Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101018\
Data File : VN051800.D
Acq On : 10 Oct 2018 19:03
Operator : MD\SY
Sample : PB113684ZHE#11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Quant Time: Oct 11 02:00:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	778440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1030732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456920	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.86%			
35) Dibromofluoromethane	7.59	113	416181	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.98%			
50) Toluene-d8	10.09	98	1602254	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.06%			
62) 4-Bromofluorobenzene	12.40	95	475026	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.10	85	65	1.156	ug/l #	42
5) Bromomethane	2.57	94	2178	0.202	ug/l	84
13) Acrolein	3.62	56	98	Below Cal	#	45
16) Acetone	3.82	43	16336	Below Cal	#	88
18) Methyl Acetate	4.33	43	7130	1.256	ug/l #	39
20) Methylene Chloride	4.55	84	8832	1.044	ug/l #	85
25) 2-Butanone	6.85	43	1862	0.627	ug/l	90
29) Tetrahydrofuran	7.21	42	598	0.328	ug/l #	60
31) Cyclohexane	7.66	56	13637	0.977	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	49435	4.217	ug/l #	49
38) Carbon Tetrachloride	7.67	117	70288	4.997	ug/l #	15
41) Methacrylonitrile	7.18	41	275	Below Cal	#	38
43) Isopropyl Acetate	8.17	43	396005	31.064	ug/l #	92
48) Methyl methacrylate	9.18	41	6089	1.045	ug/l #	19
59) 2-Hexanone	10.77	43	18336	4.180	ug/l #	51
71) Bromoform	12.40	173	3808	0.501	ug/l #	1
74) N-amyl acetate	12.06	43	116	Below Cal	#	41
75) 1,1,2,2-Tetrachloroethane	12.40	83	433	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	248459	48.624	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	248459	111.317	ug/l #	14

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

Quantitation Report (Not Reviewed)

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ALS Vial : 25 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Quant Time: Oct 11 02:00:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
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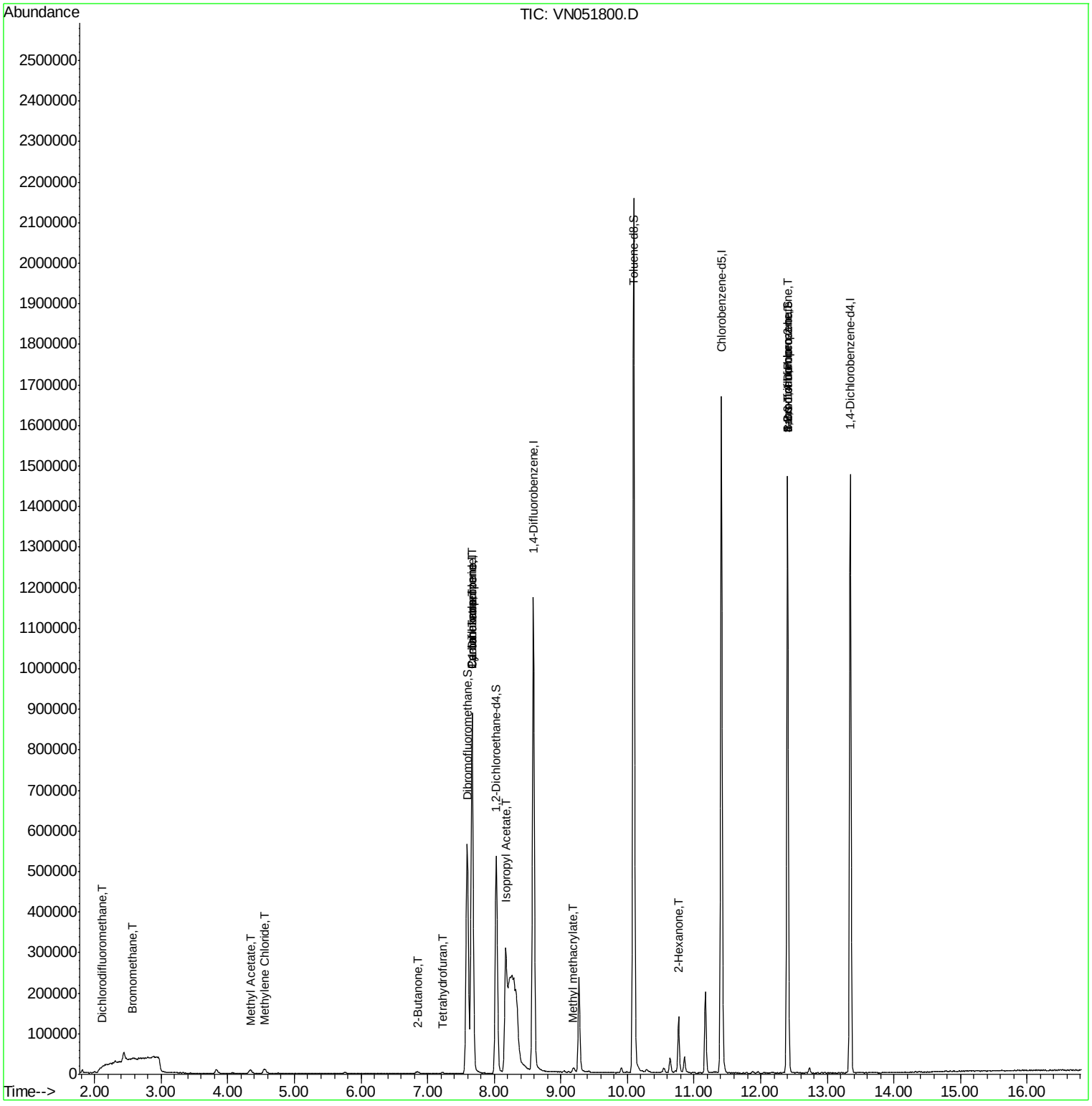
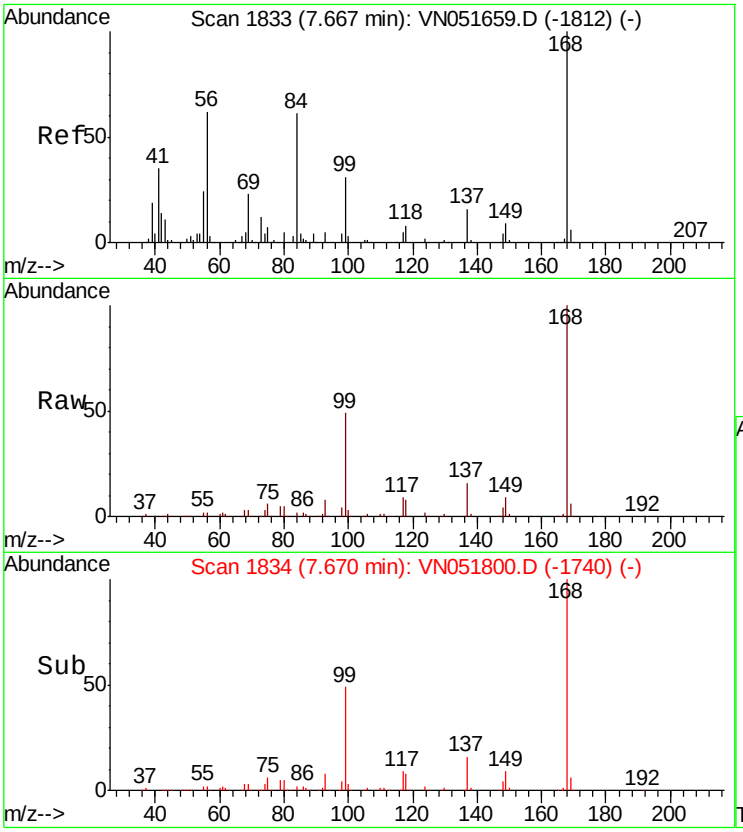


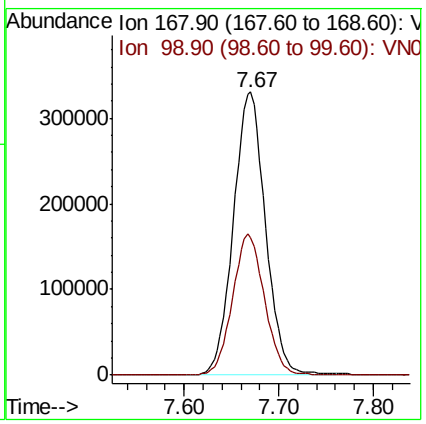


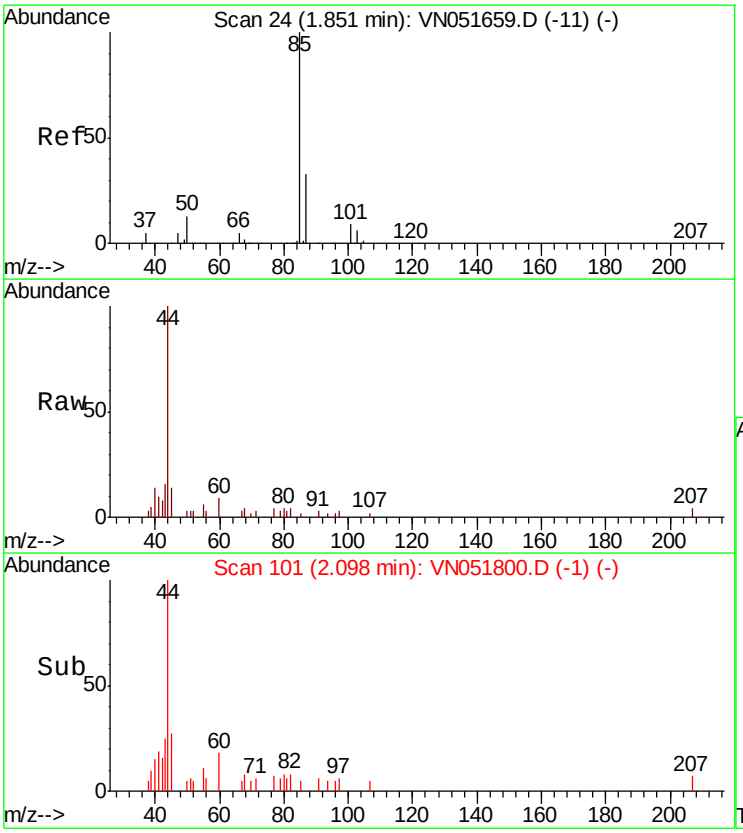
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion:168 Resp: 778440

