Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052407.D
Acq On : 20 Nov 2018 15:05
Operator : MD\SY
Sample : PB114952ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB114952ZHE#01

Quant Time: Nov 20 15:55:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	523045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233280	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.10%			
35) Dibromofluoromethane	7.59	113	172573	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
50) Toluene-d8	10.09	98	668497	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.74%			
62) 4-Bromofluorobenzene	12.40	95	194205	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.96%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	60	21.93	ug/l #	14
16) Acetone	3.83	43	5632	4.61	ug/l	93
18) Methyl Acetate	4.34	43	643	0.62	ug/l #	57
20) Methylene Chloride	4.56	84	10155	2.06	ug/l	95
25) 2-Butanone	6.86	43	1016	0.59	ug/l #	52
29) Tetrahydrofuran	7.21	42	385	0.34	ug/l #	40
31) Cyclohexane	7.67	56	9477	0.35	ug/l #	28
36) 1,1-Dichloropropene	7.67	75	29231	5.58	ug/l #	52
38) Carbon Tetrachloride	7.67	117	34815	7.23	ug/l #	15
41) Methacrylonitrile	7.16	41	65	3.72	ug/l #	100
43) Isopropyl Acetate	8.17	43	16820	2.29	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	1015	0.24	ug/l #	44
48) Methyl methacrylate	9.18	41	5440	1.46	ug/l #	16
51) 4-Methyl-2-Pentanone	10.03	43	5889	1.59	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	32124	5.53	ug/l #	74
57) 1,3-Dichloropropane	10.76	76	6387	1.11	ug/l #	43
59) 2-Hexanone	10.76	43	117130	46.08	ug/l #	55
71) Bromoform	12.40	173	597	0.32	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	112227	45.51	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	112227	147.61	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.91	180	224	2.36	ug/l #	22
95) Naphthalene	15.13	128	501	2.70	ug/l #	78

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Nov 2018 15:05
Operator : MD\SY
Sample : PB114952ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Quant Time: Nov 20 15:55:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
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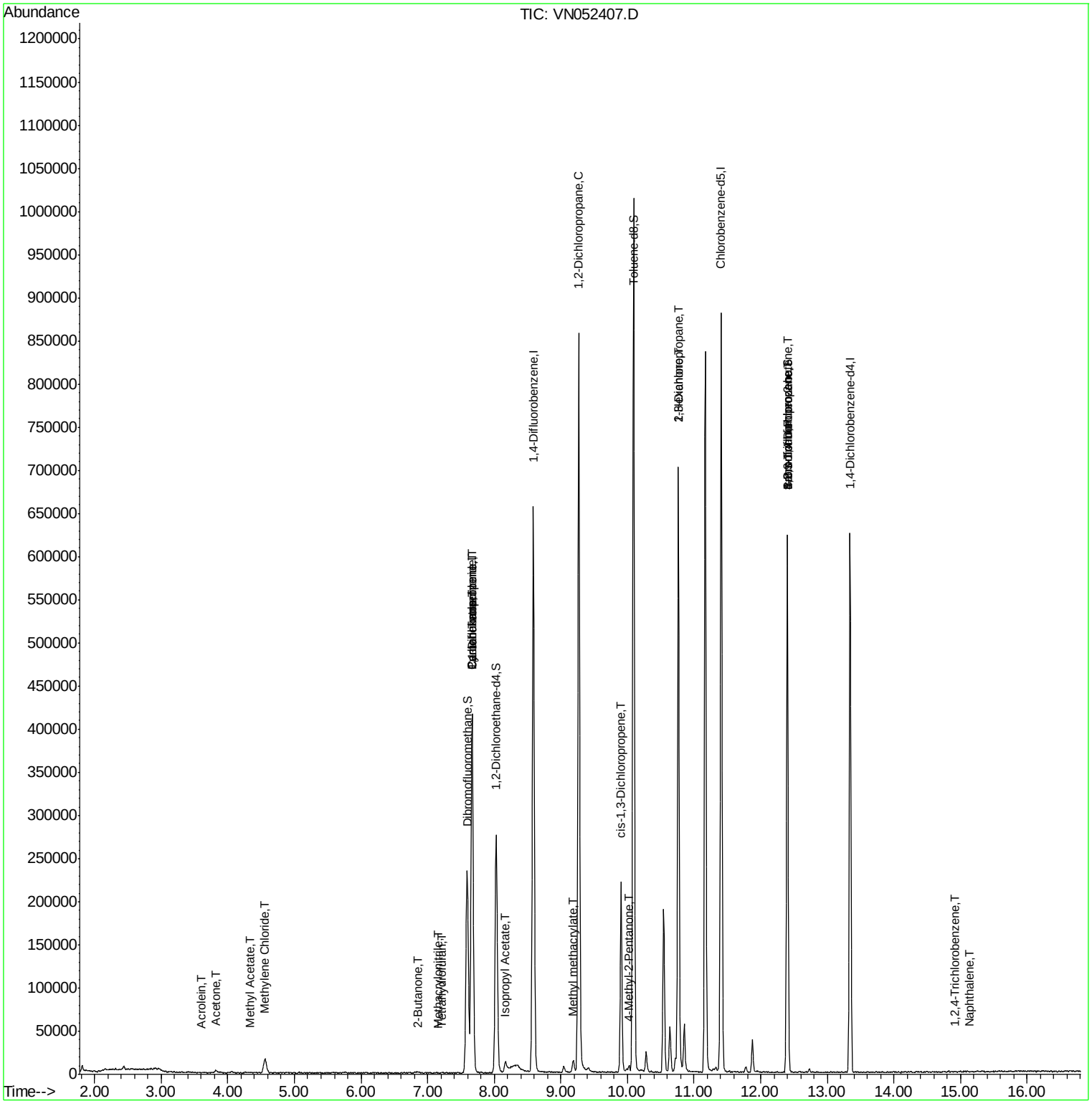
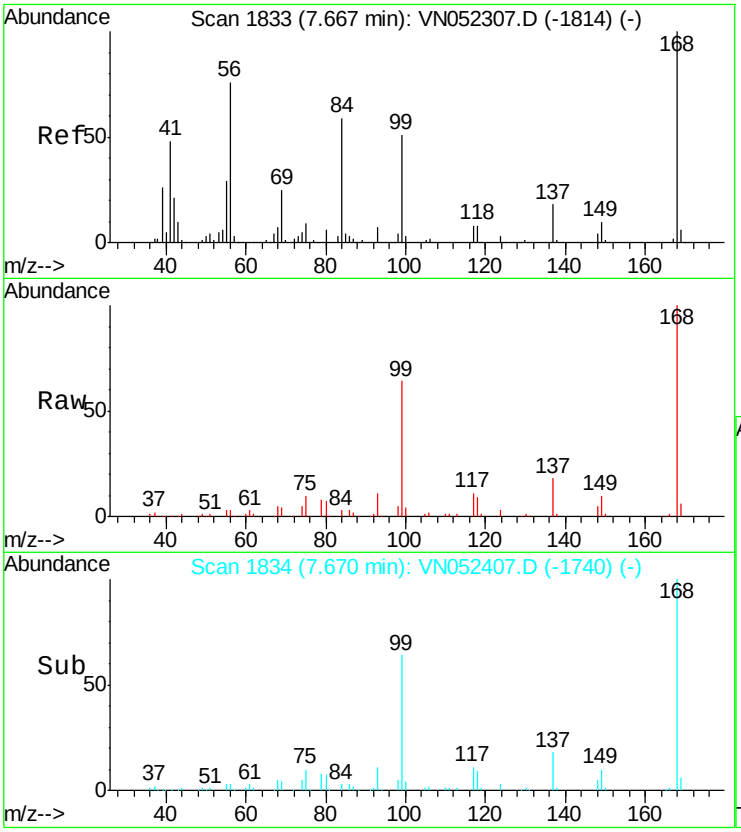


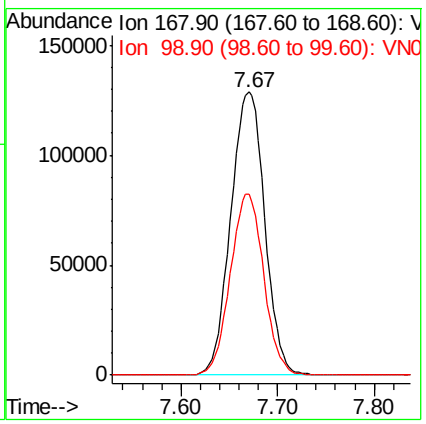


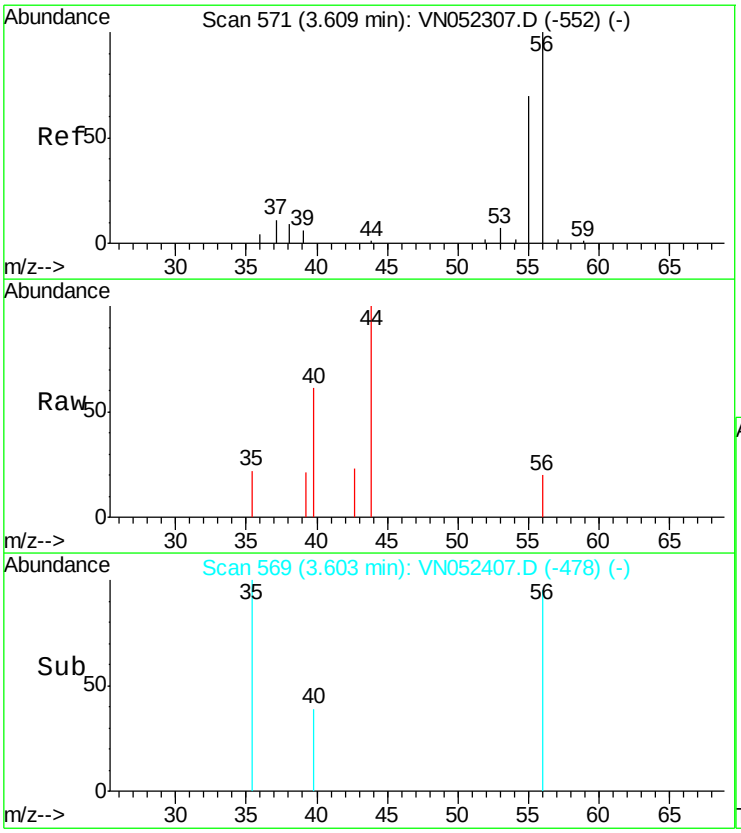
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:168 Resp: 314302

