Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101918\
Data File : VN051948.D
Acq On : 19 Oct 2018 15:20
Operator : MD\SY
Sample : PB113937ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Quant Time: Oct 19 23:08:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	953582	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1409917	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1242196	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447189	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	531501	60.12 ug/l	0.00
Spiked Amount 50.000			Recovery =	120.24%	
35) Dibromofluoromethane	7.59	113	520504	58.08 ug/l	0.00
Spiked Amount 50.000			Recovery =	116.16%	
50) Toluene-d8	10.09	98	1941756	59.53 ug/l	0.00
Spiked Amount 50.000			Recovery =	119.06%	
62) 4-Bromofluorobenzene	12.40	95	544516	50.01 ug/l	0.00
Spiked Amount 50.000			Recovery =	100.02%	
Target Compounds					Qvalue
5) Bromomethane	2.57	94	1650	Below Cal #	79
13) Acrolein	3.79	56	67	Below Cal #	14
16) Acetone	3.83	43	10723	6.850 ug/l #	84
18) Methyl Acetate	4.34	43	11641	Below Cal #	72
20) Methylene Chloride	4.56	84	9871	1.240 ug/l	93
25) 2-Butanone	6.84	43	1605	0.717 ug/l #	78
29) Tetrahydrofuran	7.21	42	836	0.612 ug/l #	76
31) Cyclohexane	7.67	56	15524	Below Cal #	26
36) 1,1-Dichloropropene	7.67	75	58130	5.312 ug/l #	48
37) Ethyl Acetate	6.94	43	556	Below Cal #	64
38) Carbon Tetrachloride	7.67	117	85355	6.623 ug/l #	16
43) Isopropyl Acetate	8.17	43	332091	32.960 ug/l #	85
48) Methyl methacrylate	9.18	41	6532	1.479 ug/l #	12
49) 1,4-Dioxane	9.20	88	65	0.775 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	1298	0.255 ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	2568	0.215 ug/l #	66
59) 2-Hexanone	10.76	43	19031	5.571 ug/l #	49
71) Bromoform	12.40	173	4333	3.817 ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	272504	50.136 ug/l #	100
79) 2-Chlorotoluene	12.78	91	296	Below Cal	88
81) trans-1,4-Dichloro-2-buten	12.40	75	272504	164.756 ug/l #	14
93) 1,2,4-Trichlorobenzene	14.90	180	76	4.071 ug/l #	13
95) Naphthalene	15.13	128	662	4.103 ug/l #	70

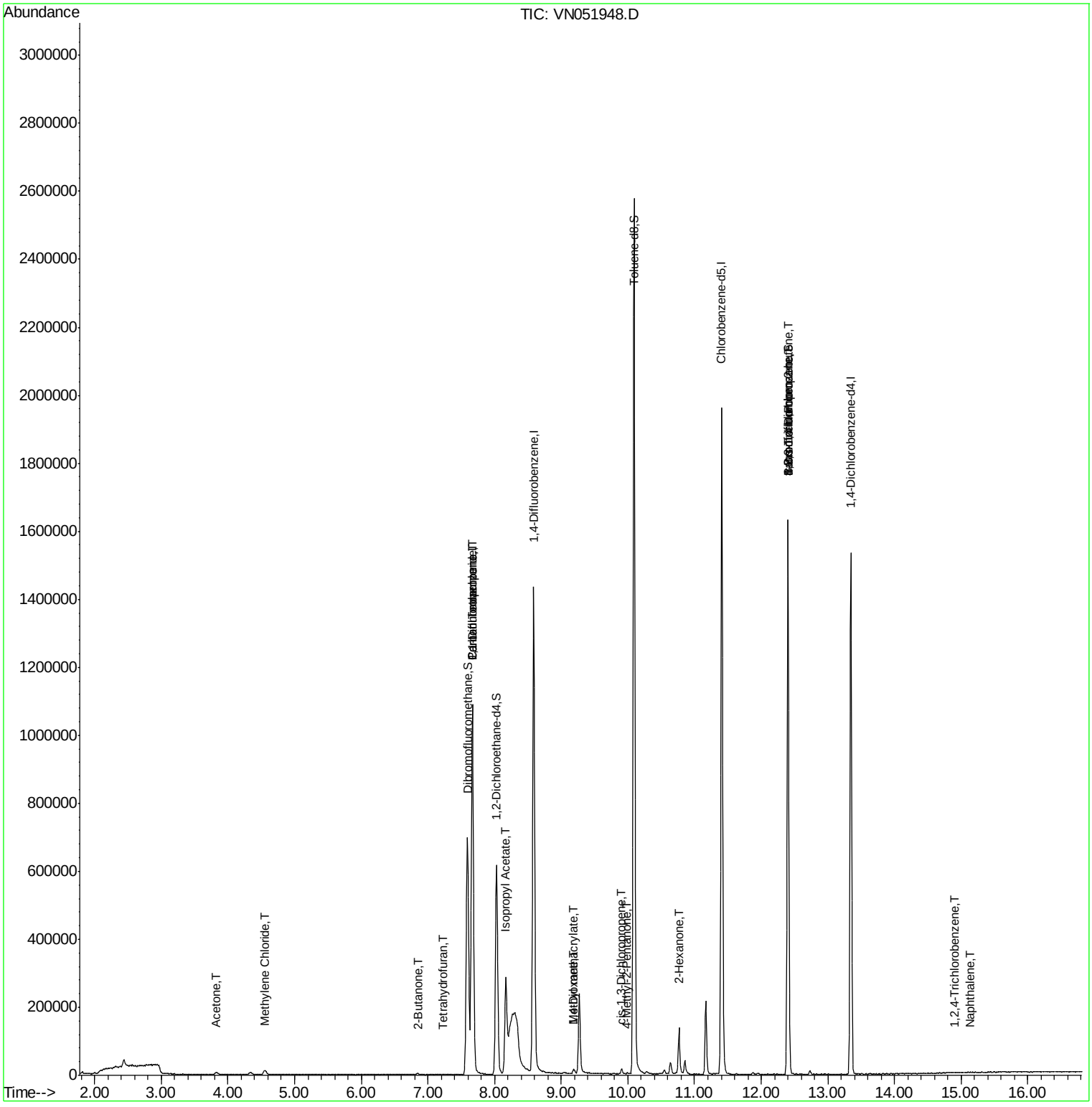
(#) = qualifier out of range (m) = manual integration (+) = signals summed

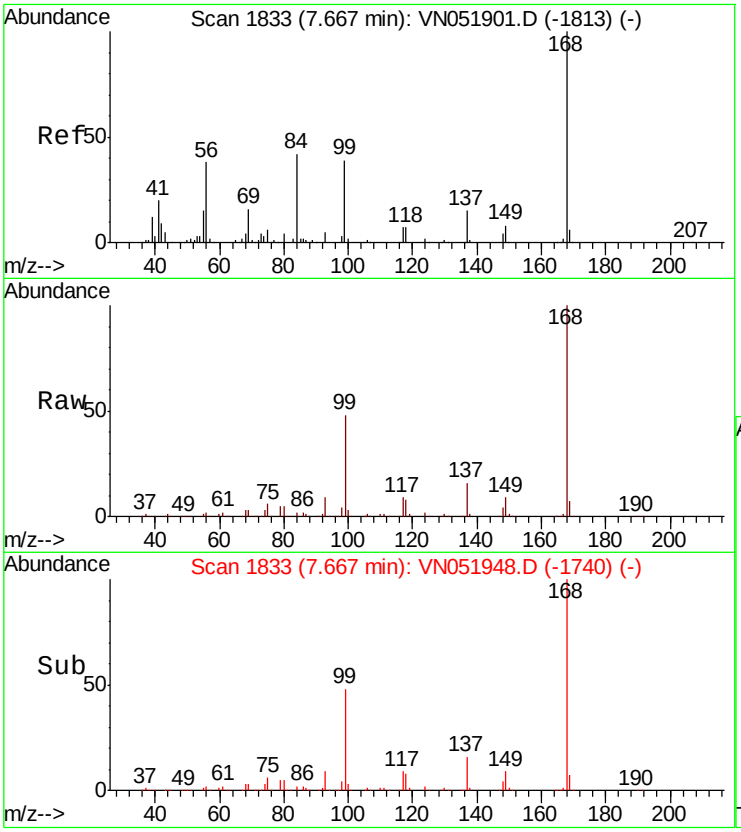
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101918\
Data File : VN051948.D
Acq On : 19 Oct 2018 15:20
Operator : MD\SY
Sample : PB113937ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Quant Time: Oct 19 23:08:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration



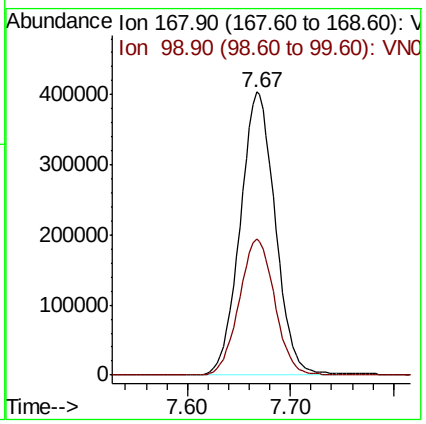


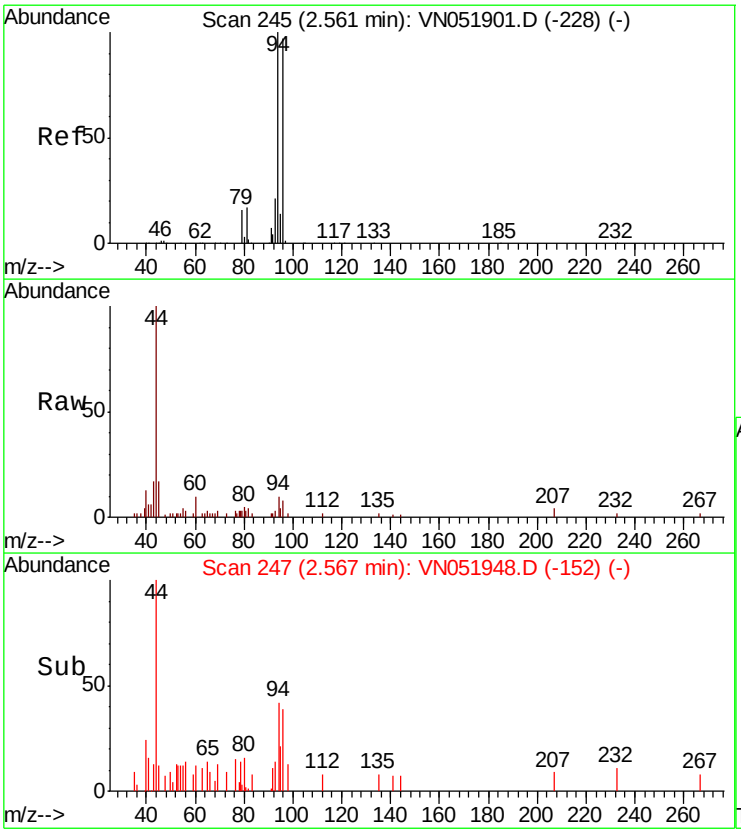
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion:168 Resp: 953582

Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.2	58.8

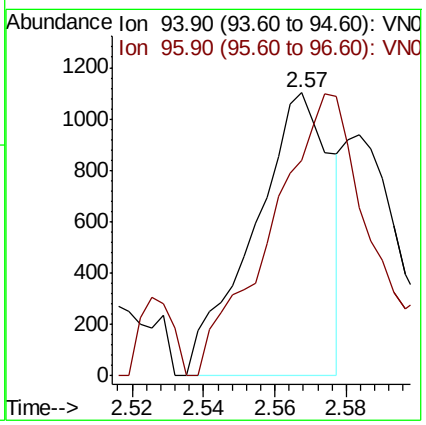


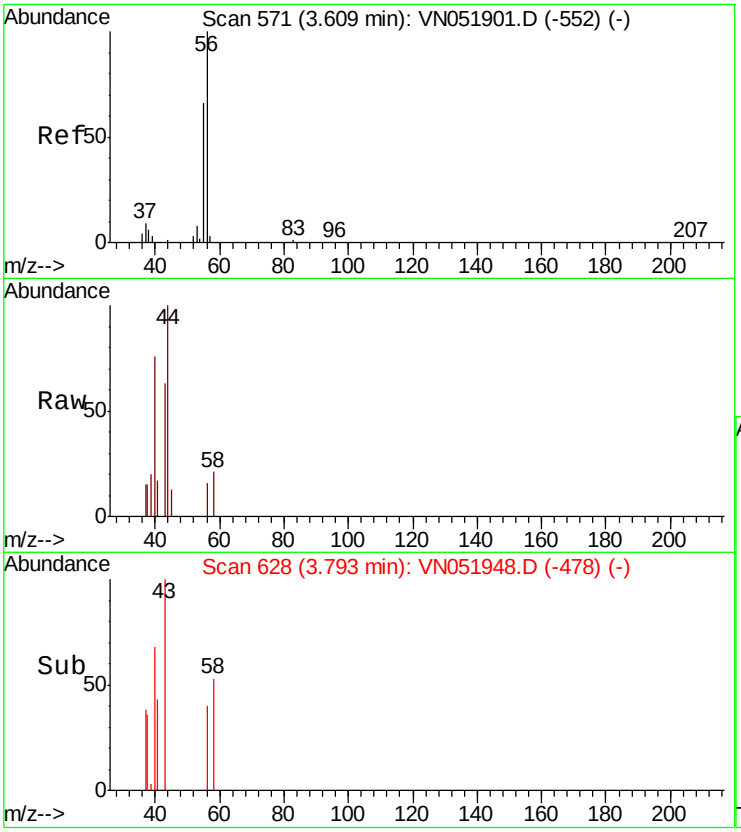


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 94 Resp: 1650

Ion	Ratio	Lower	Upper
94	100		
96	76.3	77.5	116.3#



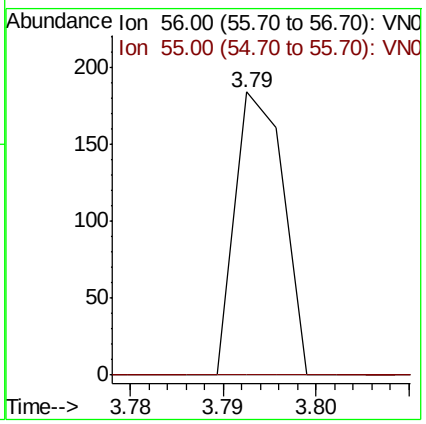


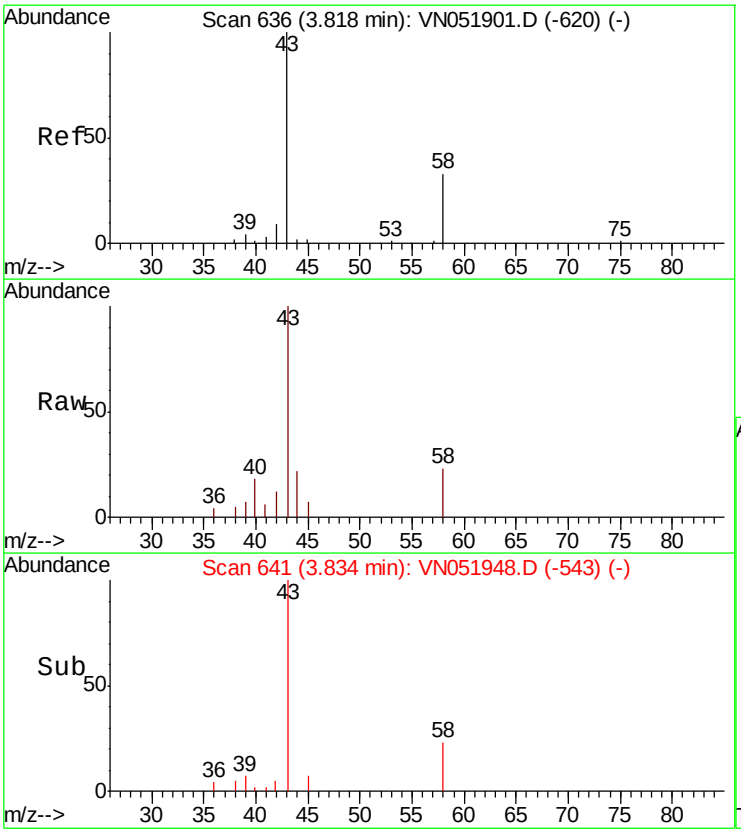
#13
Acrolein
Concen: Below Cal
RT: 3.79 min Scan# 628
Delta R.T. 0.18 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

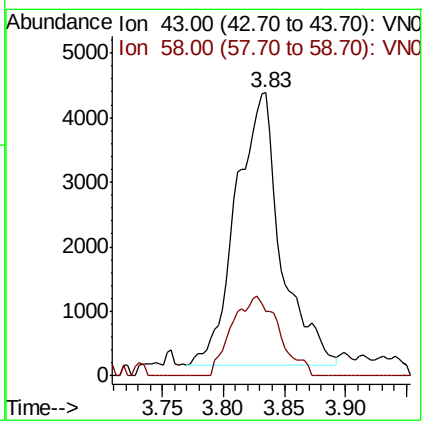


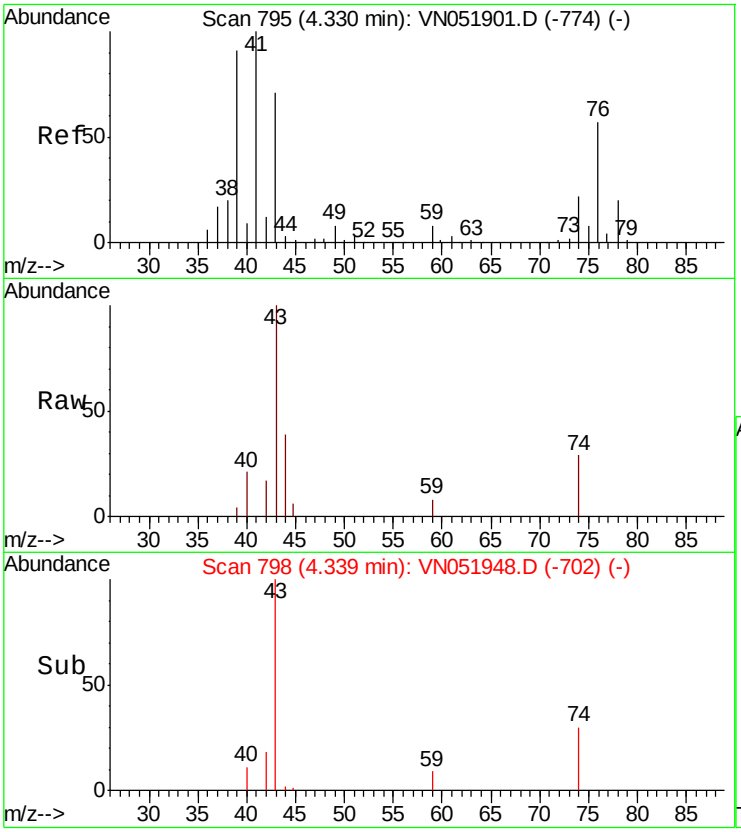


#16
Acetone
Concen: 6.850 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 10723

Ion	Ratio	Lower	Upper
43	100		
58	23.7	25.9	38.9#



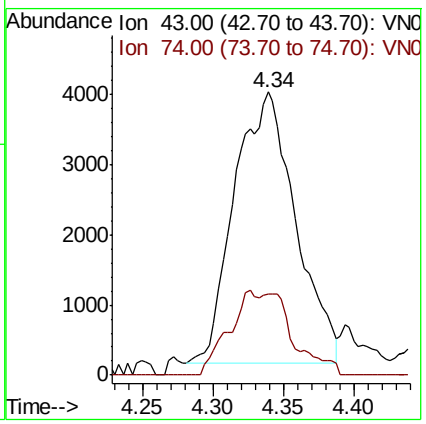


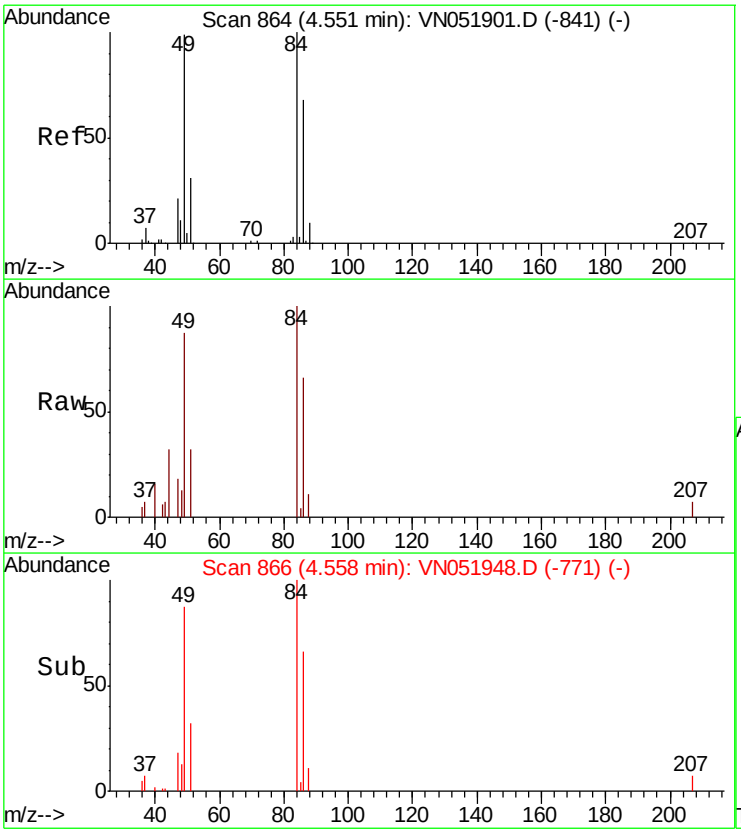
#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Tgt Ion: 43 Resp: 11641