Ion	Ratio	Lower	Upper
168	100		
99	48.7	40.4	60.6

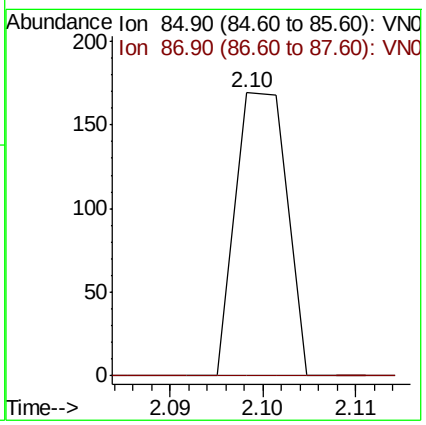


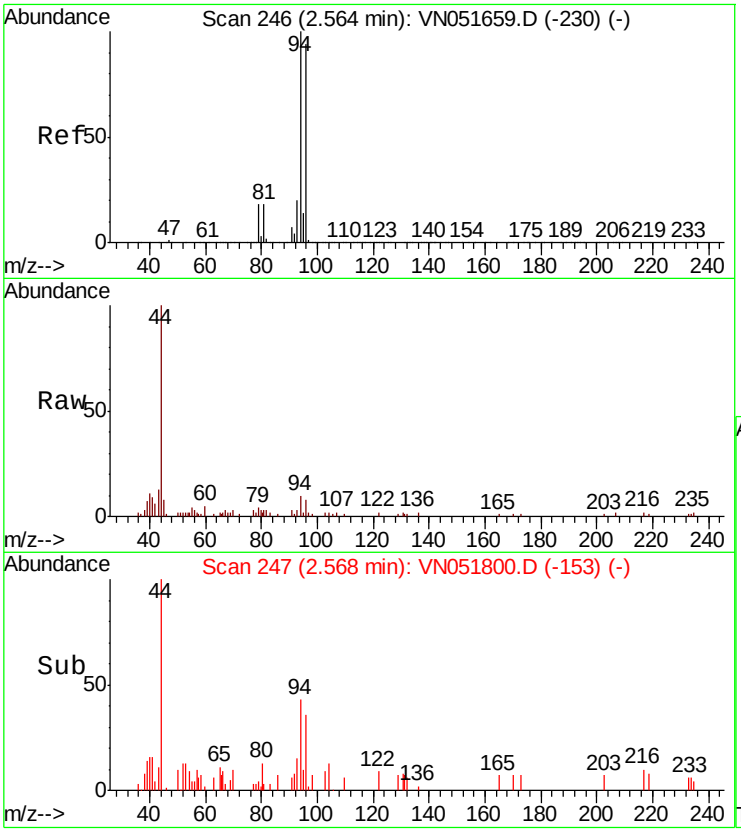


#2
Dichlorodifluoromethane
Concen: 1.156 ug/l
RT: 2.10 min Scan# 101
Delta R.T. 0.25 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 85 Resp: 65

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.4#



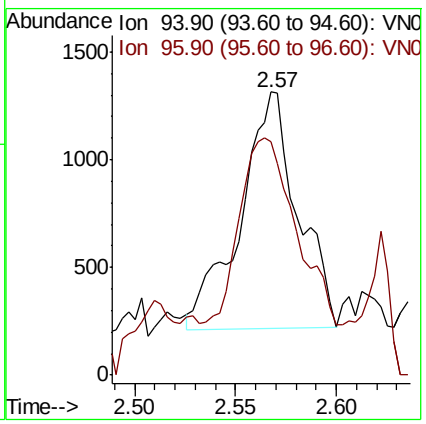


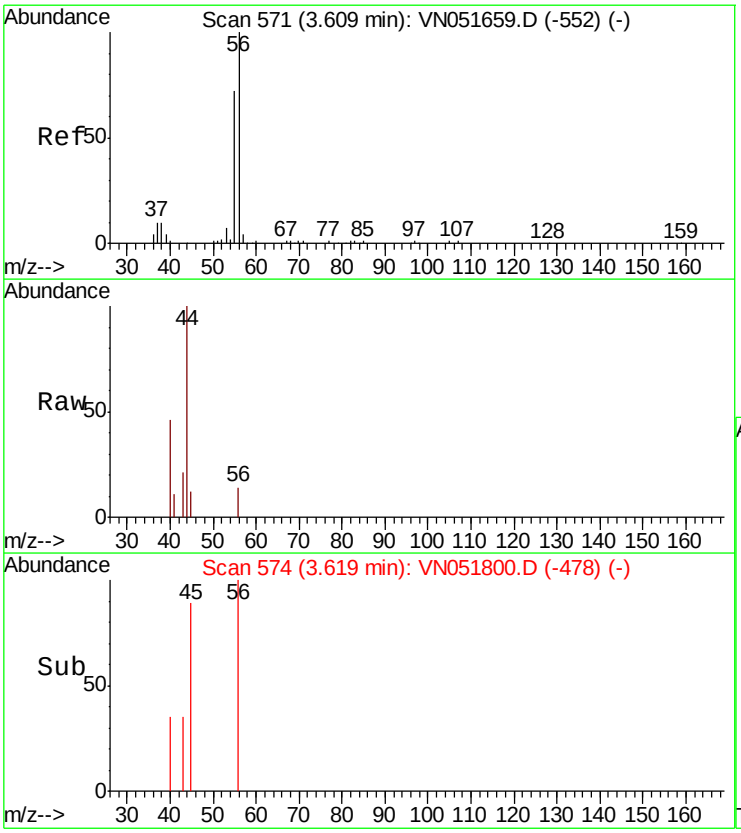
#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion: 94 Resp: 2178

Ion	Ratio	Lower	Upper
94	100		
96	78.3	75.2	112.8

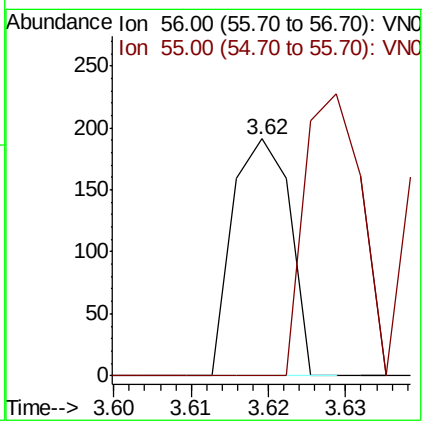


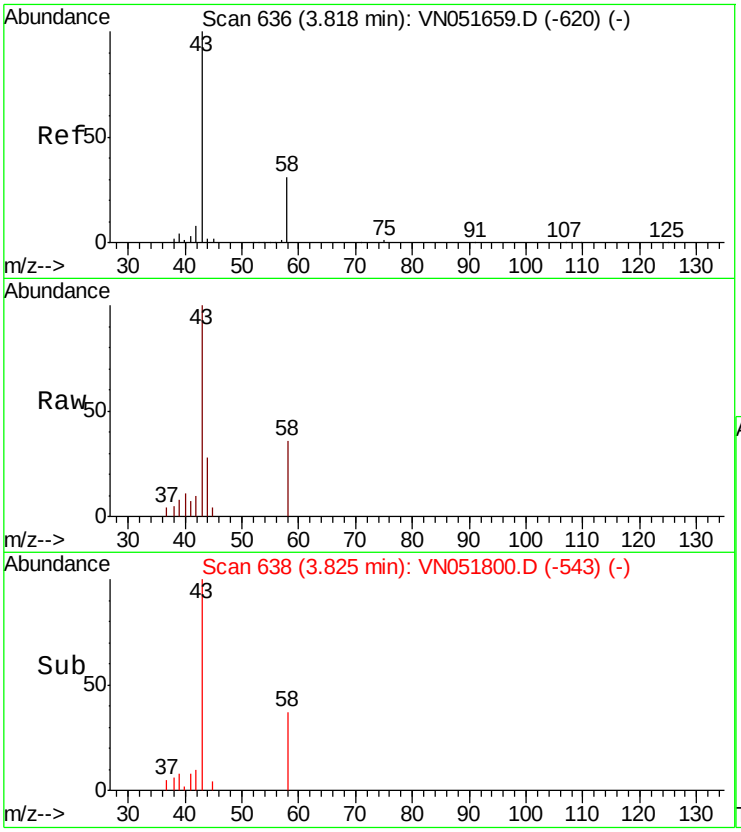


#13
Acrolein
Concen: Below Cal
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	117.3	57.5	86.3#



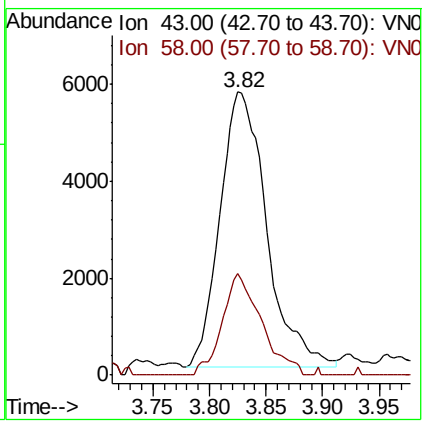


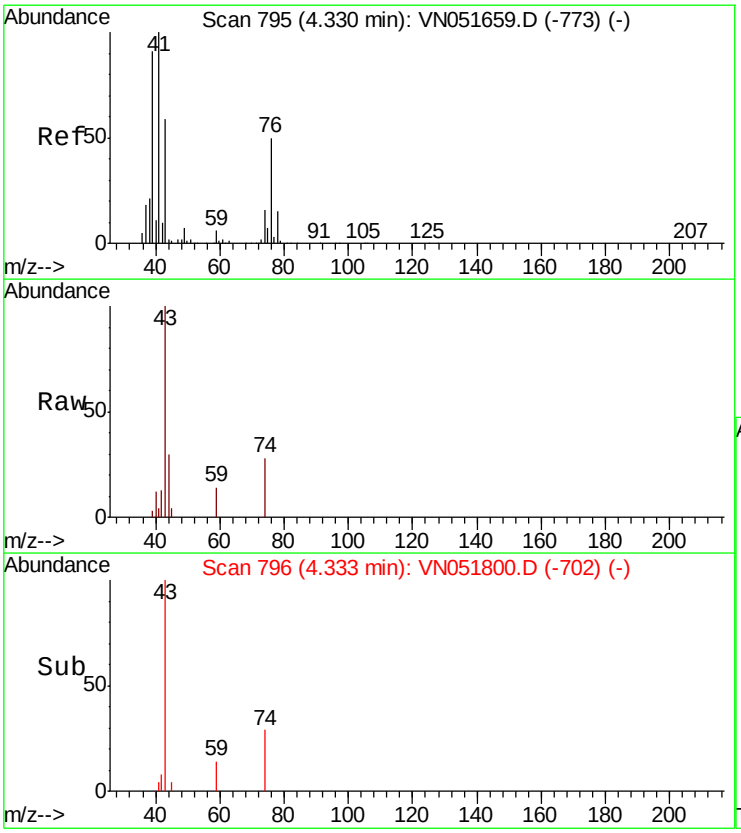
#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 43 Resp: 16336

