Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052870.D
Acq On : 13 Dec 2018 17:48
Operator : MD\SY
Sample : PB115614ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115614ZHE#01

Quant Time: Dec 14 01:42:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1282319	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1958892	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1746276	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	702949	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	649382	47.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.26%				
35) Dibromofluoromethane	7.59	113	556307	50.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.76%				
50) Toluene-d8	10.09	98	2407096	50.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.54%				
62) 4-Bromofluorobenzene	12.40	95	782496	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	406	0.566	ug/l	#	45
16) Acetone	3.82	43	18211	5.947	ug/l		94
18) Methyl Acetate	4.33	43	2704	0.241	ug/l	#	60
20) Methylene Chloride	4.55	84	28096	2.039	ug/l		98
25) 2-Butanone	6.85	43	2827	0.595	ug/l	#	49
29) Tetrahydrofuran	7.21	42	958	0.295	ug/l	#	74
31) Cyclohexane	7.67	56	21798	0.368	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	83505	4.629	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	110239	6.639	ug/l	#	16
43) Isopropyl Acetate	8.17	43	59851	2.694	ug/l	#	83
45) 1,2-Dichloropropane	9.27	63	3758	0.265	ug/l	#	44
48) Methyl methacrylate	9.18	41	17798	1.827	ug/l	#	12
49) 1,4-Dioxane	9.26	88	205	1.854	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	21226	2.083	ug/l	#	35
54) cis-1,3-Dichloropropene	9.90	75	144907	7.086	ug/l	#	60
57) 1,3-Dichloropropane	10.76	76	27915	1.391	ug/l	#	42
59) 2-Hexanone	10.76	43	375298	53.753	ug/l	#	49
71) Bromoform	12.40	173	4483	0.524	ug/l	#	1
74) N-amyl acetate	11.88	43	48059	3.335	ug/l	#	52
76) 1,2,3-Trichloropropane	12.40	75	369041	35.583	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	13989	0.330	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	369041	114.310	ug/l	#	12

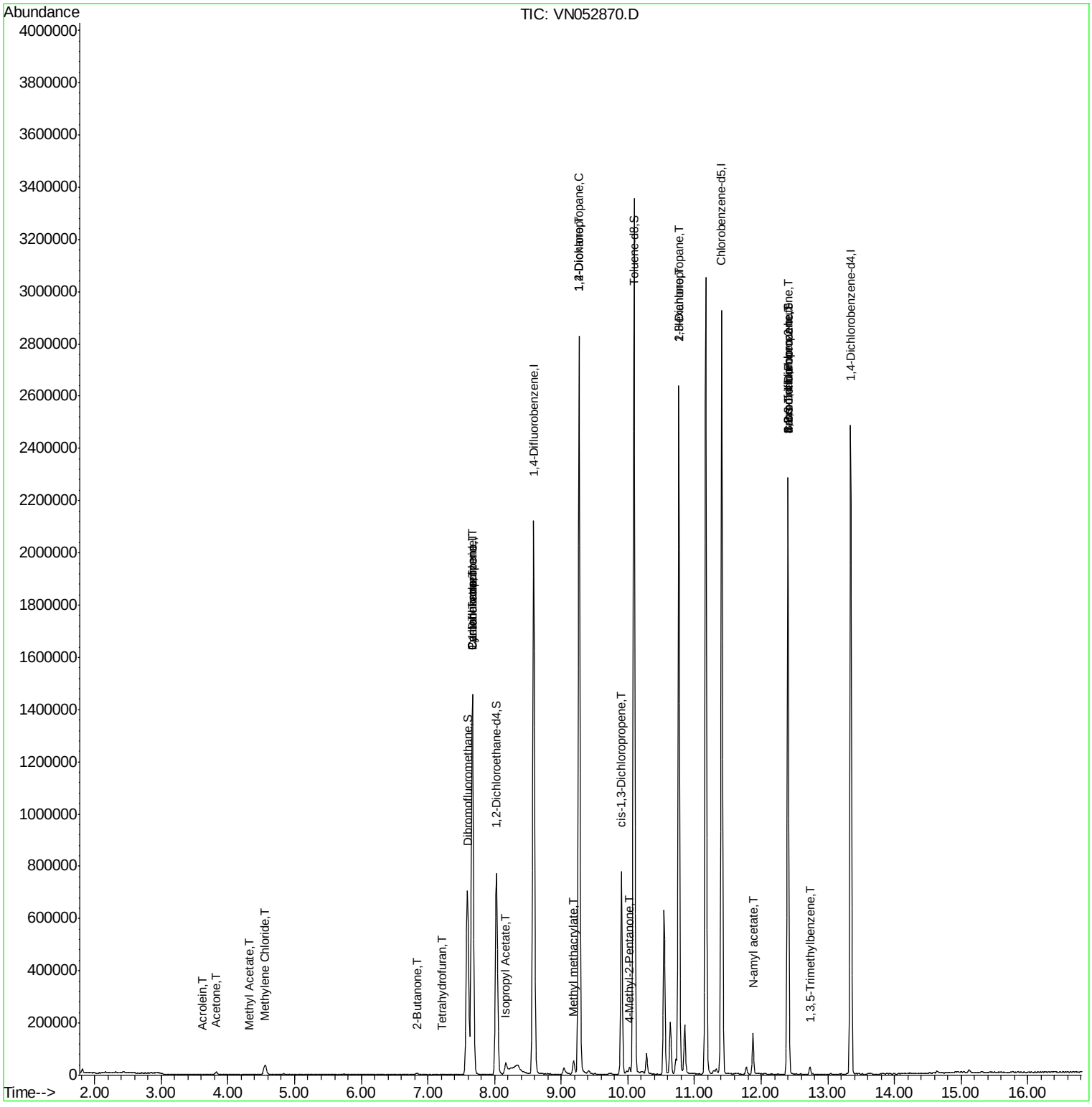
(#) = qualifier out of range (m) = manual integration (+) = signals summed

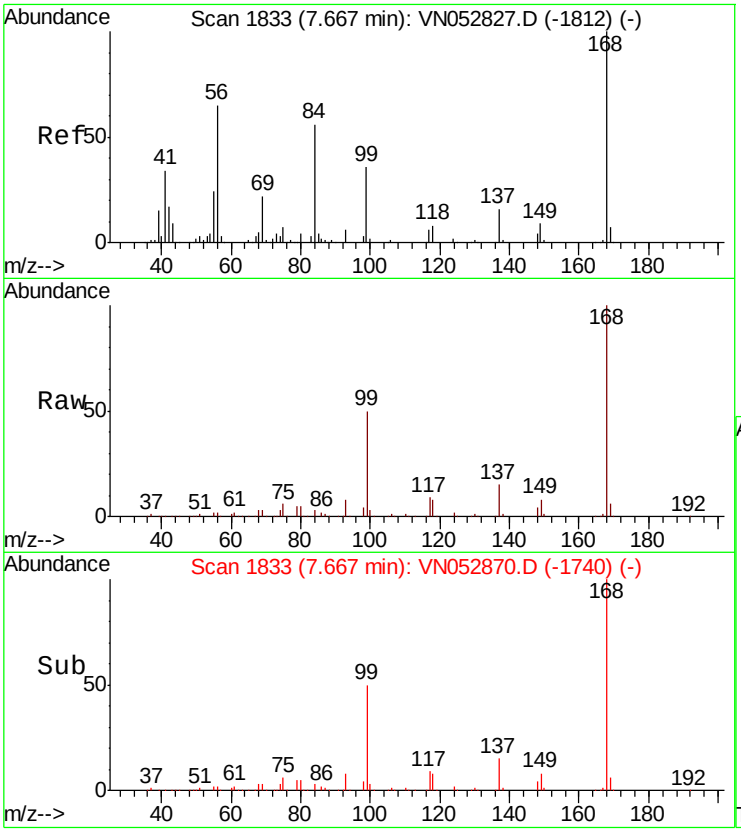
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052870.D
Acq On : 13 Dec 2018 17:48
Operator : MD\SY
Sample : PB115614ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115614ZHE#01

Quant Time: Dec 14 01:42:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



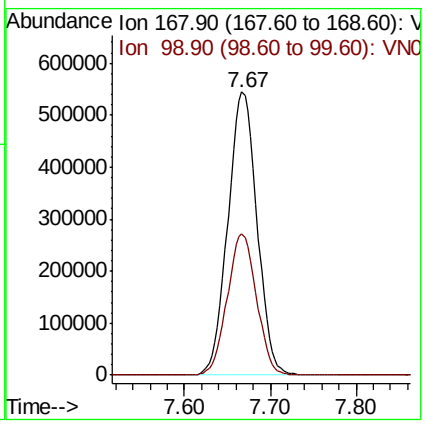


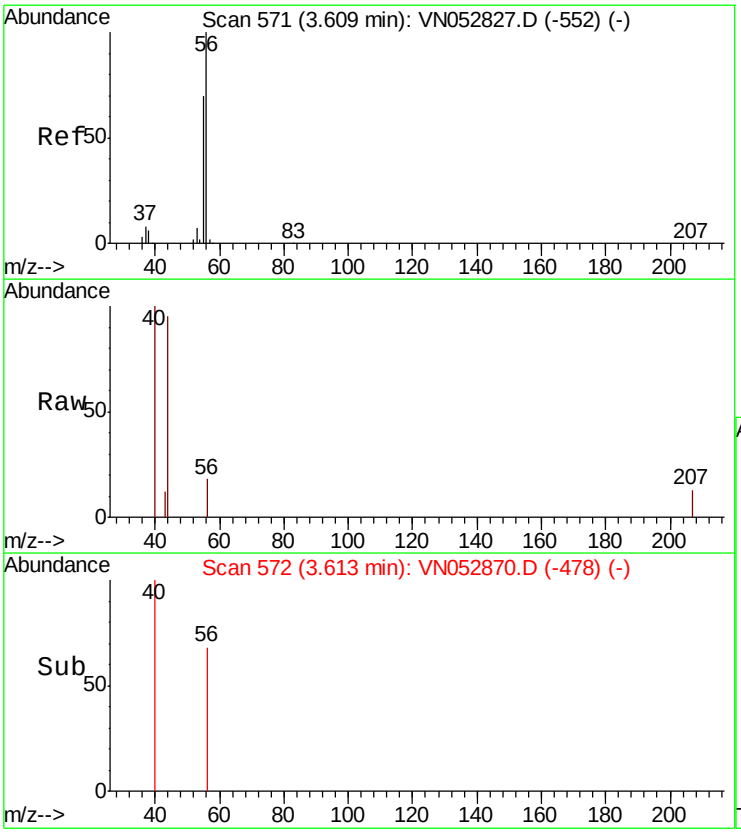
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion:168 Resp: 1282319

