Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\

Quantitation Report (Not Reviewed)

Data File : VN051928.D
Acq On : 18 Oct 2018 20:28
Operator : MD\SY
Sample : PB113908ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Quant Time: Oct 19 06:51:55 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	972852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1428742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1229640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	535053	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.66%			
35) Dibromofluoromethane	7.59	113	530528	58.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.84%			
50) Toluene-d8	10.09	98	1934618	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.06%			
62) 4-Bromofluorobenzene	12.40	95	542398	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
Target Compounds						Qvalue
5) Bromomethane	2.56	94	2237	Below Cal	#	45
11) Tert butyl alcohol	4.75	59	158	0.300 ug/l	#	72
13) Acrolein	3.72	56	31	Below Cal	#	14
16) Acetone	3.82	43	10749	6.731 ug/l		95
18) Methyl Acetate	4.34	43	10058	Below Cal		92
20) Methylene Chloride	4.55	84	13865	1.708 ug/l		97
25) 2-Butanone	6.84	43	1439	0.630 ug/l	#	79
29) Tetrahydrofuran	7.22	42	648	0.465 ug/l	#	44
31) Cyclohexane	7.67	56	16715	Below Cal	#	35
36) 1,1-Dichloropropene	7.66	75	59169	5.336 ug/l	#	48
37) Ethyl Acetate	6.93	43	283	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	84782	6.492 ug/l	#	16
43) Isopropyl Acetate	8.17	43	299377	29.165 ug/l	#	84
48) Methyl methacrylate	9.18	41	5532	1.236 ug/l	#	5
51) 4-Methyl-2-Pentanone	9.99	43	1162	0.225 ug/l	#	33
54) cis-1,3-Dichloropropene	9.90	75	2998	0.248 ug/l	#	73
59) 2-Hexanone	10.77	43	16323	4.716 ug/l	#	50
60) Dibromochloromethane	10.63	129	59	2.056 ug/l	#	11
71) Bromoform	12.40	173	4437	3.837 ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	270272	51.593 ug/l	#	100
79) 2-Chlorotoluene	12.68	91	101	Below Cal	#	36
80) 1,3,5-Trimethylbenzene	12.73	105	5848	0.217 ug/l		92
81) trans-1,4-Dichloro-2-buten	12.40	75	270272	169.540 ug/l	#	14
93) 1,2,4-Trichlorobenzene	14.92	180	128	4.078 ug/l	#	58
95) Naphthalene	15.13	128	158	4.071 ug/l	#	70