Ion	Ratio	Lower	Upper
43	100		
58	36.8	24.3	36.5#

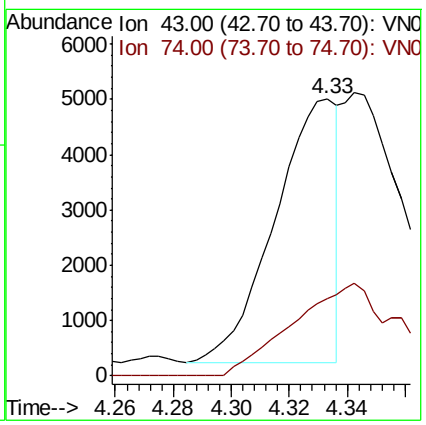


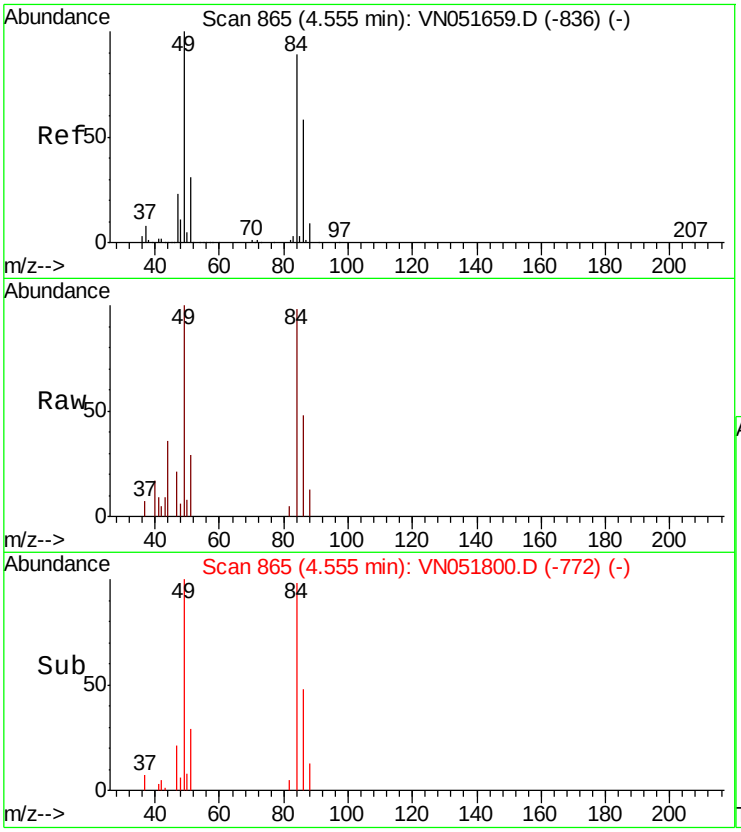


#18
Methyl Acetate
Concen: 1.256 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 43 Resp: 7130

Ion	Ratio	Lower	Upper
43	100		
74	58.5	21.5	32.3#



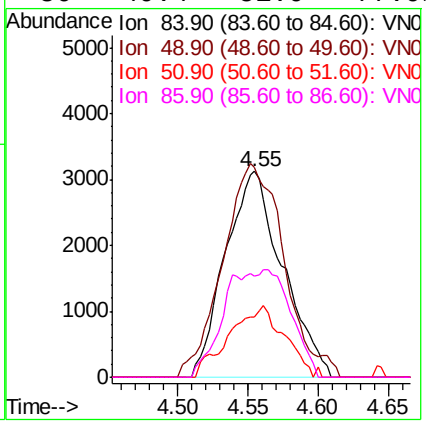


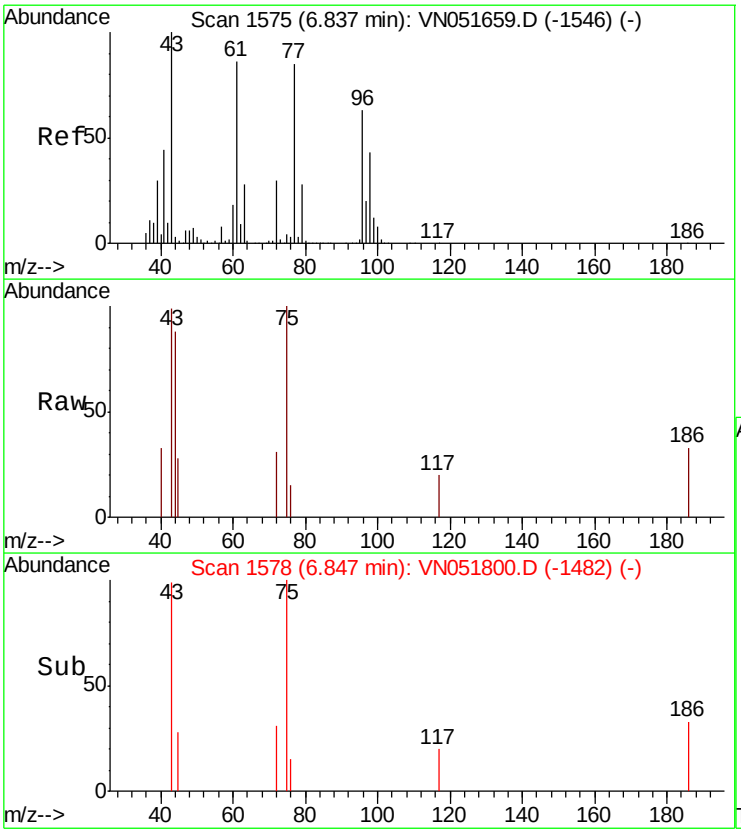
#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 84 Resp: 8832

Ion	Ratio	Lower	Upper
84	100		
49	97.3	89.5	134.3
51	29.3	27.4	41.0
86	49.4	51.9	77.9#

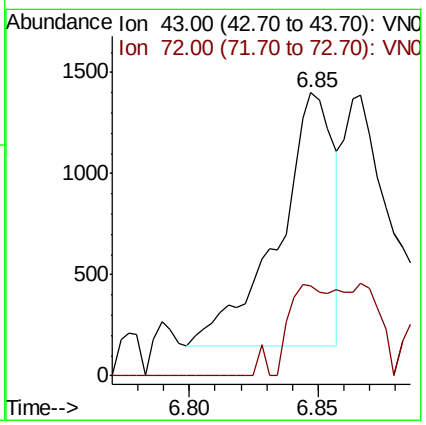


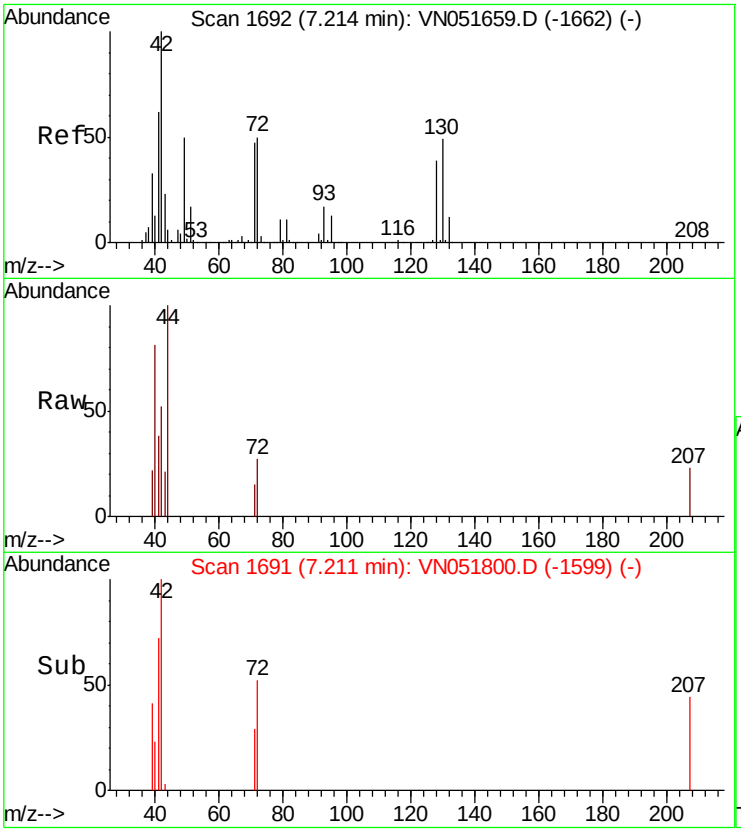


#25
2-Butanone
Concen: 0.627 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 43 Resp: 1862