Ion	Ratio	Lower	Upper
168	100		
99	50.0	40.2	60.2

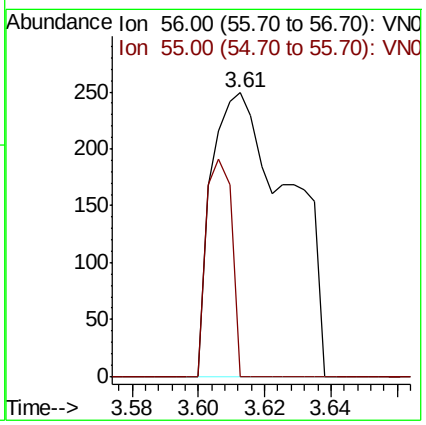


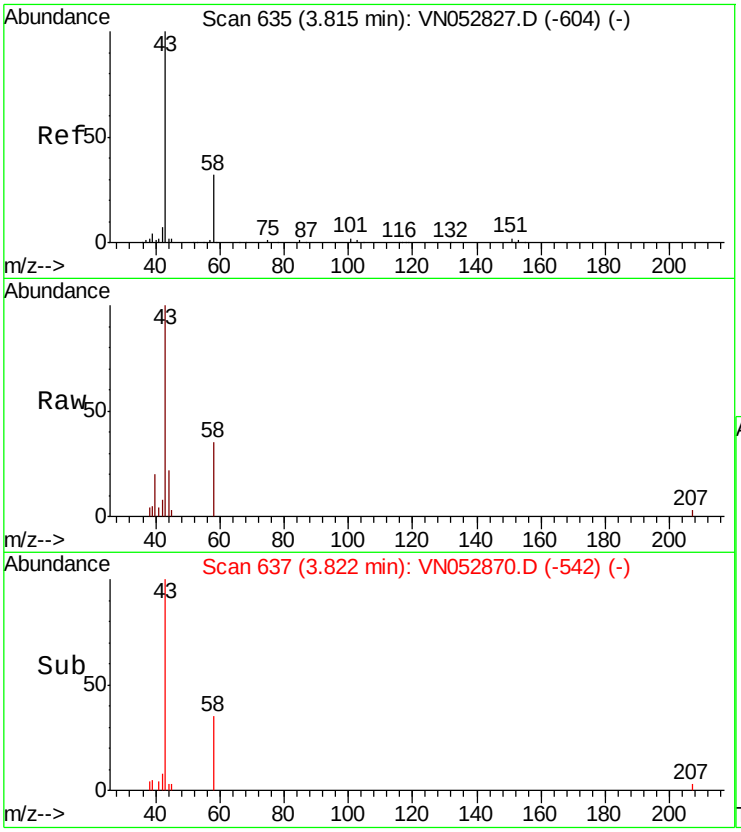


#13
Acrolein
Concen: 0.566 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 56 Resp: 406

Ion	Ratio	Lower	Upper
56	100		
55	25.1	56.6	85.0#

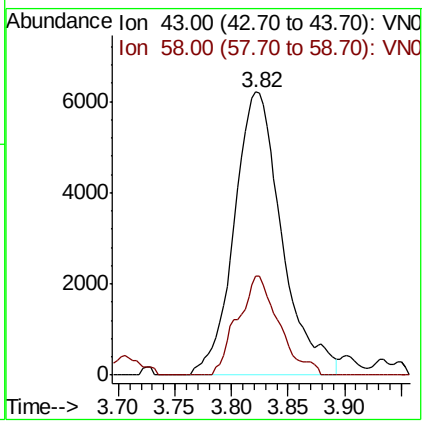




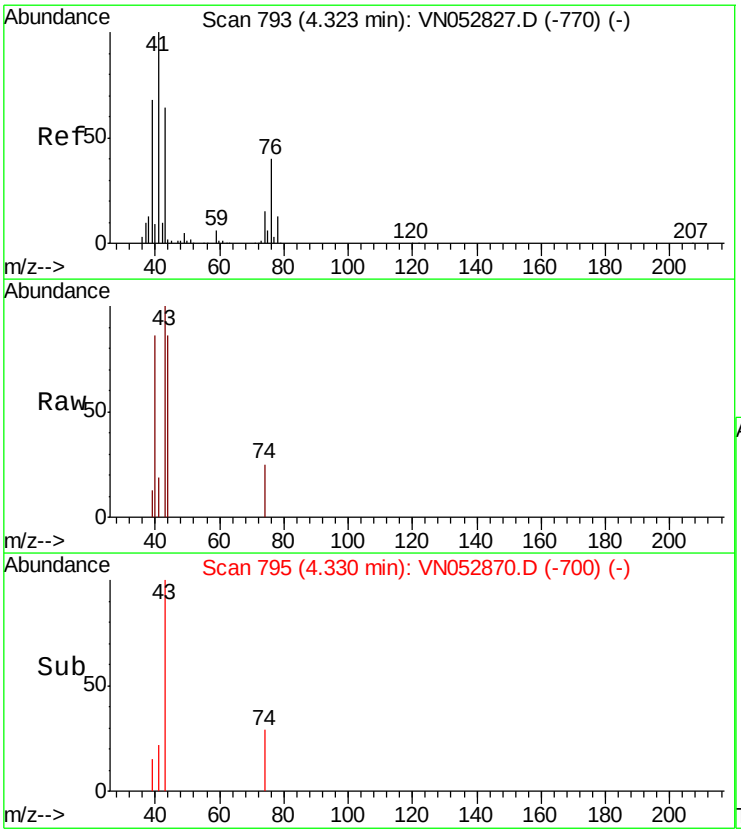
#16
Acetone
Concen: 5.947 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 18211

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.4	38.0



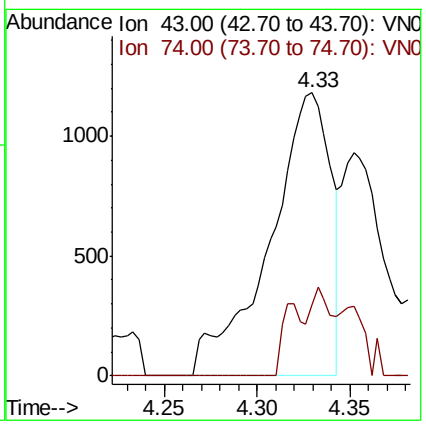
Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

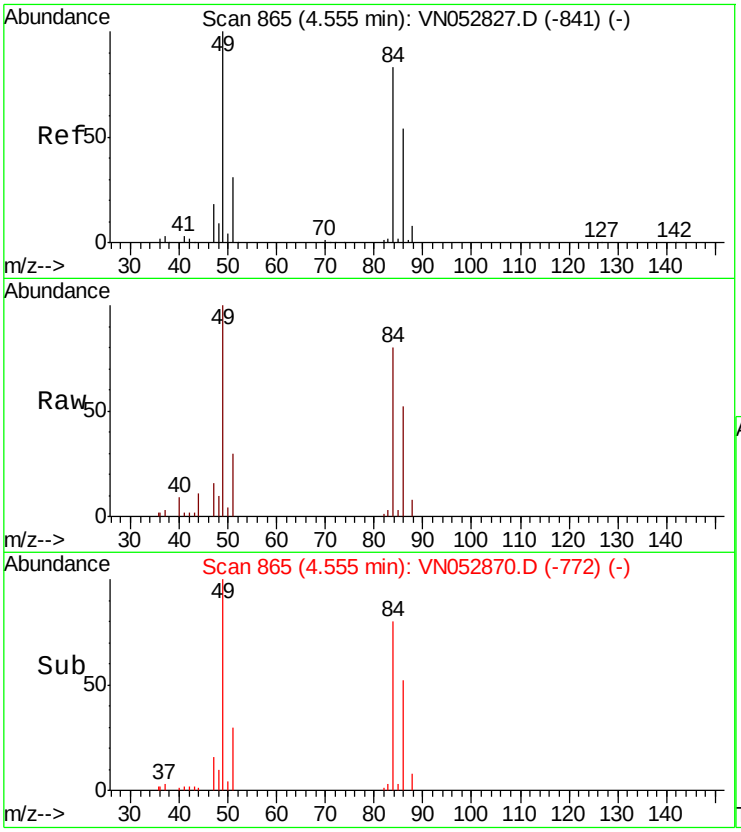


#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 2704

Ion	Ratio	Lower	Upper
43	100		
74	4.4	19.2	28.8#



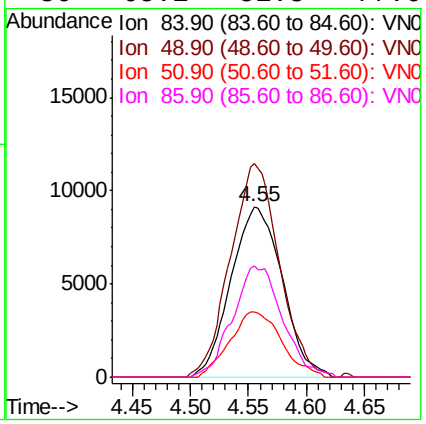


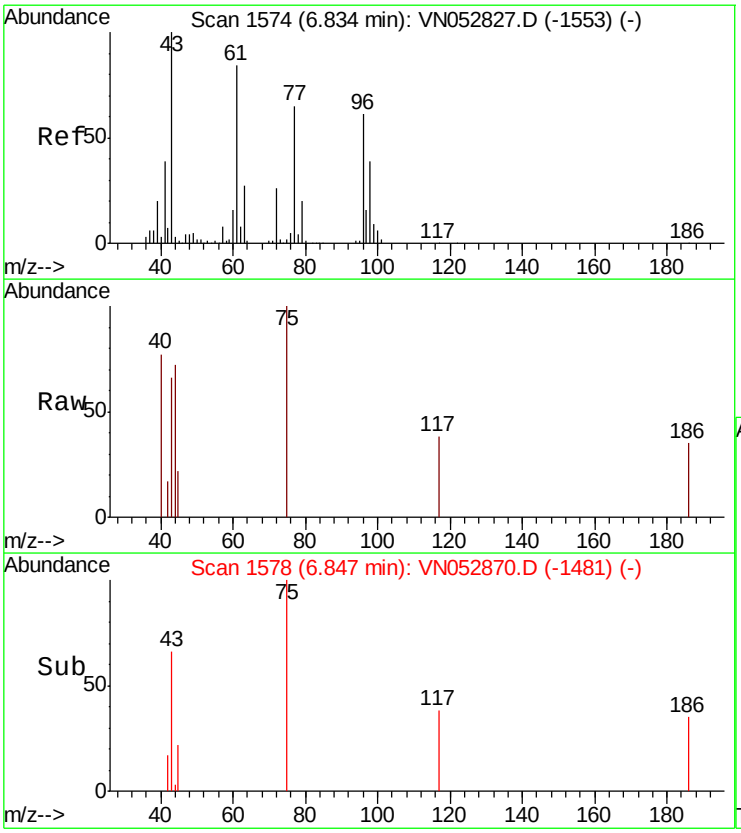
#20
Methylene Chloride
Concen: 2.039 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument : MSVOA_N
ClientSampleId : PB115614ZHE#01

Tgt Ion: 84 Resp: 28096

Ion	Ratio	Lower	Upper
84	100		
49	125.4	96.8	145.2
51	38.1	29.9	44.9
86	65.1	51.8	77.6