Ion	Ratio	Lower	Upper
168	100		
99	63.7	47.9	71.9

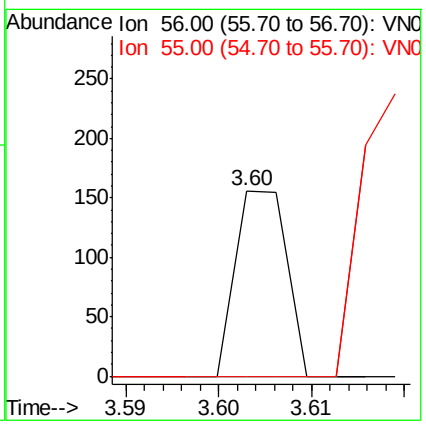


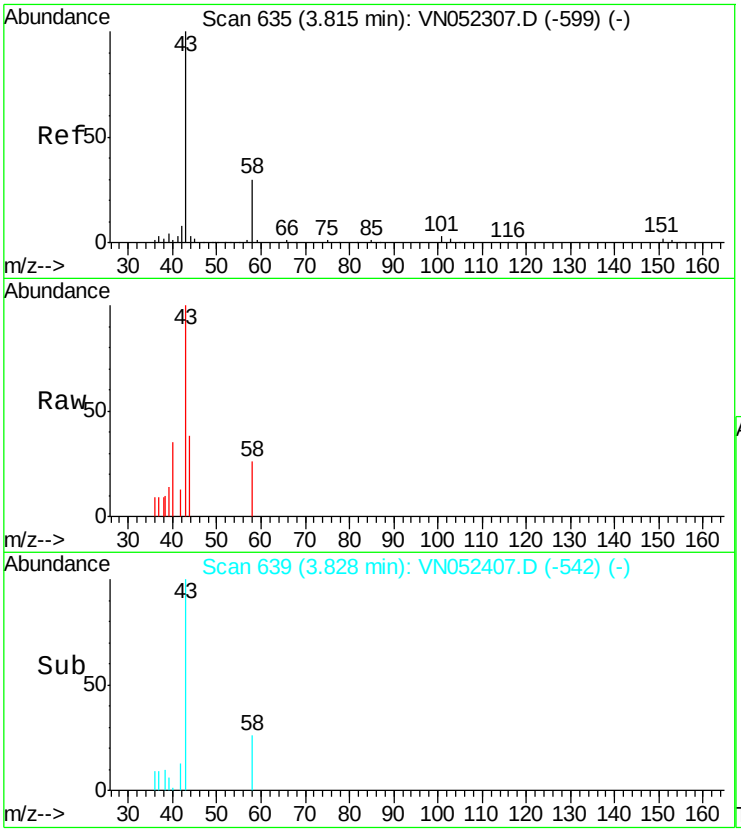


#13
Acrolein
Concen: 21.93 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



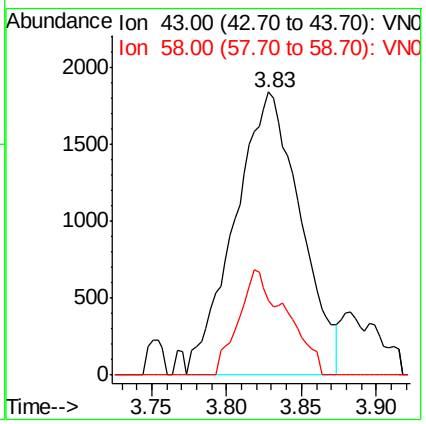


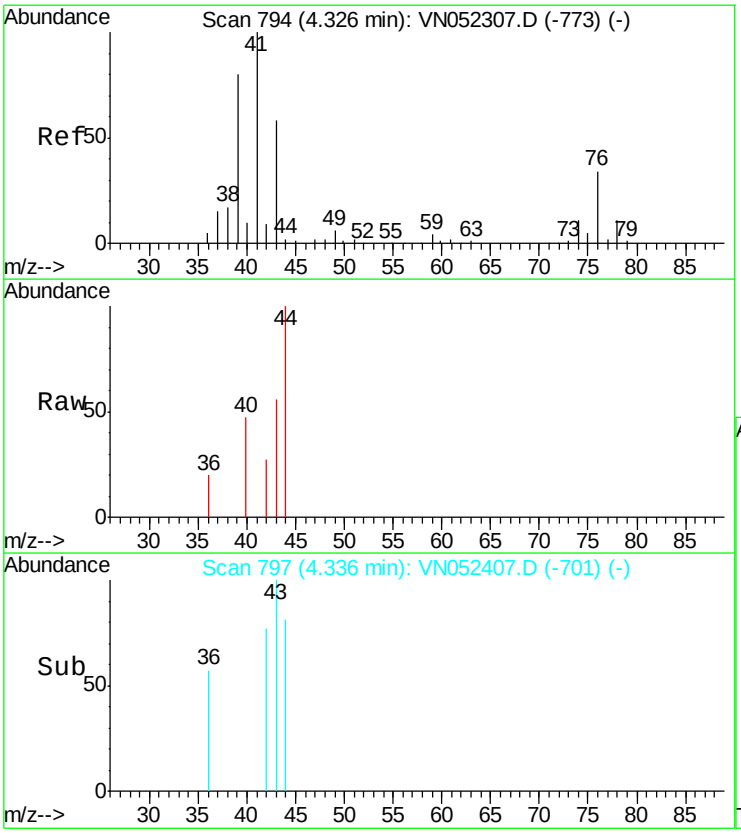
#16
Acetone
Concen: 4.61 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 43 Resp: 5632

Ion	Ratio	Lower	Upper
43	100		
58	26.4	24.2	36.4

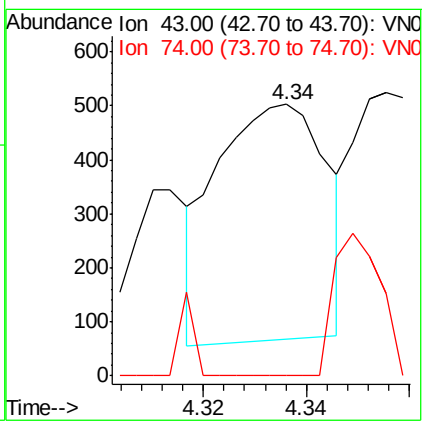


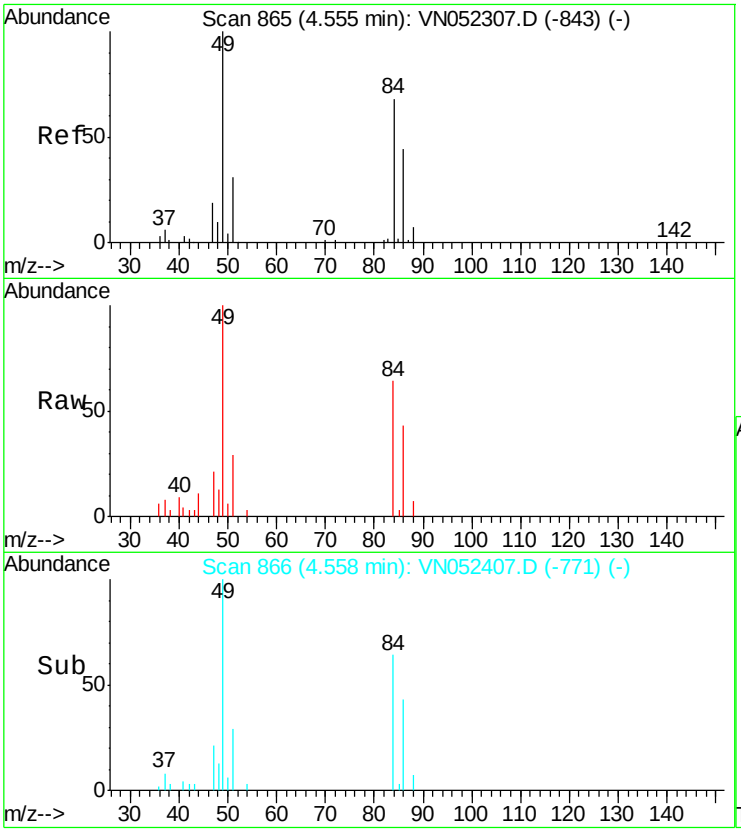


#18
Methyl Acetate
Concen: 0.62 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 43 Resp: 643

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.9	23.9#



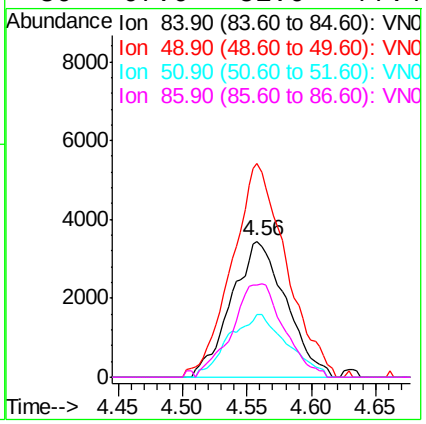


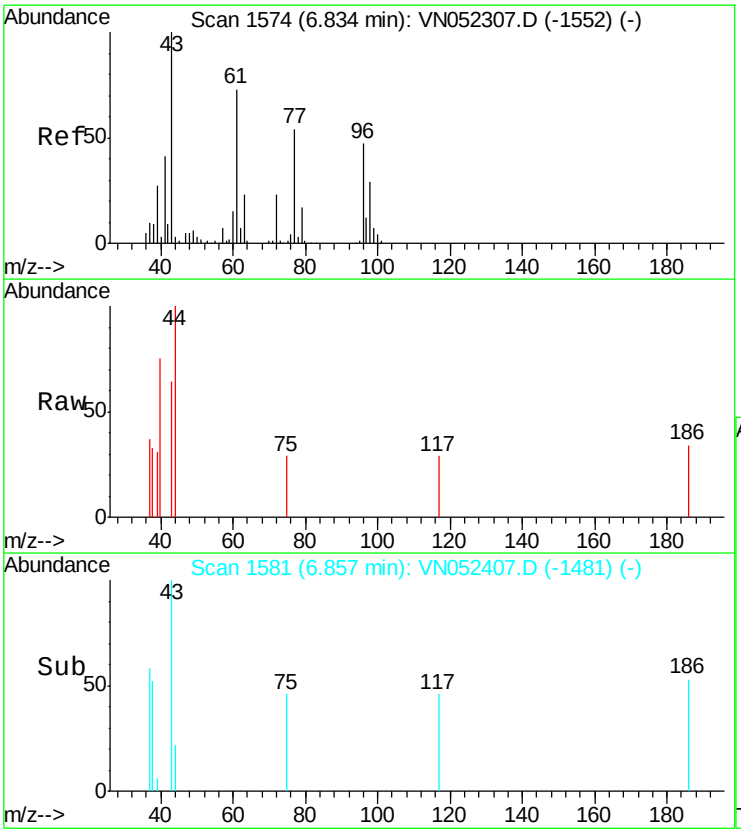
#20
Methylene Chloride
Concen: 2.06 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 84 Resp: 10155

Ion	Ratio	Lower	Upper
84	100		
49	156.8	118.2	177.2
51	46.2	36.1	54.1
86	67.6	51.6	77.4

