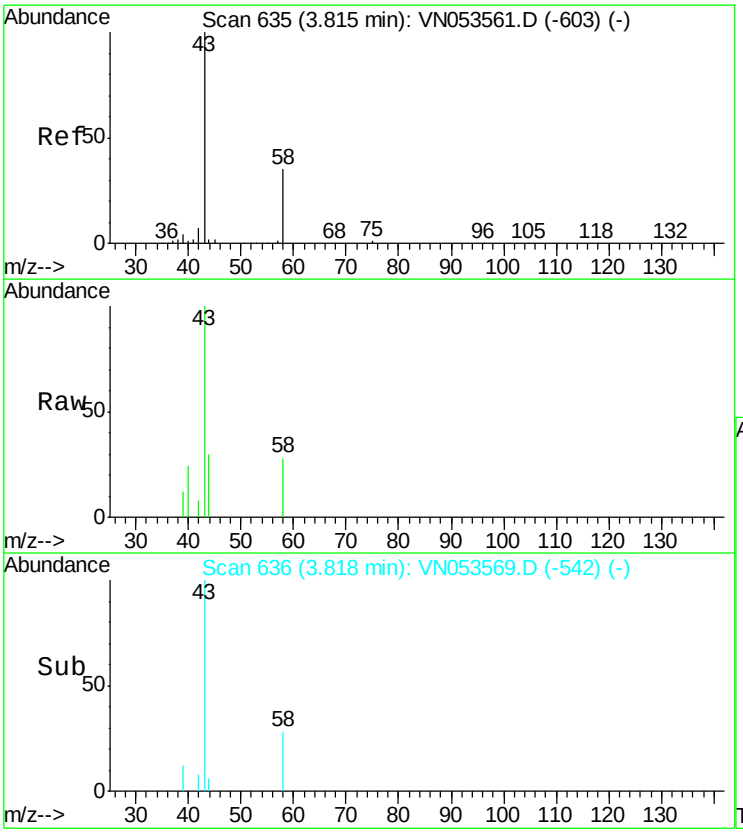
#13
Acrolein
Concen: Below Cal
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Tgt Ion: 56 Resp: 92

Ion	Ratio	Lower	Upper
56	100		
55	140.2	57.4	86.0#

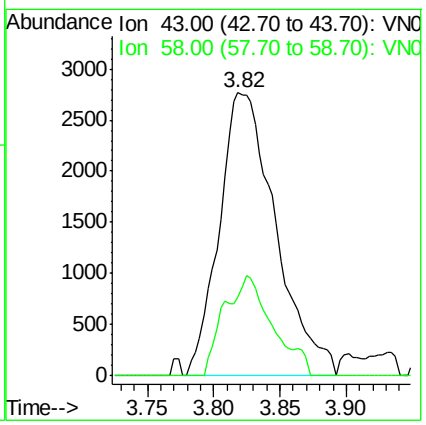


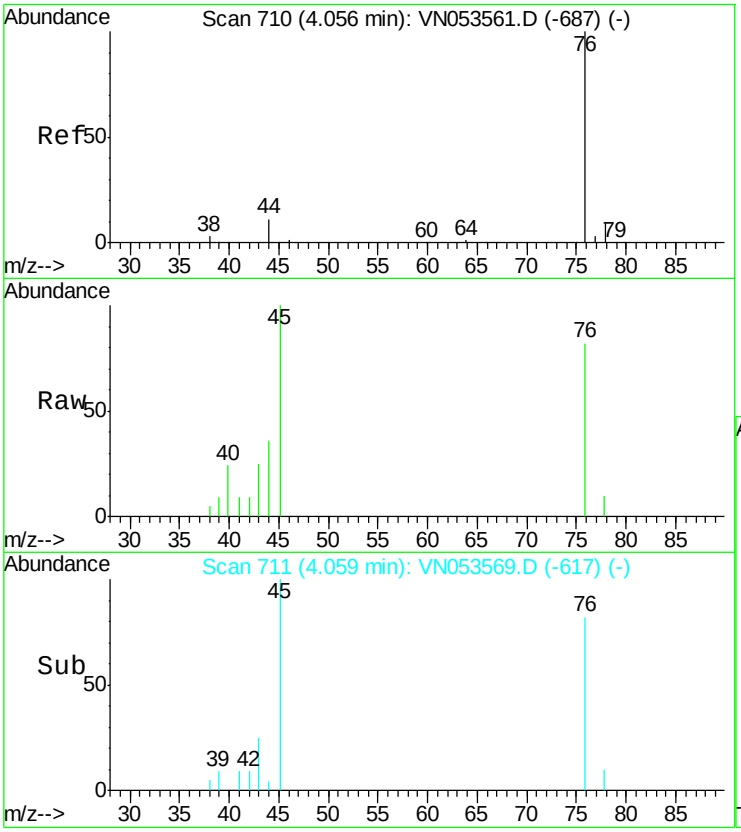


#16
Acetone
Concen: 3.929 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 43 Resp: 8218

Ion	Ratio	Lower	Upper
43	100		
58	28.0	27.1	40.7



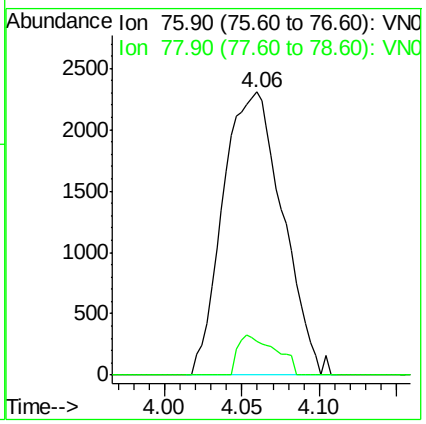


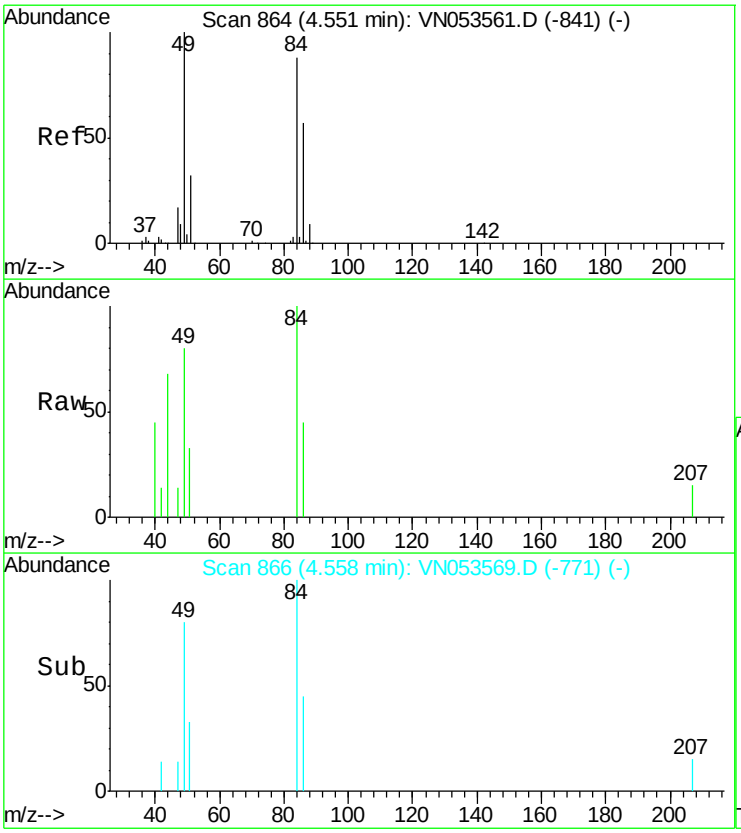
#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 76 Resp: 6187