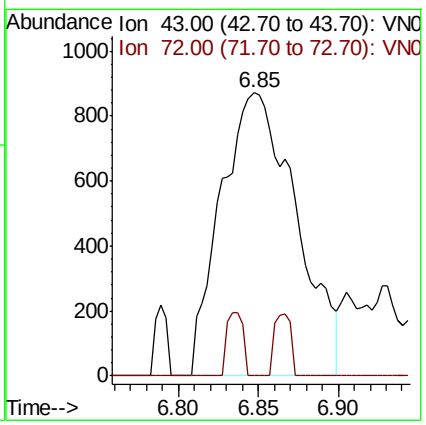


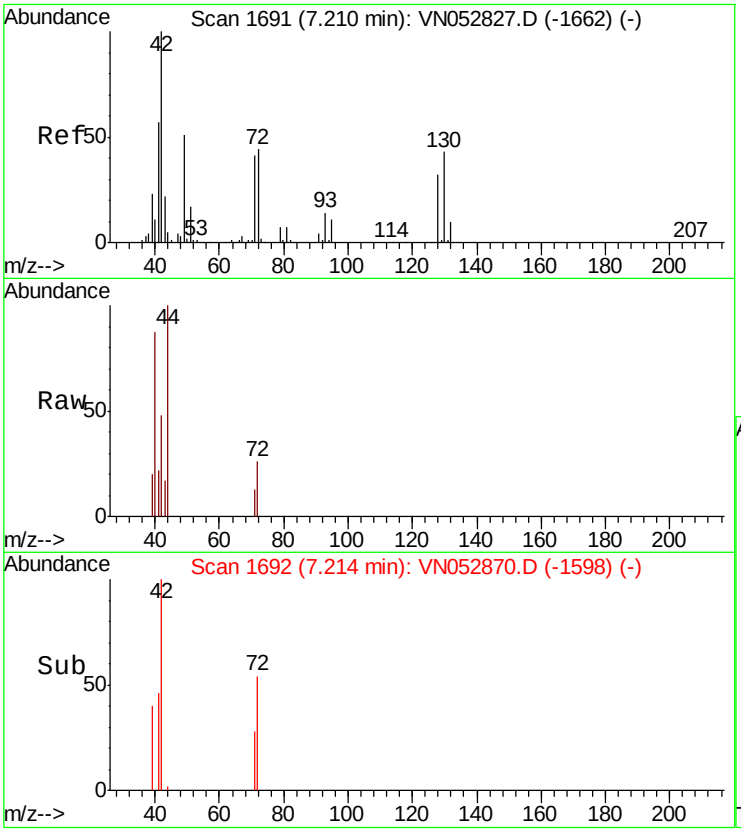


#25
2-Butanone
Concen: 0.595 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 2827

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



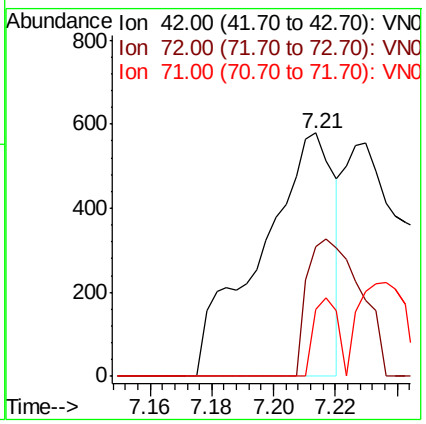


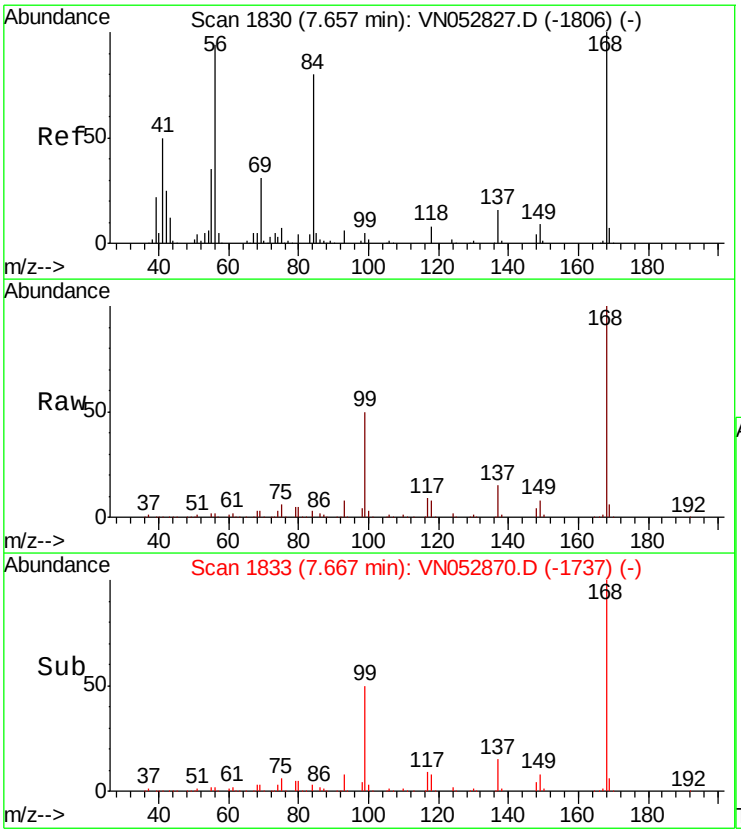
#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 42 Resp: 958

Ion	Ratio	Lower	Upper
42	100		
72	40.6	34.7	52.1
71	10.1	32.3	48.5#

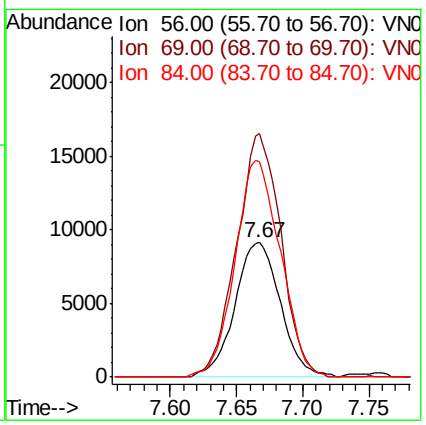


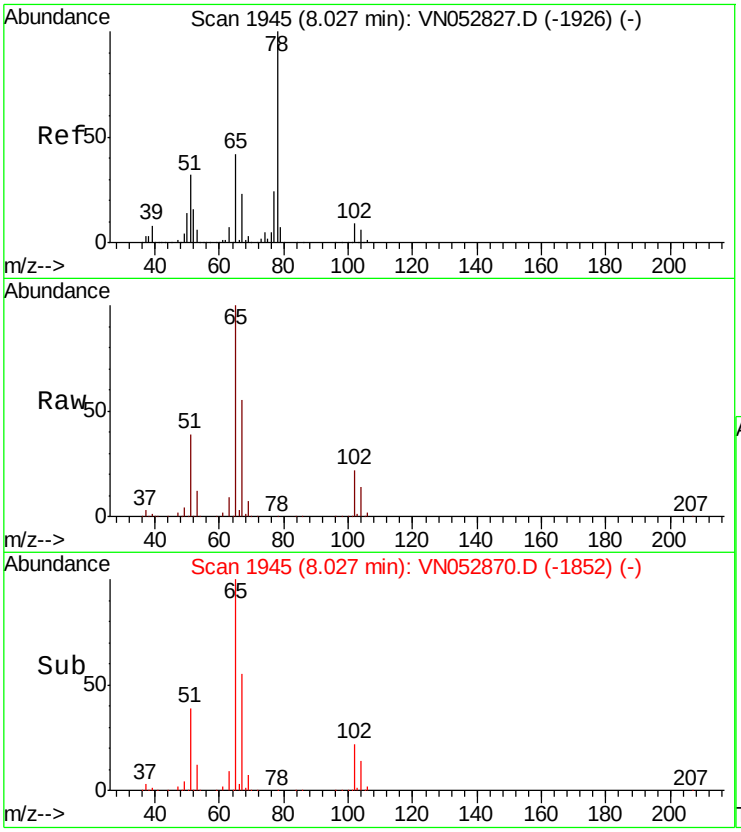


#31
Cyclohexane
Concen: 0.368 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 56 Resp: 21798

Ion	Ratio	Lower	Upper
56	100		
69	180.9	26.6	39.8#
84	159.9	68.4	102.6#



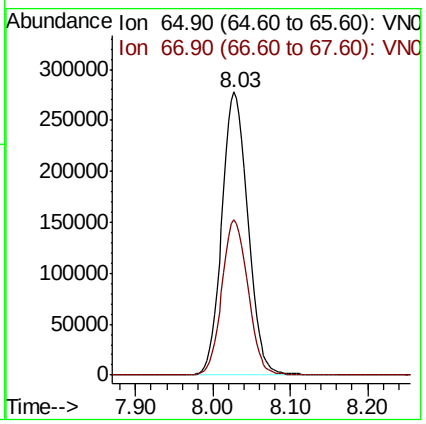


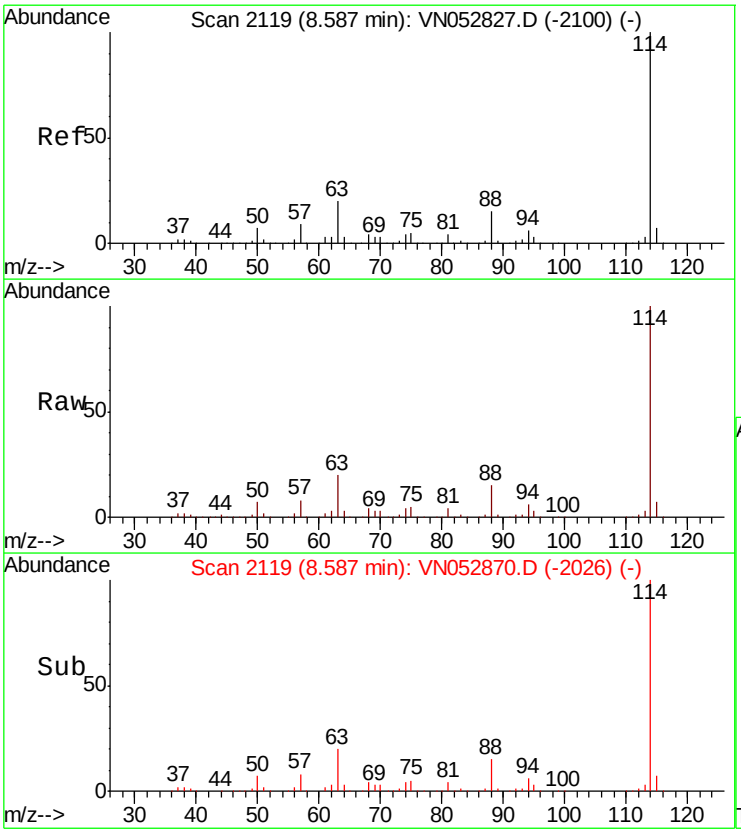
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 65 Resp: 649382