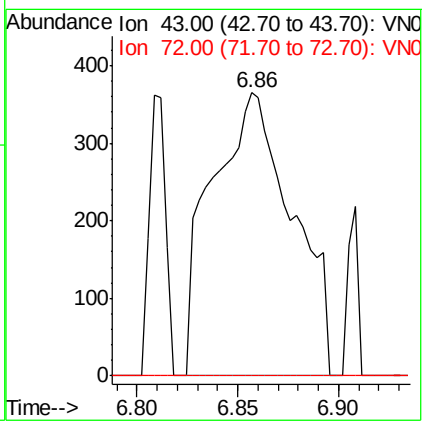


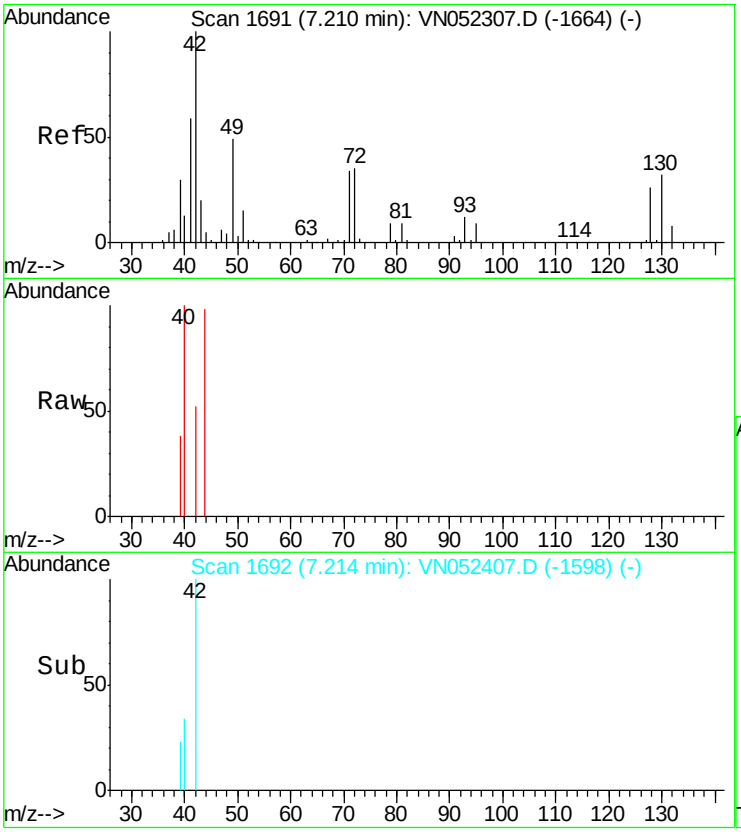


#25
2-Butanone
Concen: 0.59 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 43 Resp: 1016

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



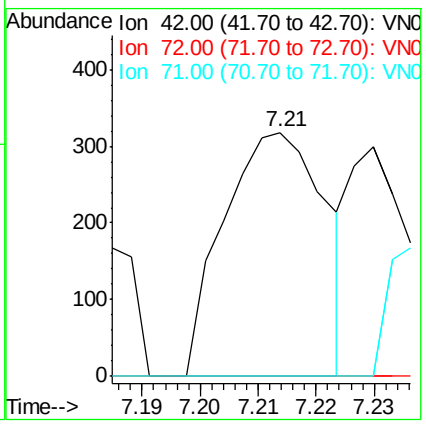


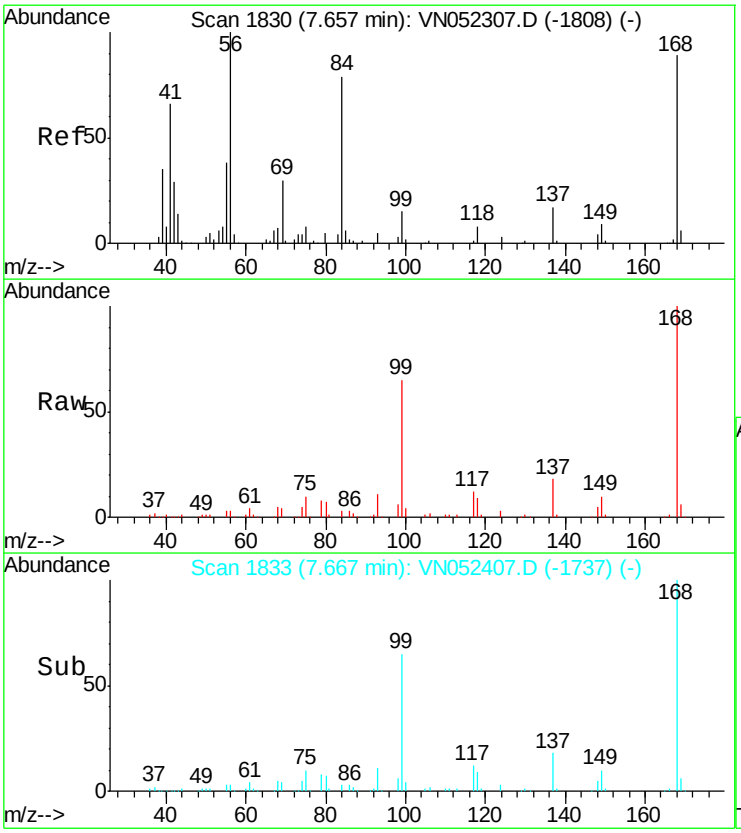
#29
Tetrahydrofuran
Concen: 0.34 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 42 Resp: 385

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.6	42.8#
71	0.0	26.7	40.1#

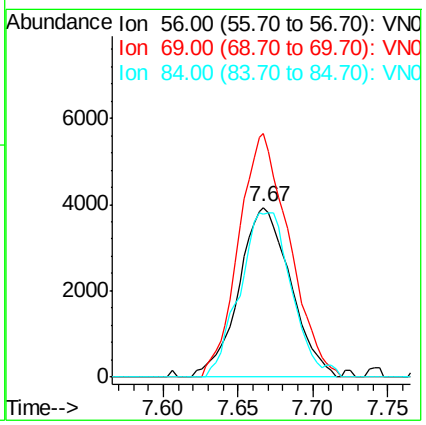


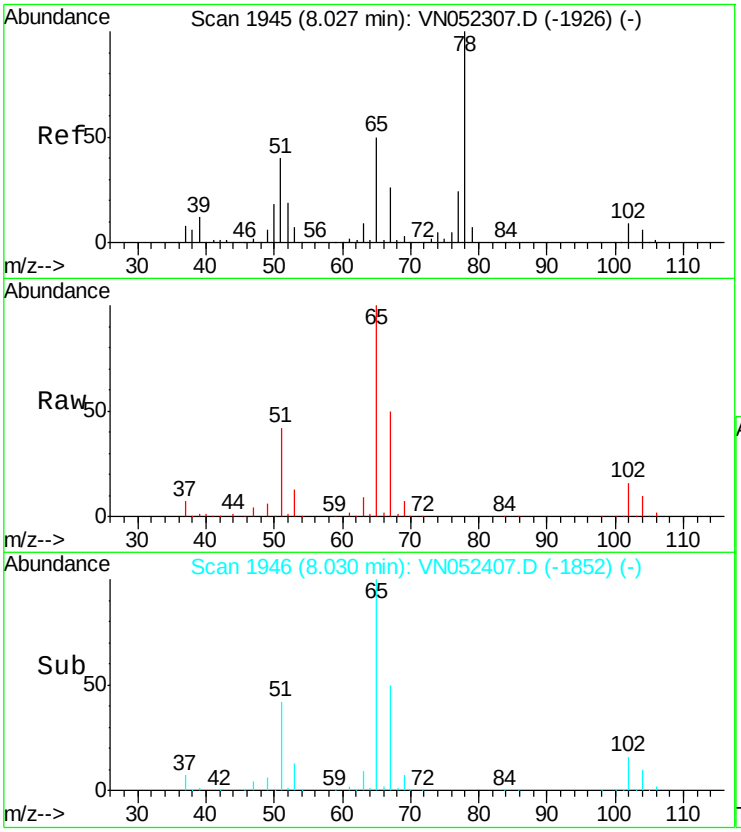


#31
Cyclohexane
Concen: 0.35 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 56 Resp: 9477

Ion	Ratio	Lower	Upper
56	100		
69	143.2	23.8	35.8#
84	96.0	63.0	94.6#



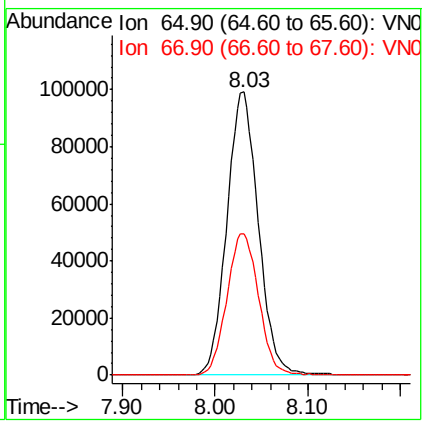


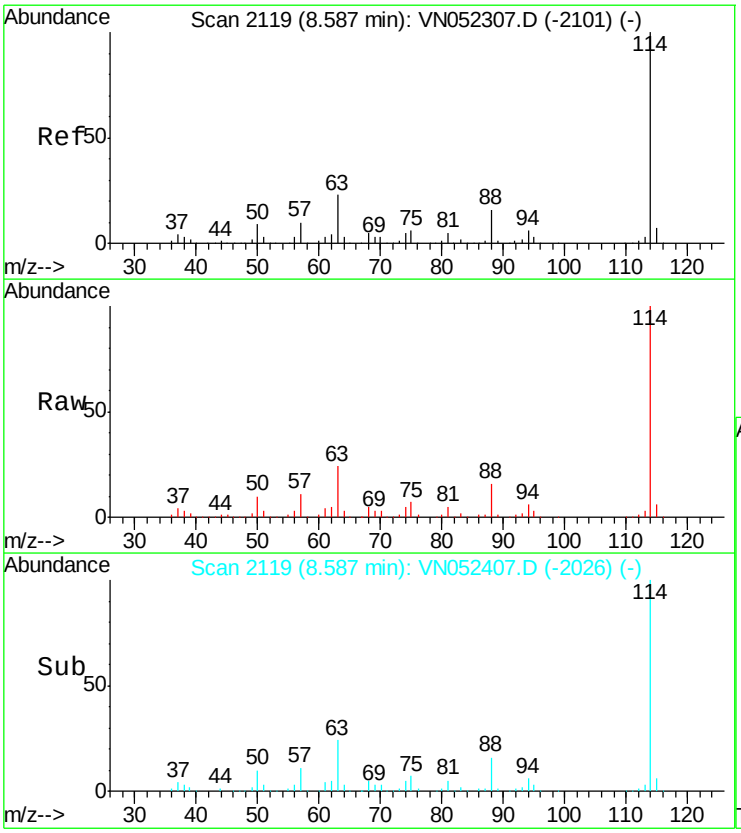
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument : MSVOA_N
ClientSampleId : PB114952ZHE#01