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.3	10.9#

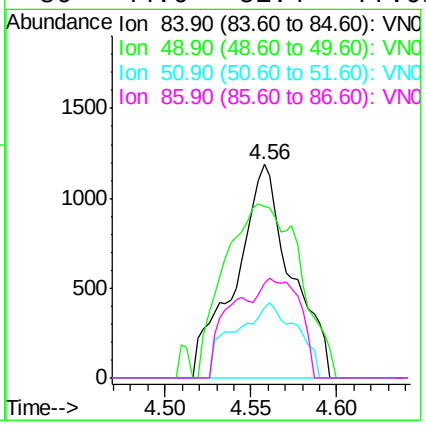


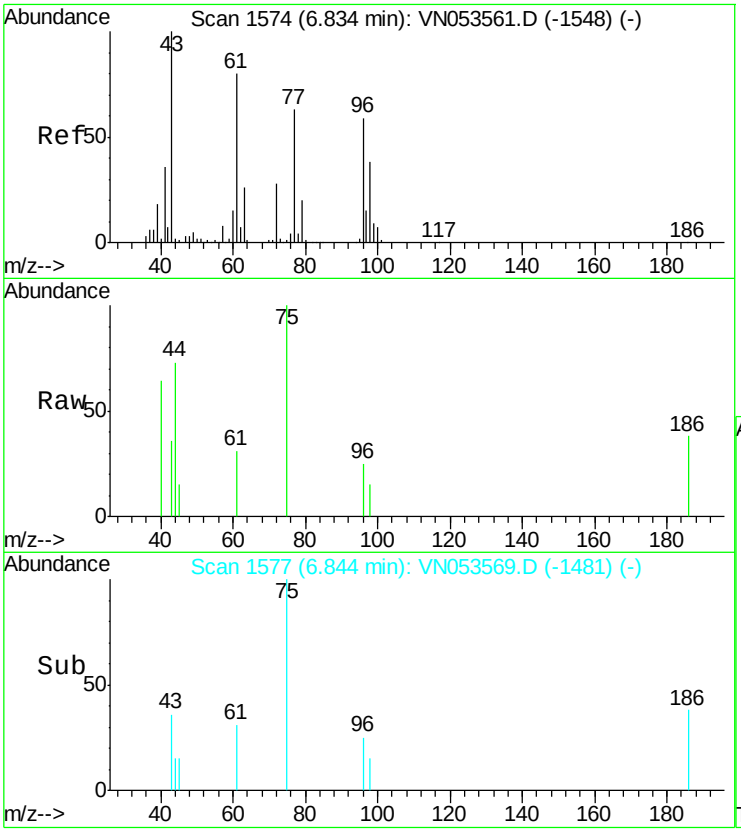


#20
Methylene Chloride
Concen: 0.304 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 84 Resp: 2669

Ion	Ratio	Lower	Upper
84	100		
49	80.4	94.3	141.5#
51	32.7	29.4	44.2
86	44.6	51.4	77.0#



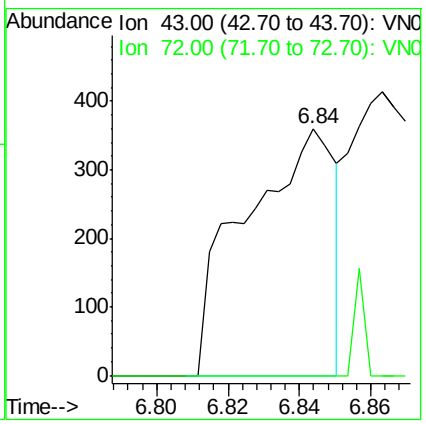


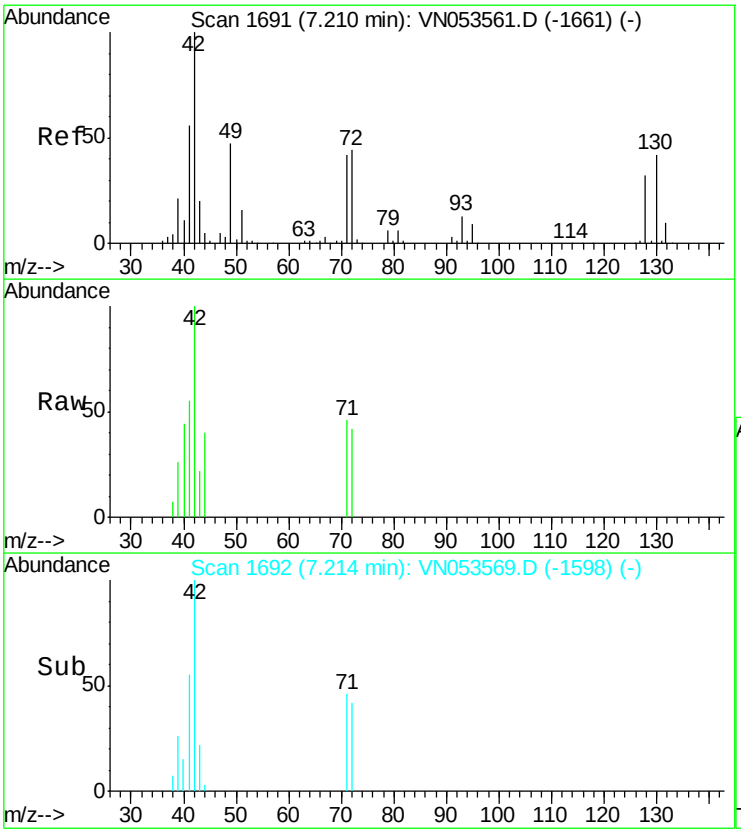
#25
2-Butanone
Concen: 0.210 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Tgt Ion: 43 Resp: 626

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

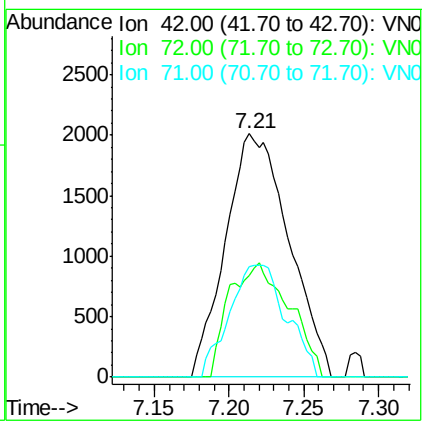


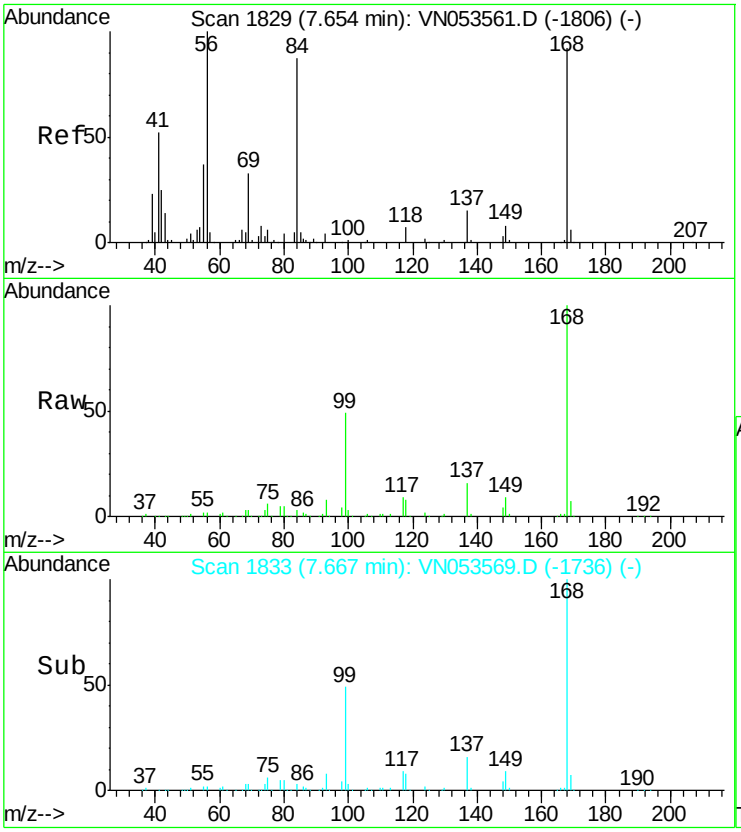


#29
Tetrahydrofuran
Concen: 3.100 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 42 Resp: 5938

Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.2	52.8
71	41.1	33.0	49.4



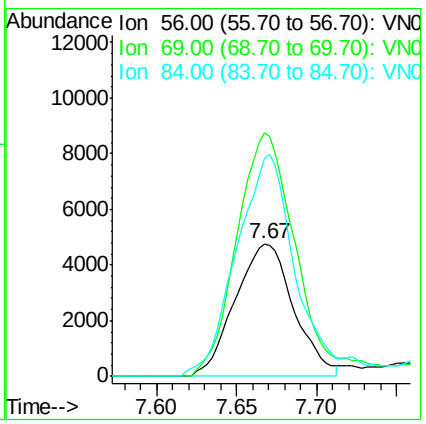


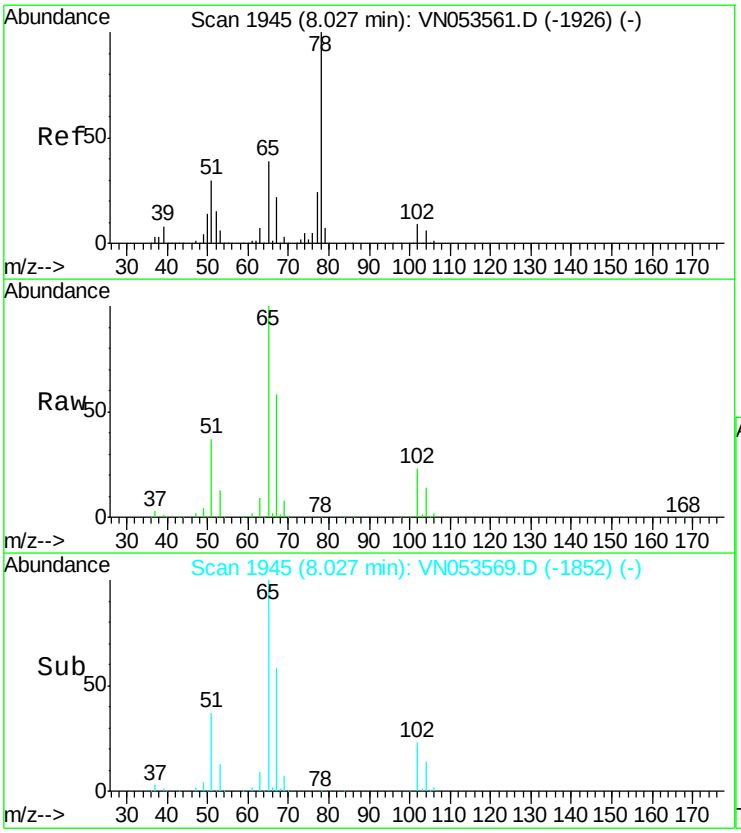
#31
Cyclohexane
Concen: 0.702 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Tgt Ion: 56 Resp: 11984

Ion	Ratio	Lower	Upper
56	100		
69	183.9	26.4	39.6#
84	161.3	67.9	101.9#

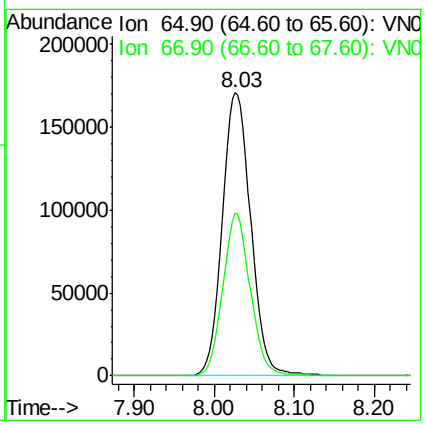


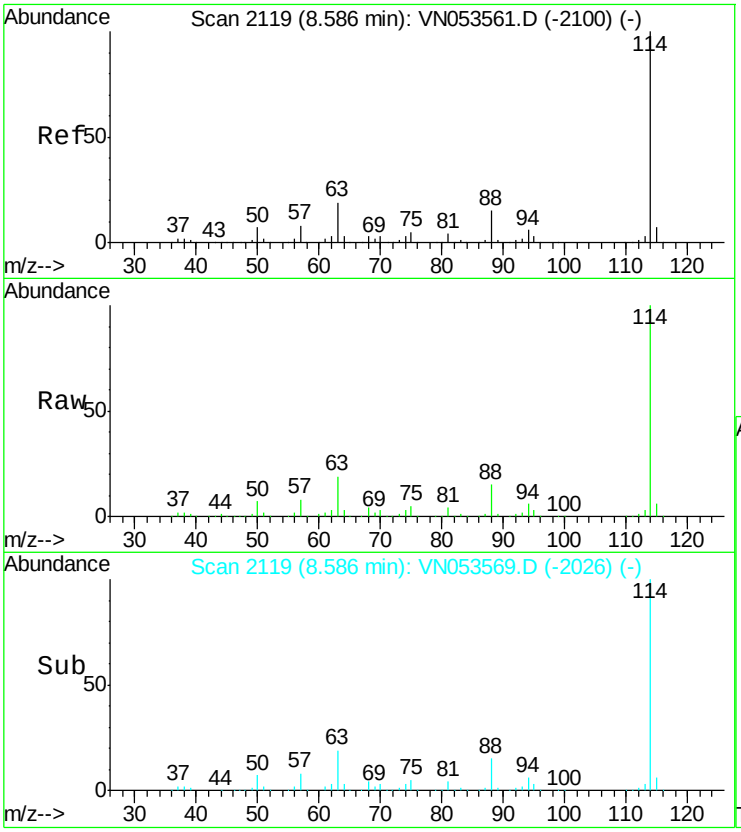


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 65 Resp: 415844

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2



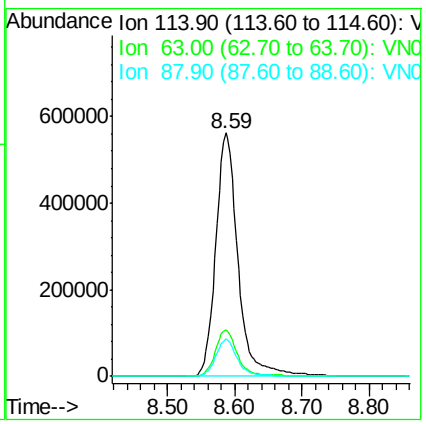


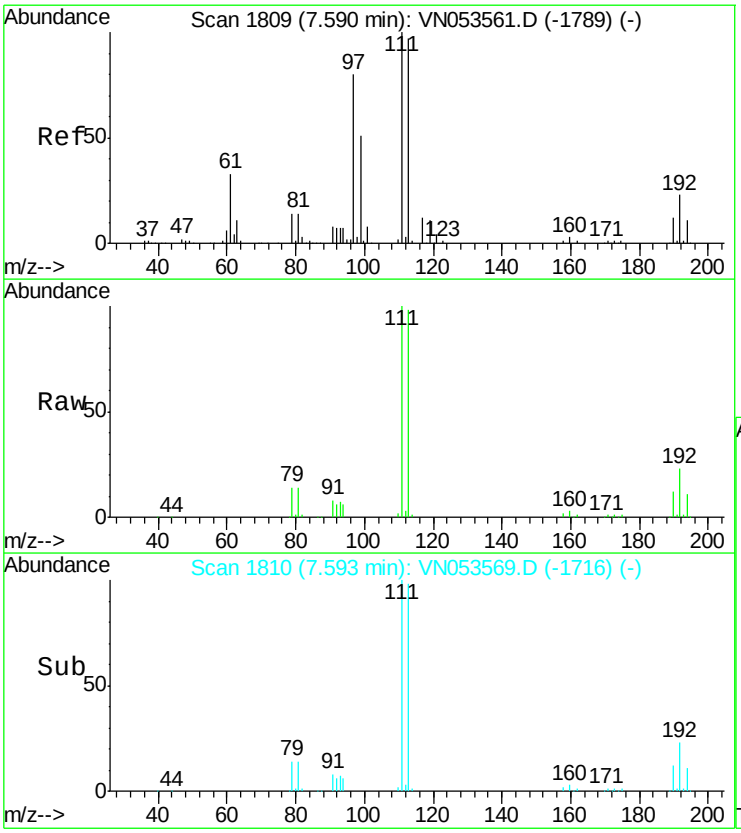
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Tgt Ion:114 Resp: 1301535