Ion	Ratio	Lower	Upper
43	100		
72	35.5	24.2	36.2



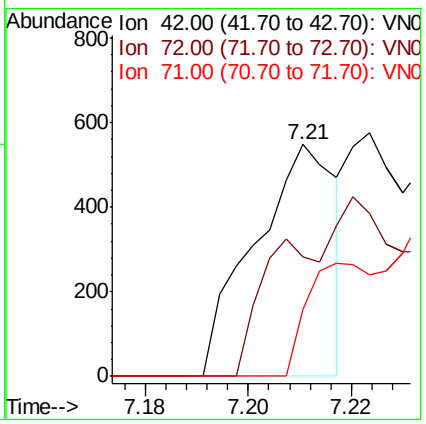


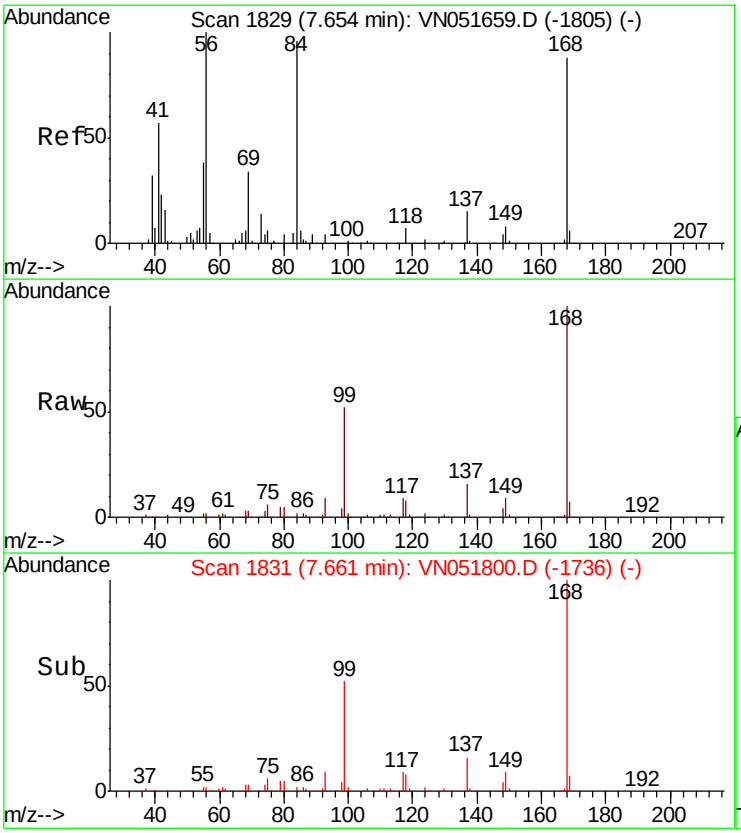
#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 42 Resp: 598

Ion	Ratio	Lower	Upper
42	100		
72	42.8	40.1	60.1
71	0.0	38.0	57.0#

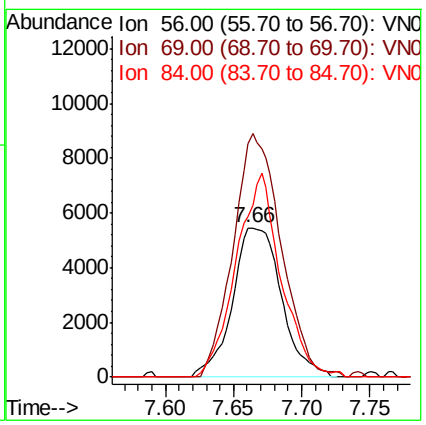


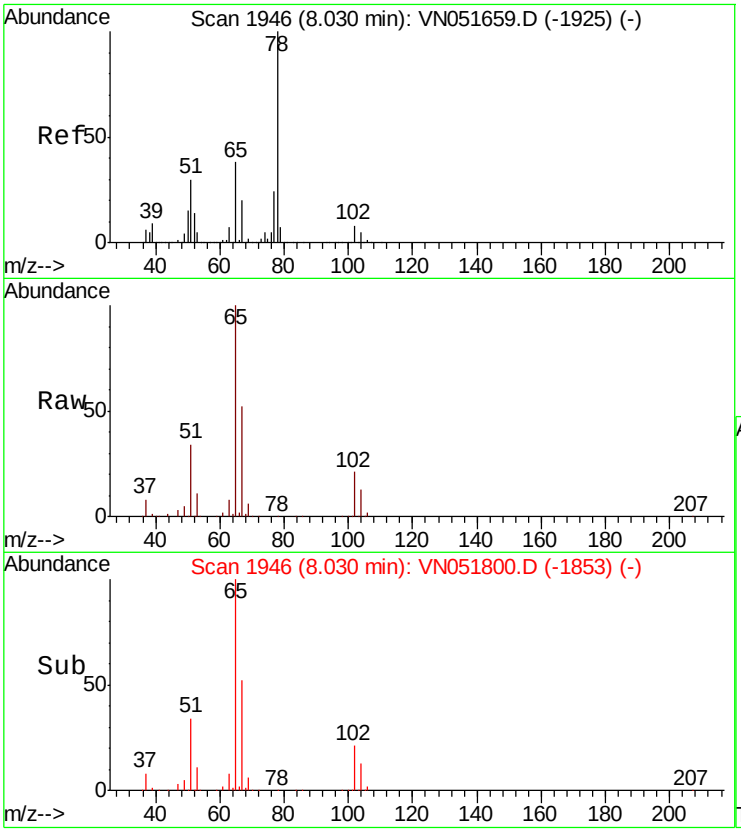


#31
Cyclohexane
Concen: 0.977 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 56 Resp: 13637

Ion	Ratio	Lower	Upper
56	100		
69	156.1	27.5	41.3#
84	107.5	76.7	115.1



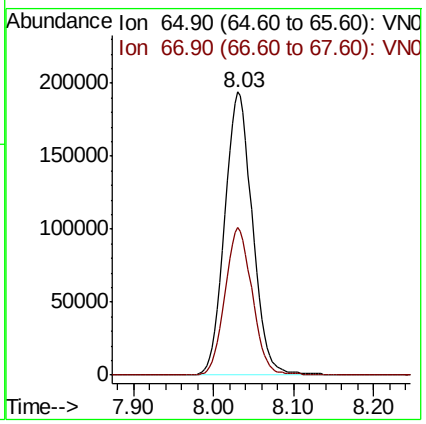


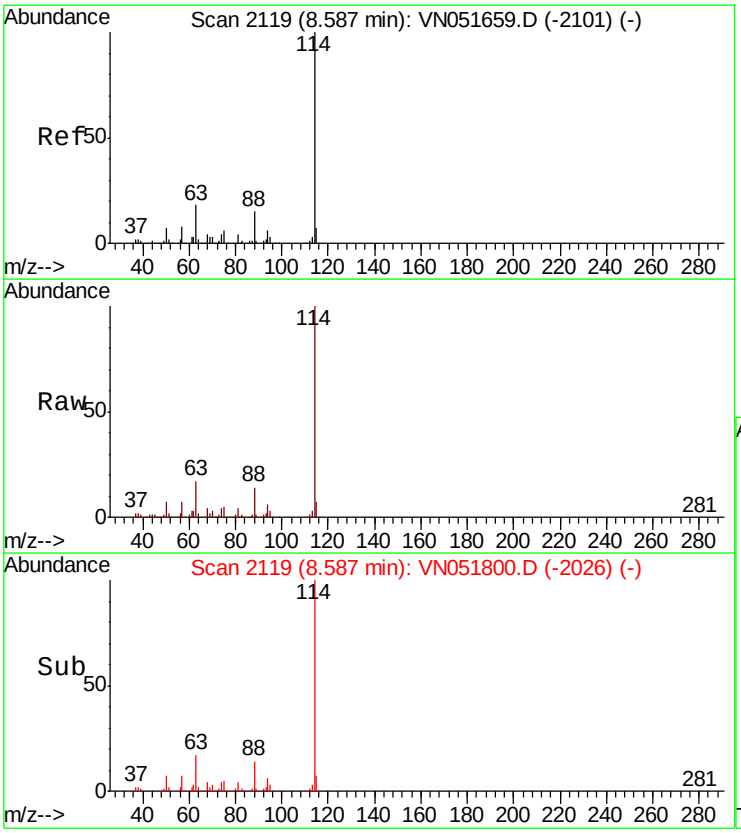
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 65 Resp: 456920