Tgt Ion: 65 Resp: 233280

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.2

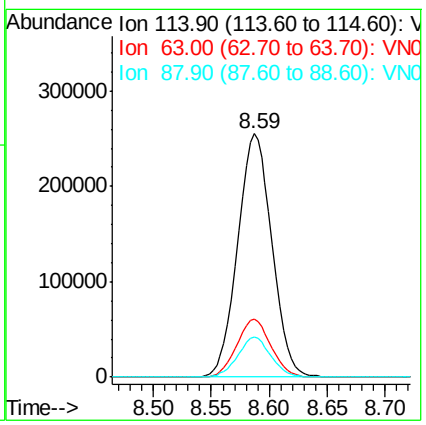


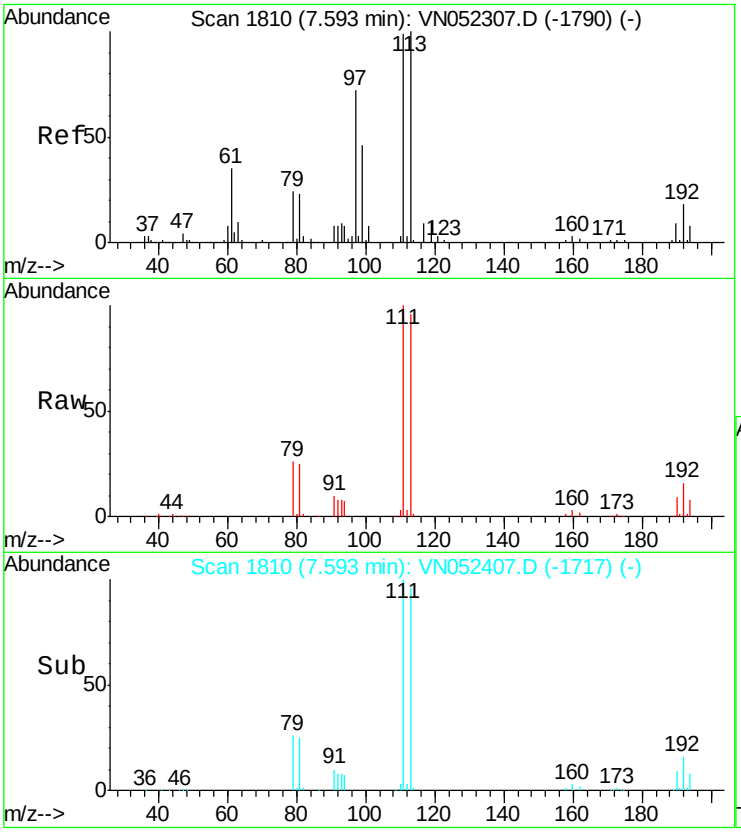


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:114 Resp: 523045

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.4
88	16.2	0.0	31.2



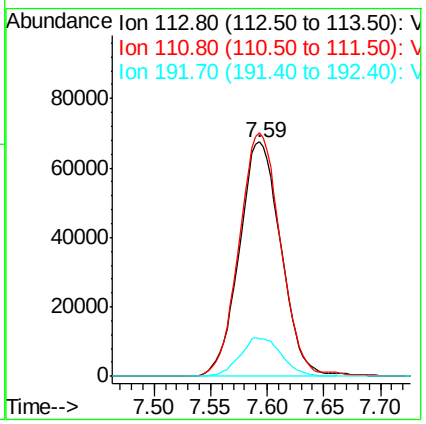


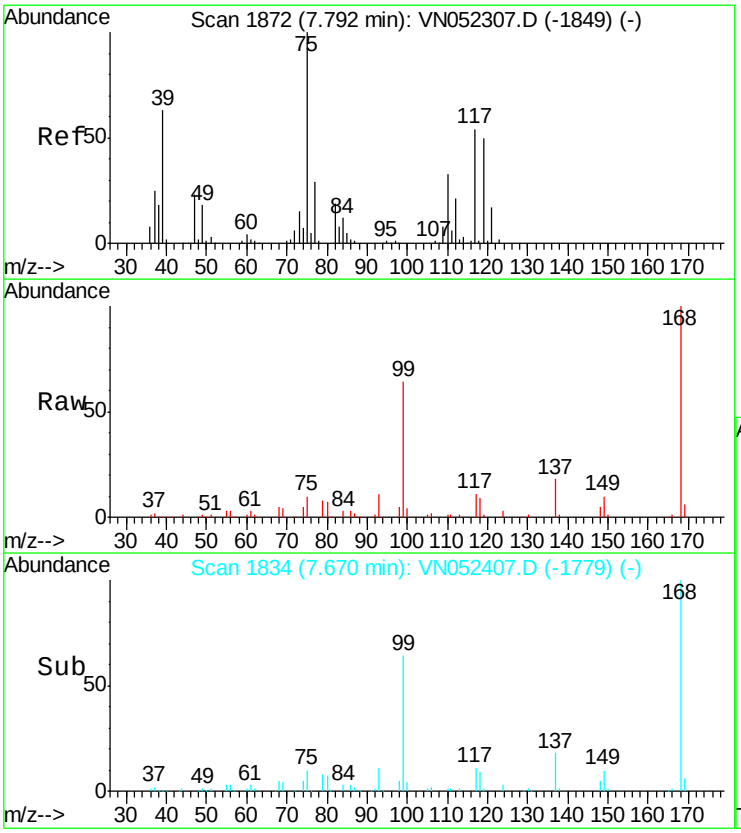
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:113 Resp: 172573

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.0	121.6
192	16.5	13.8	20.6

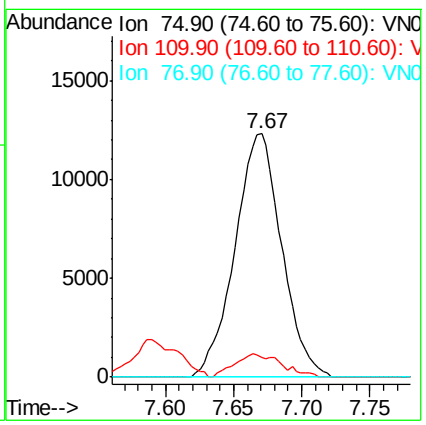


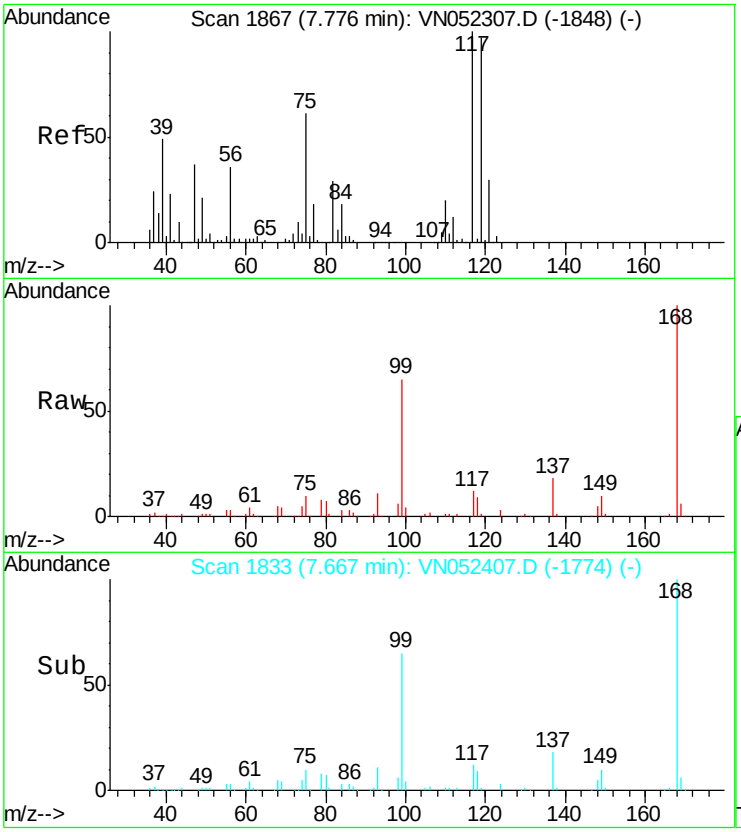


#36
1,1-Dichloropropene
Concen: 5.58 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 29231

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.5	49.5#
77	0.0	24.2	36.2#



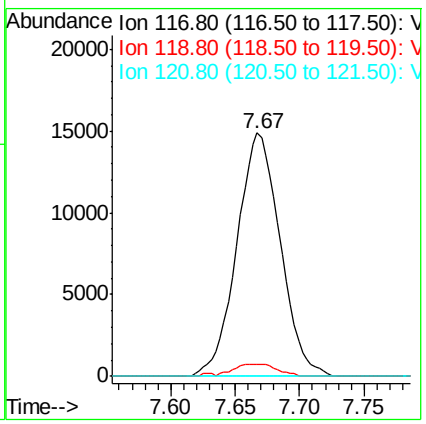


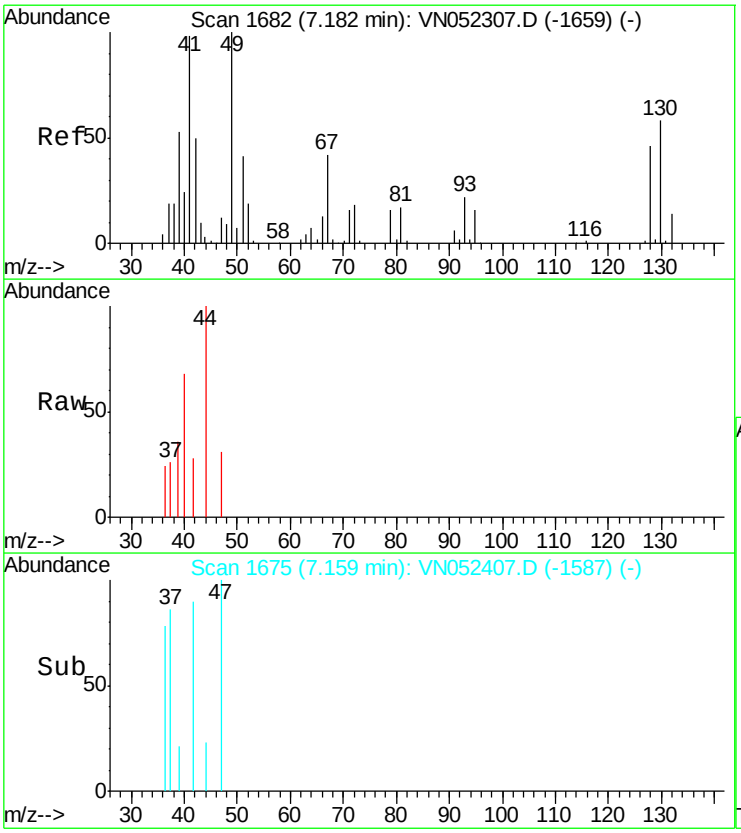
#38
Carbon Tetrachloride
Concen: 7.23 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:117 Resp: 34815