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.3	0.0	30.4

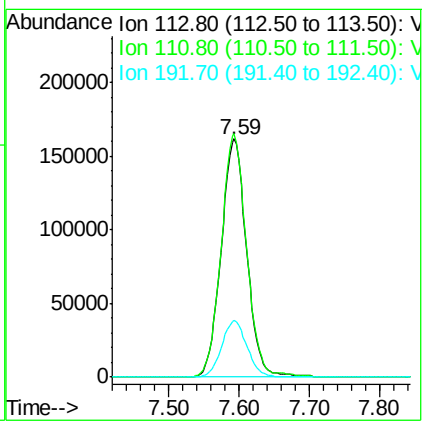


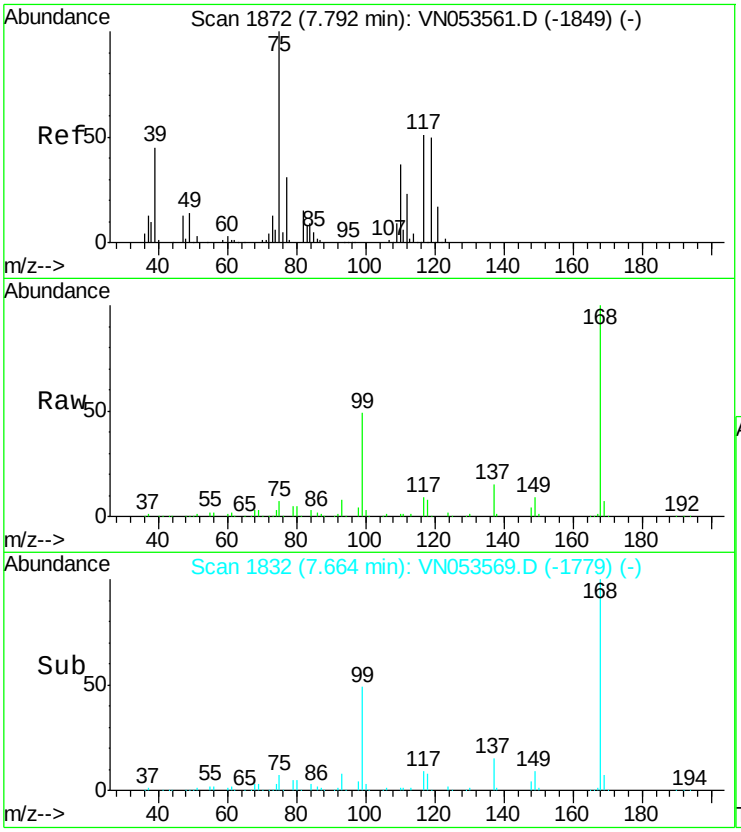


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion:113 Resp: 409123

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.7	18.2	27.2



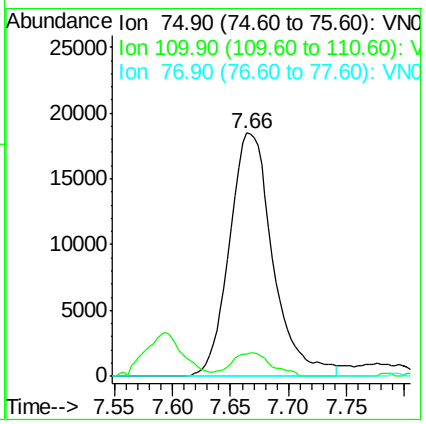


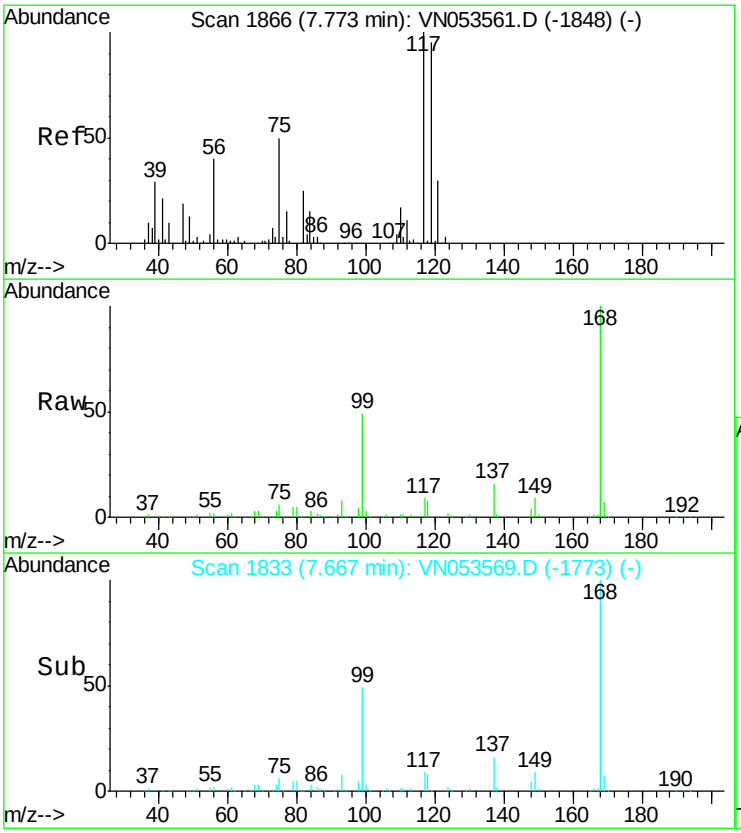
#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 75 Resp: 48130

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#

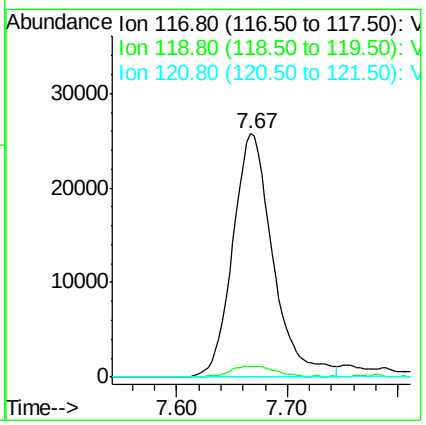


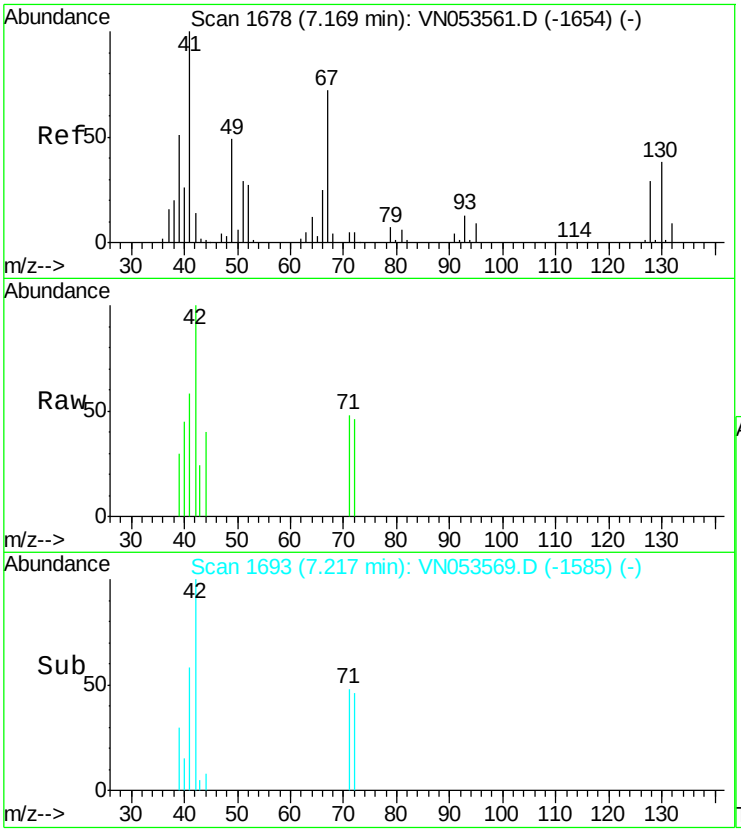


#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion:117 Resp: 64987

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.2	115.8#
121	0.0	24.6	37.0#