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.6

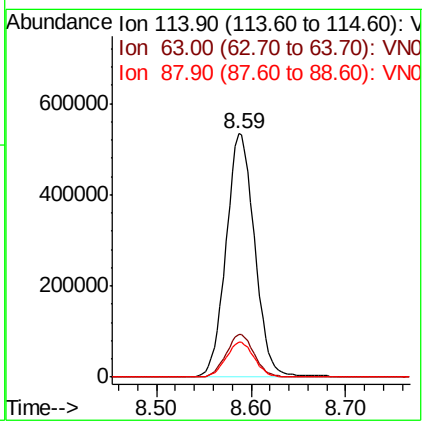


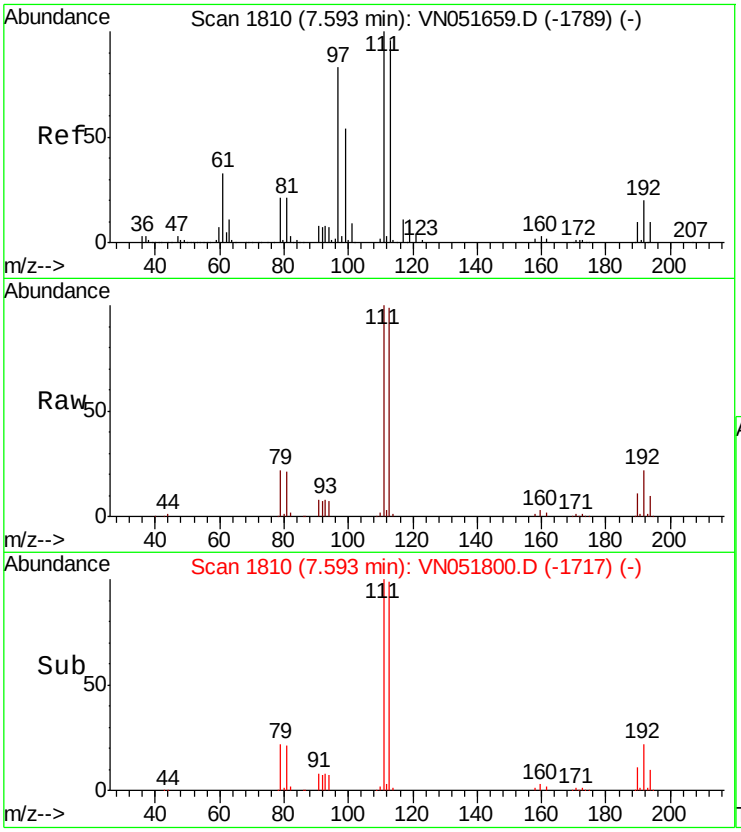


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion:114 Resp: 1121594

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.2
88	14.3	0.0	30.2



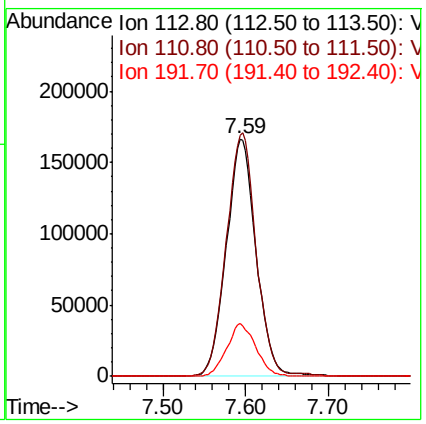


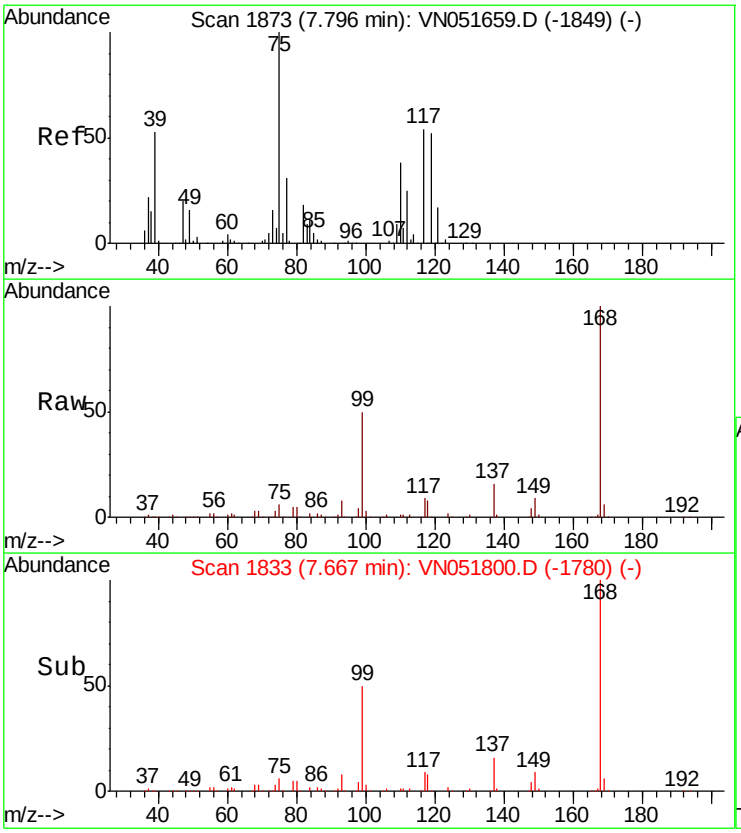
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion:113 Resp: 416181

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	21.7	16.5	24.7

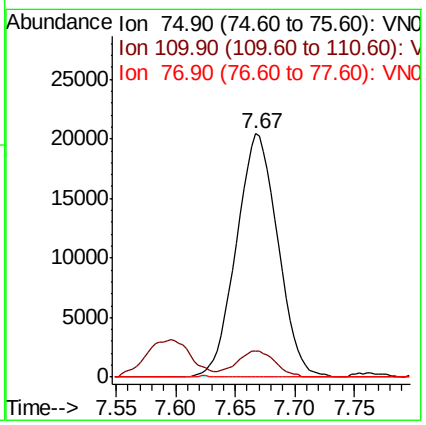


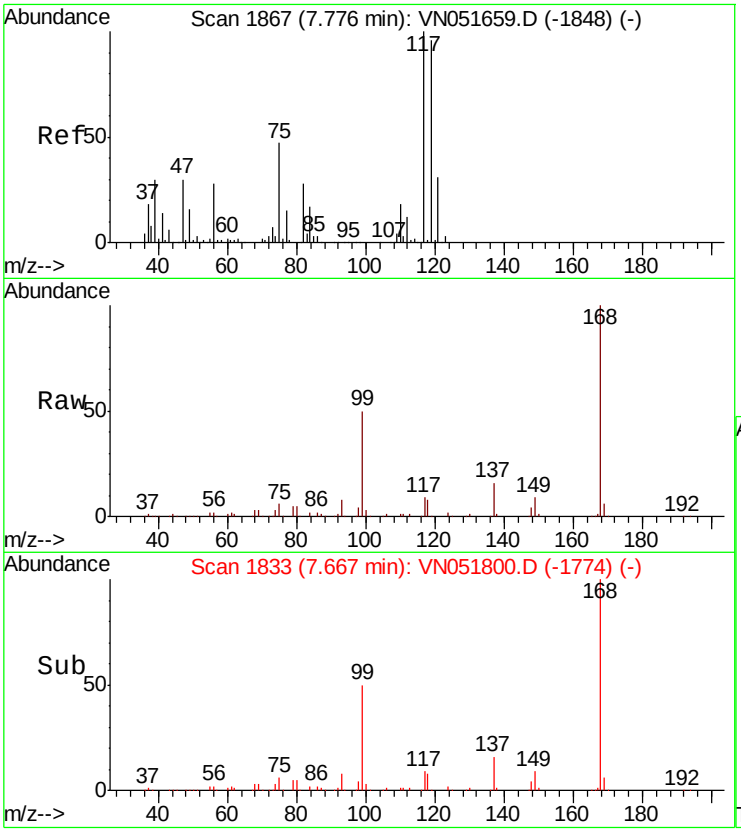


#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 75 Resp: 49435

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.3	57.8#
77	0.0	24.7	37.1#



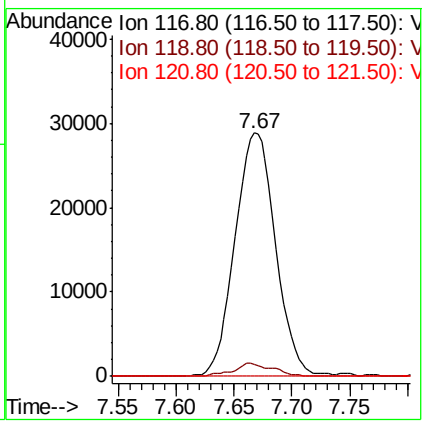


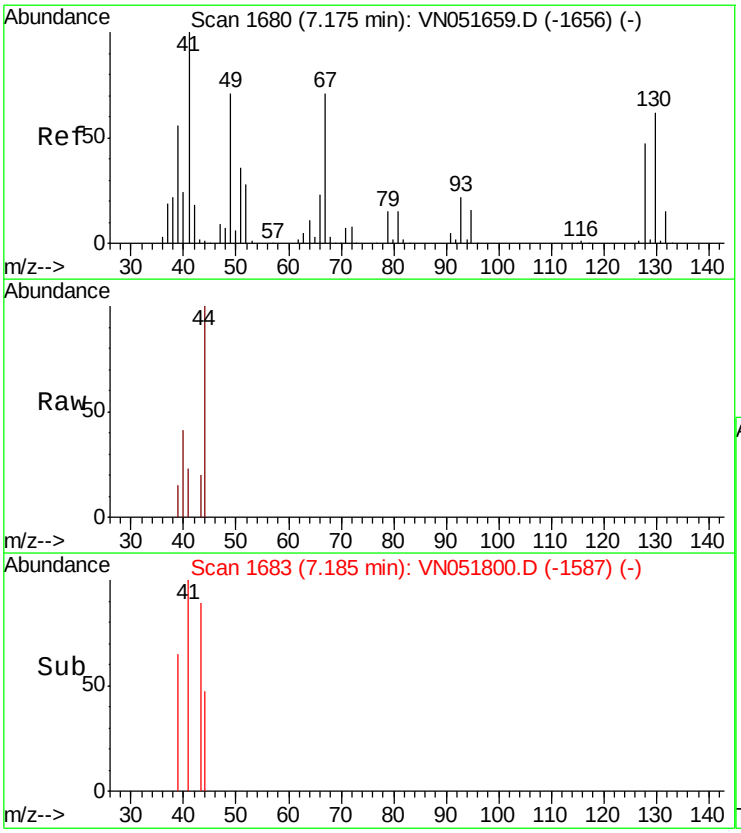
#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion:117 Resp: 70288

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.0	115.6#
121	0.0	25.0	37.6#

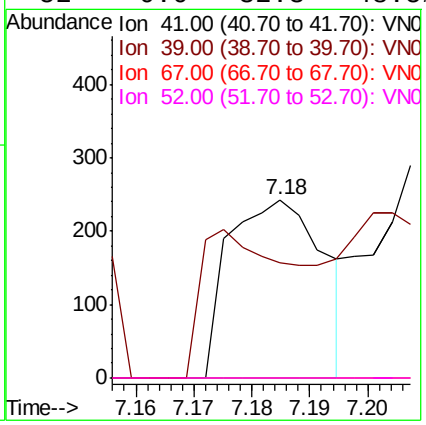


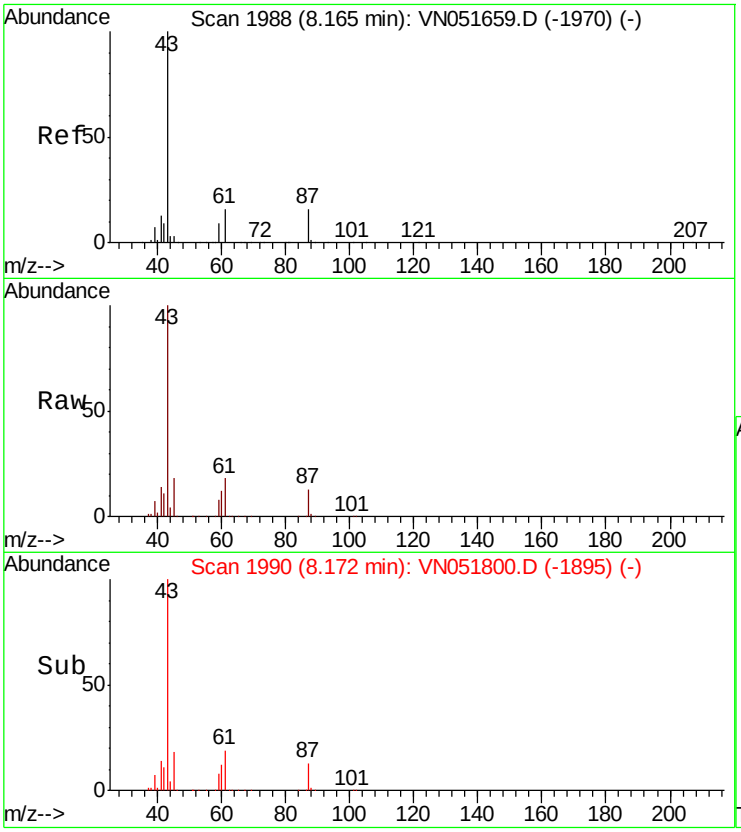


#41
Methacrylonitrile
Concen: Below Cal
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 41 Resp: 275