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

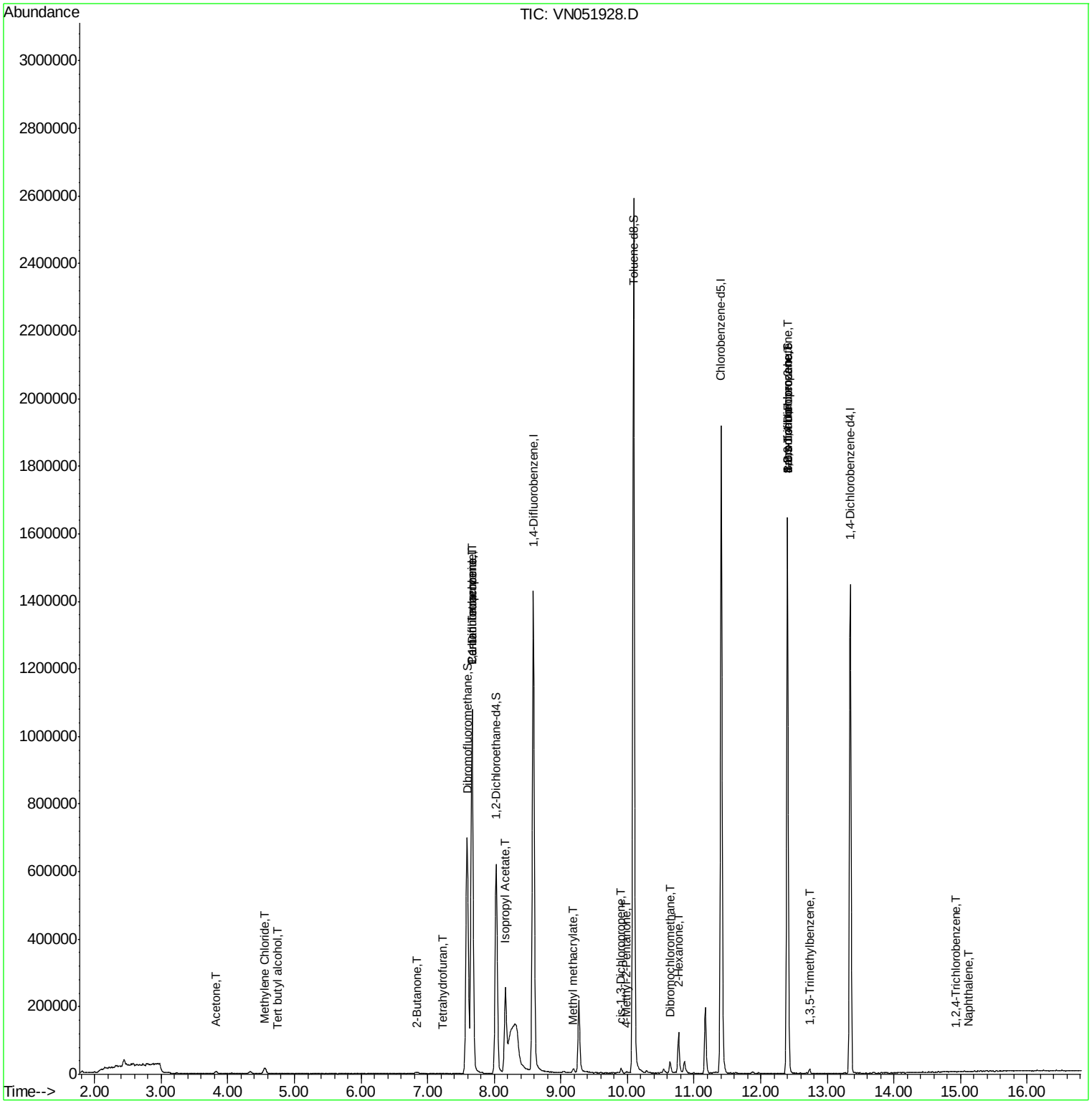
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\

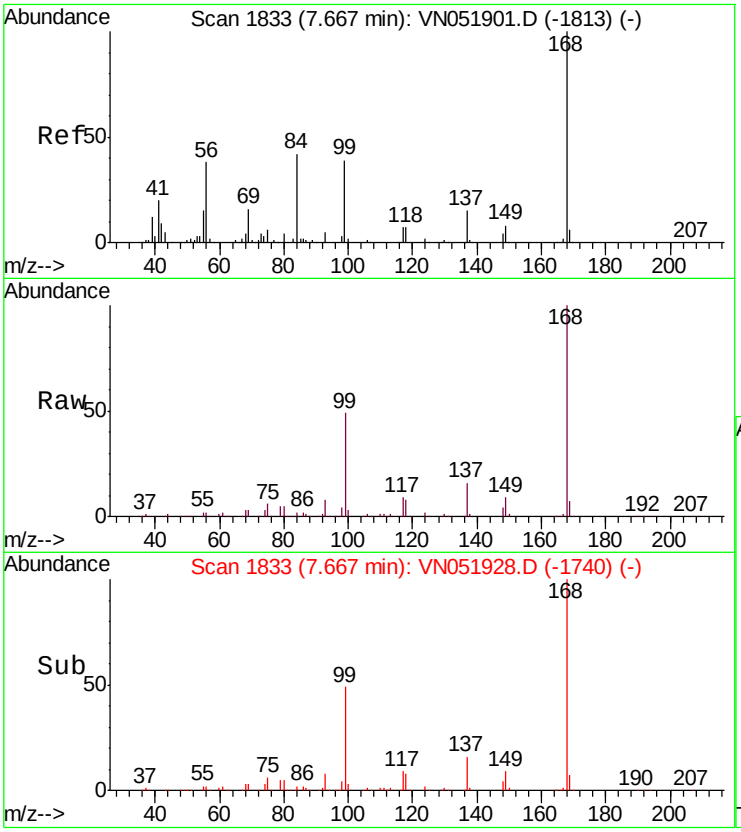
Quantitation Report (Not Reviewed)