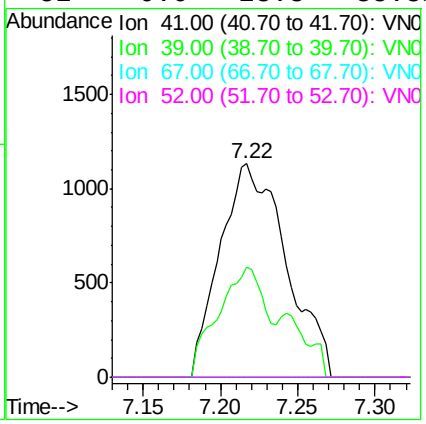


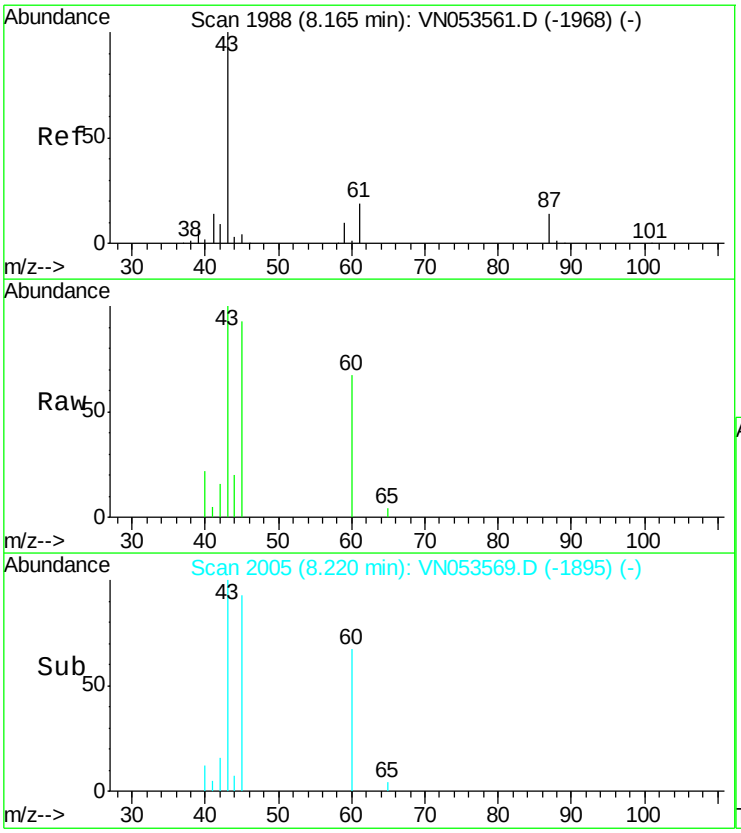
#41
Methacrylonitrile
Concen: 0.919 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 41 Resp: 3364

Ion	Ratio	Lower	Upper
41	100		
39	37.5	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

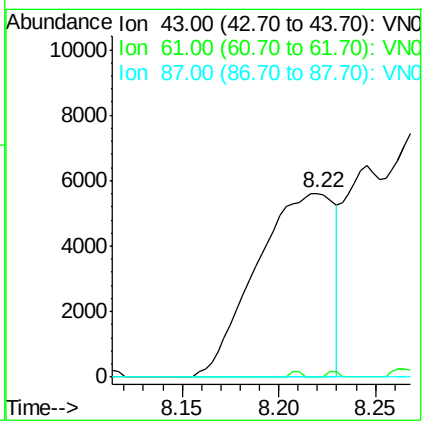


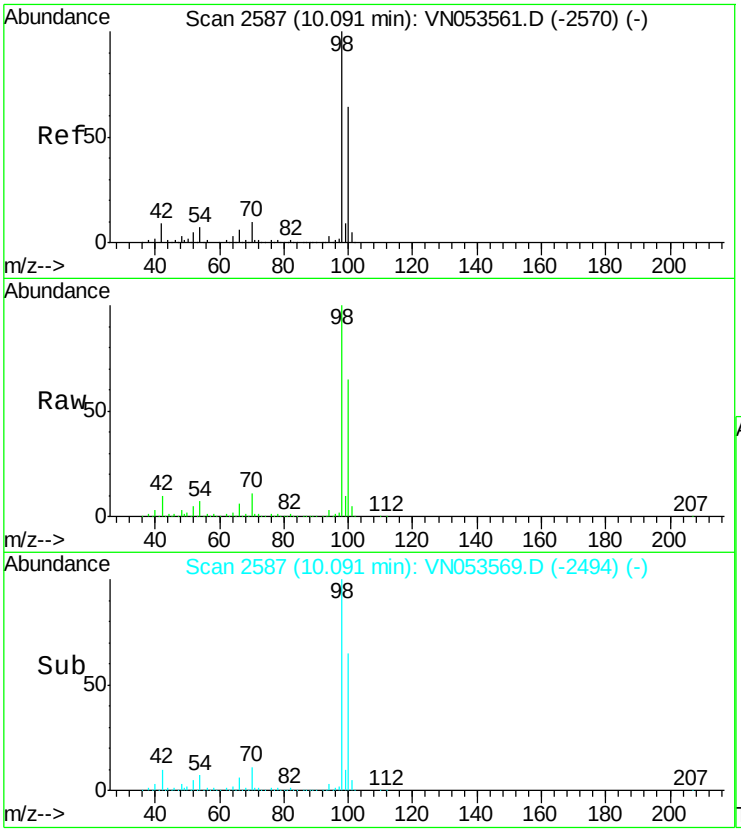


#43
Isopropyl Acetate
Concen: 1.239 ug/l
RT: 8.22 min Scan# 2005
Delta R.T. 0.05 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 43 Resp: 15683