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.0	36.0#

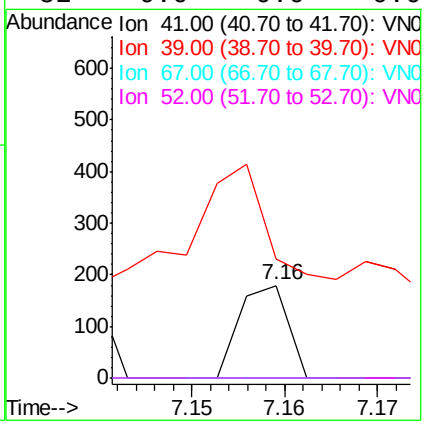


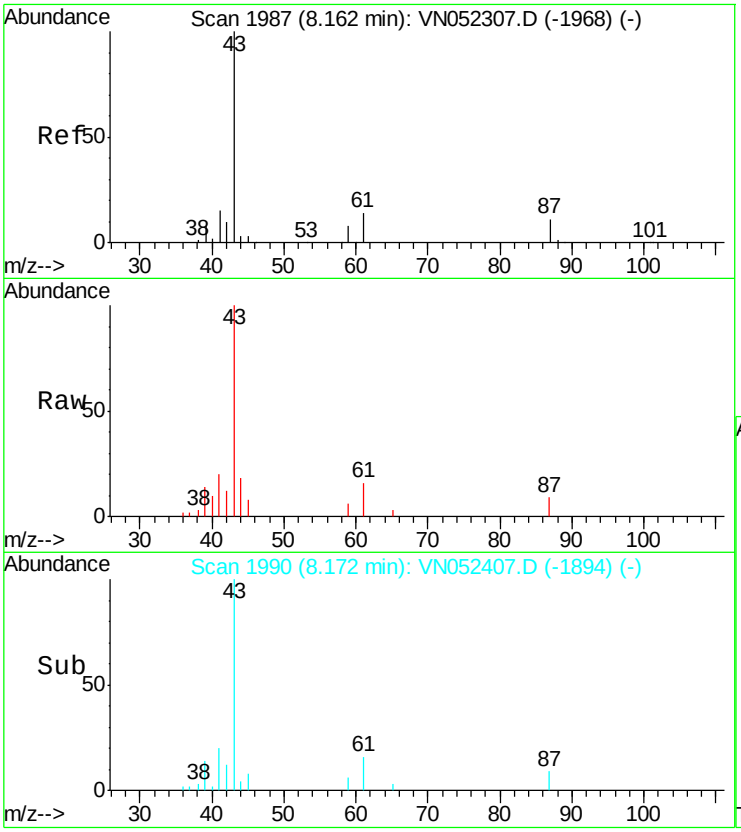


#41
Methacrylonitrile
Concen: 3.72 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.02 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 41 Resp: 65

Ion	Ratio	Lower	Upper
41	100		
39	198.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



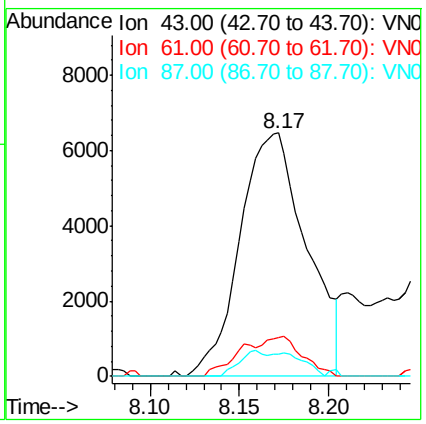


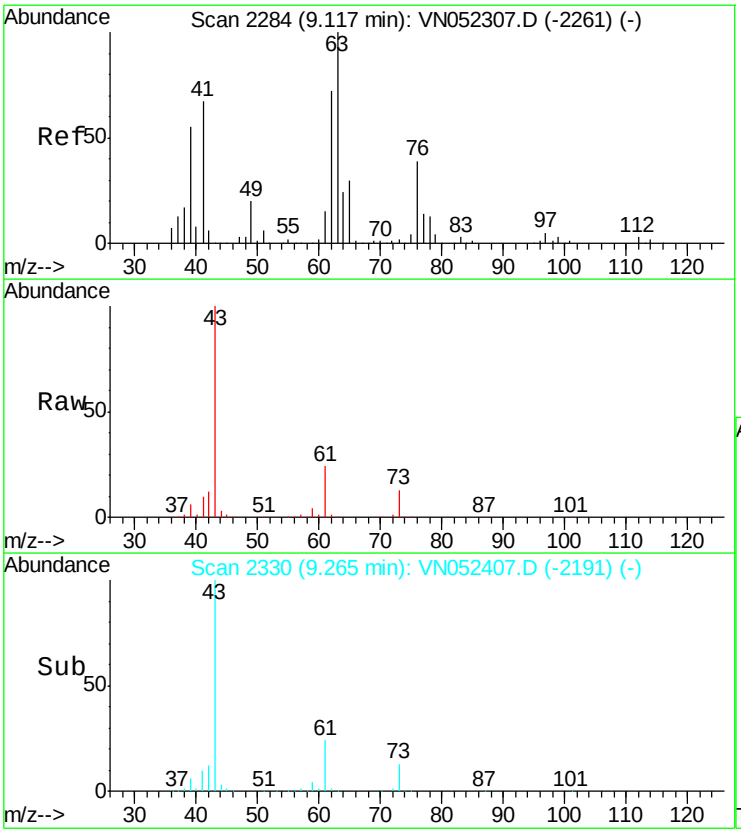
#43
Isopropyl Acetate
Concen: 2.29 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument : MSVOA_N
ClientSampleId : PB114952ZHE#01

Tgt Ion: 43 Resp: 16820

Ion	Ratio	Lower	Upper
43	100		
61	8.7	12.0	18.0#
87	0.0	8.3	12.5#

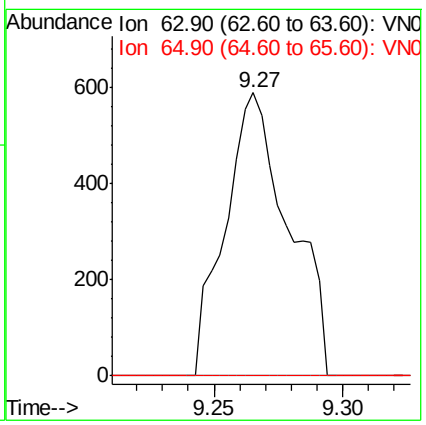


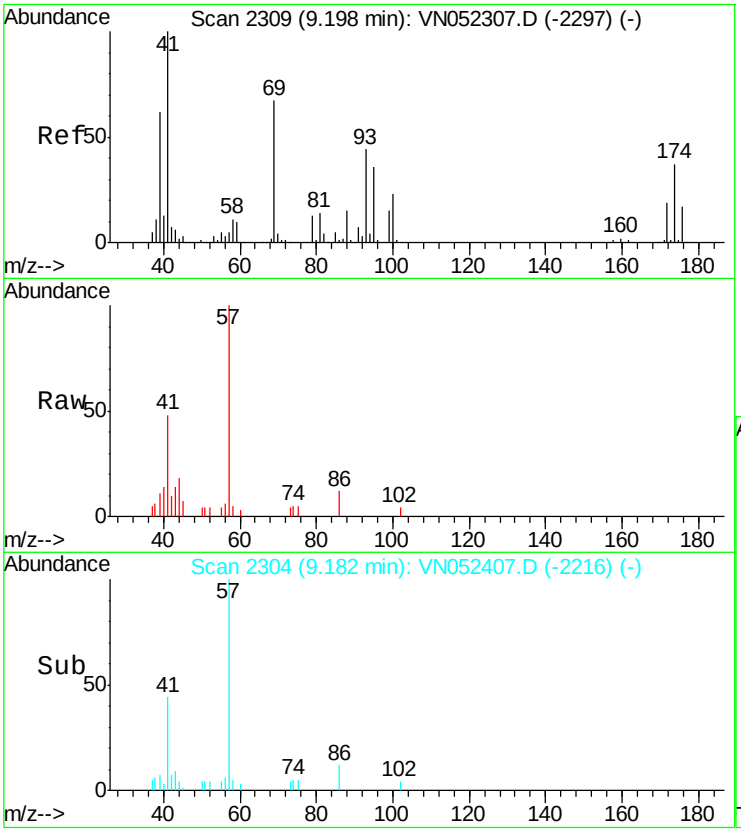


#45
1,2-Dichloropropane
Concen: 0.24 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 63 Resp: 1015

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.2	36.4#



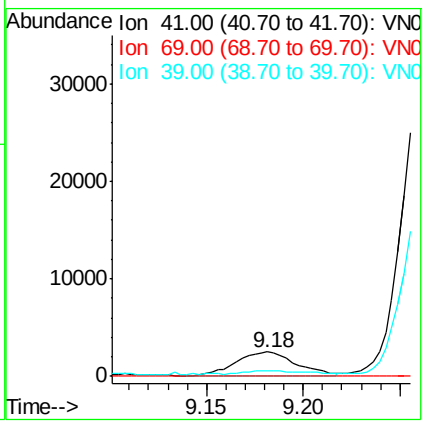


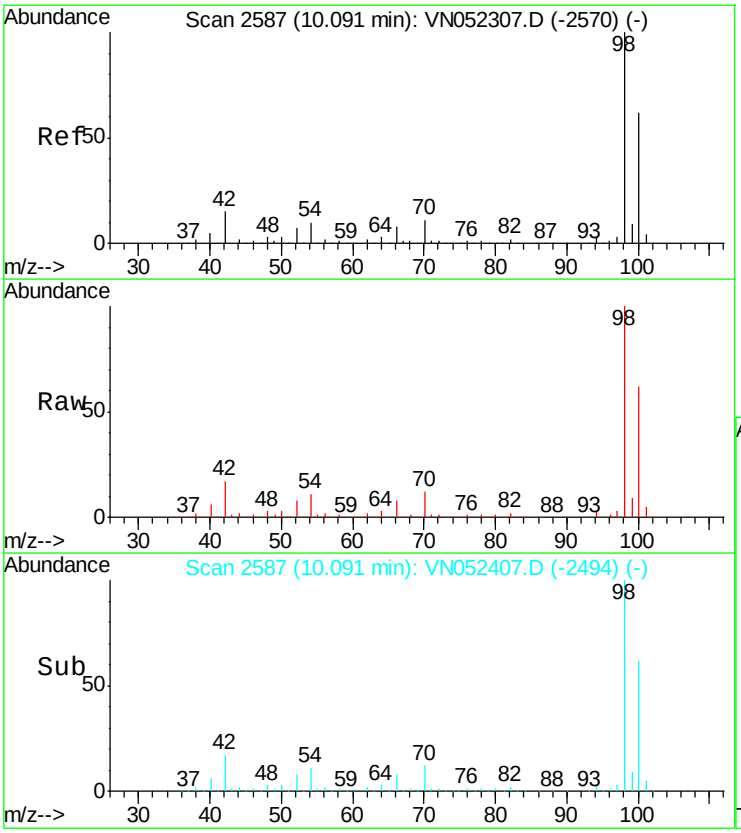
#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 41 Resp: 5440