Ion	Ratio	Lower	Upper
41	100		
39	73.5	53.9	80.9
67	0.0	78.1	117.1#
52	0.0	32.3	48.5#



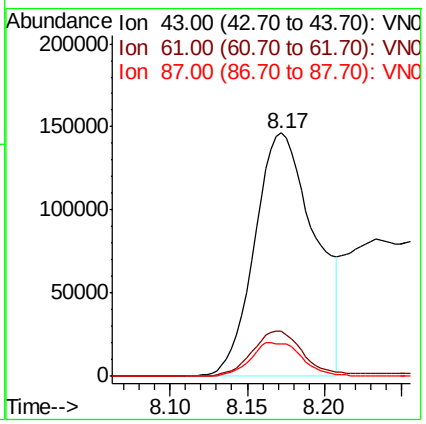


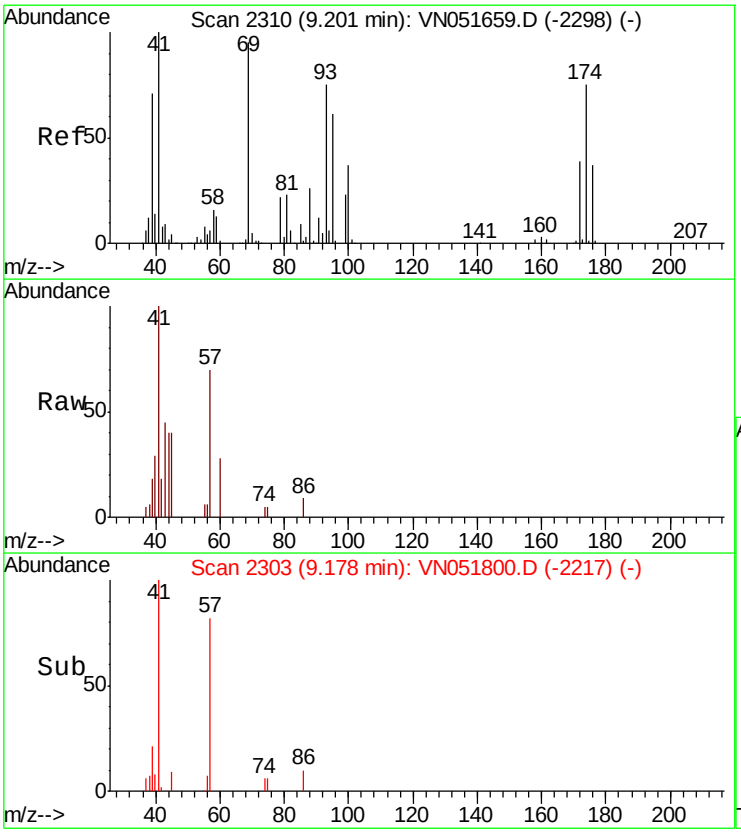
#43
Isopropyl Acetate
Concen: 31.064 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 43 Resp: 396005

Ion	Ratio	Lower	Upper
43	100		
61	16.4	15.8	23.6
87	12.0	12.6	19.0#

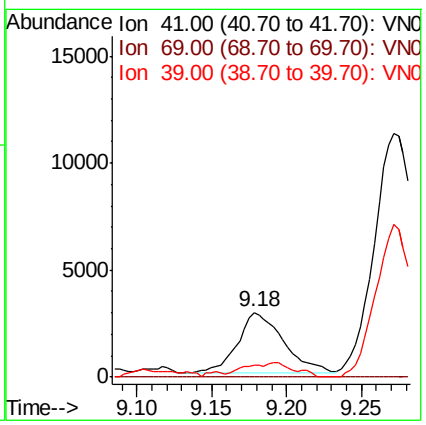


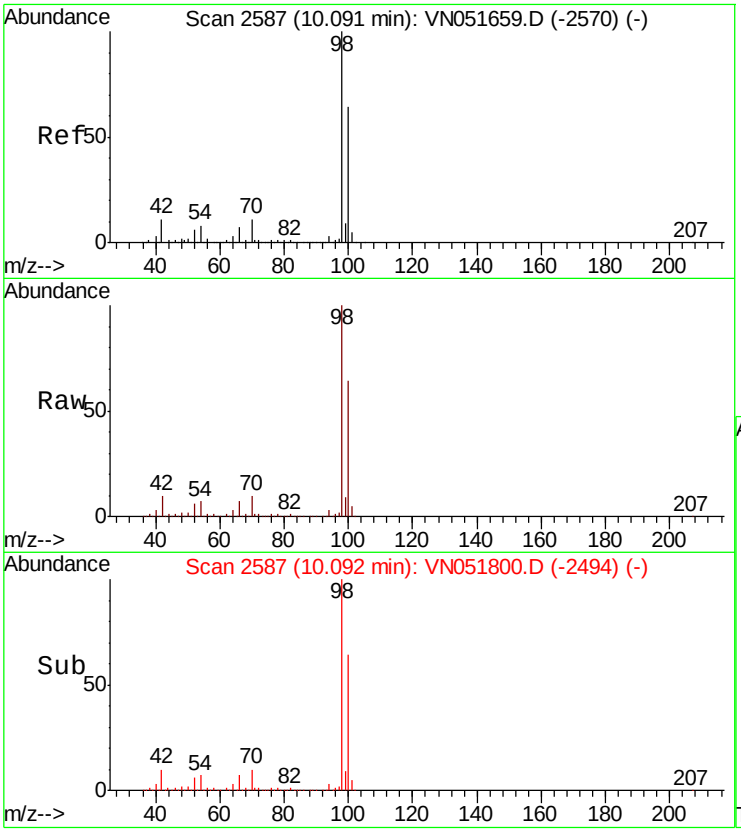


#48
Methyl methacrylate
Concen: 1.045 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 41 Resp: 6089

Ion	Ratio	Lower	Upper
41	100		
69	0.0	78.6	118.0#
39	25.3	59.2	88.8#



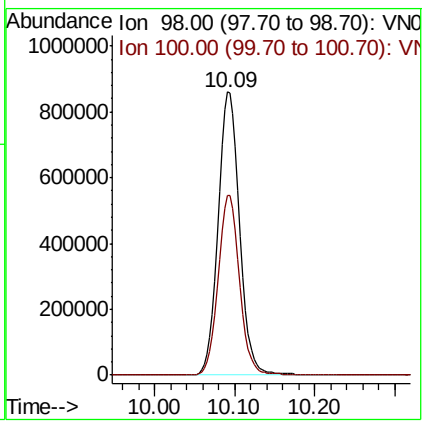


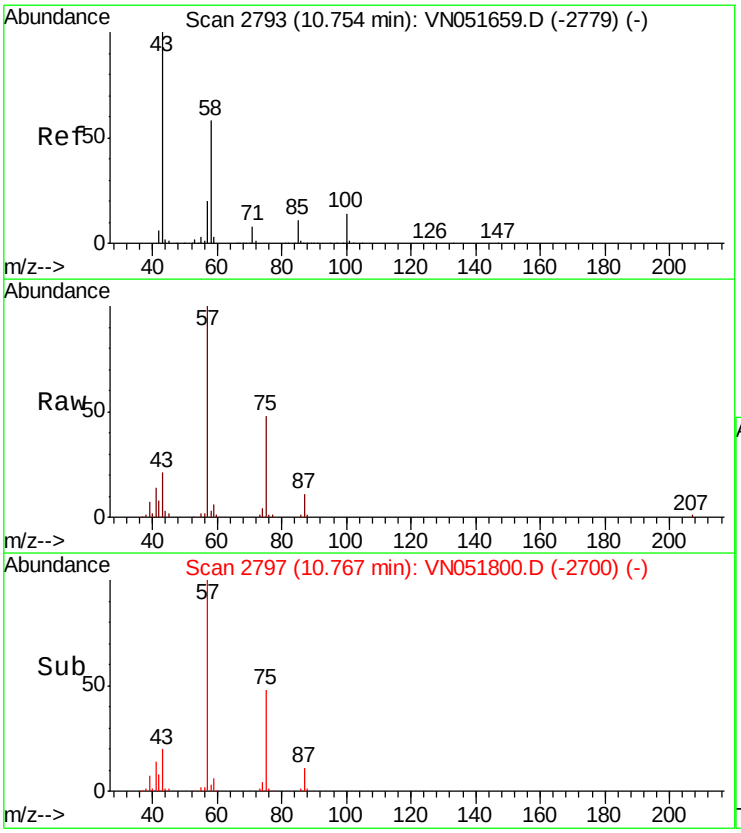
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion: 98 Resp: 1602254

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3

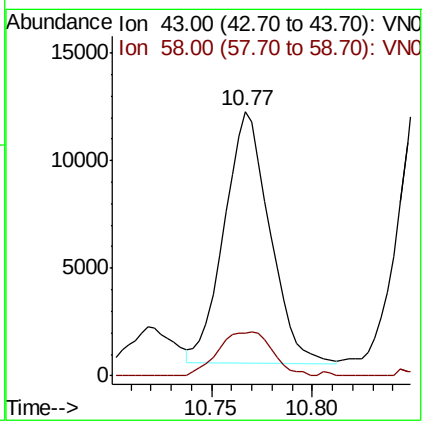


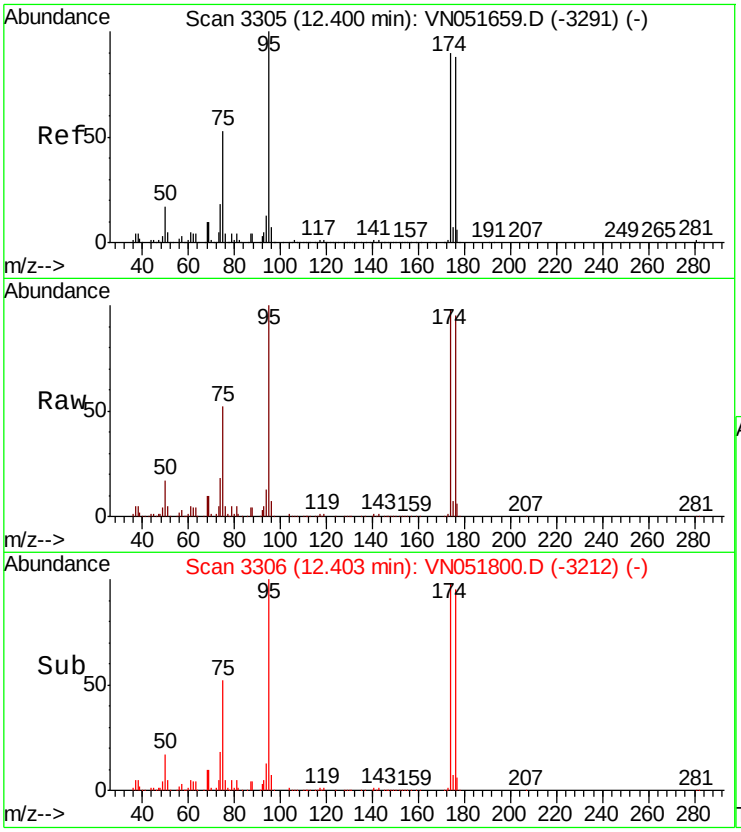


#59
2-Hexanone
Concen: 4.180 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 43 Resp: 18336