Ion	Ratio	Lower	Upper
43	100		
74	15.6	24.9	37.3#

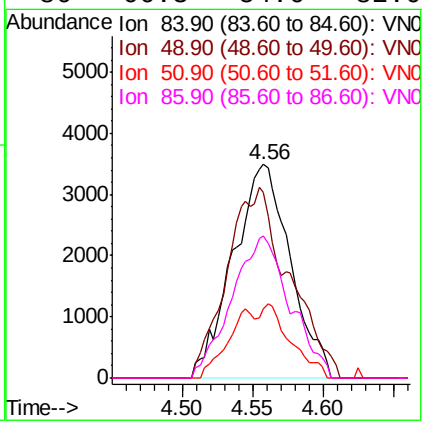


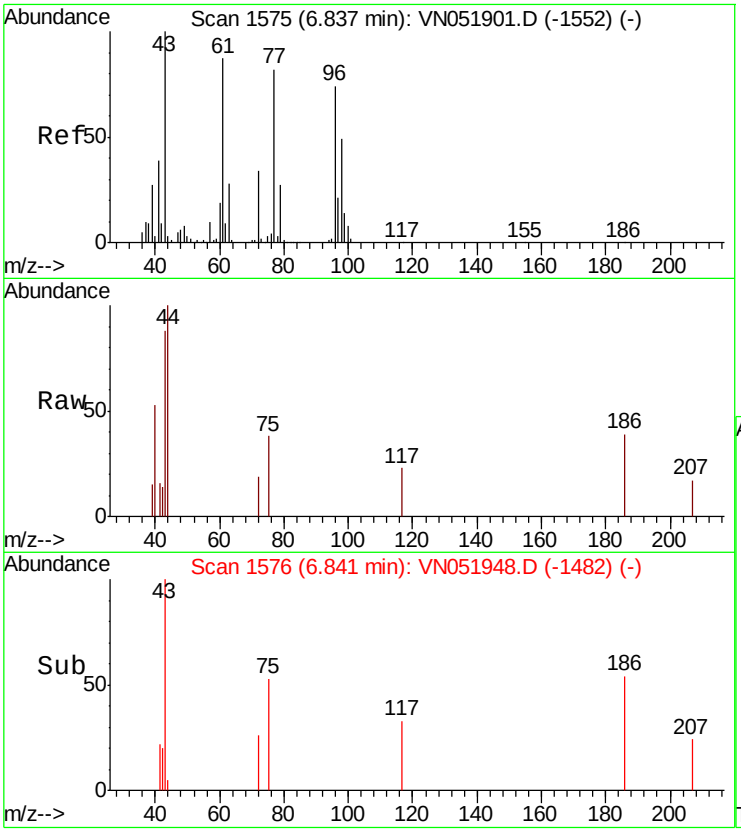


#20
Methylene Chloride
Concen: 1.240 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 84 Resp: 9871

Ion	Ratio	Lower	Upper
84	100		
49	86.9	79.0	118.4
51	32.4	24.9	37.3
86	66.3	54.6	82.0



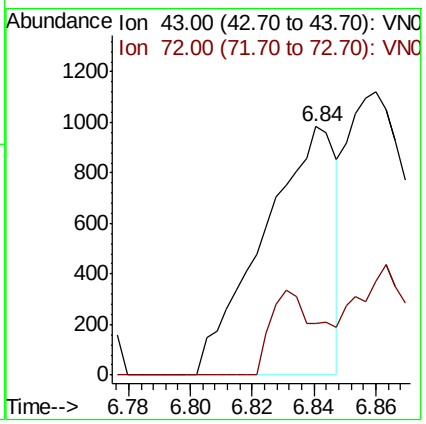


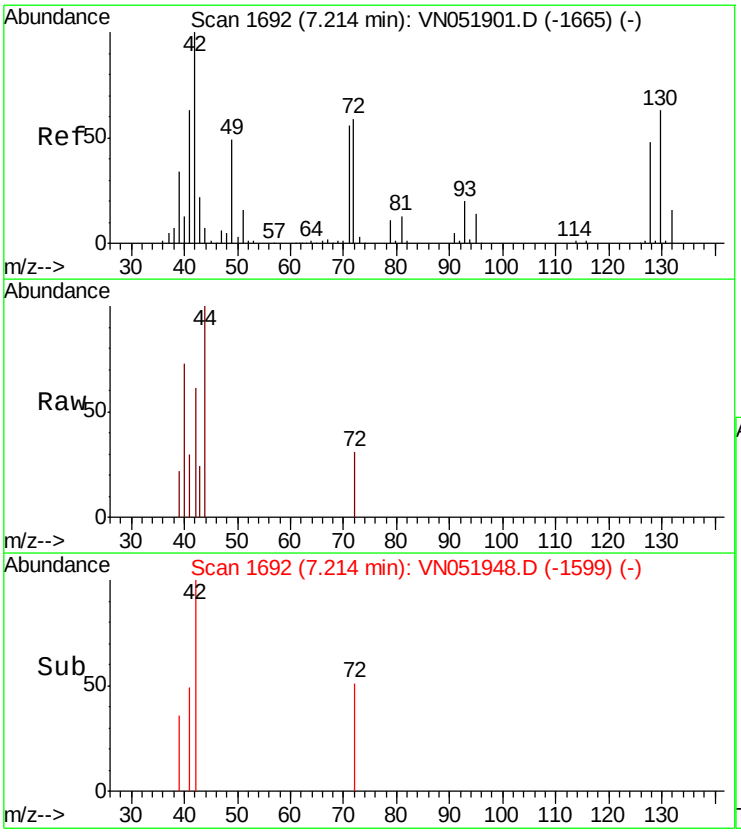
#25
2-Butanone
Concen: 0.717 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Tgt Ion: 43 Resp: 1605

Ion	Ratio	Lower	Upper
43	100		
72	21.0	27.0	40.6#

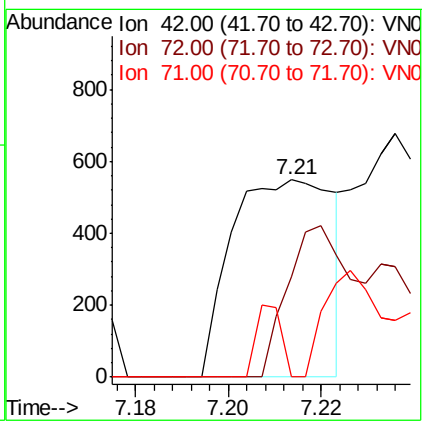


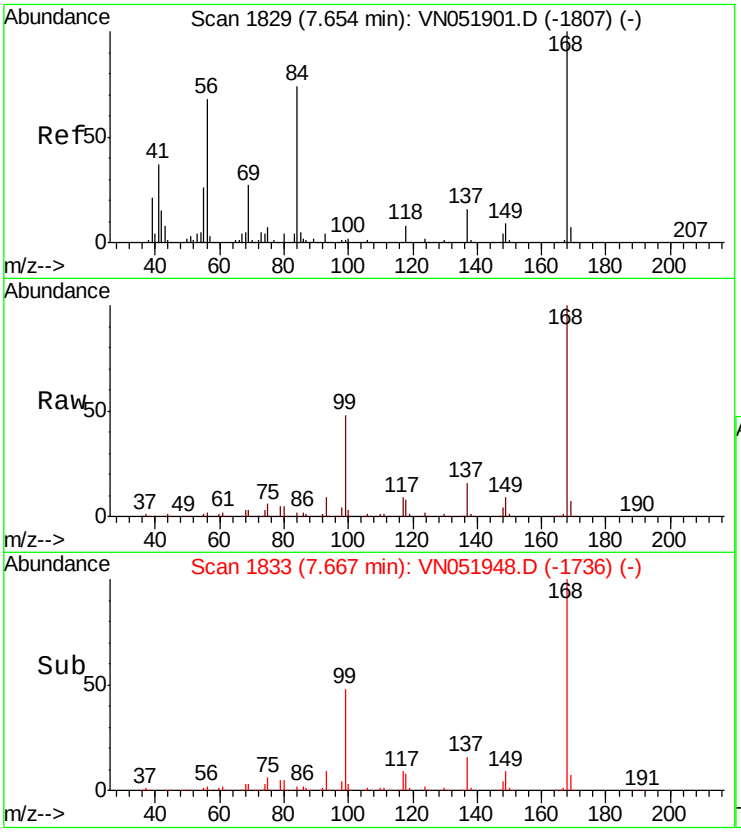


#29
Tetrahydrofuran
Concen: 0.612 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 42 Resp: 836

Ion	Ratio	Lower	Upper
42	100		
72	49.5	47.7	71.5
71	30.3	45.4	68.0#



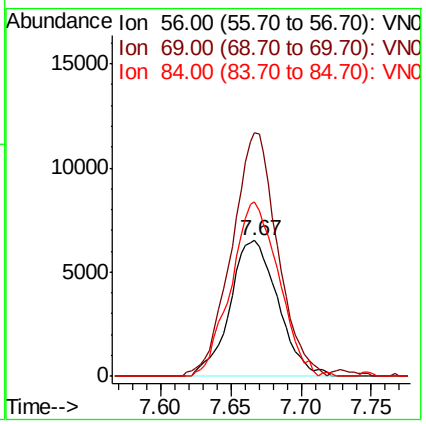


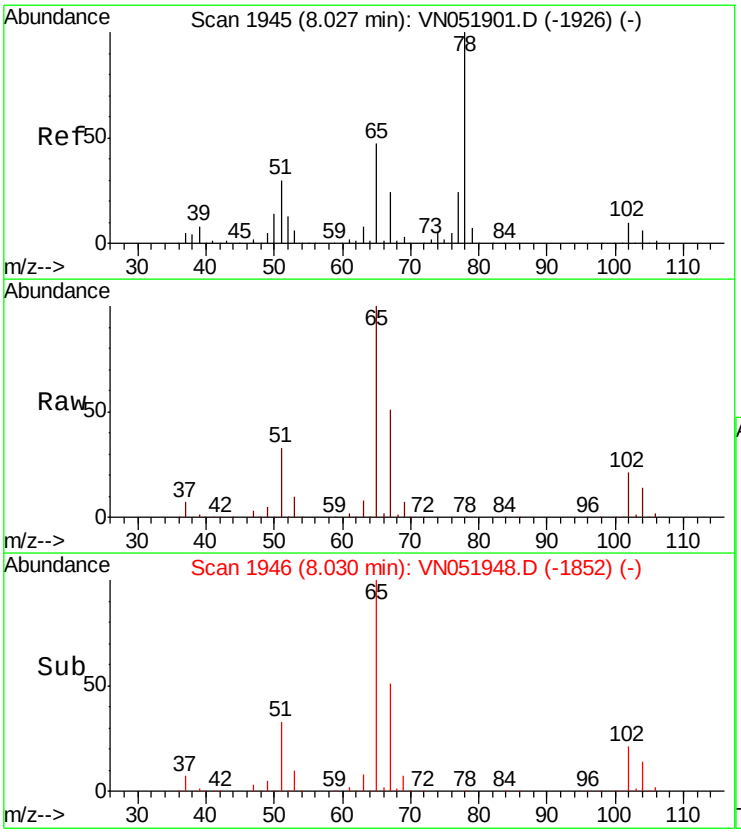
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Tgt Ion: 56 Resp: 15524