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.1	85.7#
39	0.0	52.5	78.7#

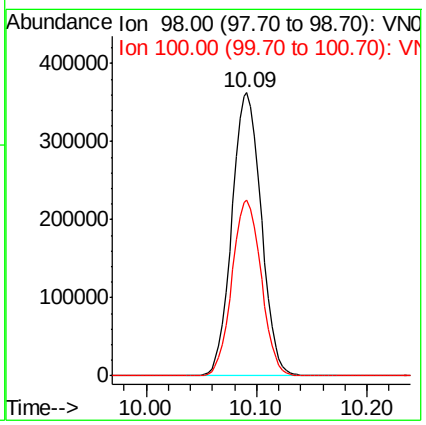


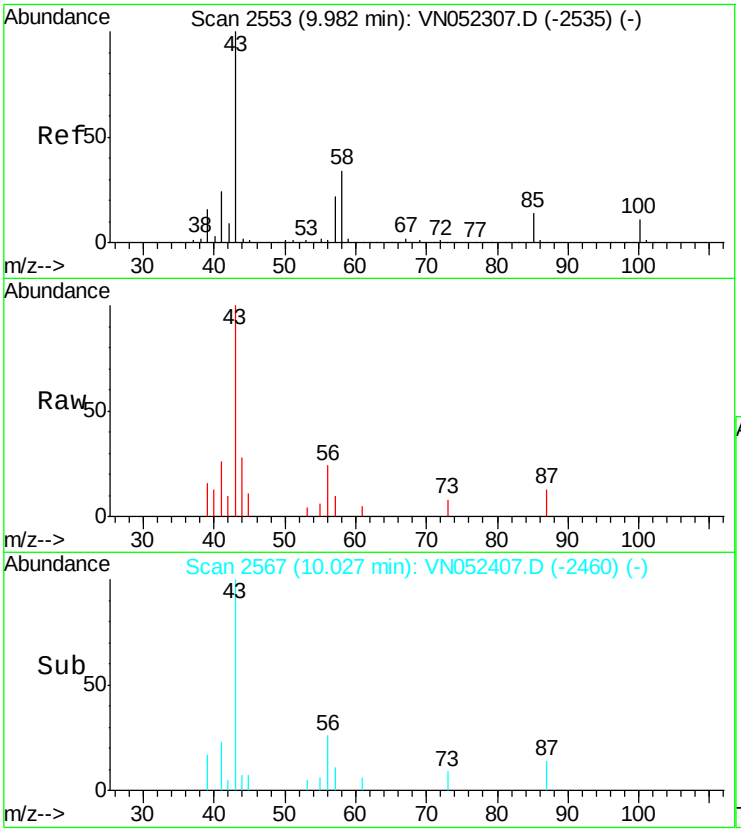


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 98 Resp: 668497

Ion	Ratio	Lower	Upper
98	100		
100	61.9	49.5	74.3



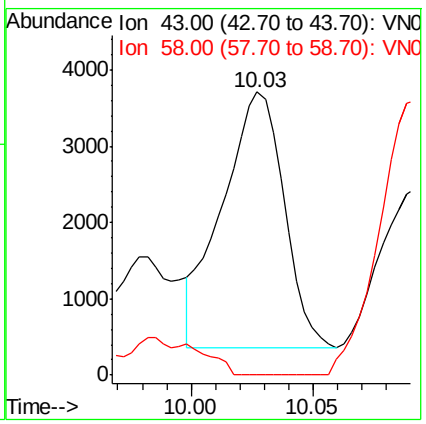


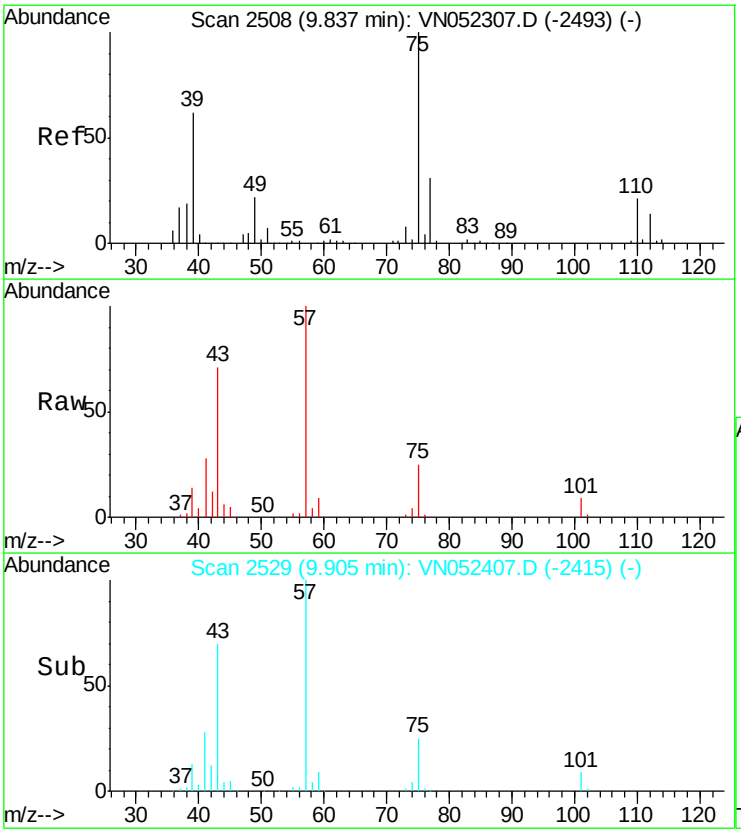
#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.05 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 43 Resp: 5889

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	40.6#

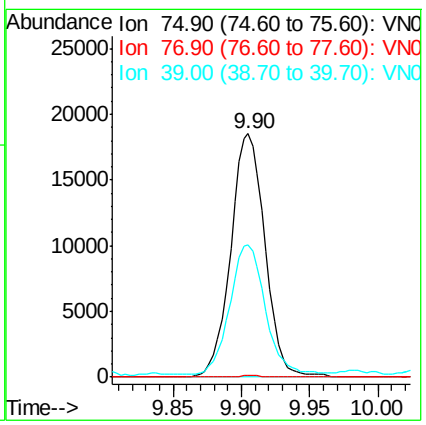


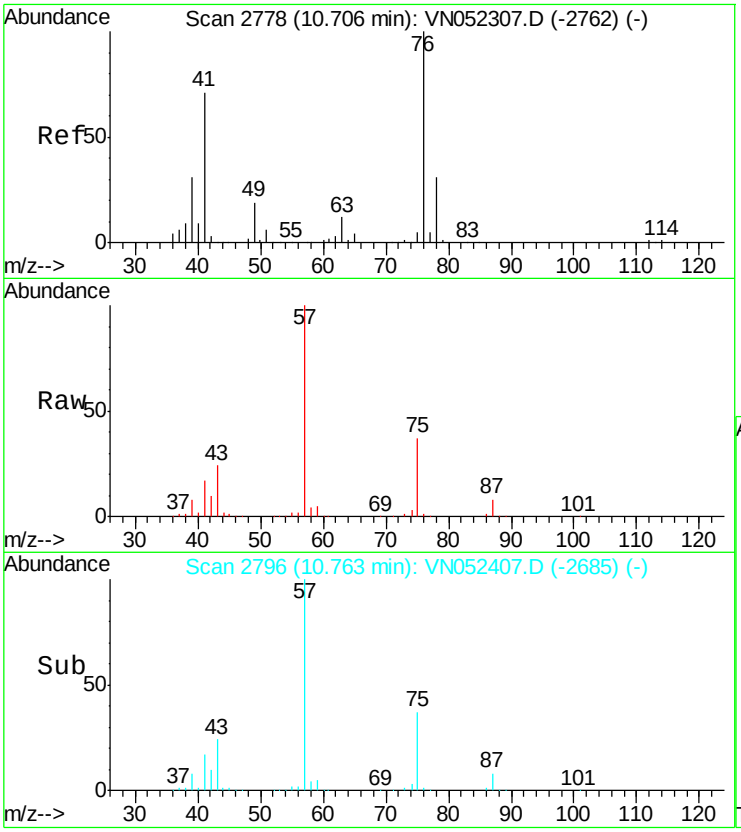


#54
cis-1,3-Dichloropropene
Concen: 5.53 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 32124

Ion	Ratio	Lower	Upper
75	100		
77	0.9	24.6	36.8#
39	53.3	49.9	74.9



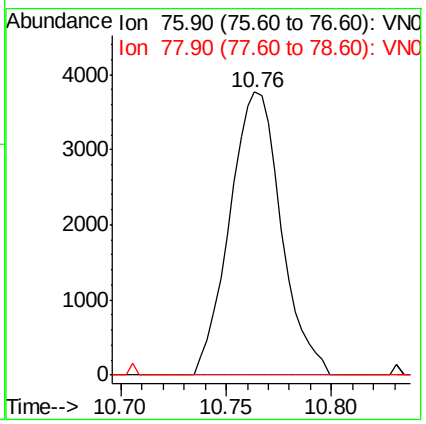


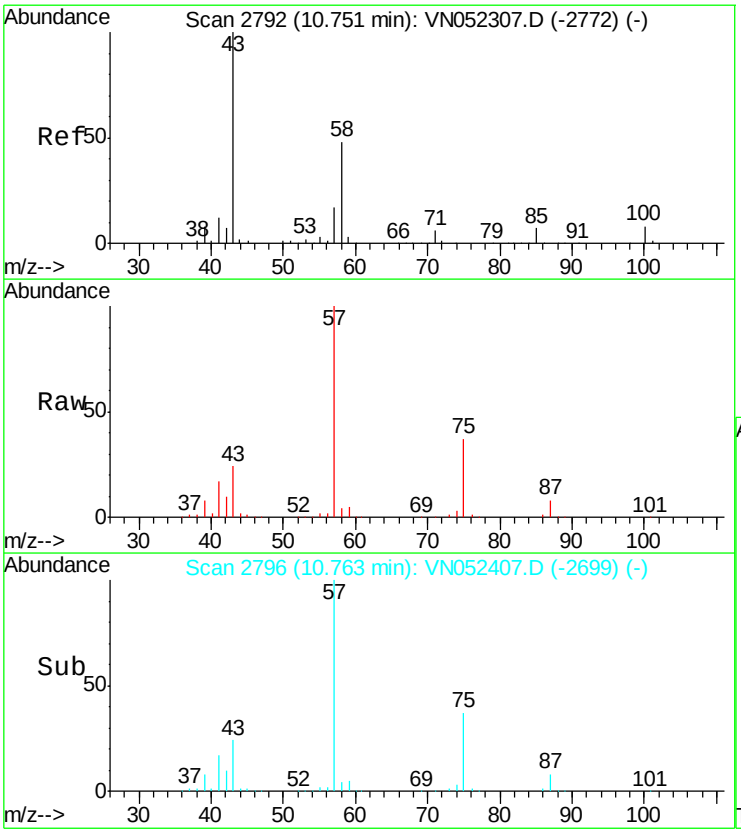
#57
1,3-Dichloropropane
Concen: 1.11 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 76 Resp: 6387