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.9	35.9#
87	0.0	11.0	16.6#



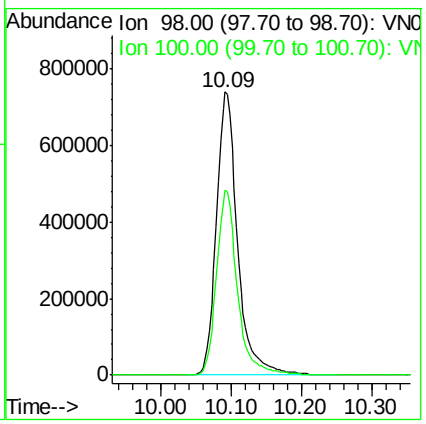


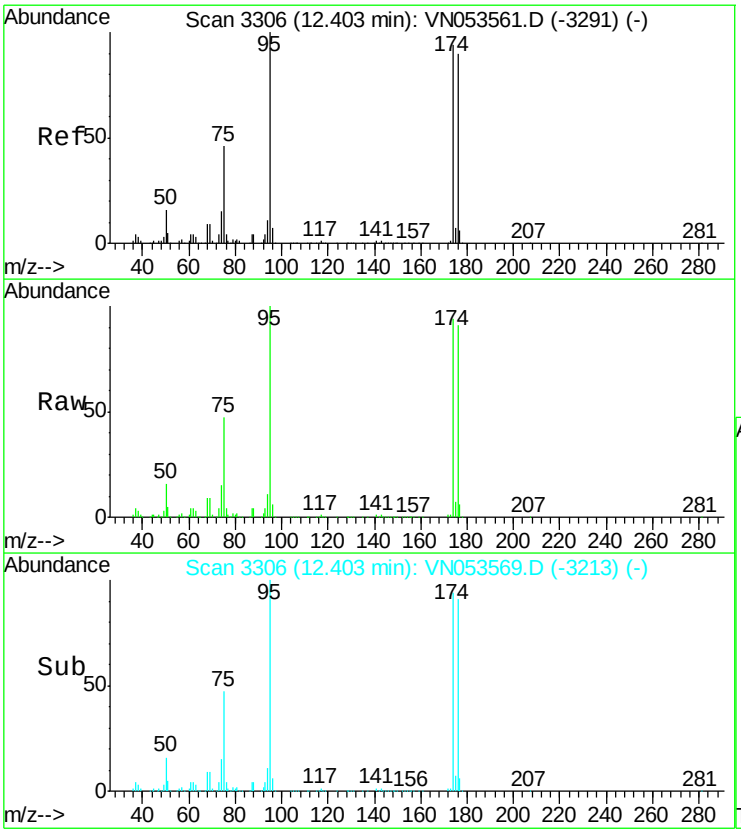
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 98 Resp: 1546377

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

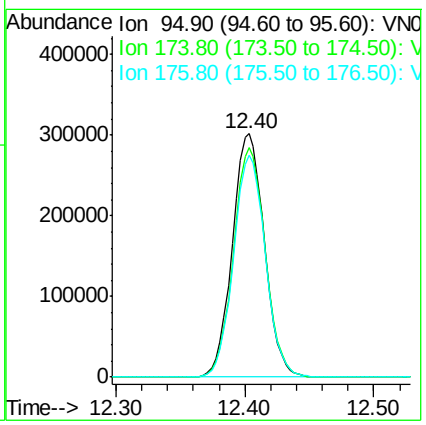


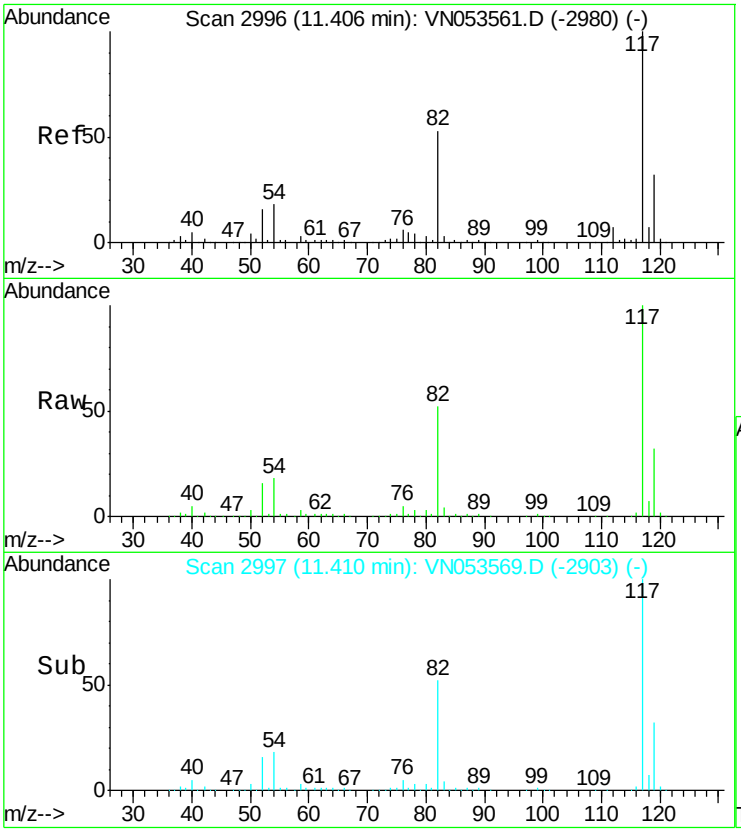


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 95 Resp: 519823

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	183.2
176	90.4	0.0	177.4



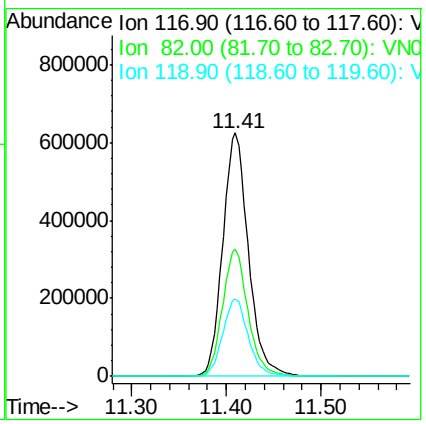


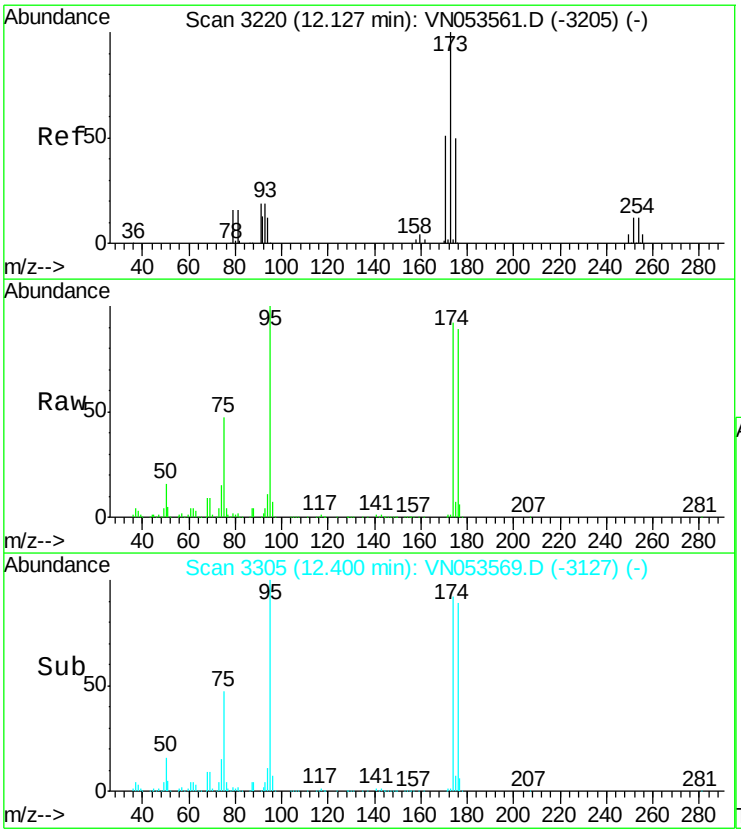
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument : MSVOA_N
ClientSampleId : FRAC-TANK-1-2