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.4

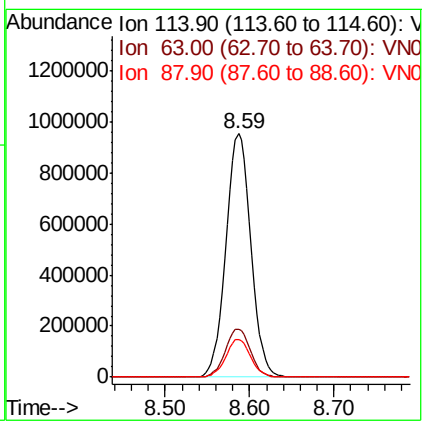


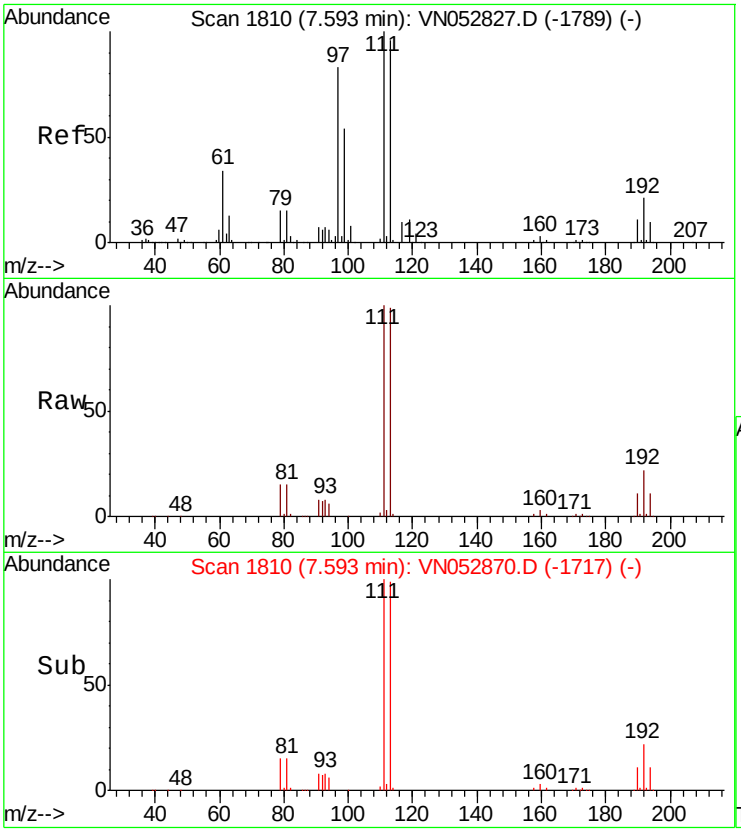


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion:114 Resp: 1958892

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.4	0.0	31.0



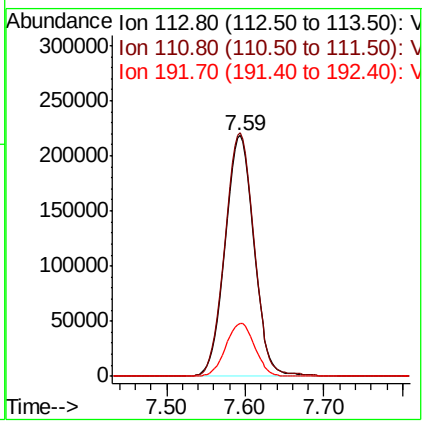


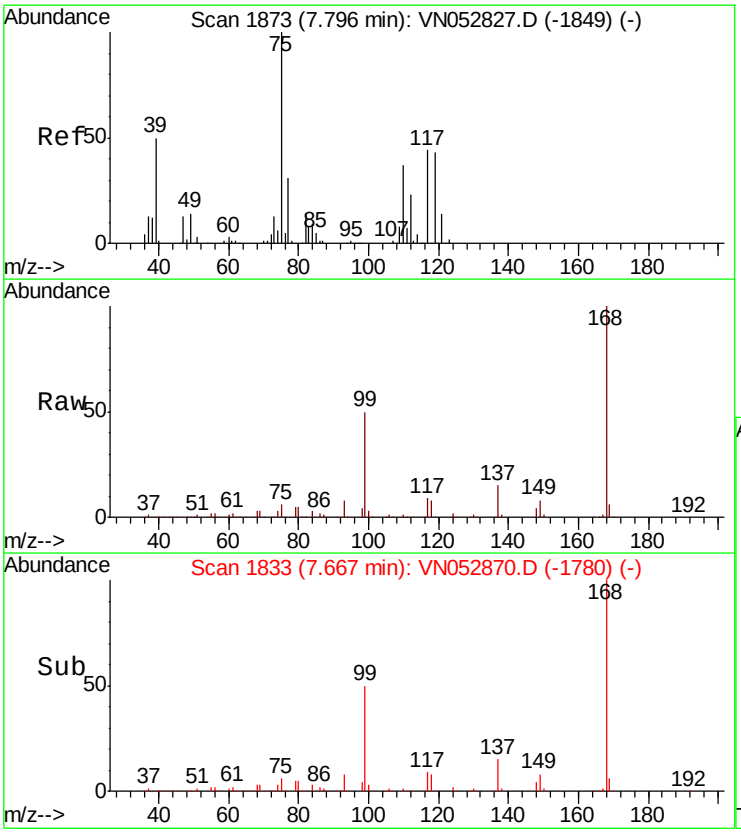
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion:113 Resp: 556307

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.2	17.5	26.3

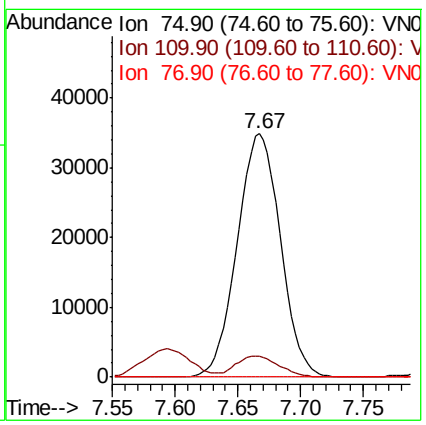


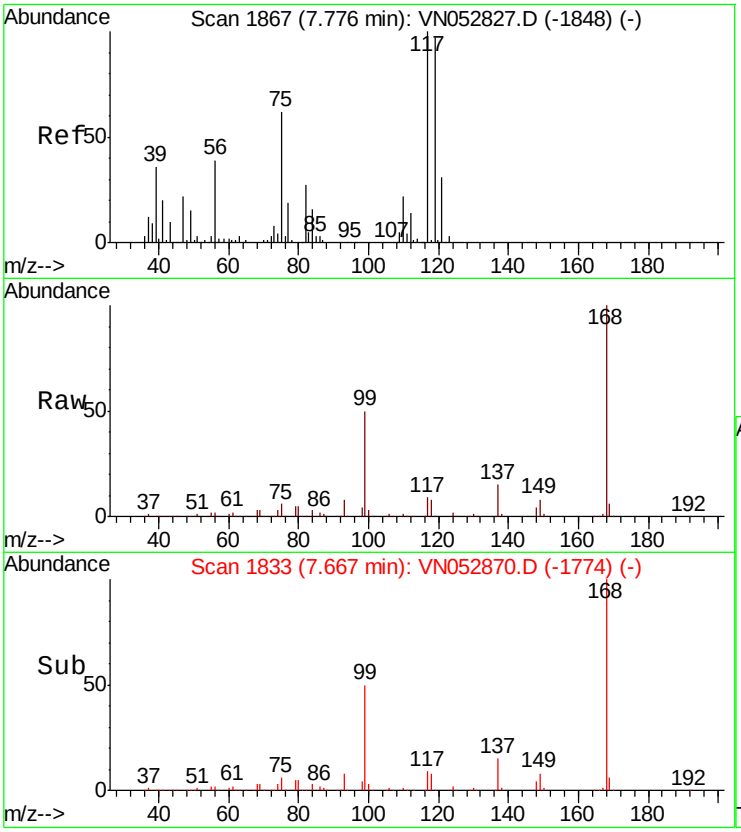


#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 75 Resp: 83505

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#



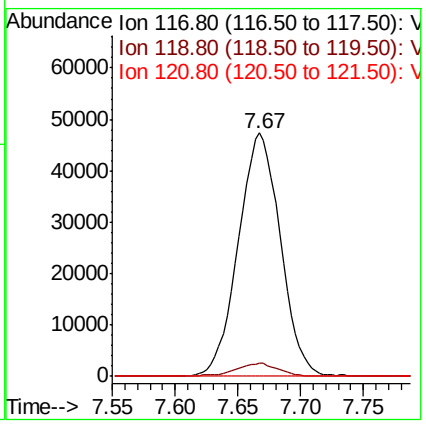


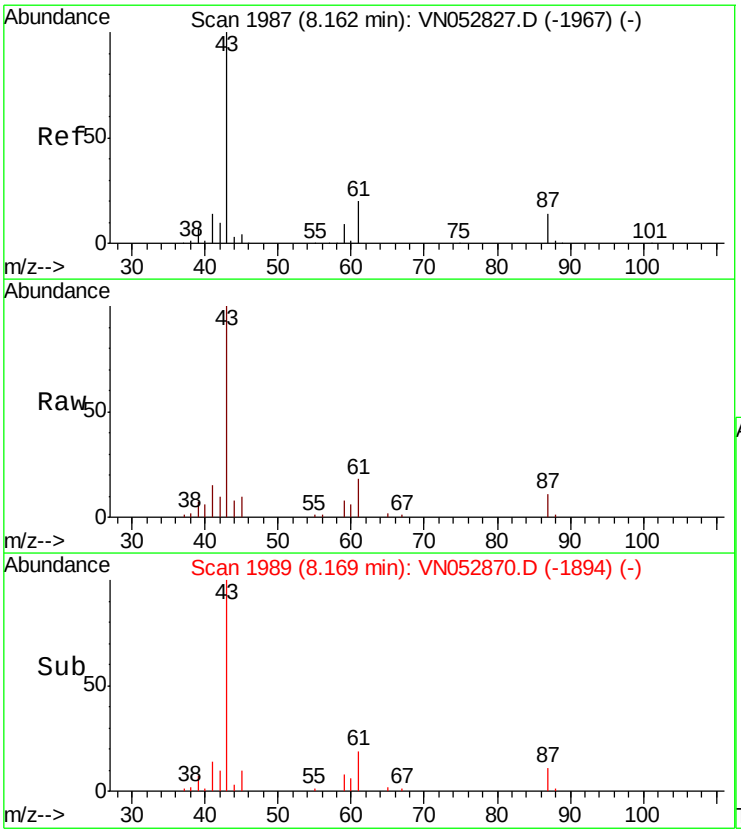
#38
Carbon Tetrachloride
Concen: 6.639 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion:117 Resp: 110239

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.1	115.7#
121	0.0	24.9	37.3#