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

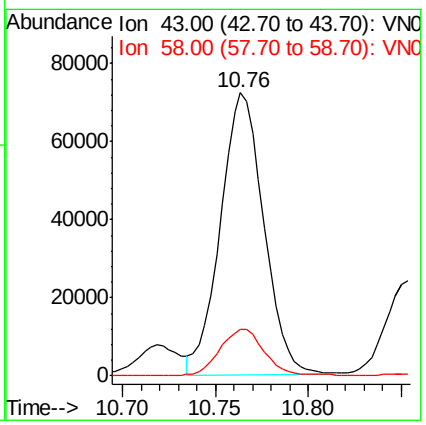


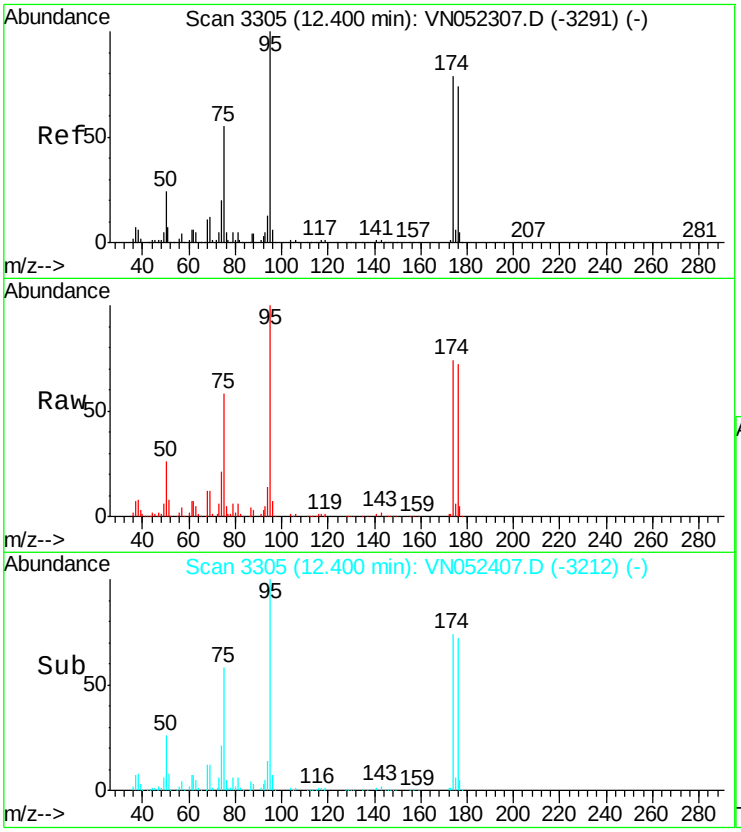


#59
2-Hexanone
Concen: 46.08 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 43 Resp: 117130

Ion	Ratio	Lower	Upper
43	100		
58	17.3	23.5	70.6#



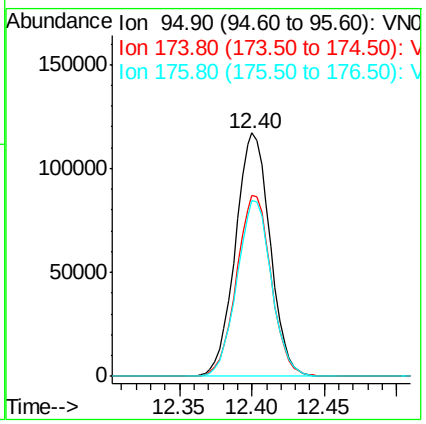


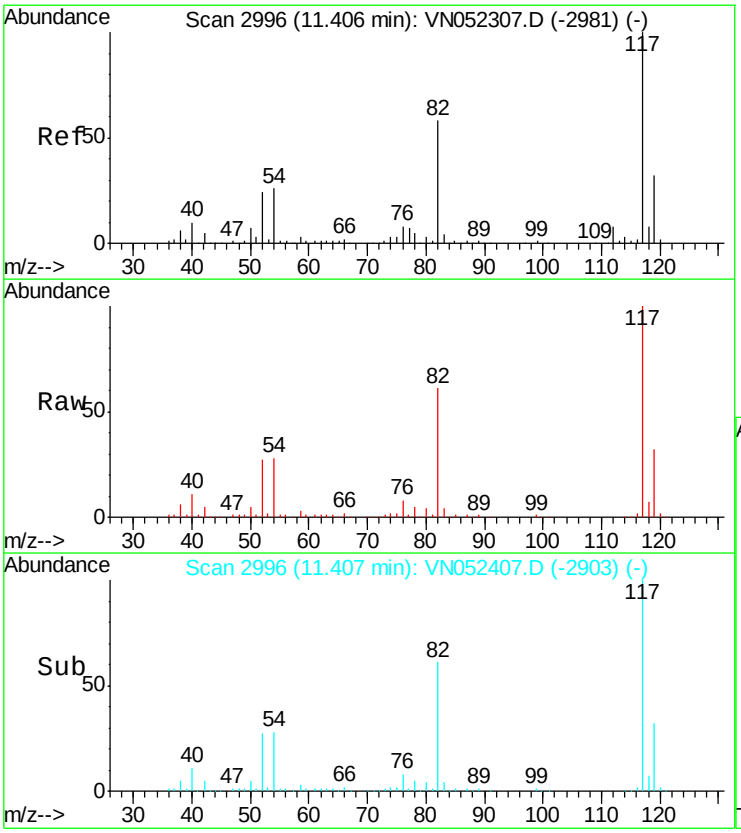
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 95 Resp: 194205

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	156.0
176	71.9	0.0	148.4

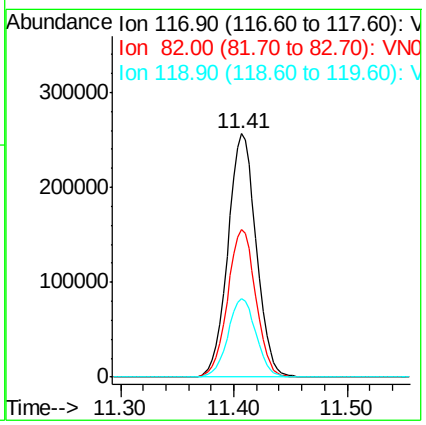


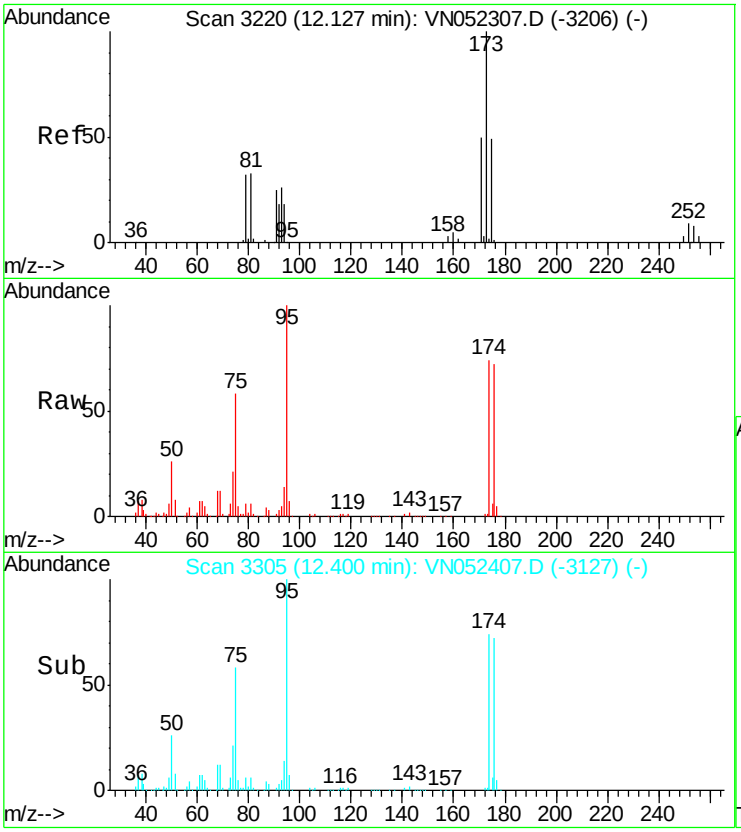


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:117 Resp: 445203

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.5	69.7
119	32.3	25.7	38.5



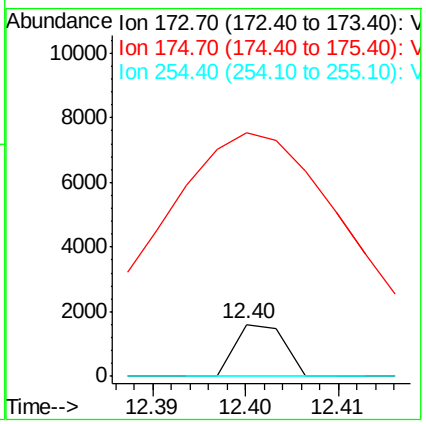


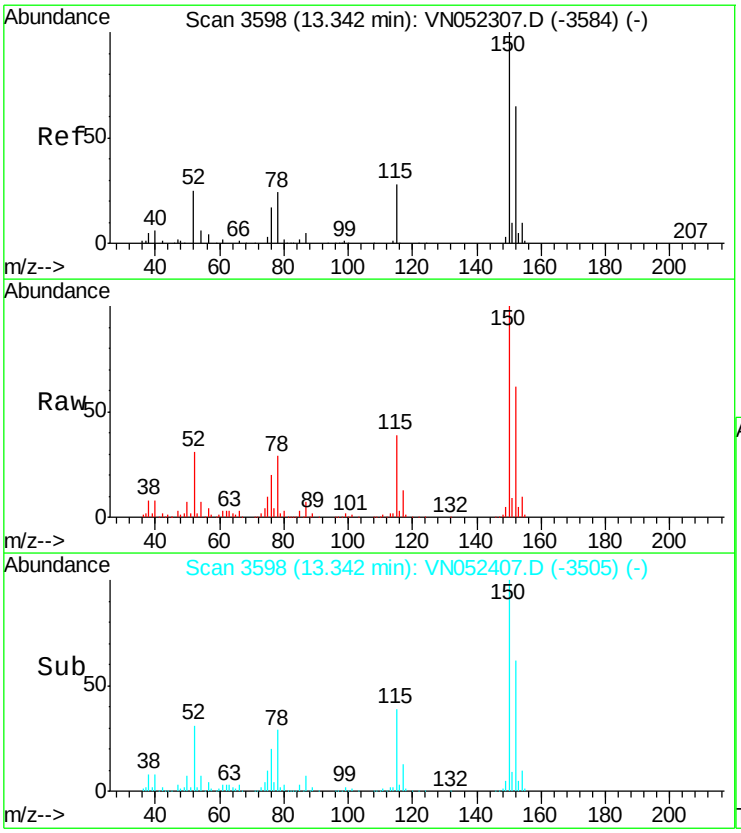
#71
Bromoform
Concen: 0.32 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:173 Resp: 597