Data File : VN051928.D
Acq On : 18 Oct 2018 20:28
Operator : MD\SY
Sample : PB113908ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Quant Time: Oct 19 06:51:55 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



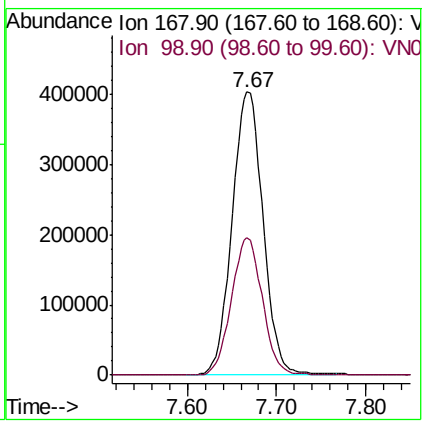


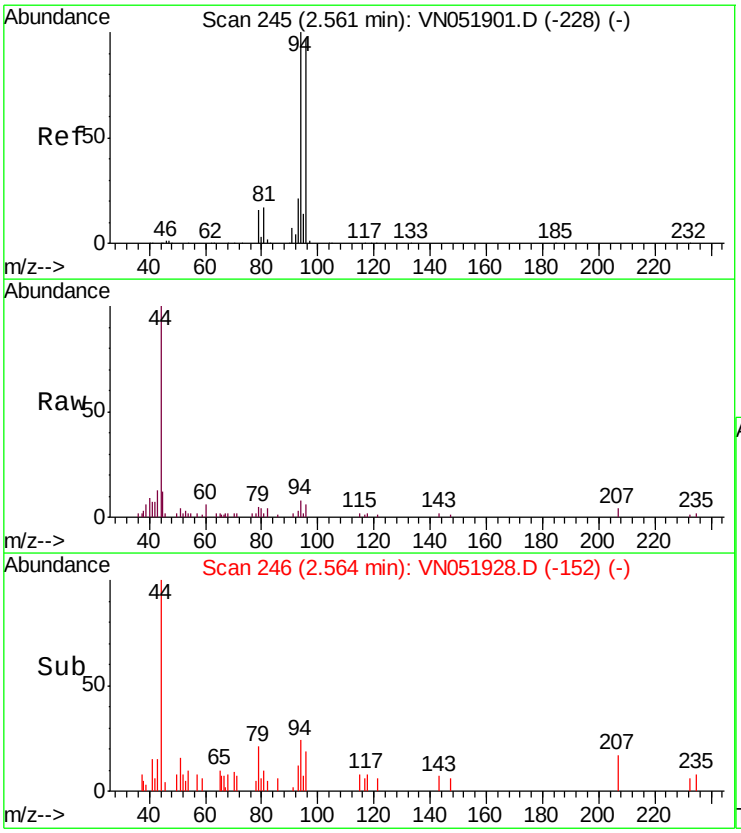
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion:168 Resp: 972852