Tgt Ion:117 Resp: 1174091

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.9	64.3
119	31.9	26.0	39.0

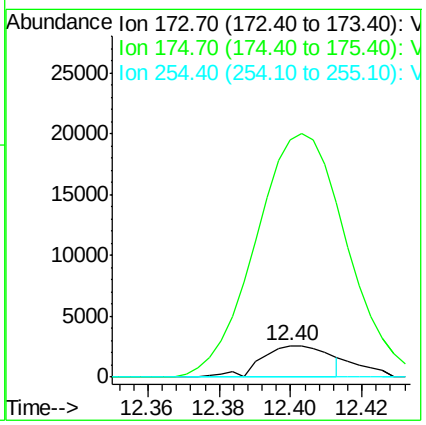


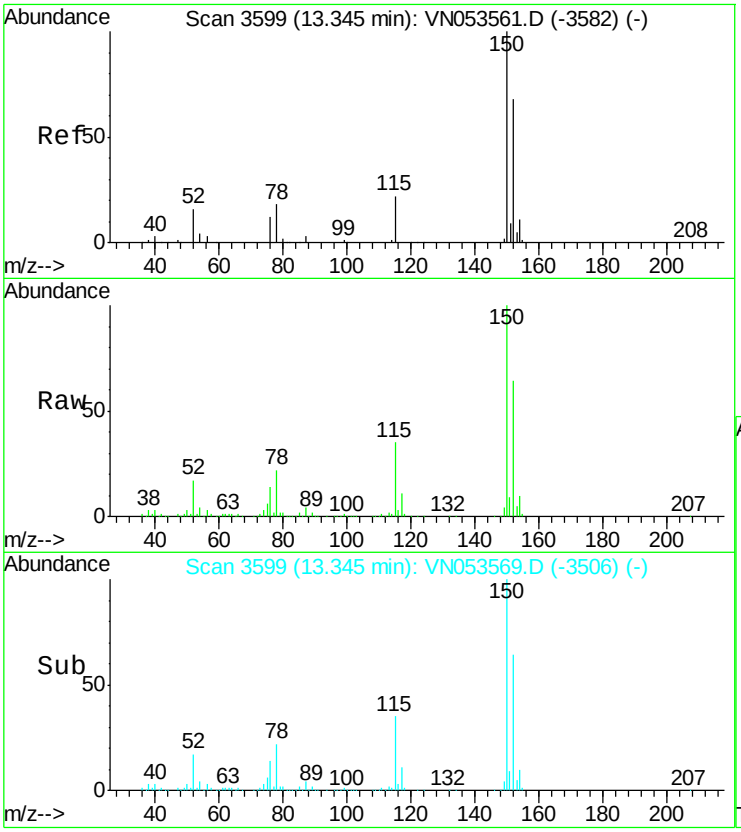


#71
Bromoform
Concen: 0.566 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion:173 Resp: 3377

Ion	Ratio	Lower	Upper
173	100		
175	875.1	24.6	74.0#
254	0.0	0.2	0.2#



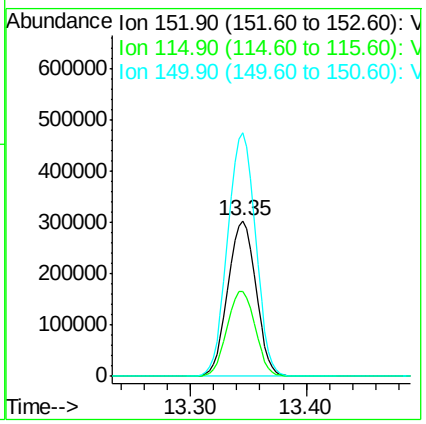


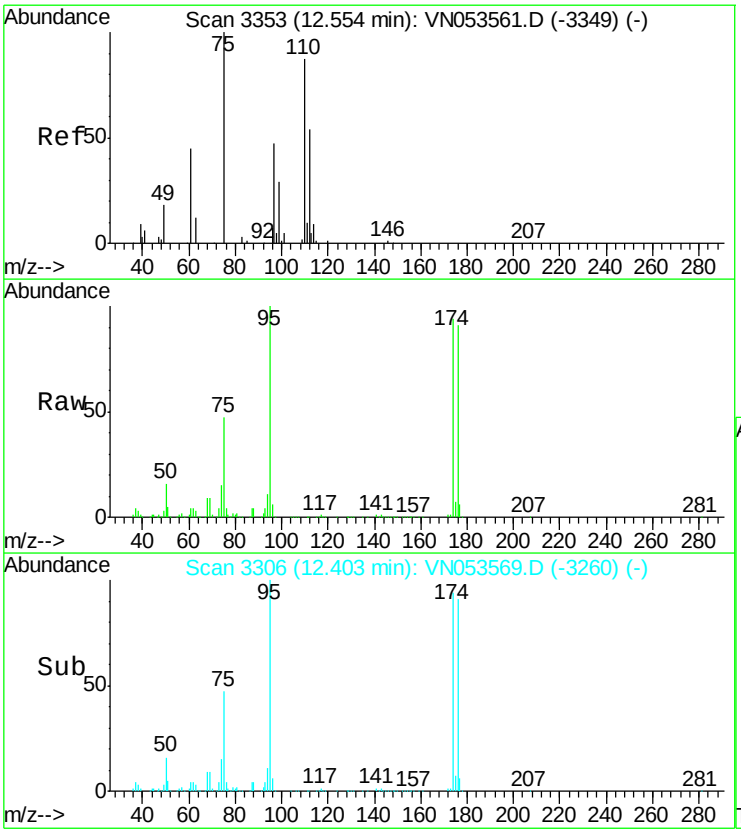
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:152 Resp: 505885

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.4
150	156.4	0.0	349.0

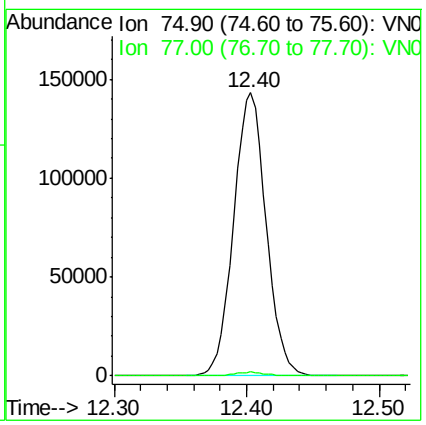


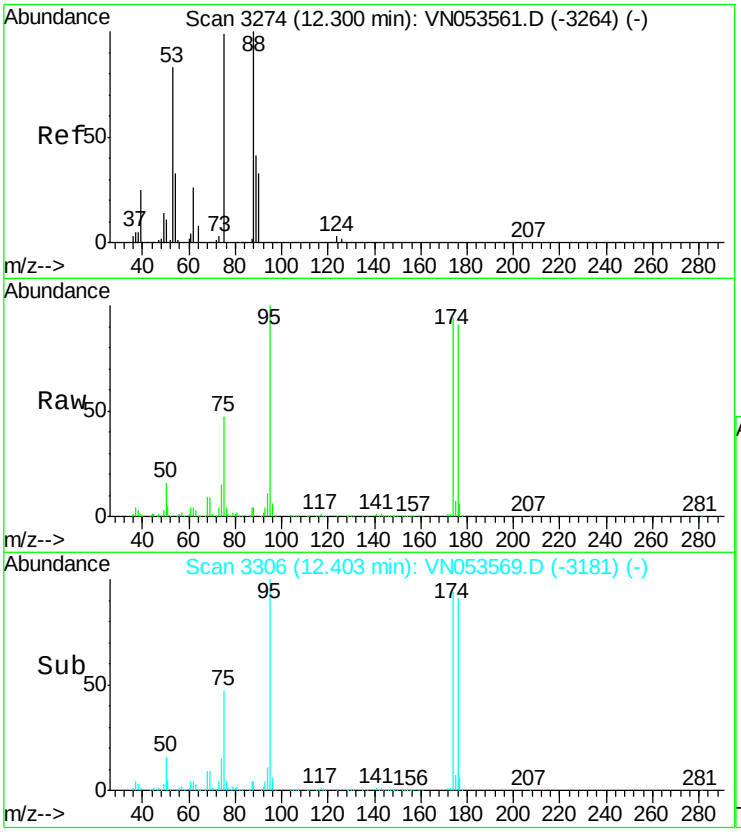


#76
1,2,3-Trichloropropane
Concen: 37.445 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion: 75 Resp: 243310