Ion	Ratio	Lower	Upper
56	100		
69	176.6	31.2	46.8#
84	128.8	86.6	130.0

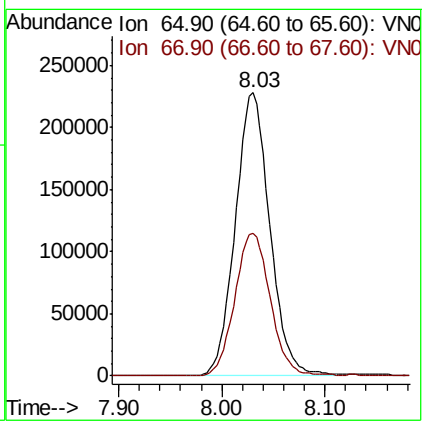


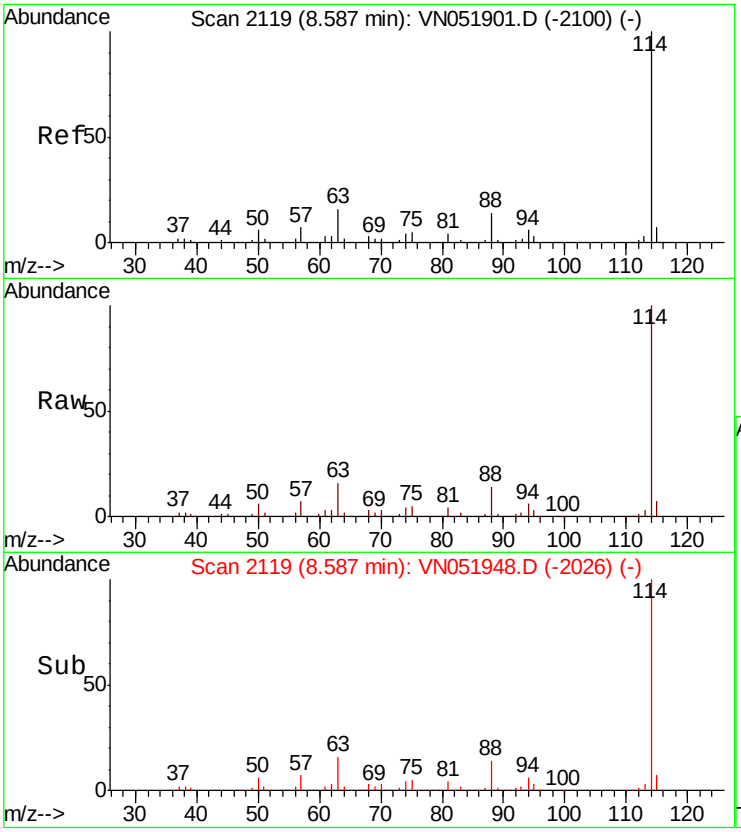


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 65 Resp: 531501

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0



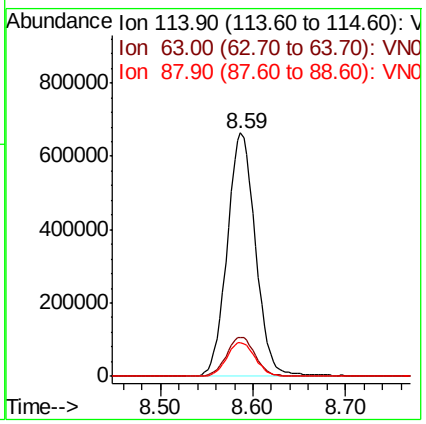


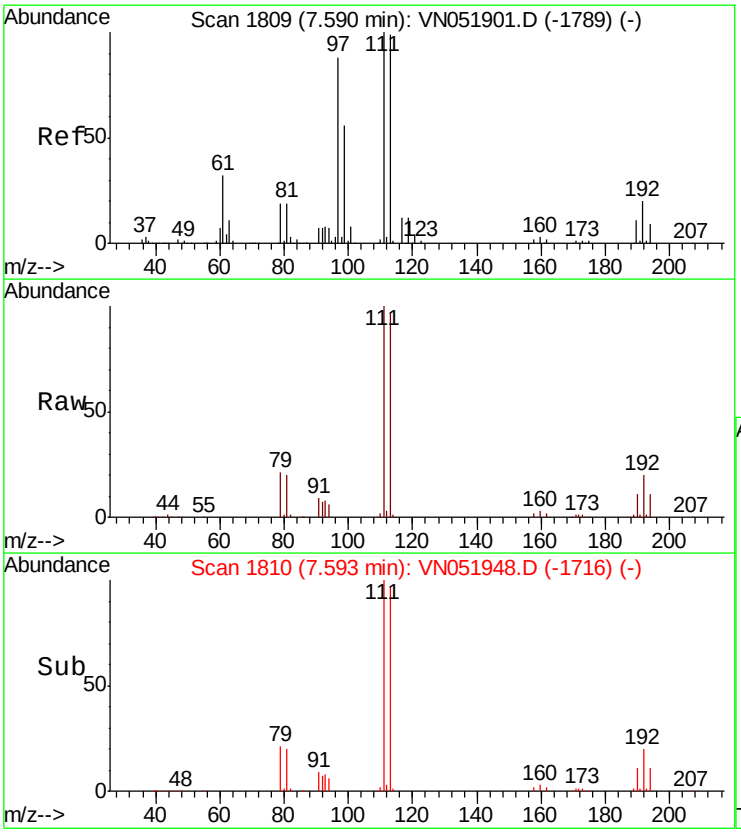
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion:114 Resp: 1409917

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	31.8
88	14.0	0.0	28.0

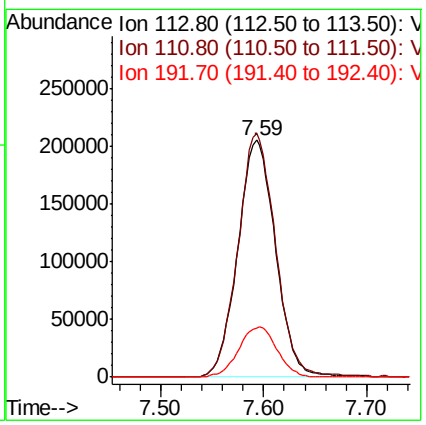


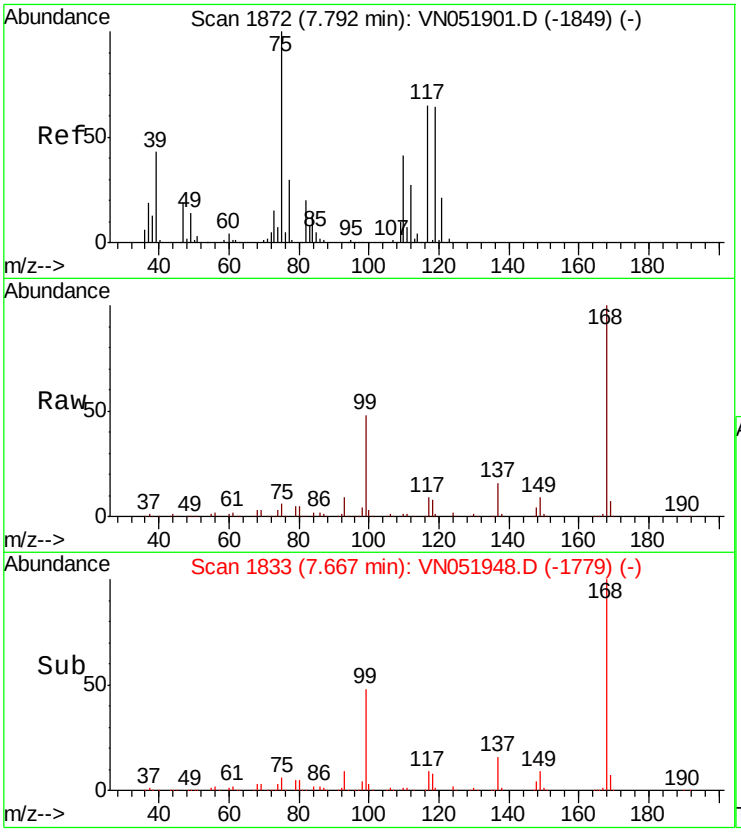


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion:113 Resp: 520504

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.8	17.3	25.9



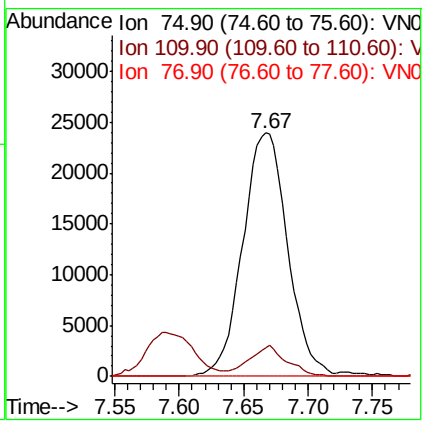


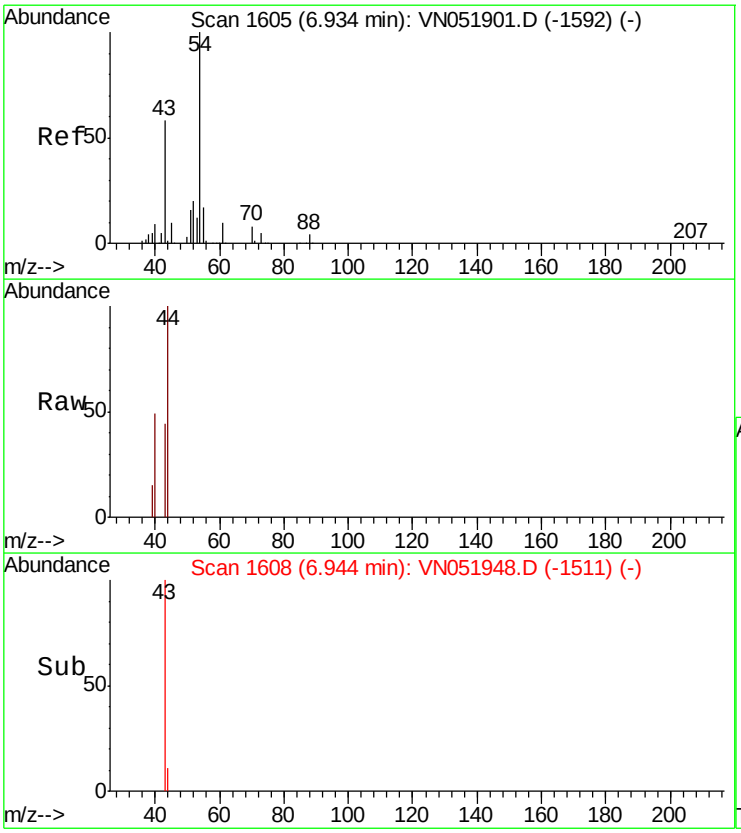
#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 75 Resp: 58130