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.2	58.8

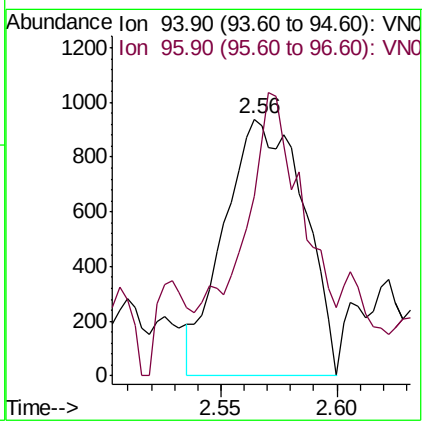


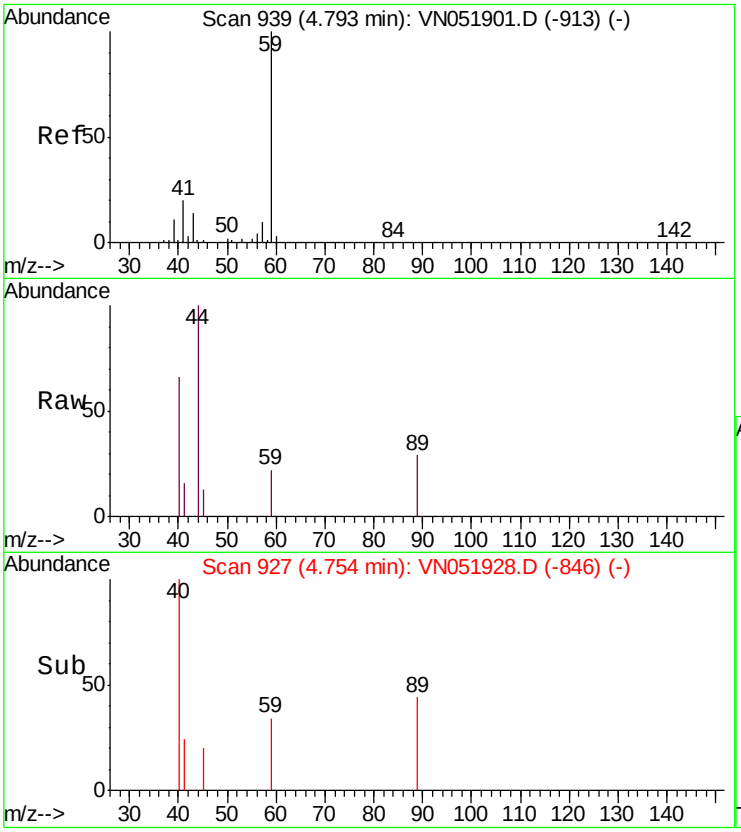


#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 94 Resp: 2237

Ion	Ratio	Lower	Upper
94	100		
96	43.3	77.5	116.3#



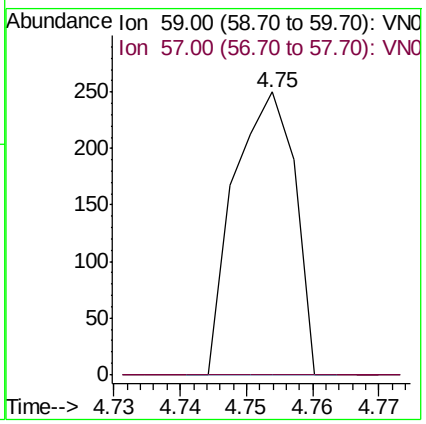


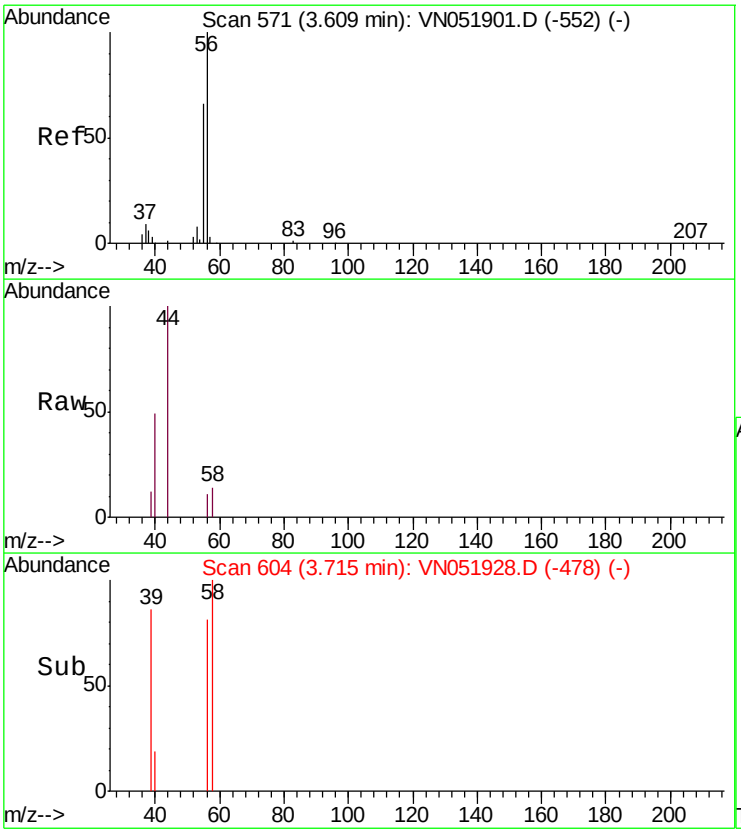
#11
Tert butyl alcohol