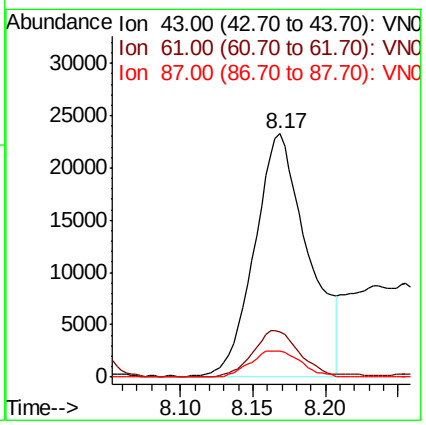


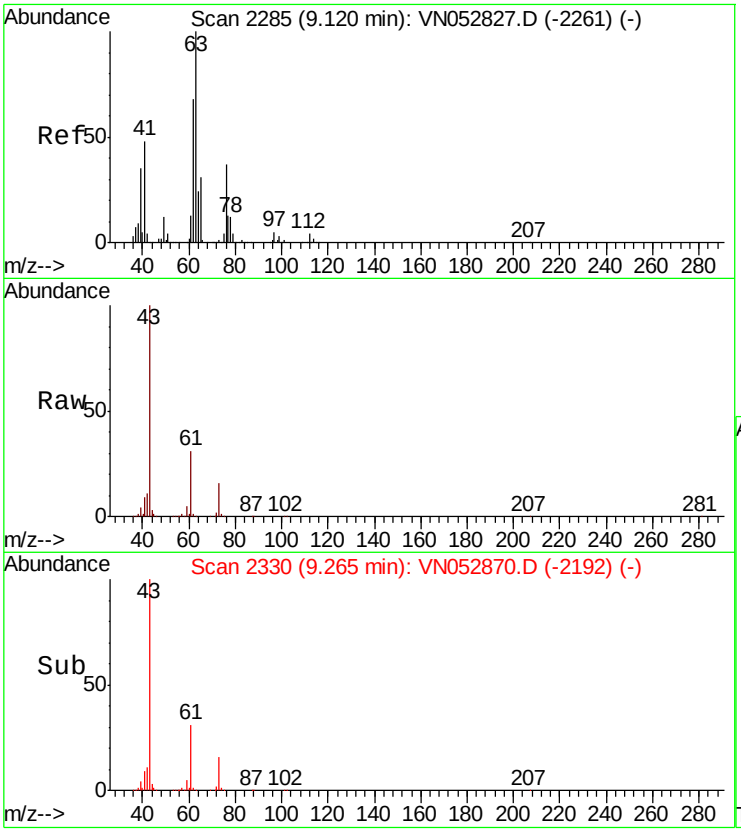


#43
Isopropyl Acetate
Concen: 2.694 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 59851

Ion	Ratio	Lower	Upper
43	100		
61	17.3	22.9	34.3#
87	10.0	10.6	15.8#



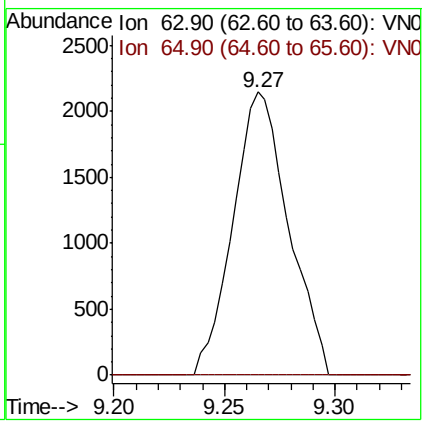


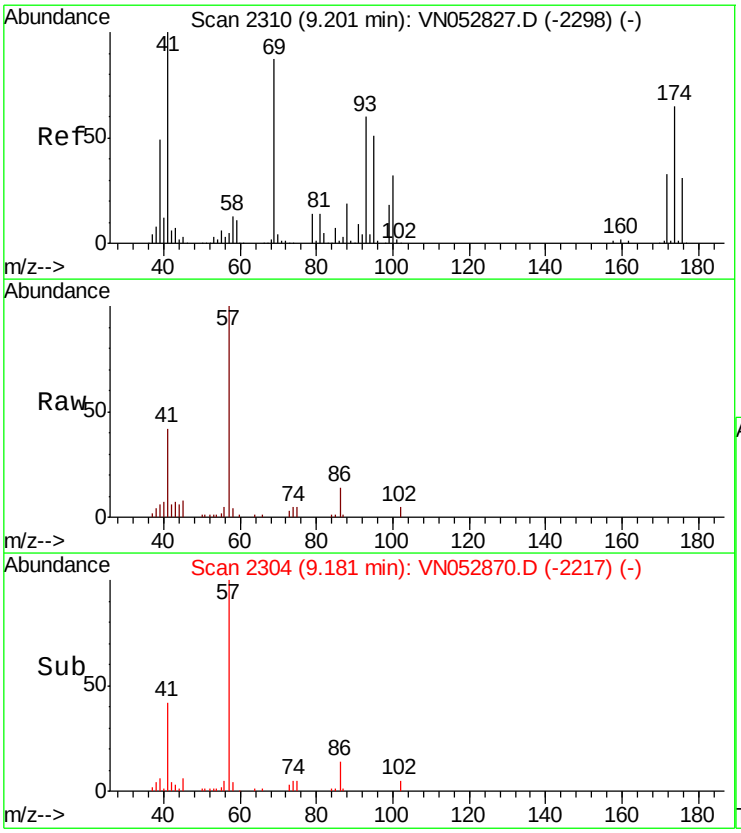
#45
1,2-Dichloropropane
Concen: 0.265 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 63 Resp: 3758

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

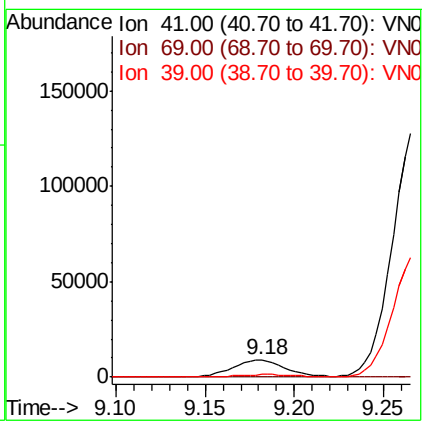


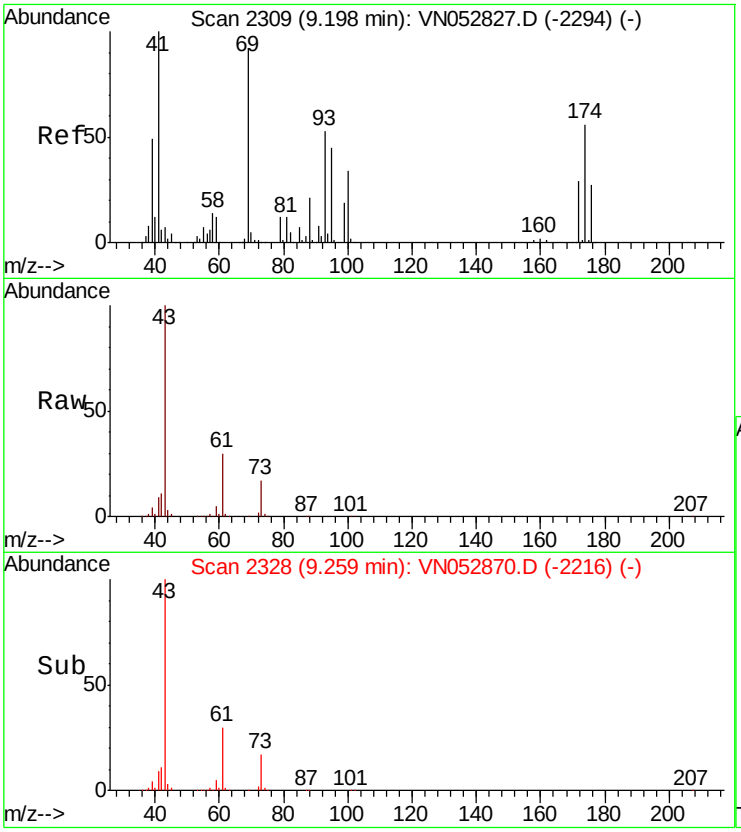


#48
Methyl methacrylate
Concen: 1.827 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 41 Resp: 17798

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	0.0	41.9	62.9#



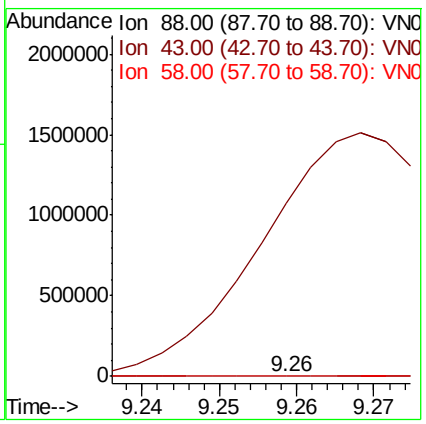


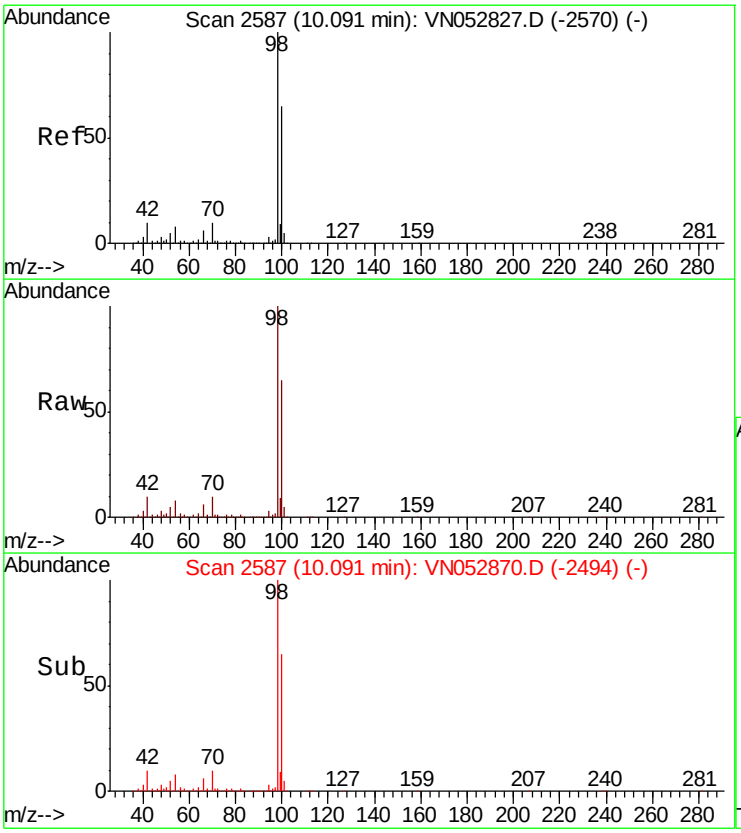
#49
1,4-Dioxane
Concen: 1.854 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument : MSVOA_N
ClientSampleId : PB115614ZHE#01