Ion	Ratio	Lower	Upper
75	100		
110	10.7	21.0	63.0#
77	0.0	24.9	37.3#

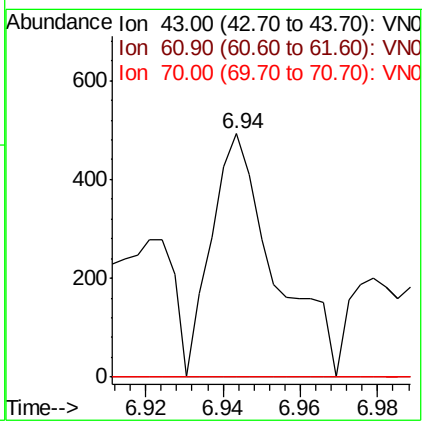


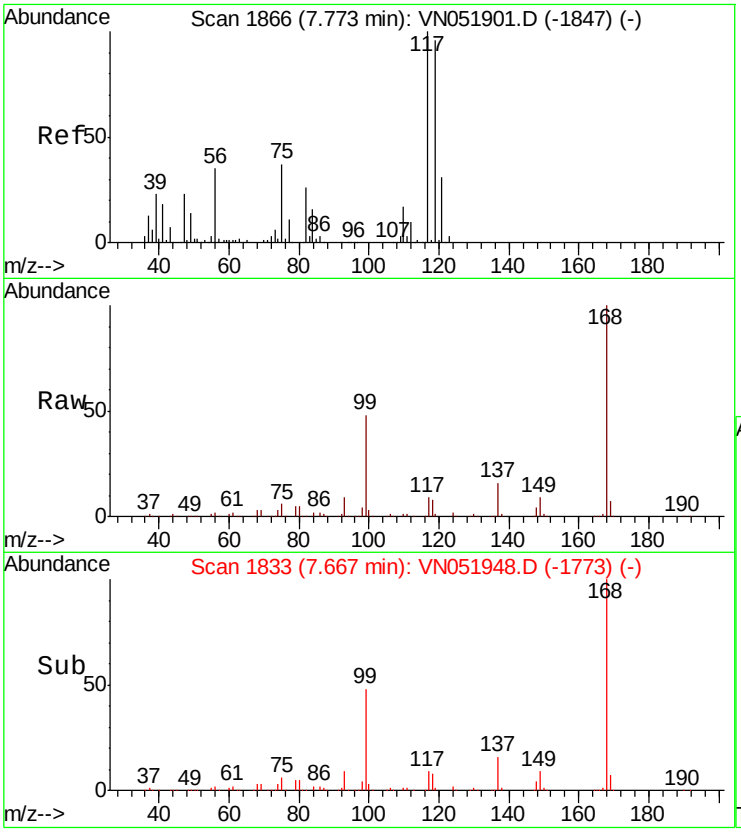


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 556

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.6#
70	0.0	10.4	15.6#



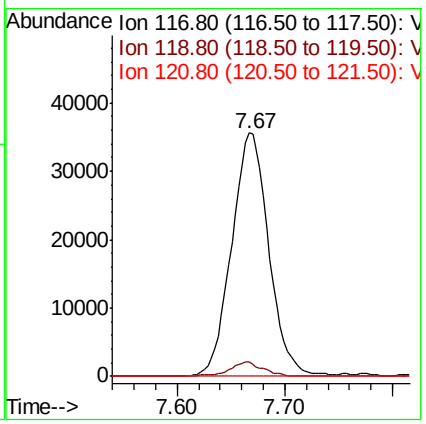


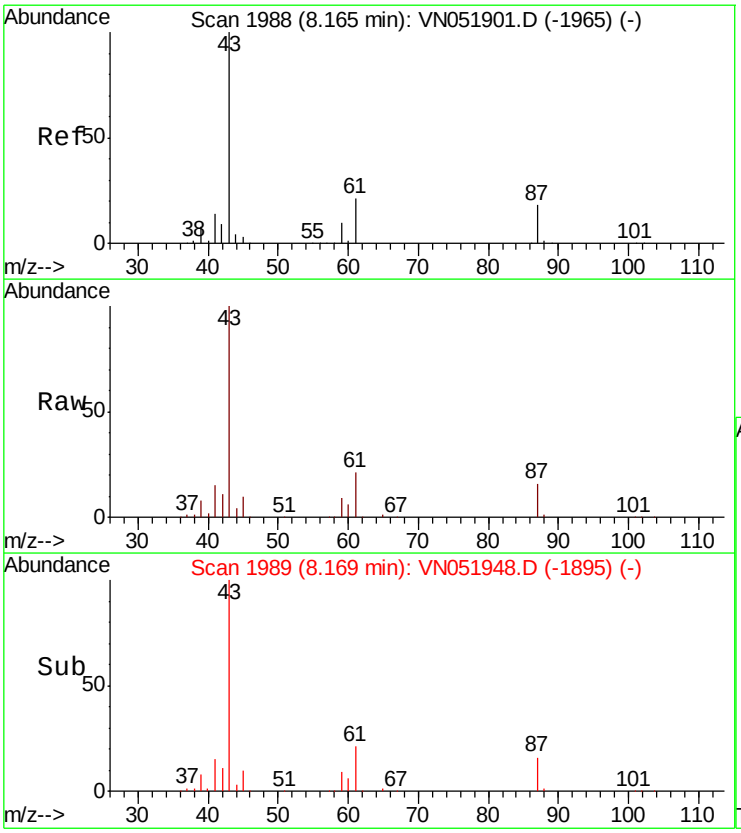
#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Tgt Ion:117 Resp: 85355

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.0	115.6#
121	0.0	25.1	37.7#

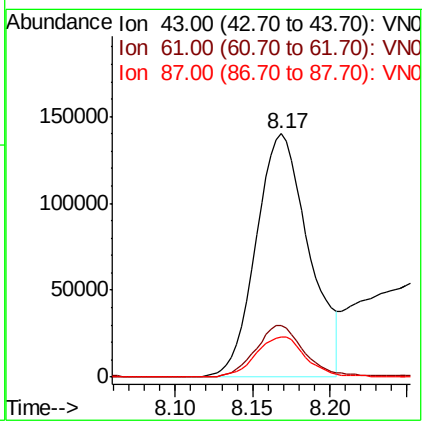


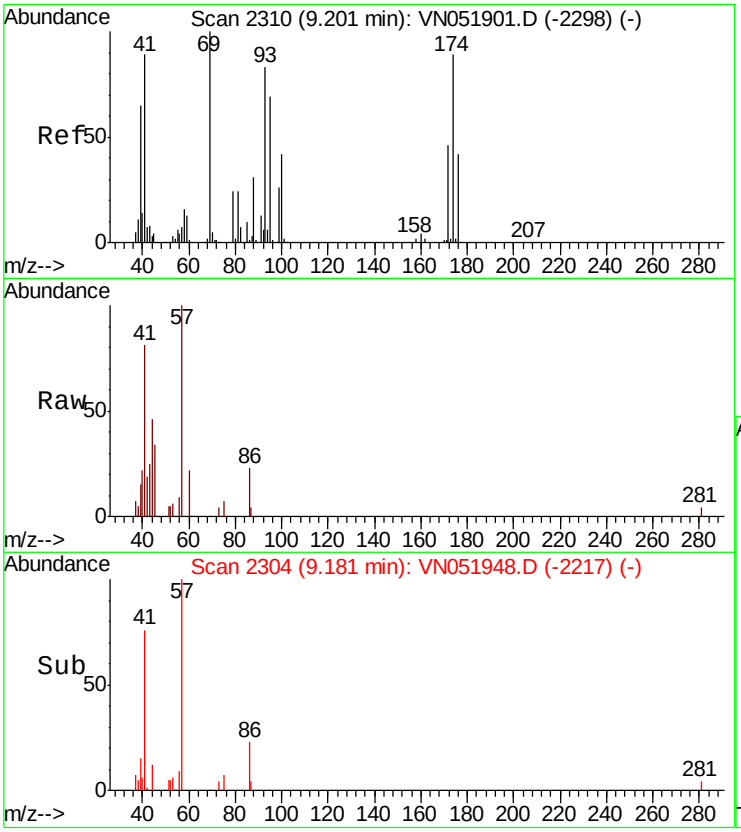


#43
Isopropyl Acetate
Concen: 32.960 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 332091

Ion	Ratio	Lower	Upper
43	100		
61	19.7	24.9	37.3#
87	15.8	14.6	22.0



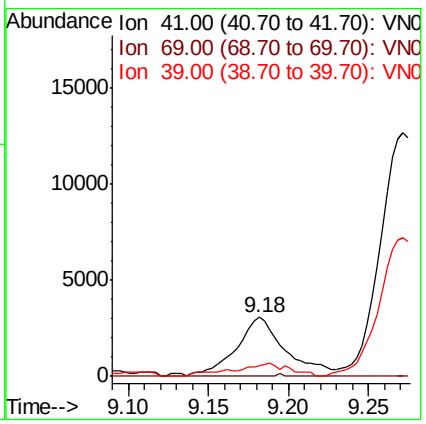


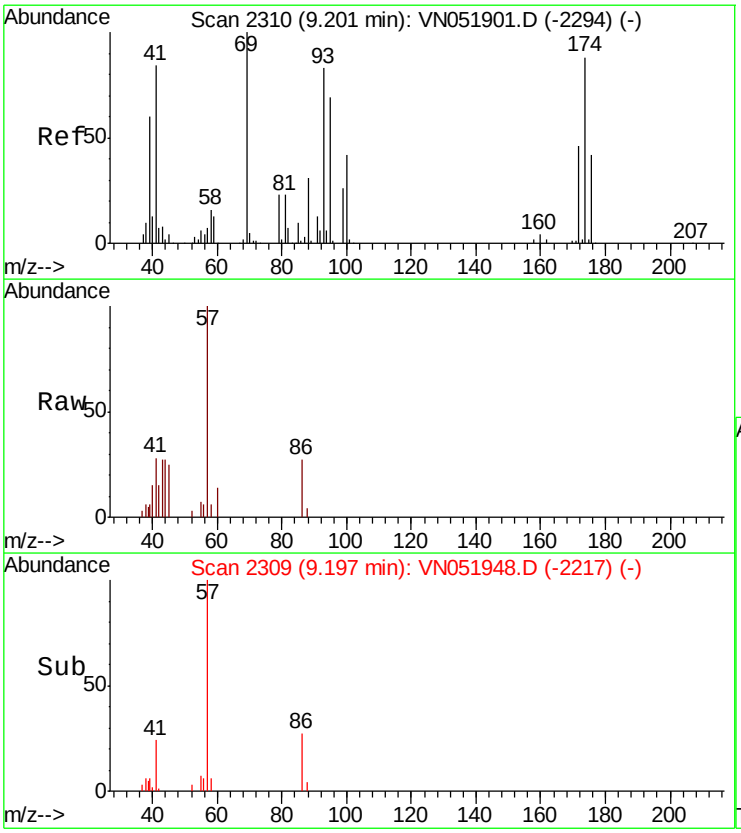
#48
Methyl methacrylate
Concen: 1.479 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 41 Resp: 6532

Ion	Ratio	Lower	Upper
41	100		
69	0.5	90.2	135.2#
39	22.4	59.7	89.5#

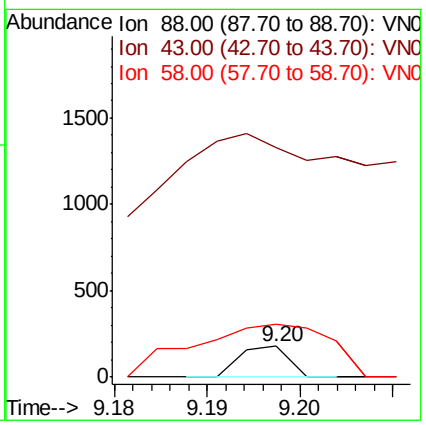


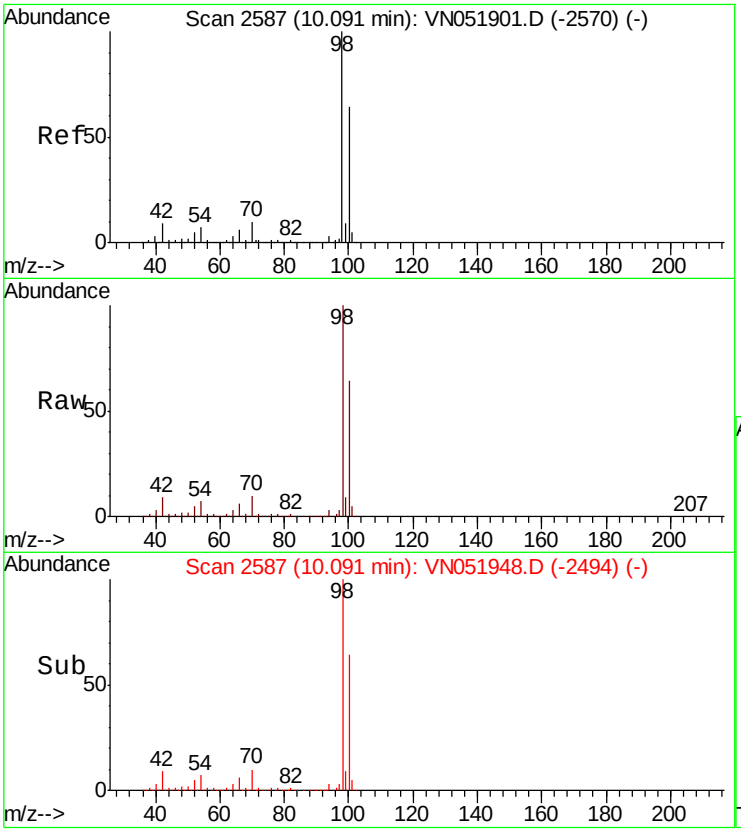


#49
1,4-Dioxane
Concen: 0.775 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.7	29.5#
58	487.7	42.6	64.0#