Concen: 0.300 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.04 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 59 Resp: 158

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

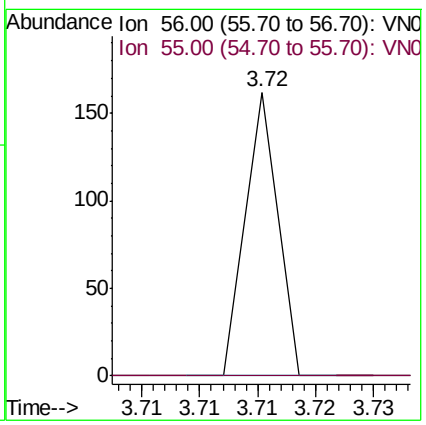


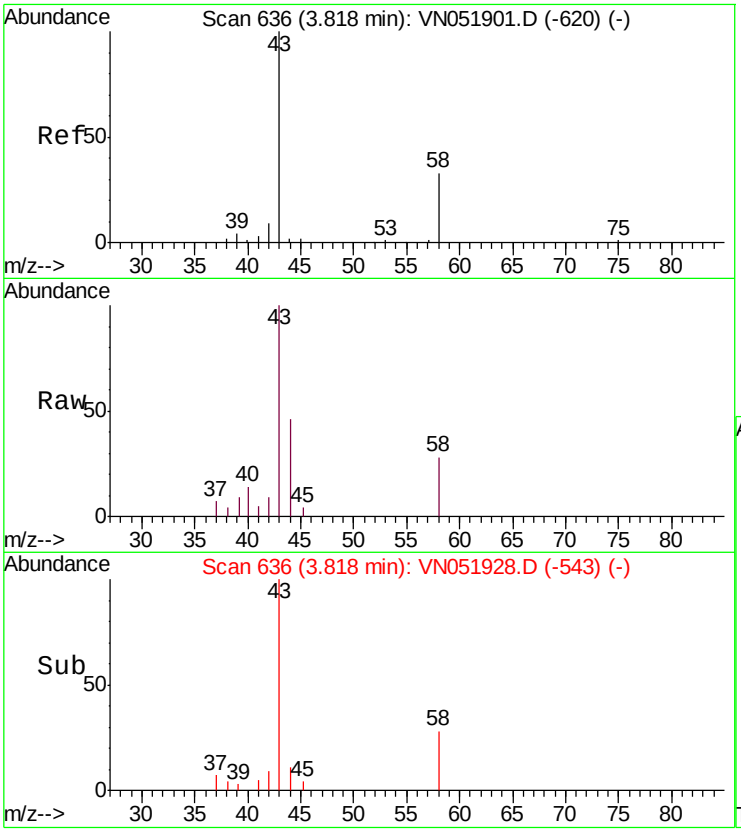


#13
Acrolein
Concen: Below Cal
RT: 3.72 min Scan# 604
Delta R.T. 0.11 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