Ion	Ratio	Lower	Upper
173	100		
175	1796.1	25.0	75.0#
254	0.0	0.0	0.0

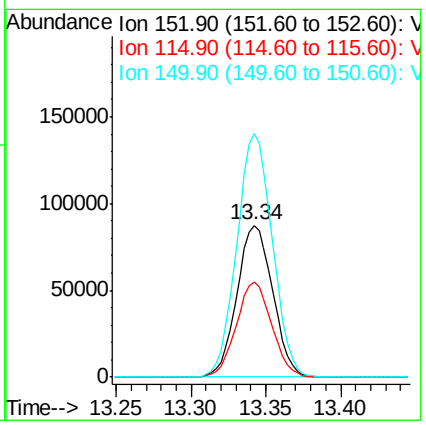


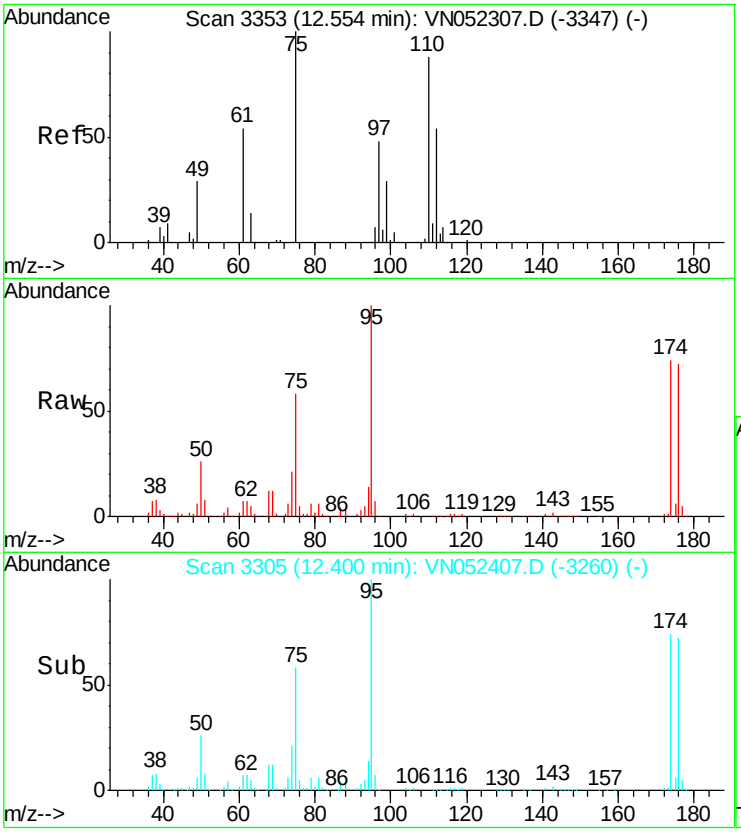


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:152 Resp: 145331

Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.3	91.0
150	159.6	0.0	348.2



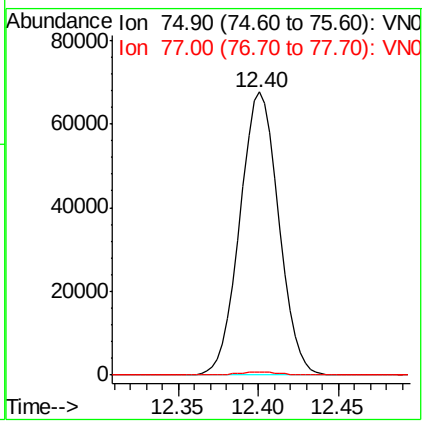


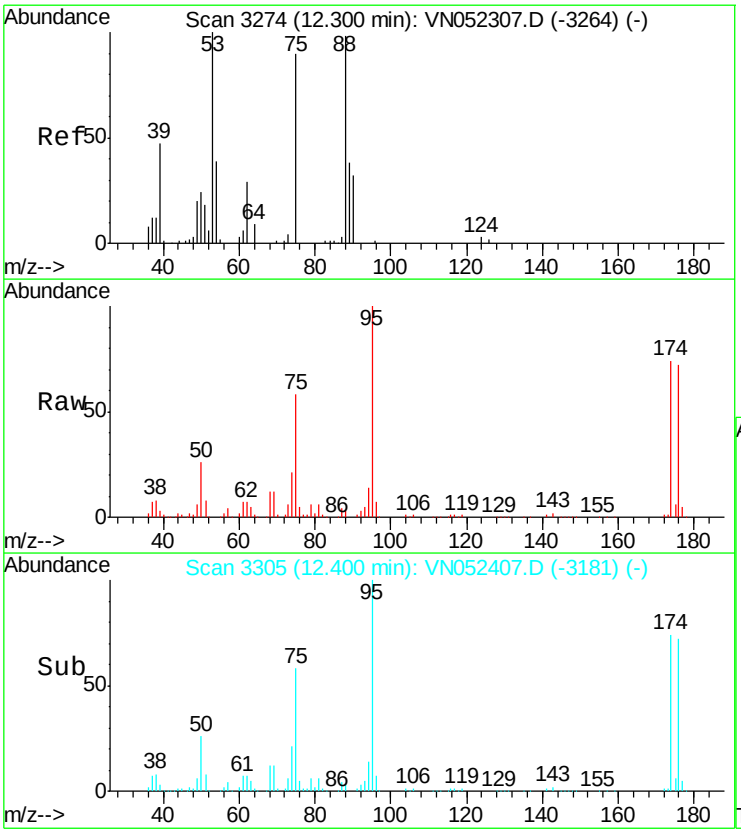
#76
1,2,3-Trichloropropane
Concen: 45.51 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion: 75 Resp: 112227

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

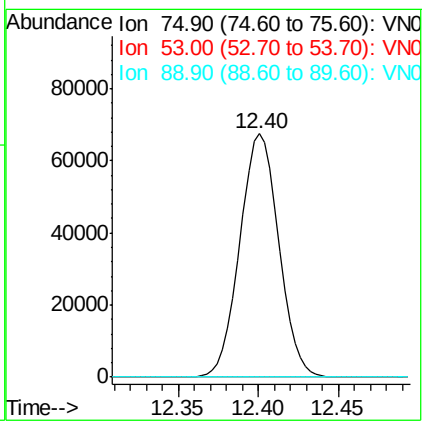


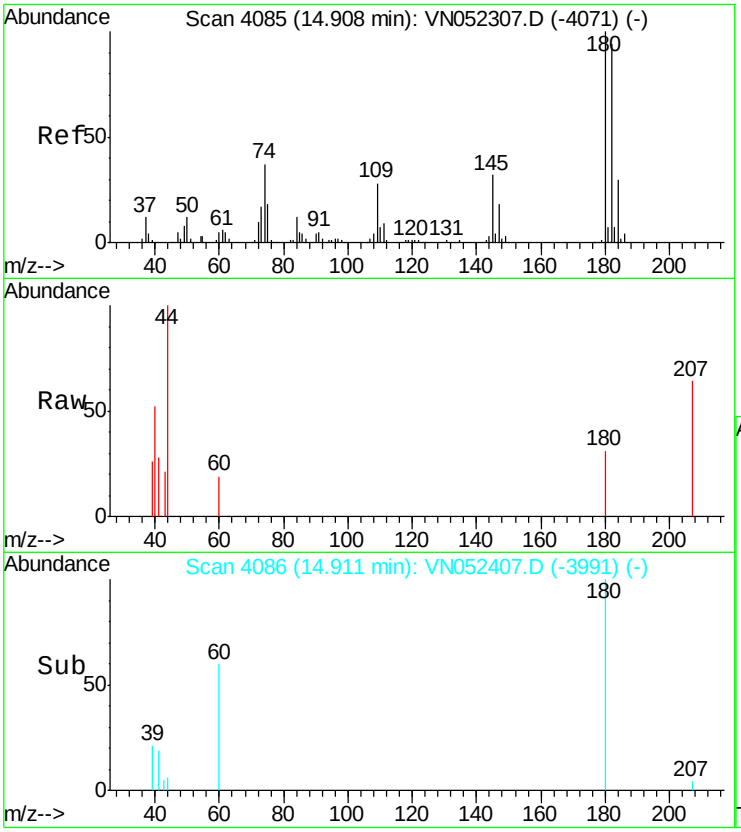


#81
trans-1,4-Dichloro-2-butene
Concen: 147.61 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 112227

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.2	135.2#
89	0.0	35.4	53.0#



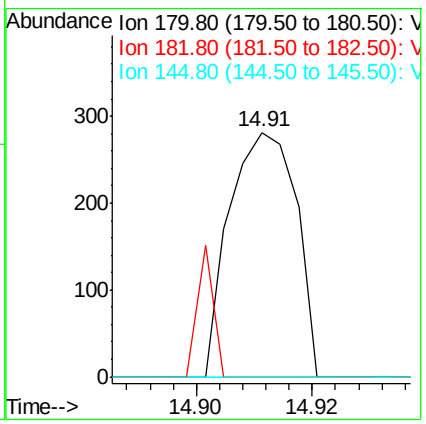


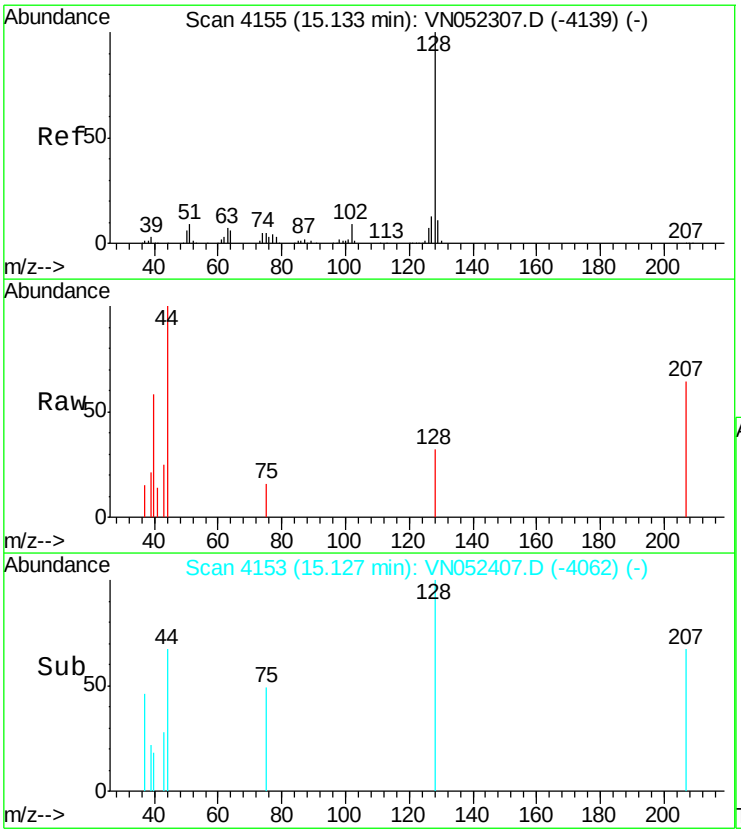
#93
1,2,4-Trichlorobenzene
Concen: 2.36 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_N
ClientSampleId :
PB114952ZHE#01

Tgt Ion:180 Resp: 224

Ion	Ratio	Lower	Upper
180	100		
182	12.9	47.6	142.9#
145	0.0	15.5	46.5#





#95
Naphthalene
Concen: 2.70 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.01 min
Lab File: VN052407.D
Acq: 20 Nov 2018 15:05

Tgt Ion:128 Resp: 501

Ion	Ratio	Lower	Upper
128	100		
127	6.2	10.4	15.6#
129	0.0	8.6	13.0#