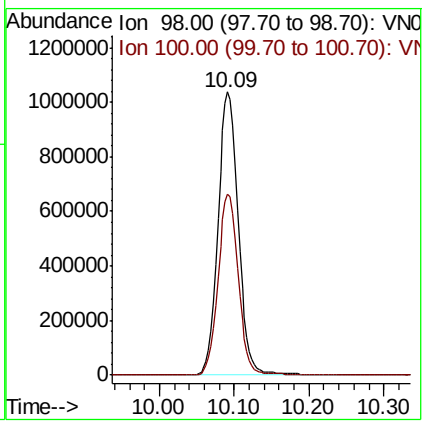


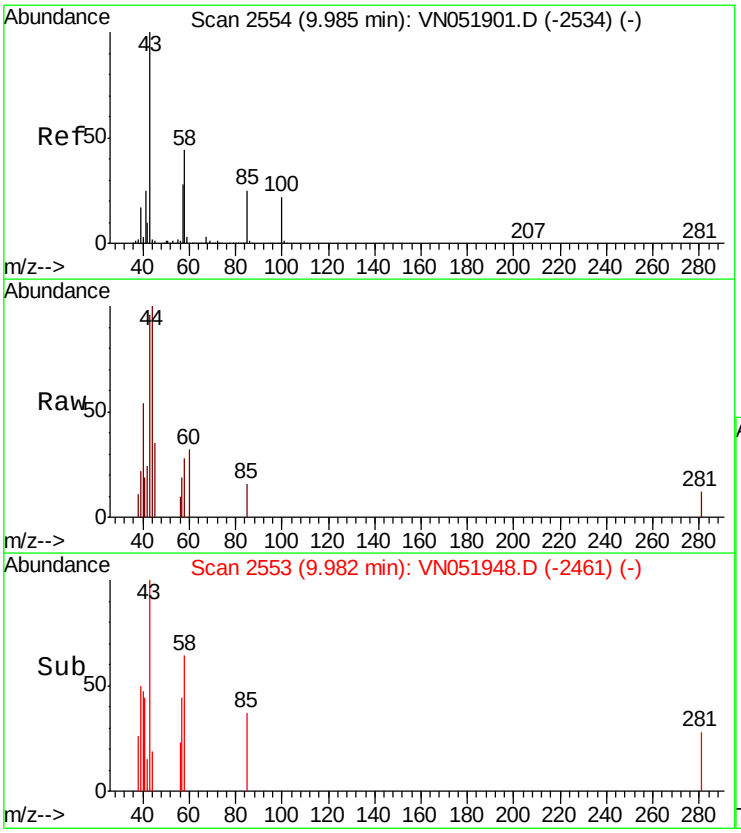
#50
Toluene-d8
Concen: 0.775 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#09

Tgt Ion: 98 Resp: 1941756

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.0	76.4

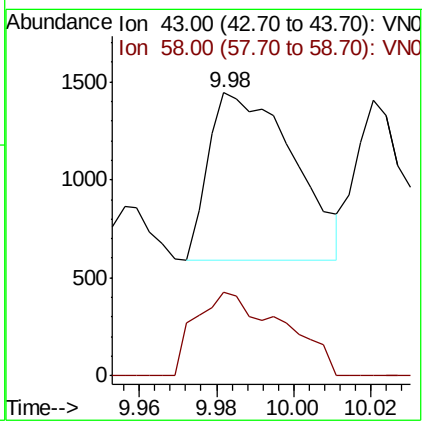


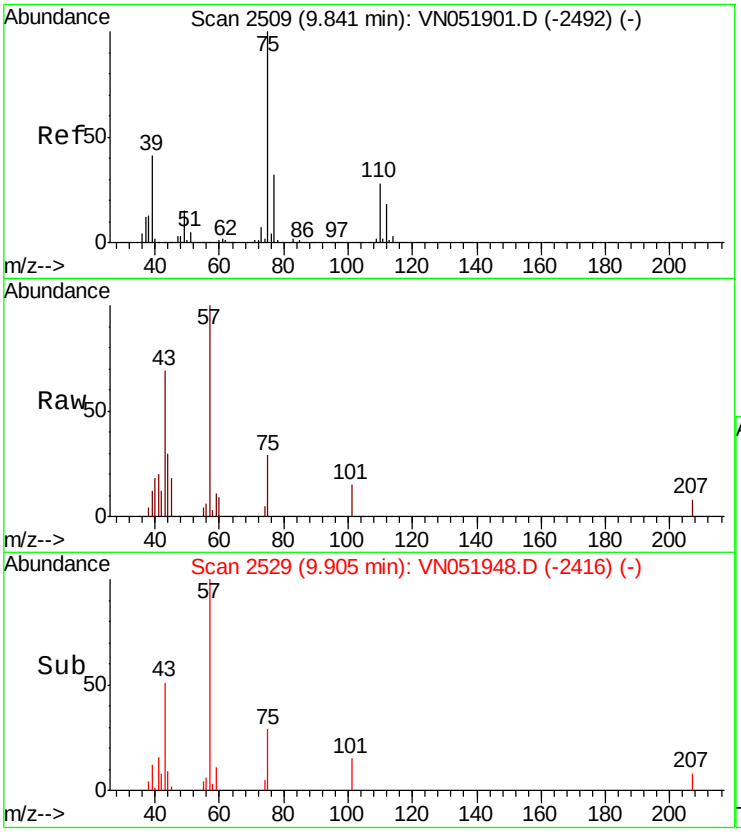


#51
4-Methyl-2-Pentanone
Concen: 0.255 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 1298

Ion	Ratio	Lower	Upper
43	100		
58	51.5	34.6	52.0



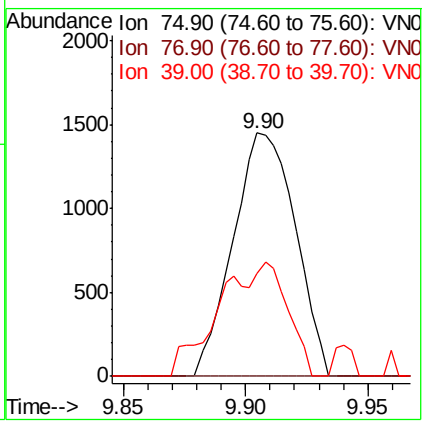


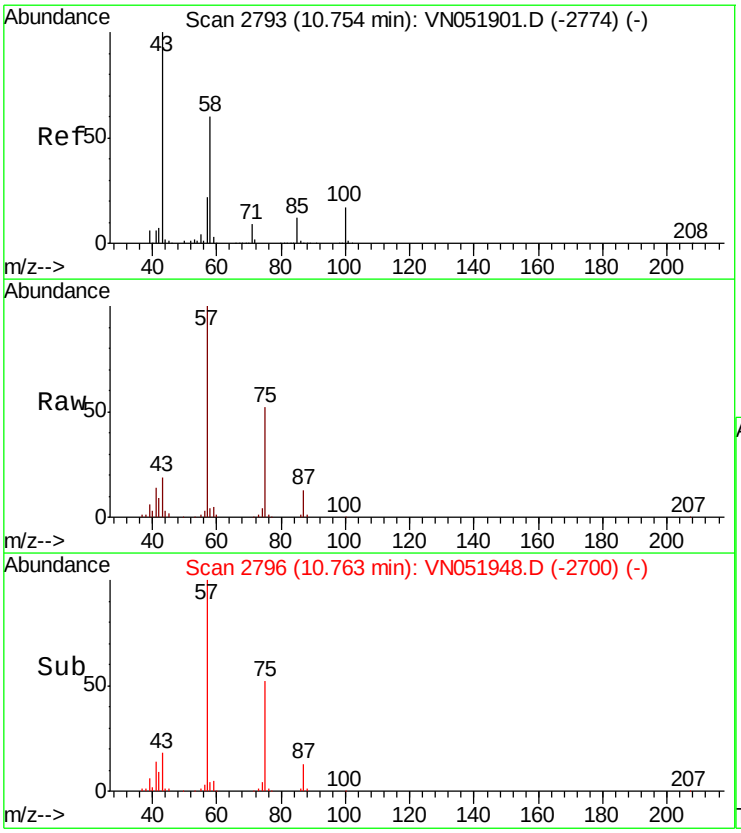
#54
cis-1,3-Dichloropropene
Concen: 0.215 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 75 Resp: 2568

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	30.3	32.8	49.2#

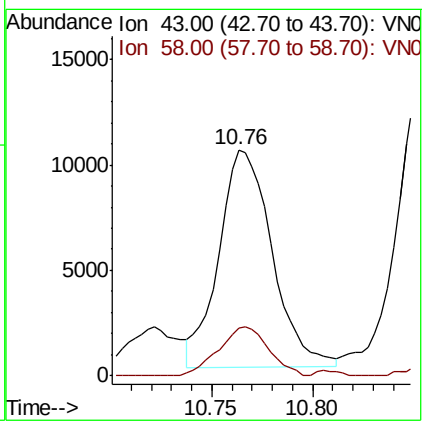


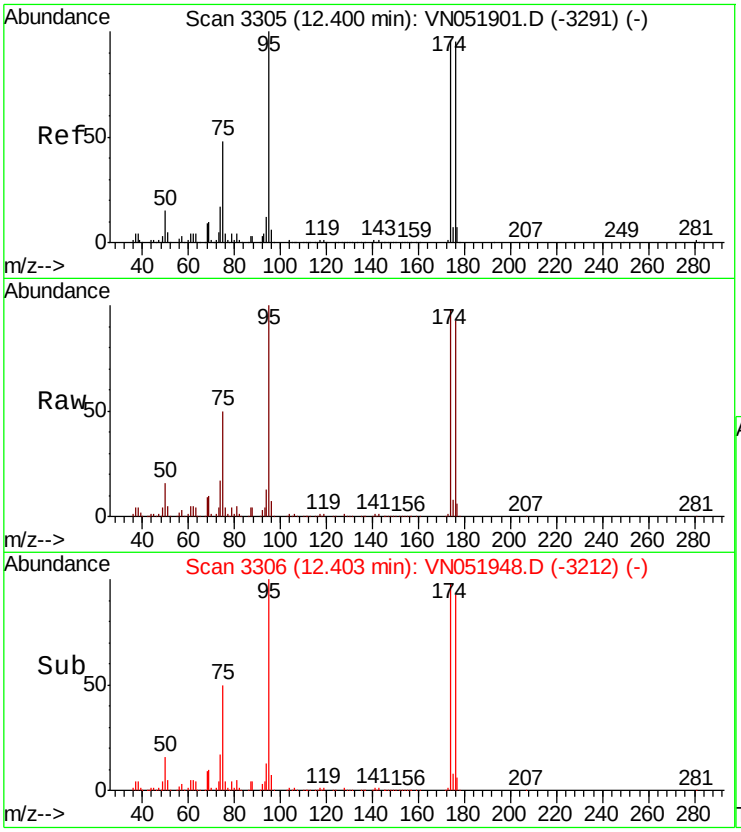


#59
2-Hexanone
Concen: 5.571 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 43 Resp: 19031