Tgt Ion: 88 Resp: 205

Ion	Ratio	Lower	Upper
88	100		
43	1337672.7	26.6	40.0#
58	5917.6	58.4	87.6#

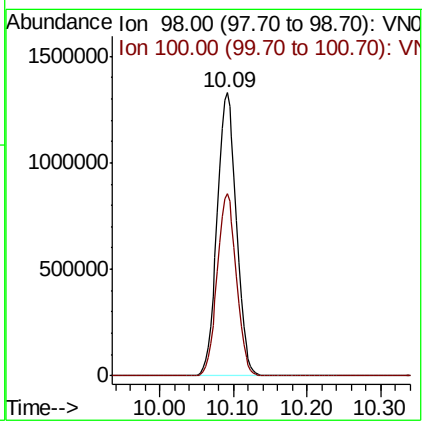


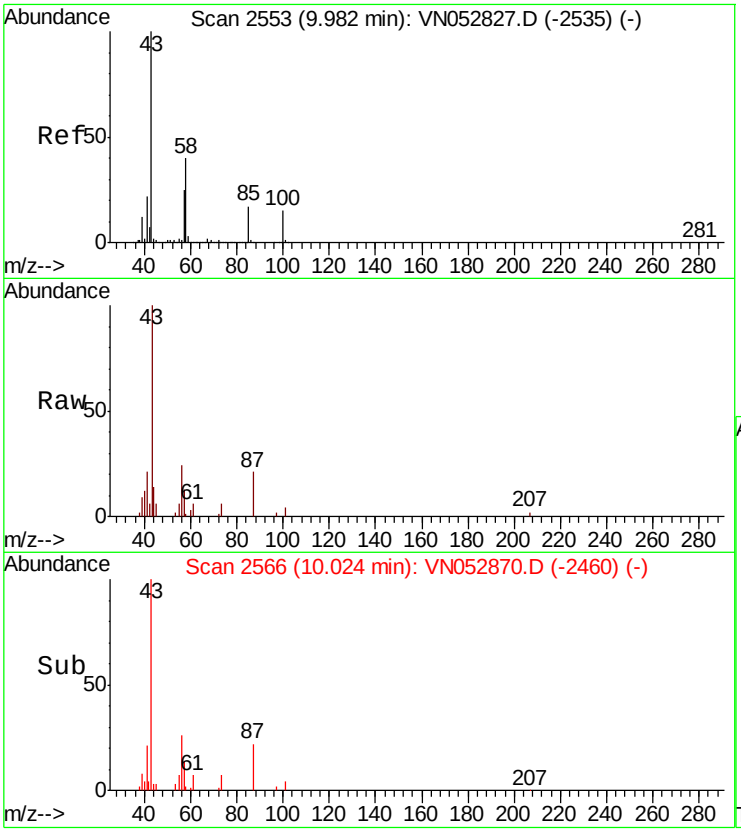


#50
Toluene-d8
Concen: 1.854 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 98 Resp: 2407096

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4



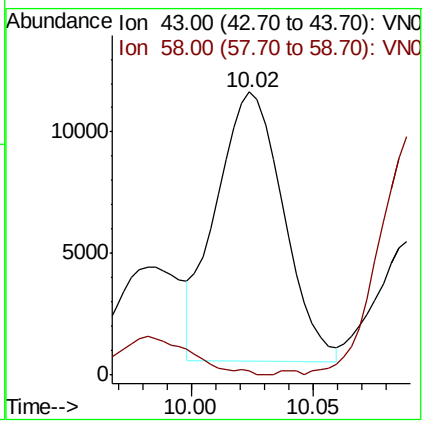


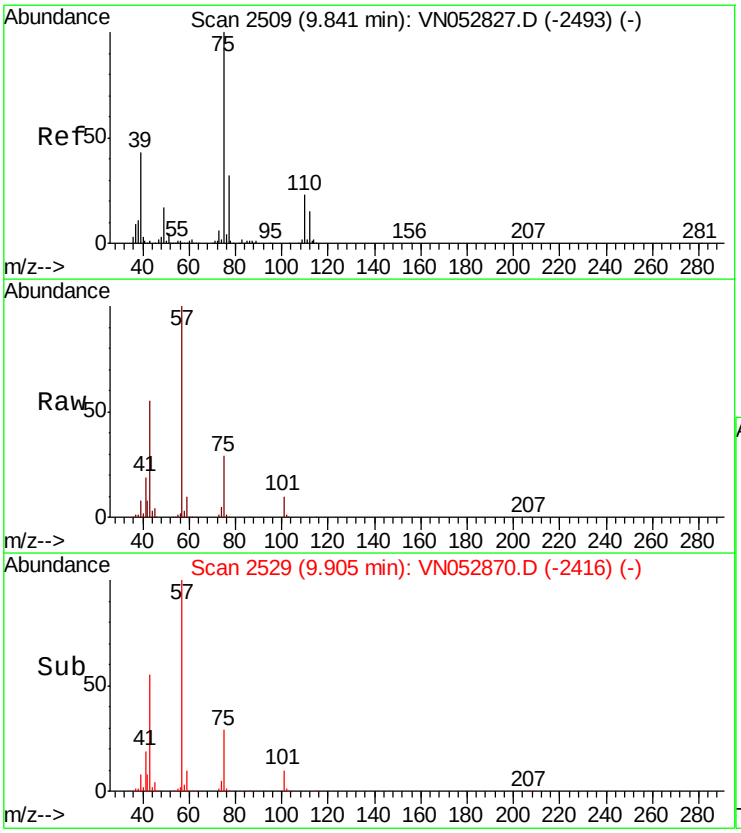
#51
4-Methyl-2-Pentanone
Concen: 2.083 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 43 Resp: 21226

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

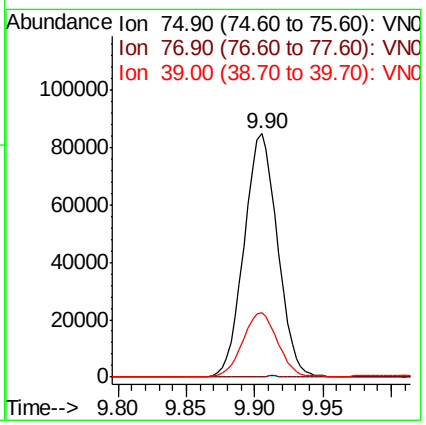


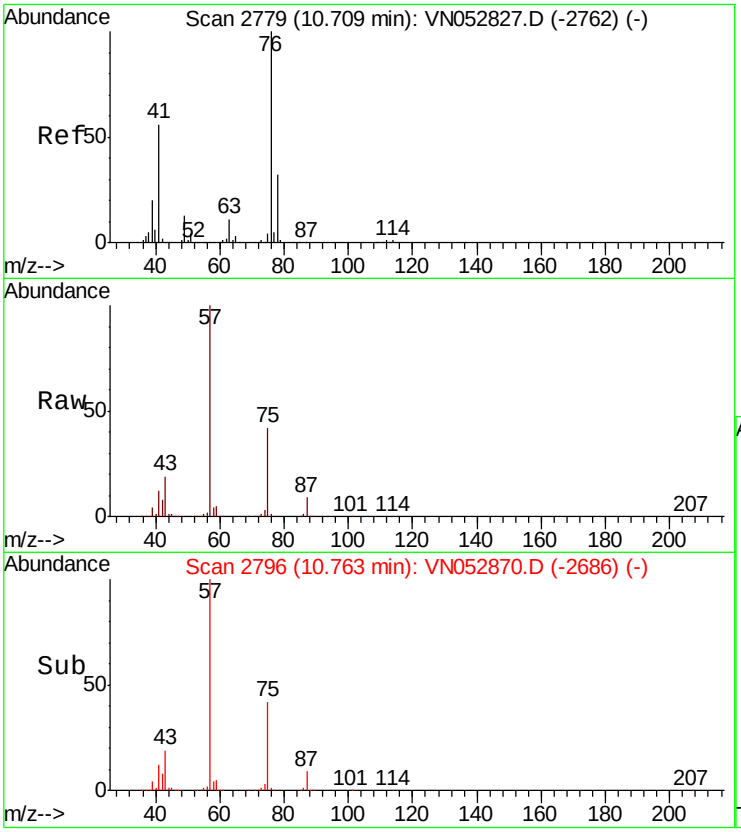


#54
cis-1,3-Dichloropropene
Concen: 7.086 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 75 Resp: 144907

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.8#
39	26.1	34.8	52.2#



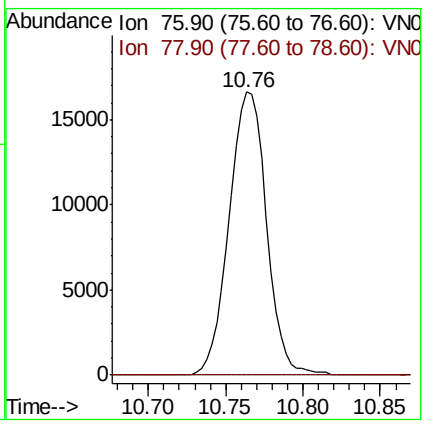


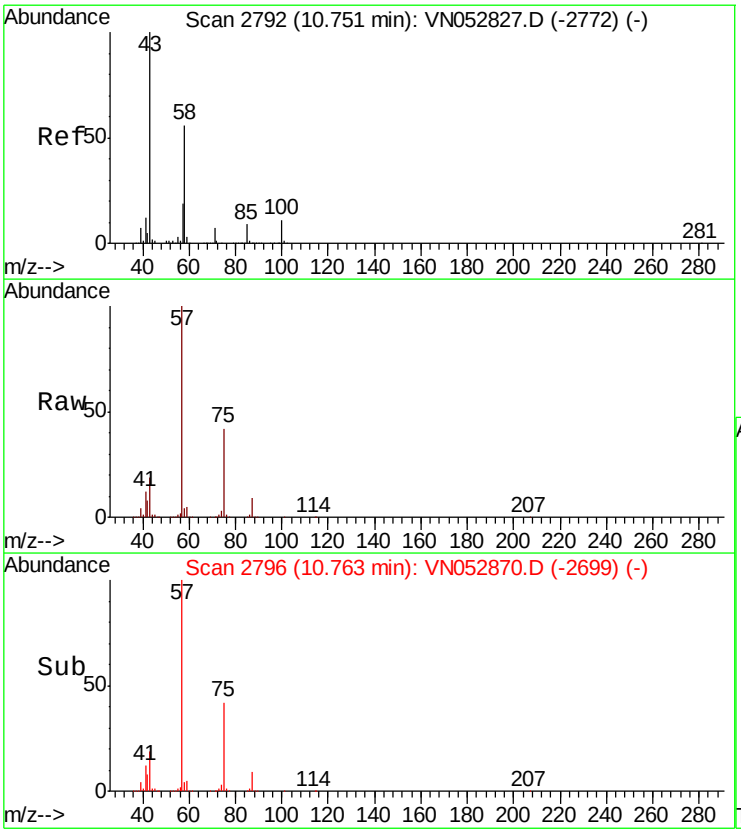
#57
1,3-Dichloropropane
Concen: 1.391 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 76 Resp: 27915