Ion	Ratio	Lower	Upper
43	100		
58	21.0	28.8	86.4#



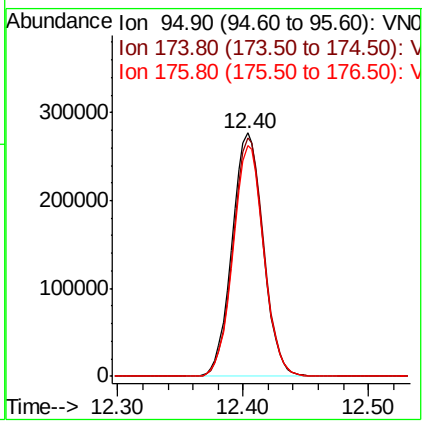


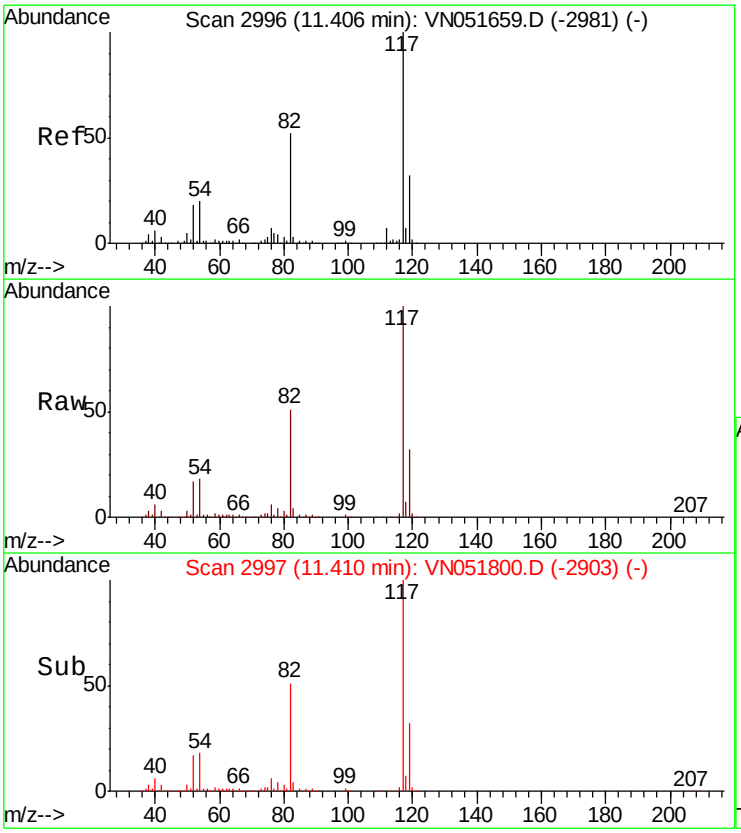
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion: 95 Resp: 475026

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	182.8
176	93.6	0.0	176.4

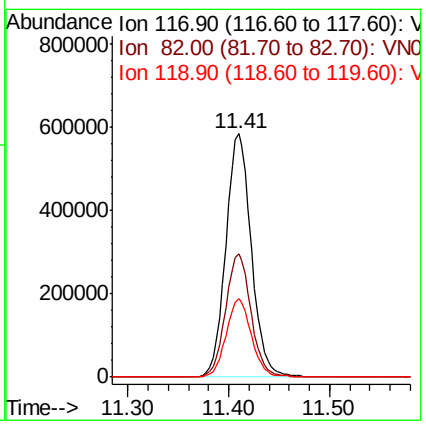


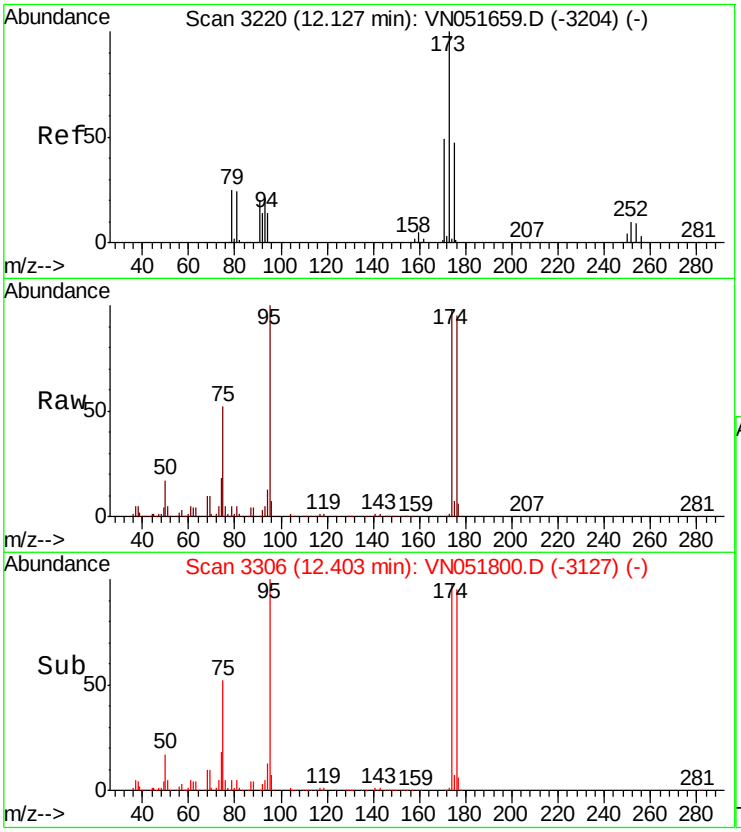


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion:117 Resp: 1030732

Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.3	61.9
119	32.0	25.9	38.9



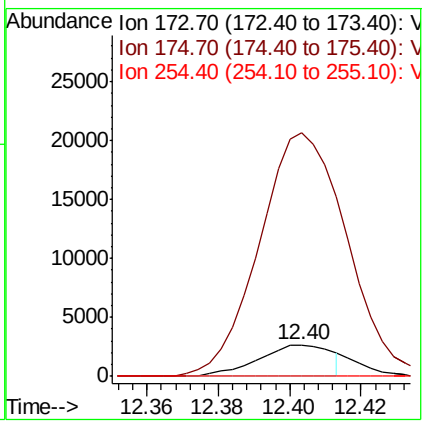


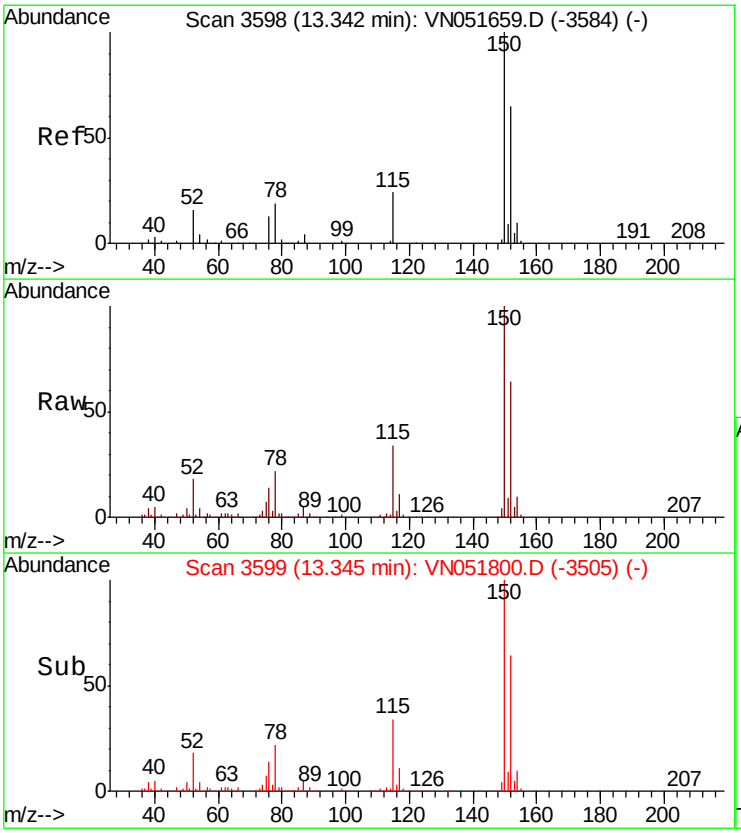
#71
Bromoform
Concen: 0.501 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion:173 Resp: 3808