Ion	Ratio	Lower	Upper
43	100		
58	21.1	29.8	89.5#



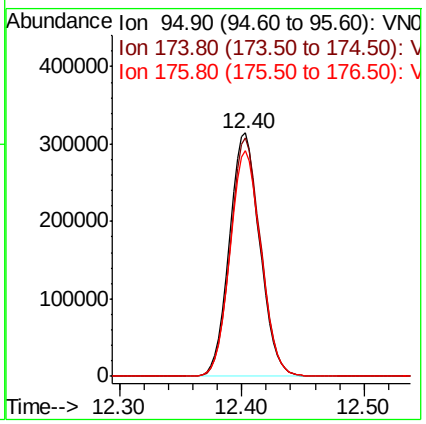


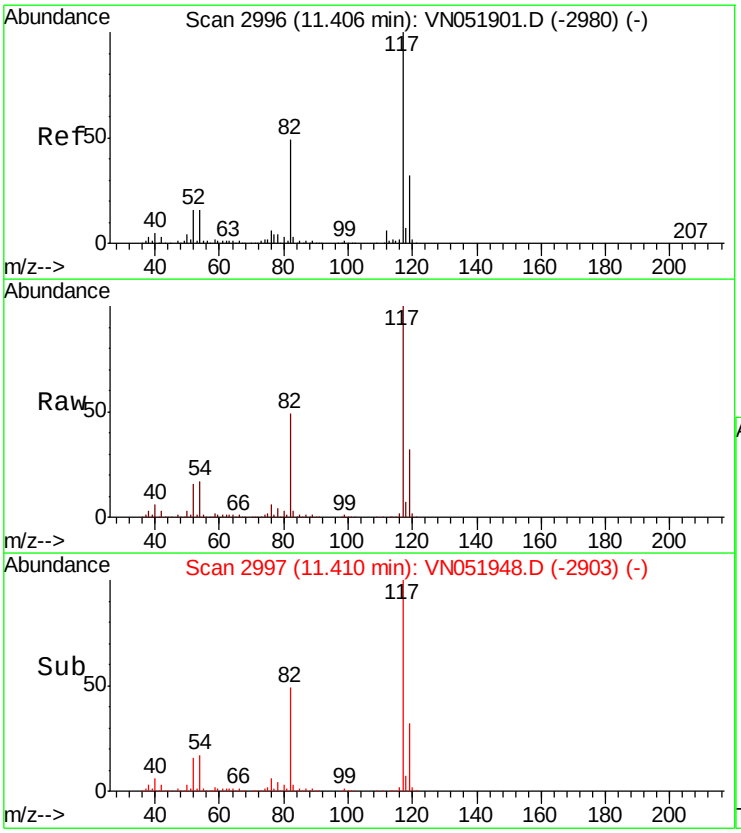
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 95 Resp: 544516

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	195.0
176	94.2	0.0	191.4

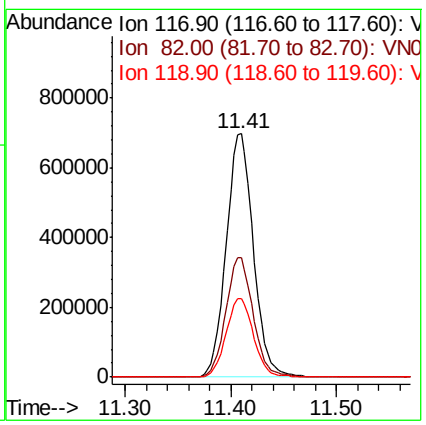


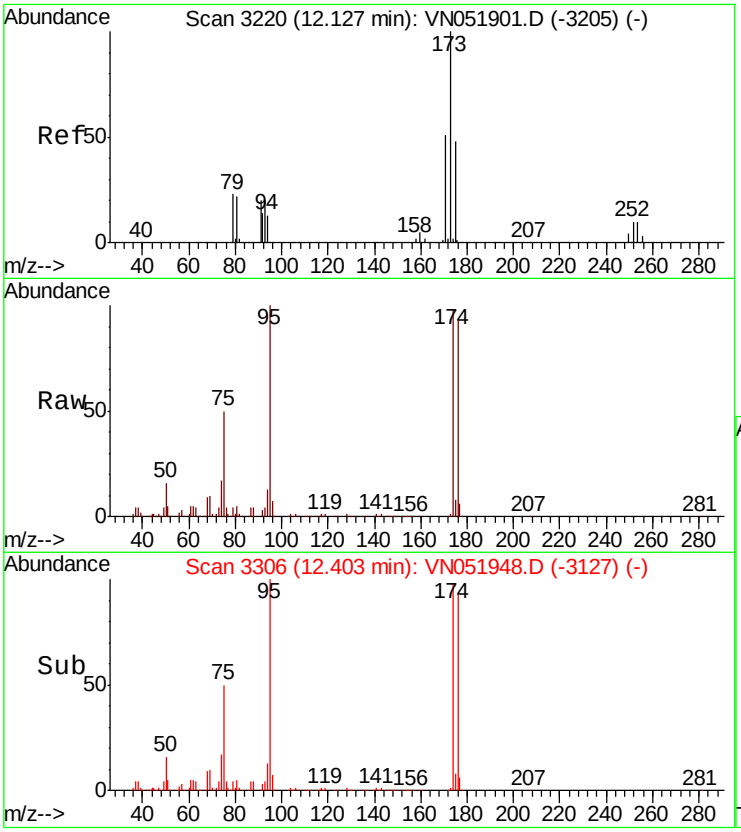


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion:117 Resp: 1242196

Ion	Ratio	Lower	Upper
117	100		
82	48.8	38.9	58.3
119	32.4	25.9	38.9



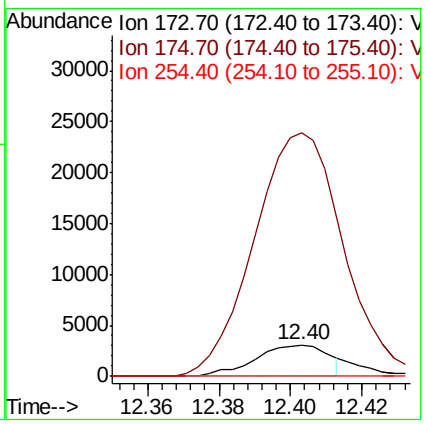


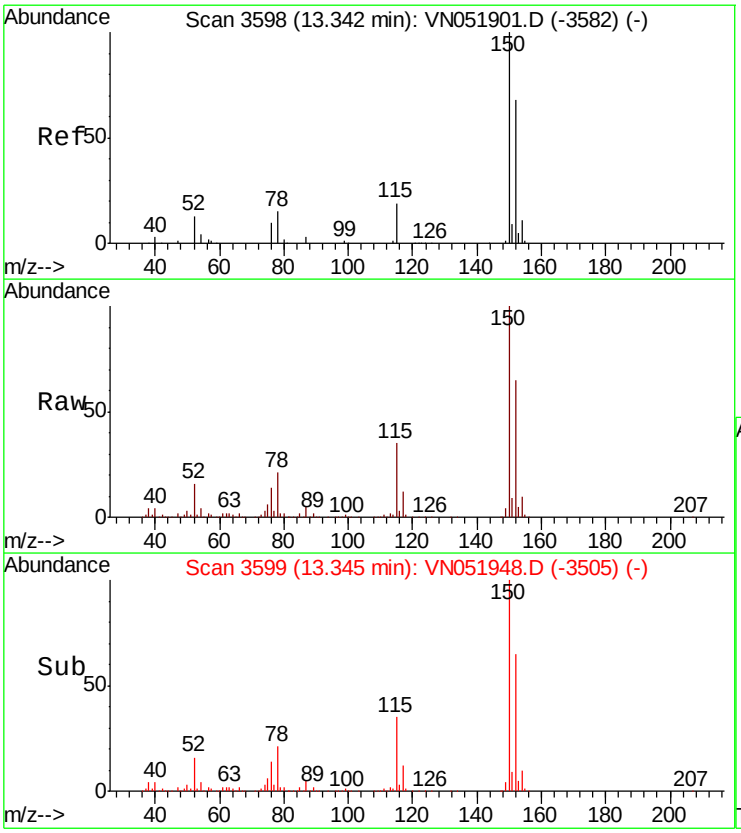
#71
Bromoform
Concen: 3.817 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion:173 Resp: 4333