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

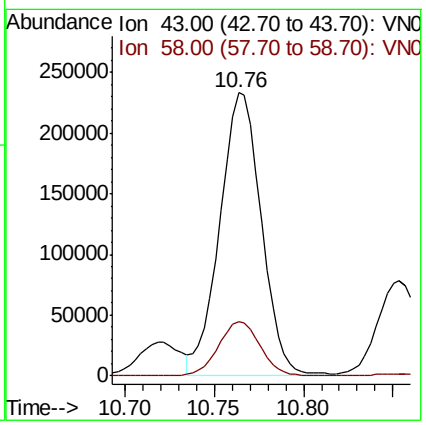


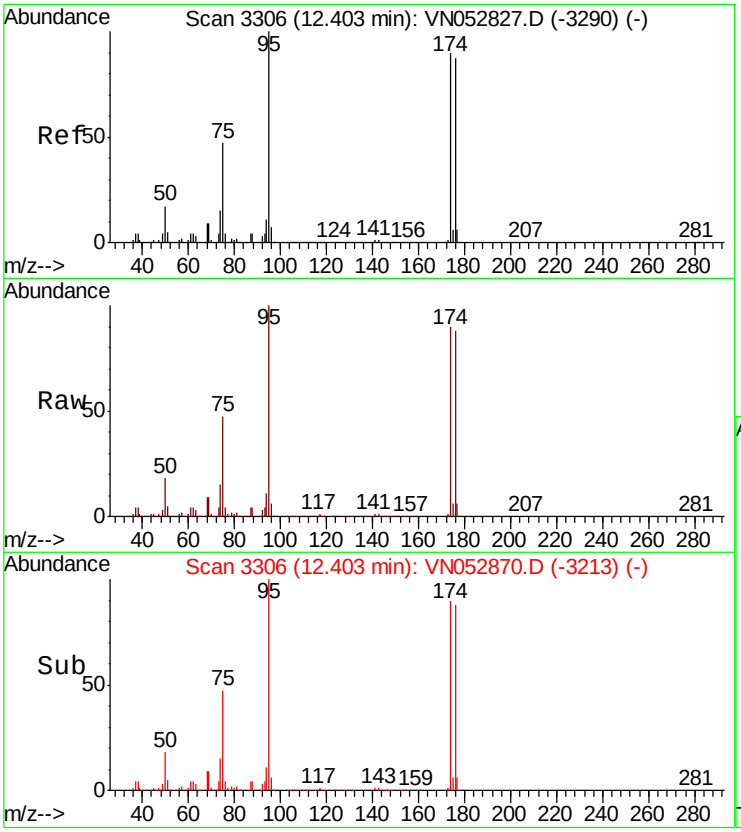


#59
2-Hexanone
Concen: 53.753 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 43 Resp: 375298

Ion	Ratio	Lower	Upper
43	100		
58	19.3	28.1	84.3#



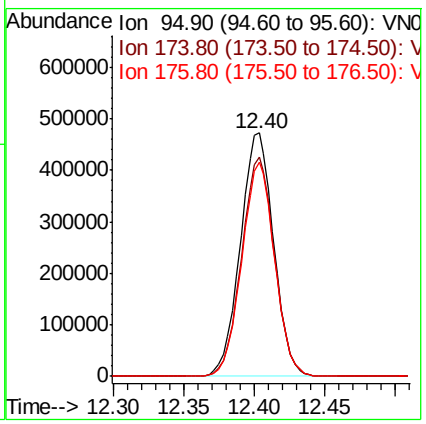


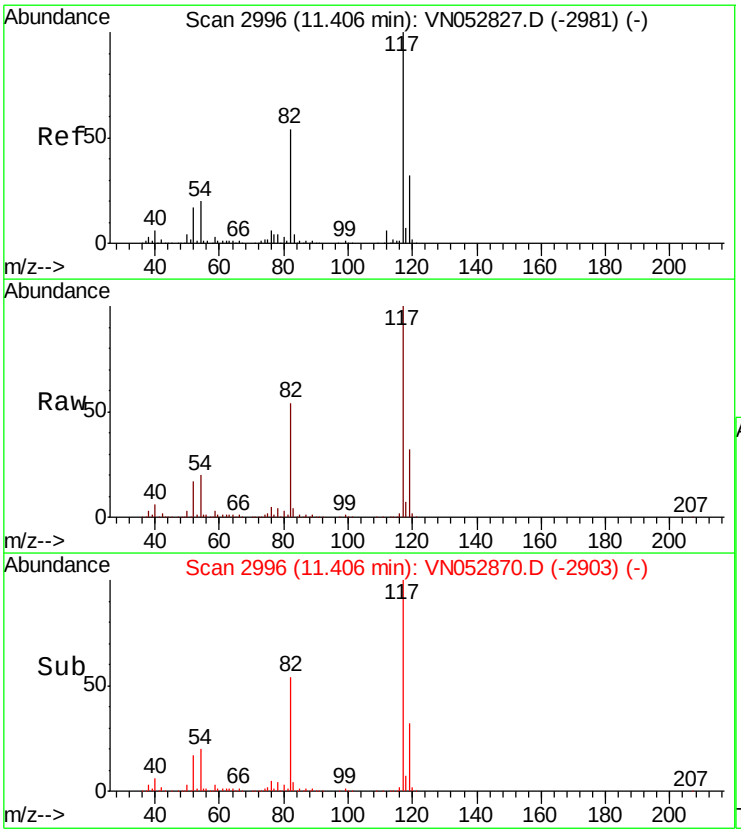
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion: 95 Resp: 782496

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	178.8
176	86.7	0.0	173.8

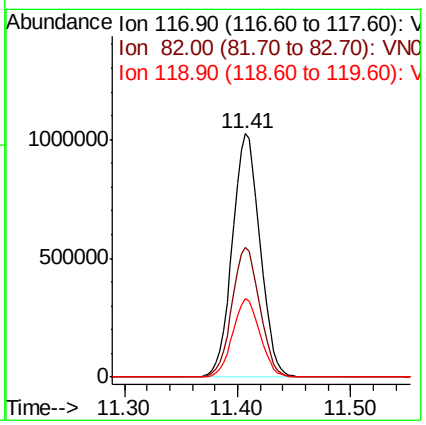


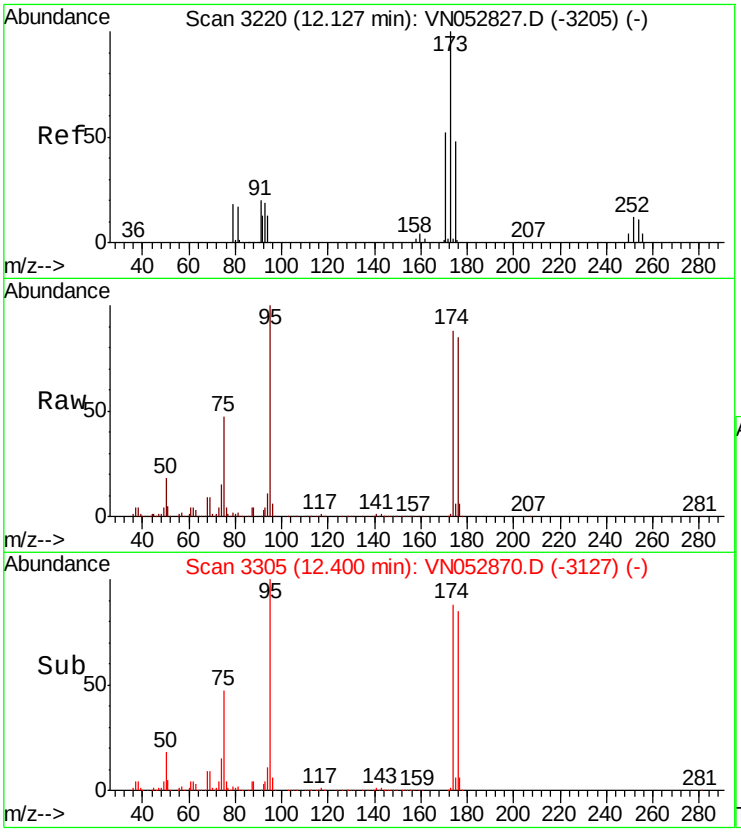


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion:117 Resp: 1746276

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.8	64.2
119	32.0	25.5	38.3



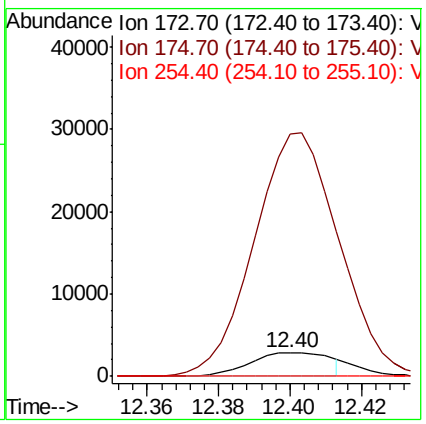


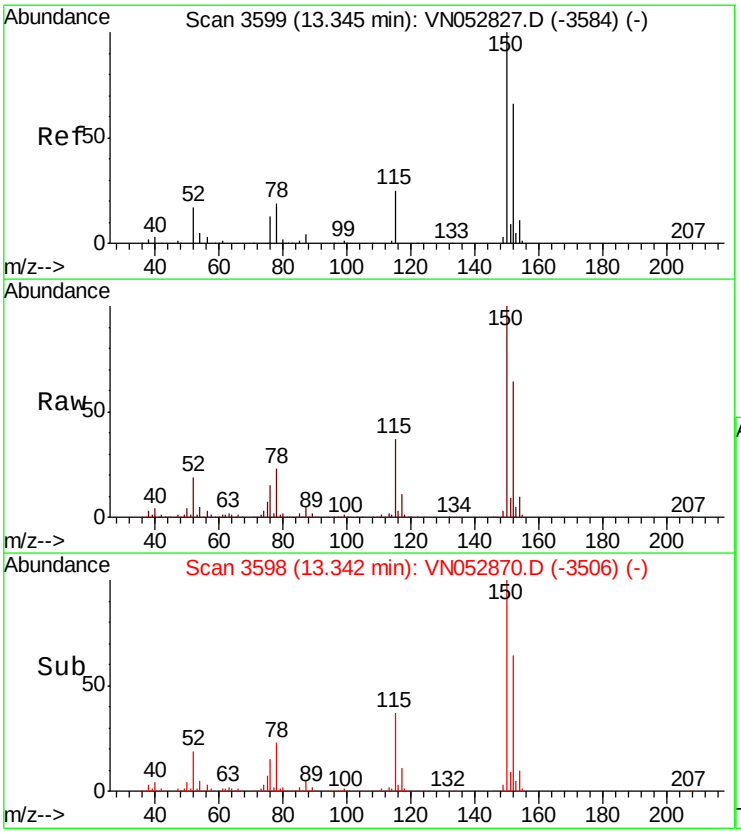
#71
Bromoform
Concen: 0.524 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion:173 Resp: 4483