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



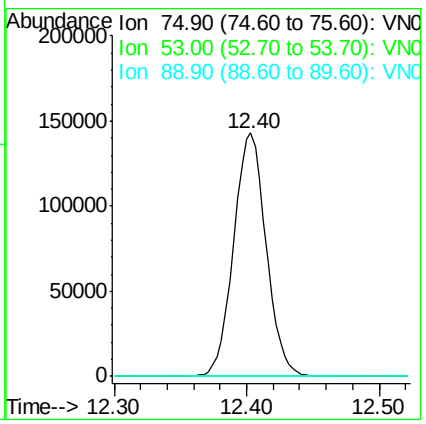


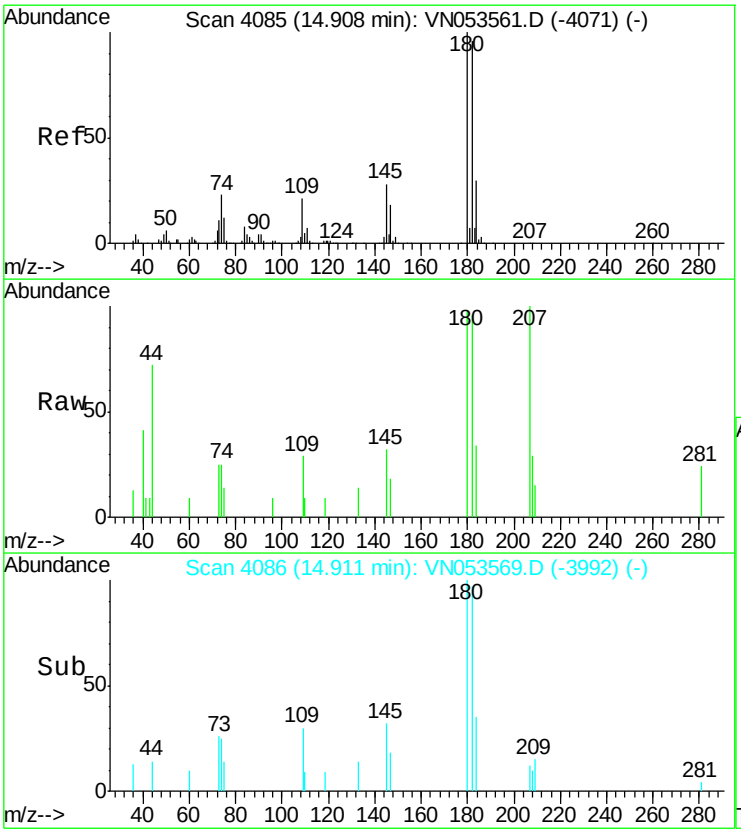
#81
trans-1,4-Dichloro-2-butene
Concen: 105.293 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion: 75 Resp: 243310

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#

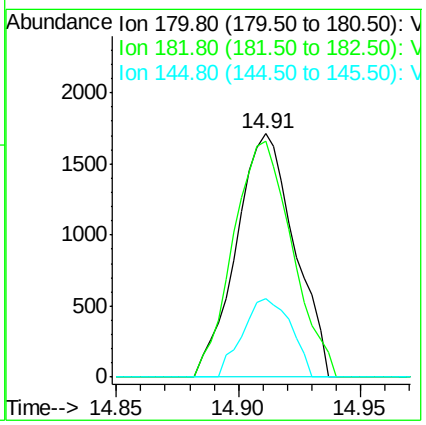


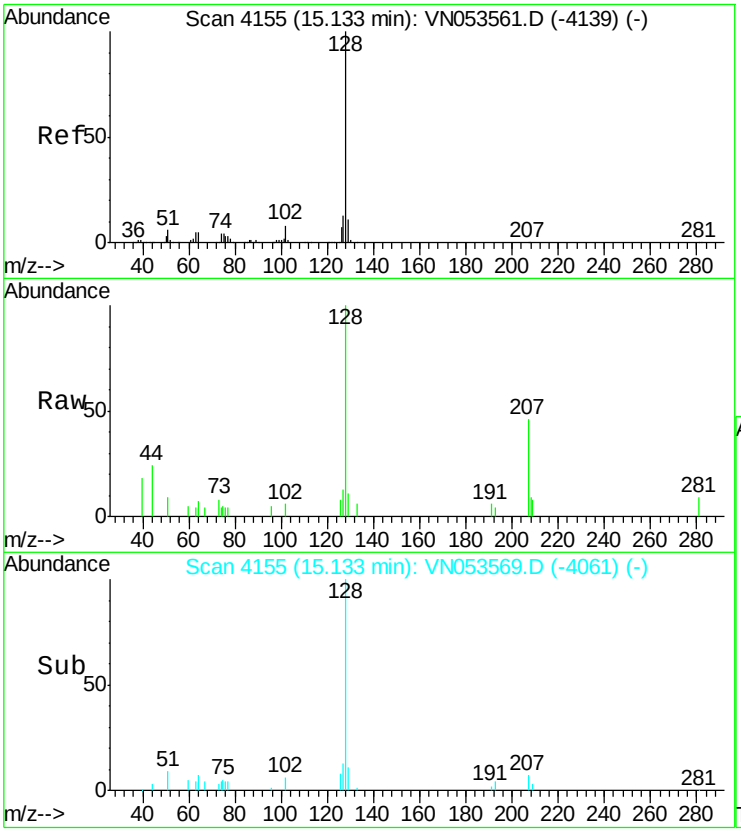


#93
1,2,4-Trichlorobenzene
Concen: 0.299 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion:180 Resp: 2827

Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.1	144.3
145	26.9	13.9	41.6



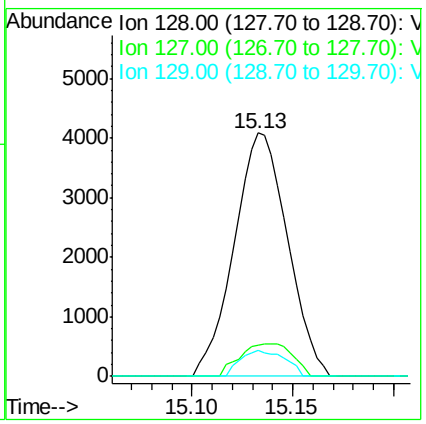


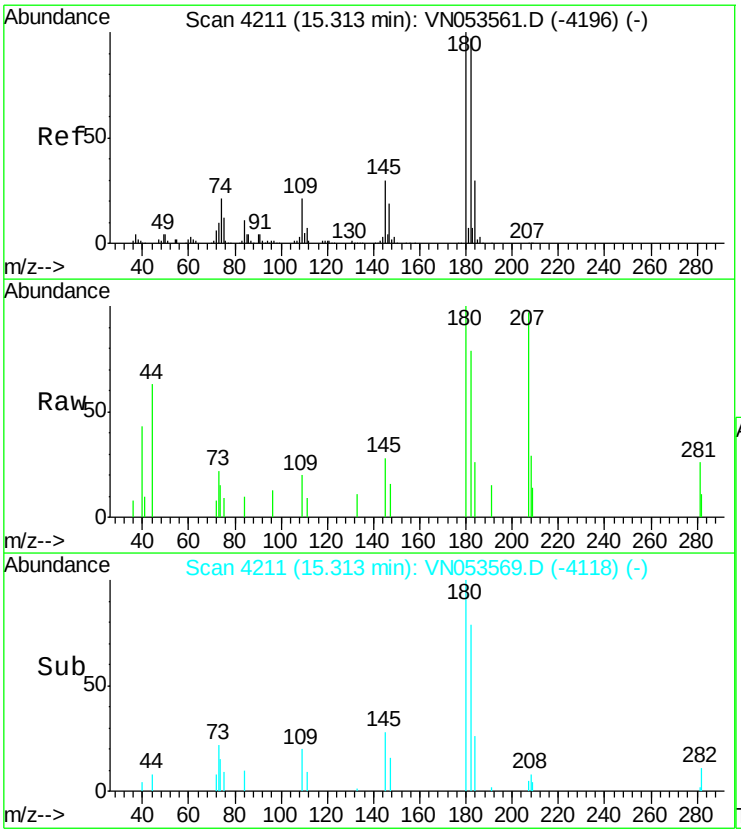
#95
Naphthalene
Concen: 2.064 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Instrument :
MSVOA_N
ClientSampleId :
FRAC-TANK-1-2

Tgt Ion:128 Resp: 7545

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.340 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN053569.D
Acq: 30 Jan 2019 14:08

Tgt Ion:180 Resp: 2983

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	36.3	14.7	44.1