Ion	Ratio	Lower	Upper
173	100		
175	762.2	24.0	72.0#
254	0.0	0.1	0.1#

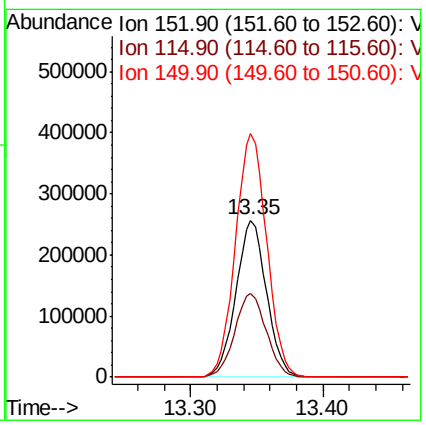


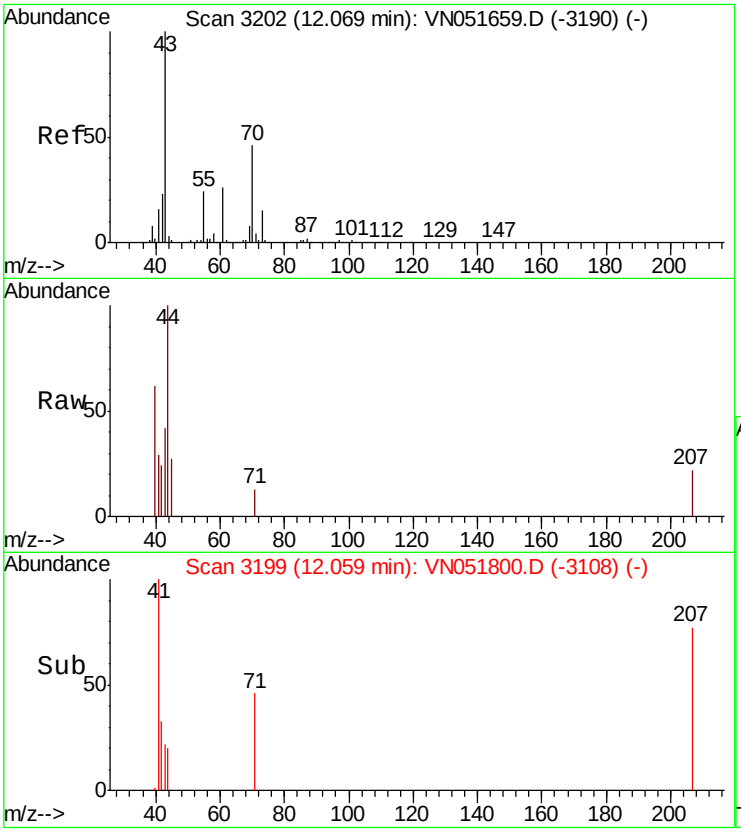


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion:152 Resp: 410286

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.6	85.8
150	158.9	0.0	352.4



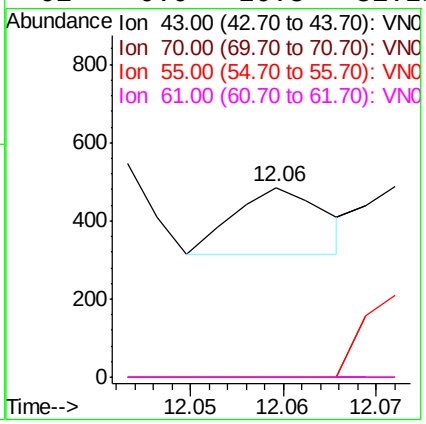


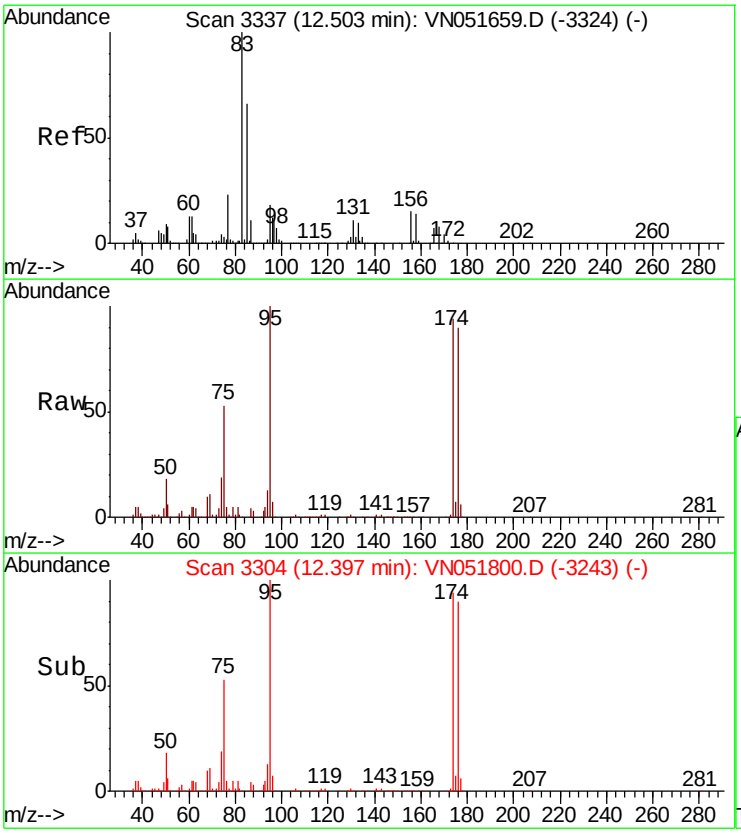
#74
N-amyl acetate
Concen: Below Cal
RT: 12.06 min Scan# 3199
Delta R.T. -0.01 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument : MSVOA_N
ClientSampleId : PB113684ZHE#11

Tgt Ion: 43 Resp: 116

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.1	55.7#
55	0.0	19.1	28.7#
61	0.0	20.8	31.2#

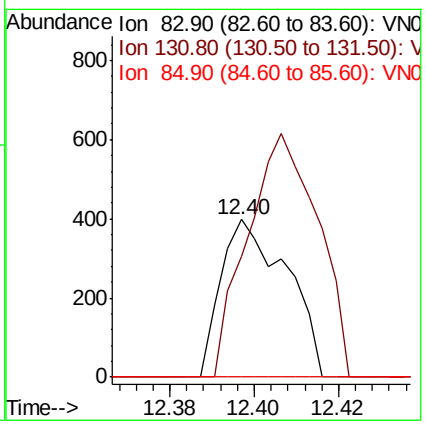


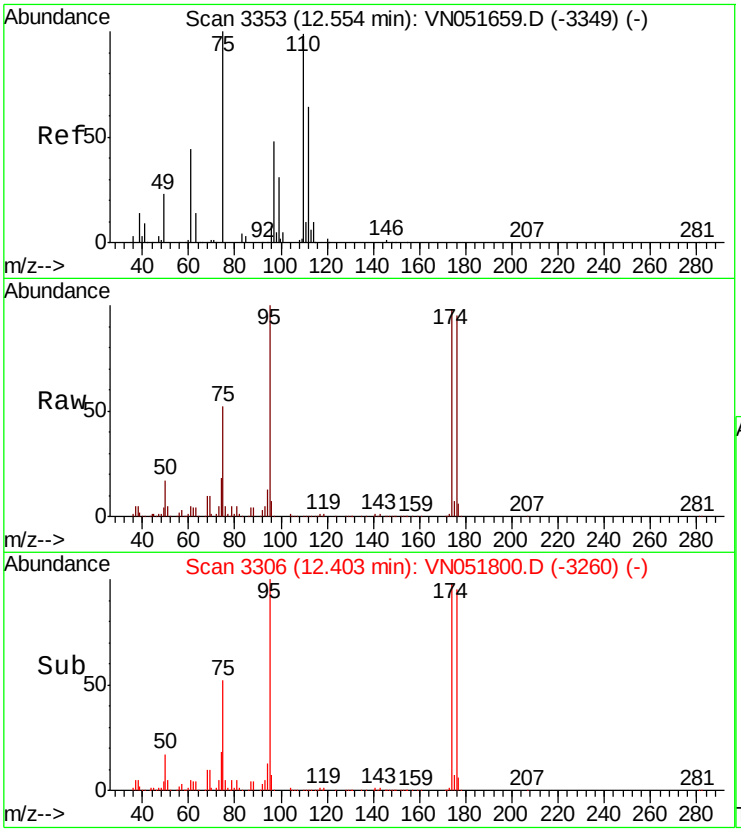


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3304
Delta R.T. -0.11 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 83 Resp: 433

Ion	Ratio	Lower	Upper
83	100		
131	164.4	5.7	17.1#
85	0.0	33.0	98.9#



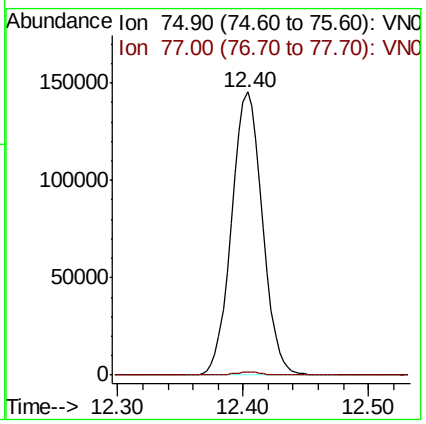


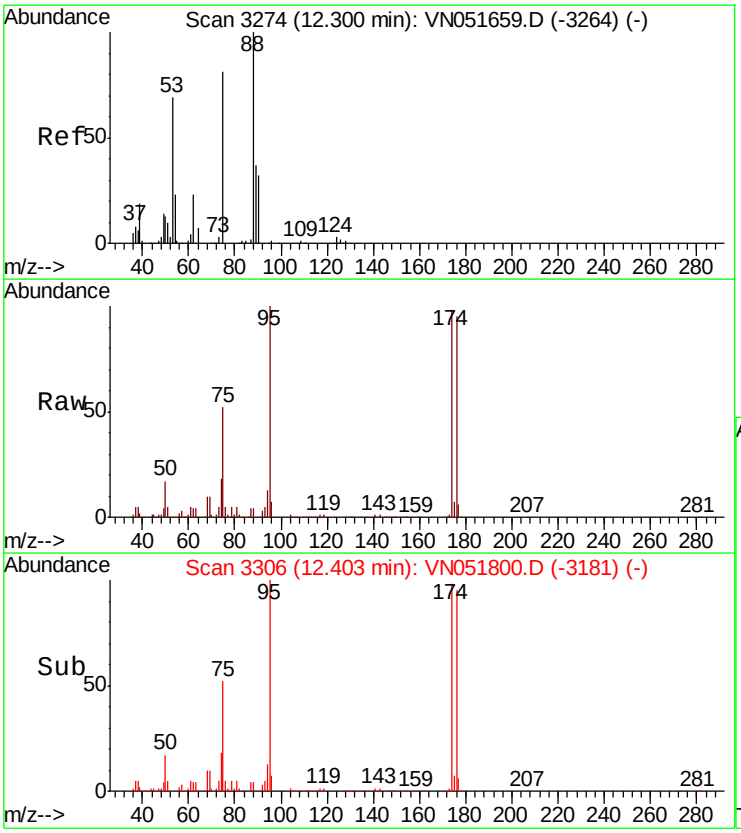
#76
1,2,3-Trichloropropane
Concen: 48.624 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#11

Tgt Ion: 75 Resp: 248459

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.317 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051800.D
Acq: 10 Oct 2018 19:03

Tgt Ion: 75 Resp: 248459

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.1	39.4	59.2#