Ion	Ratio	Lower	Upper
173	100		
175	945.6	24.3	72.9#
254	0.0	0.1	0.1#

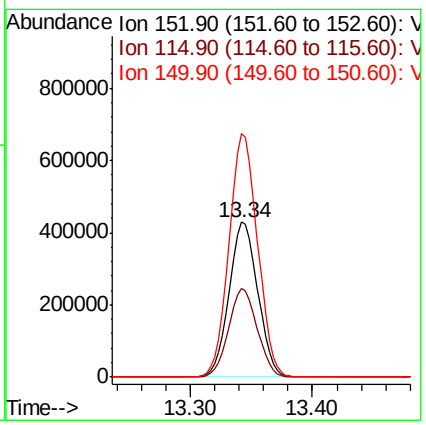


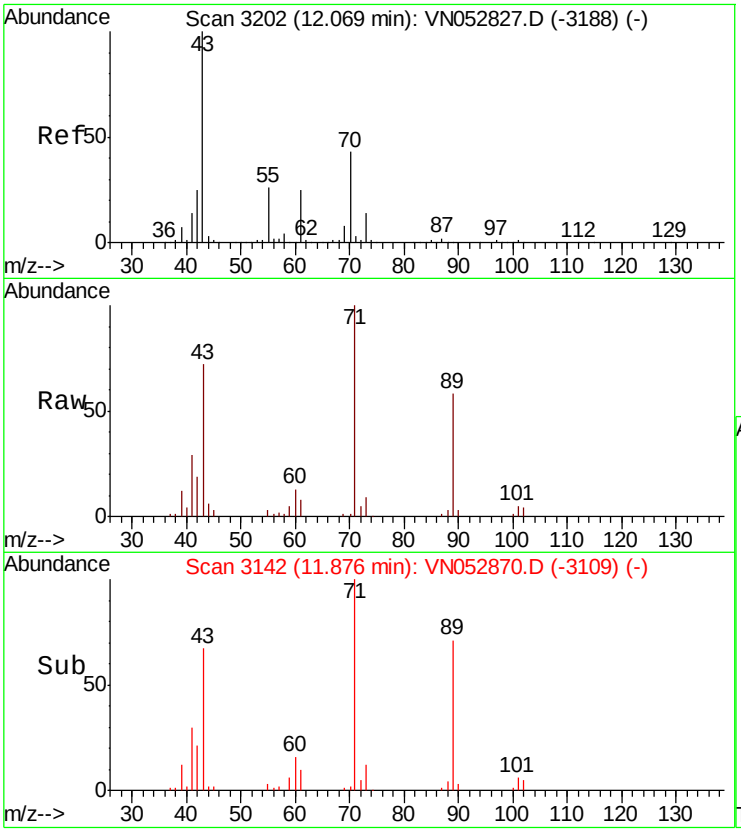


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion:152 Resp: 702949

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.3	85.0
150	156.3	0.0	347.8



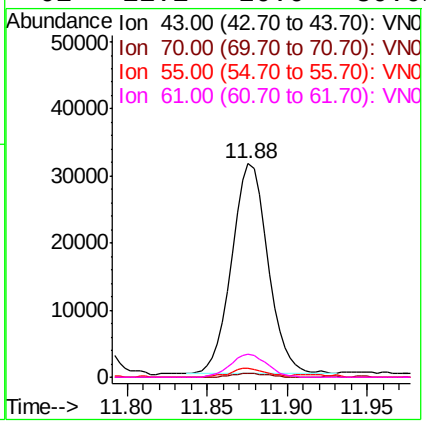


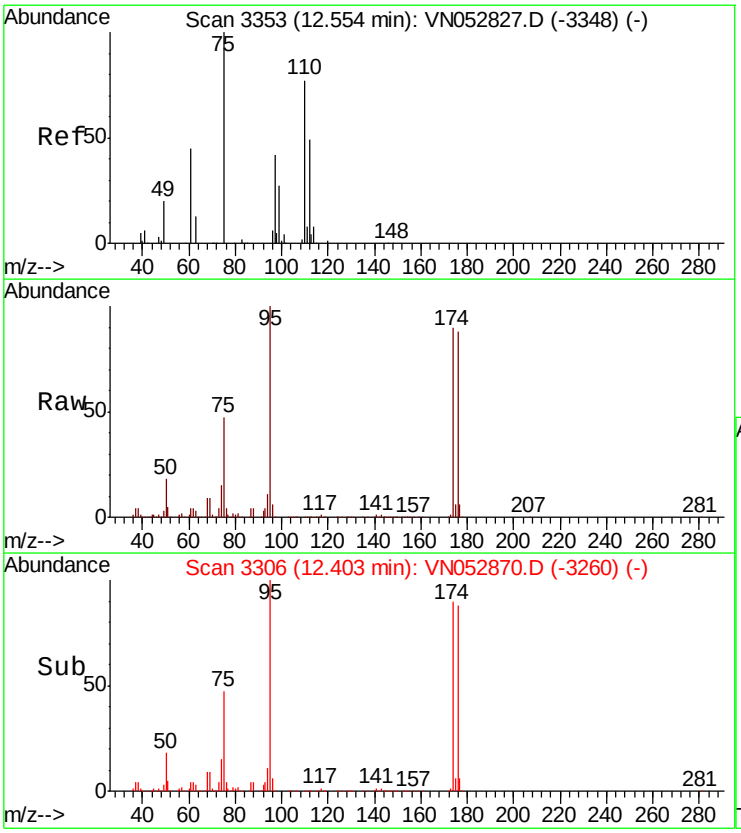
#74
N-amyl acetate
Concen: 3.335 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument : MSVOA_N
ClientSampleId : PB115614ZHE#01

Tgt Ion: 43 Resp: 48059

Ion	Ratio	Lower	Upper
43	100		
70	1.7	34.2	51.4#
55	4.2	20.3	30.5#
61	11.1	20.0	30.0#

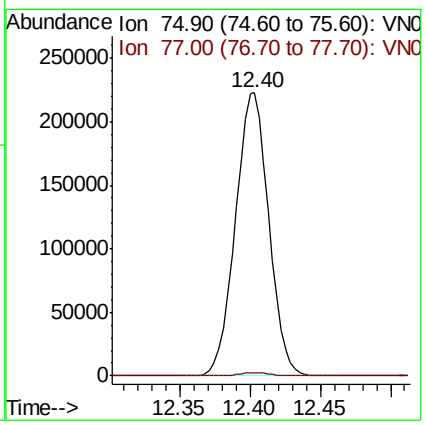


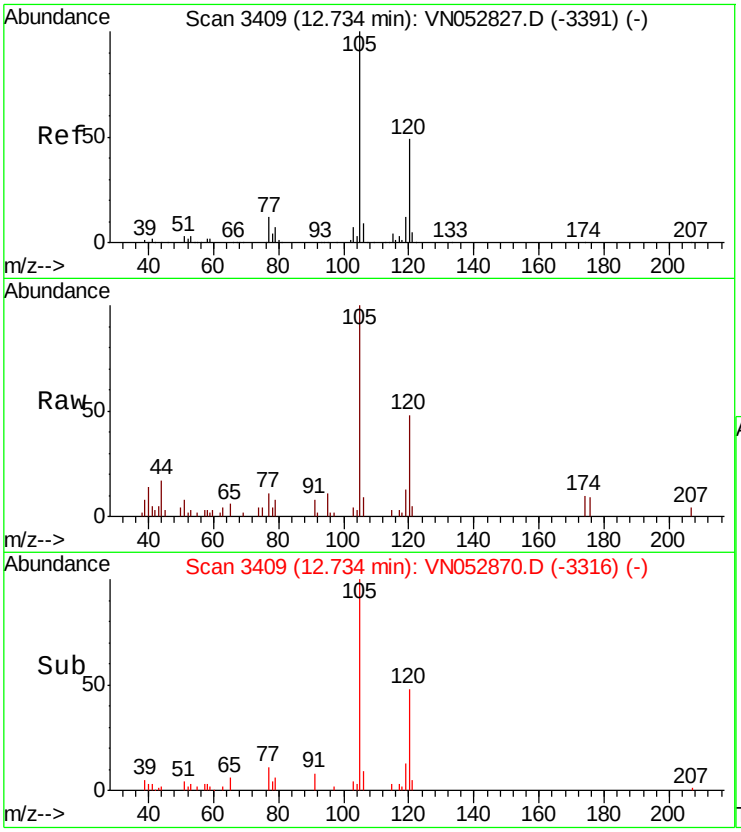


#76
1,2,3-Trichloropropane
Concen: 35.583 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 75 Resp: 369041

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



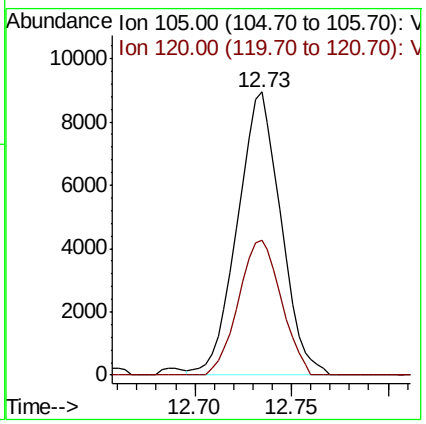


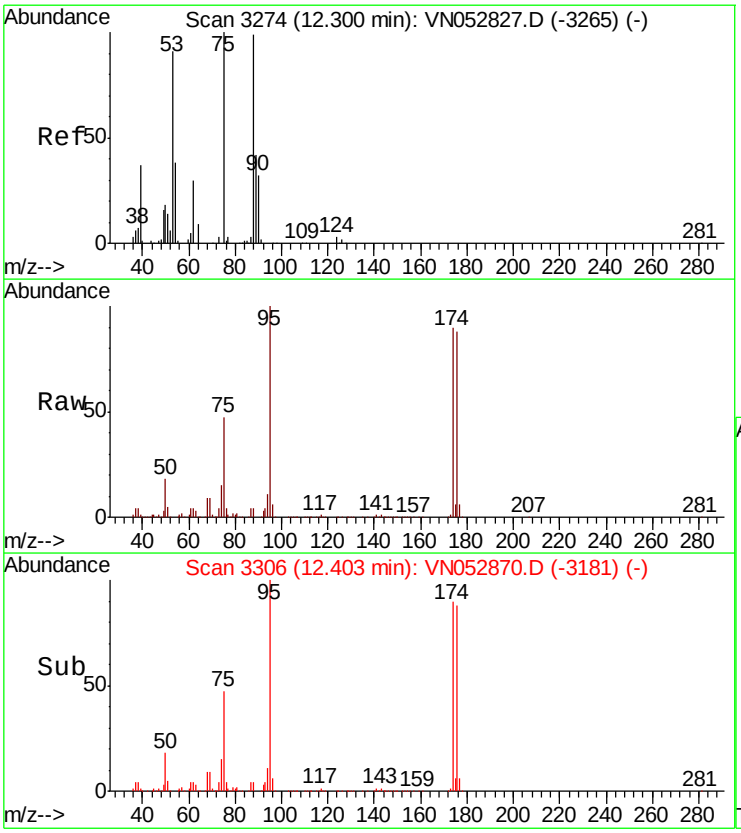
#80
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Instrument :
MSVOA_N
ClientSampleId :
PB115614ZHE#01

Tgt Ion:105 Resp: 13989

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 114.310 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052870.D
Acq: 13 Dec 2018 17:48

Tgt Ion: 75 Resp: 369041

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#