Ion	Ratio	Lower	Upper
173	100		
175	818.2	24.0	72.0#
254	0.0	0.2	0.2#

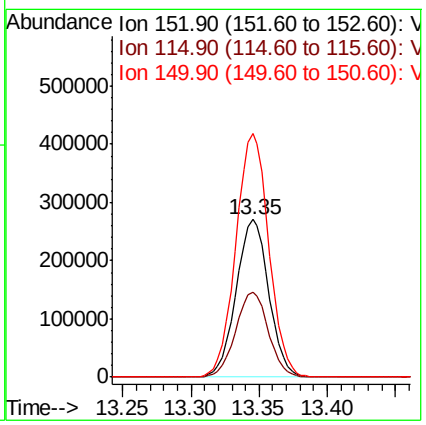


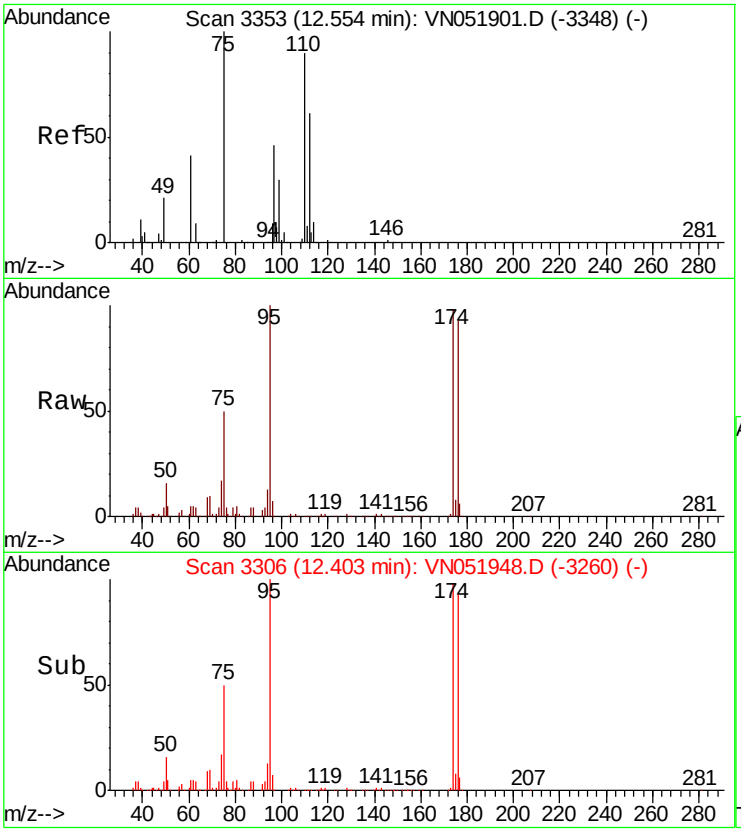


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion:152 Resp: 447189

Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.7	80.1
150	156.6	0.0	346.4



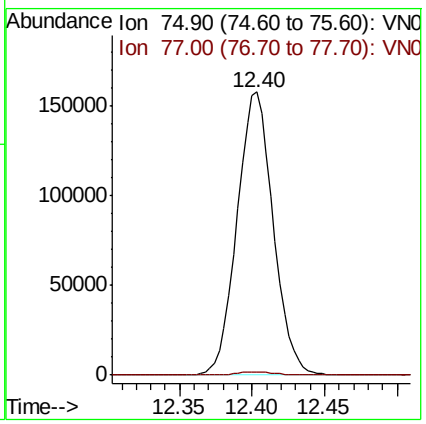


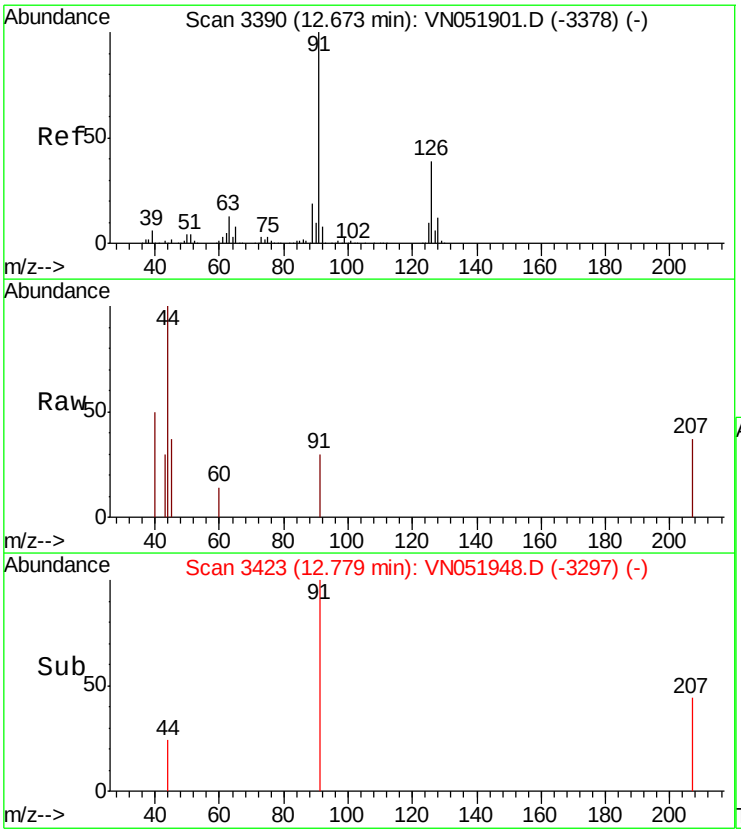
#76
1,2,3-Trichloropropane
Concen: 50.136 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 75 Resp: 272504

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

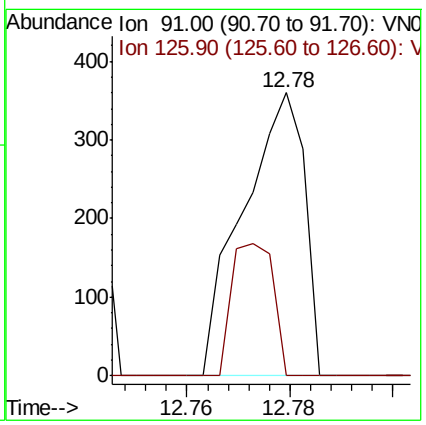


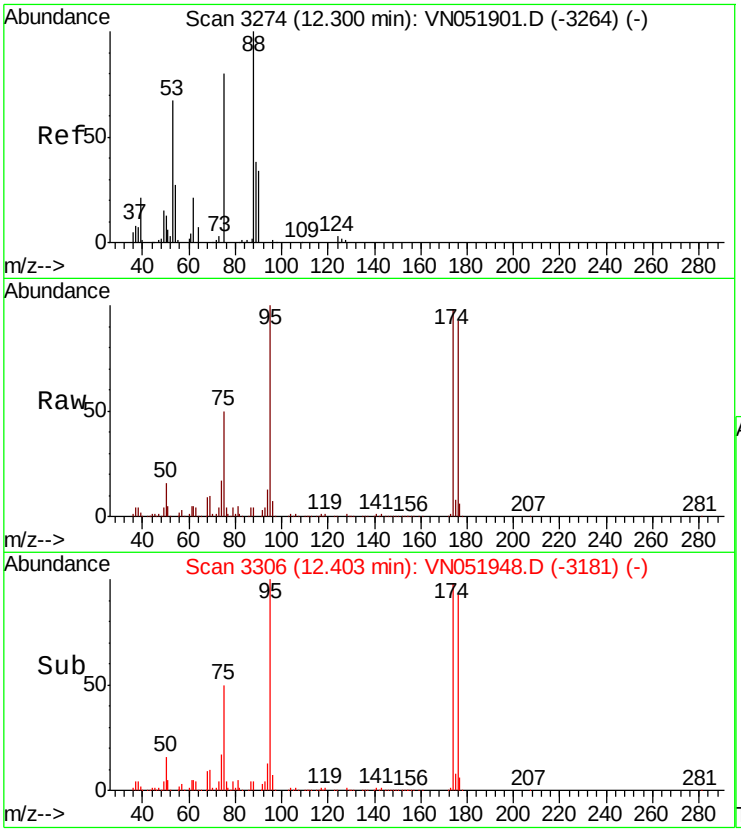


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.78 min Scan# 3423
Delta R.T. 0.11 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 91 Resp: 296

Ion	Ratio	Lower	Upper
91	100		
126	31.8	19.6	58.7



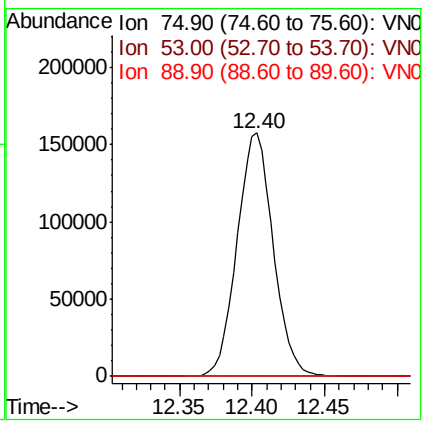


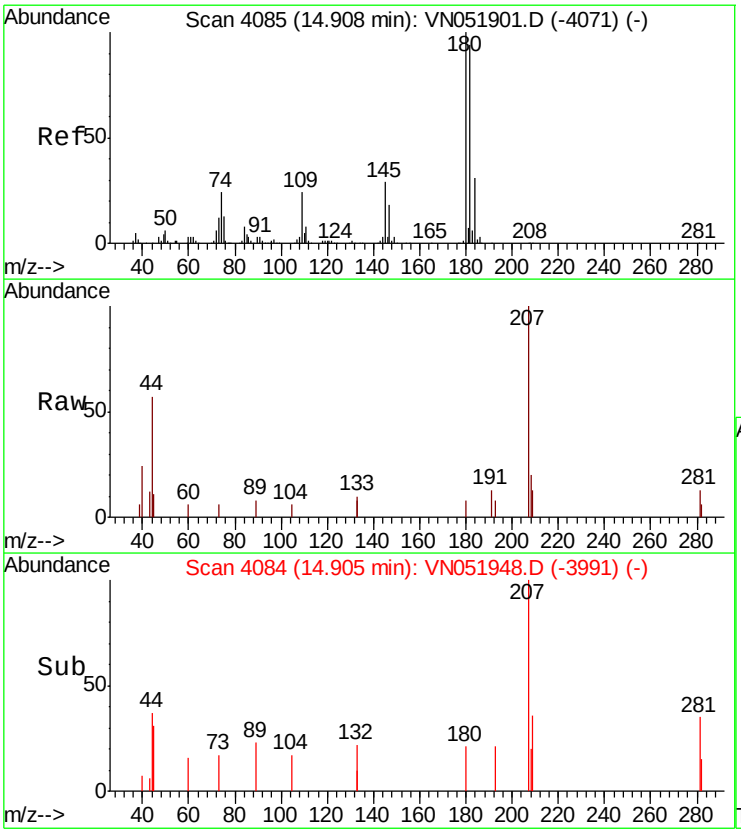
#81
trans-1,4-Dichloro-2-butene
Concen: 164.756 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion: 75 Resp: 272504

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.5	102.7#
89	0.0	39.0	58.6#

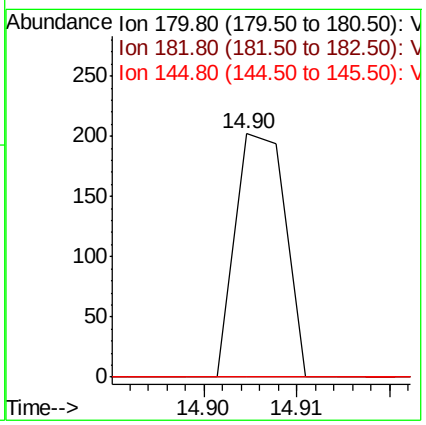


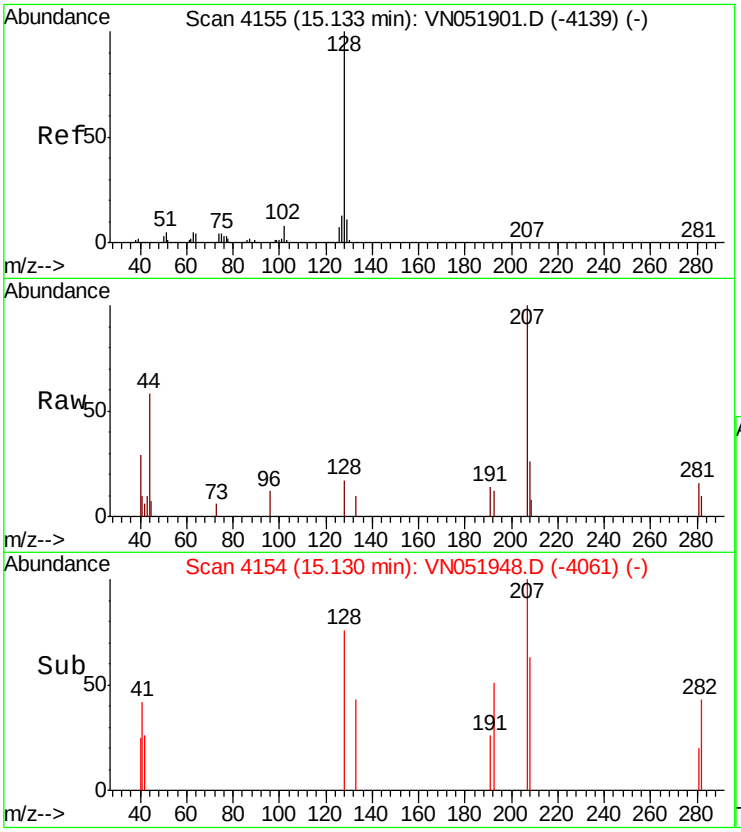


#93
1,2,4-Trichlorobenzene
Concen: 4.071 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Tgt Ion:180 Resp: 76

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.9#
145	0.0	14.5	43.5#





#95
Naphthalene
Concen: 4.103 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051948.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#09

Tgt Ion:128 Resp: 662

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.5	12.7#