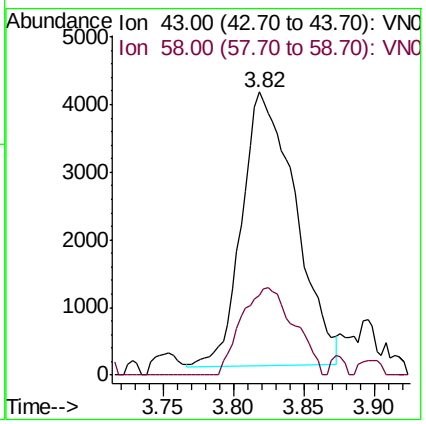


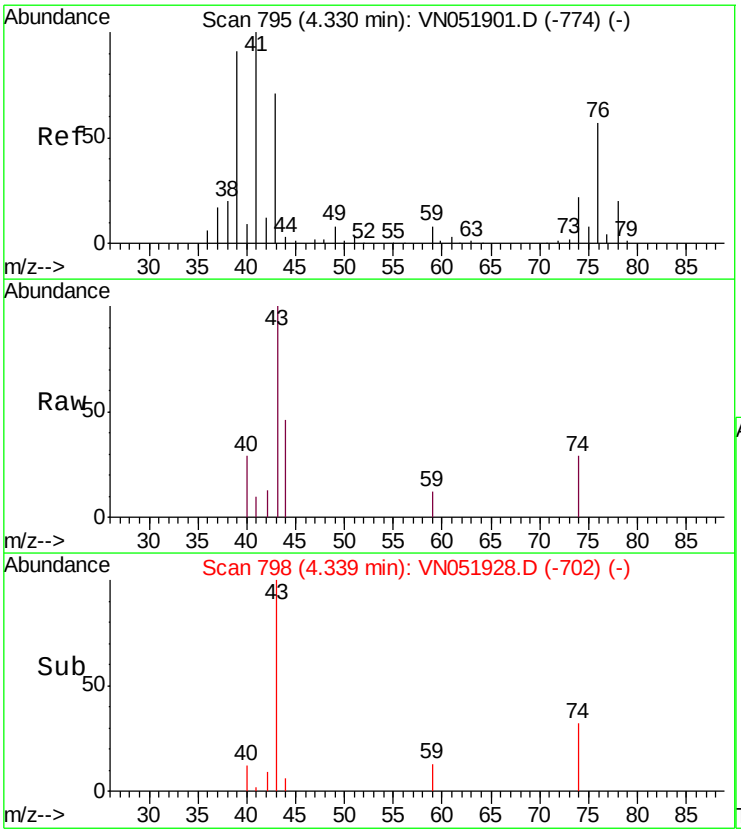
#16
Acetone
Concen: 6.731 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 43 Resp: 10749

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.9	38.9

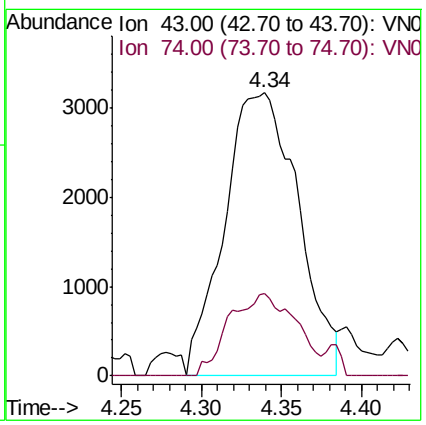


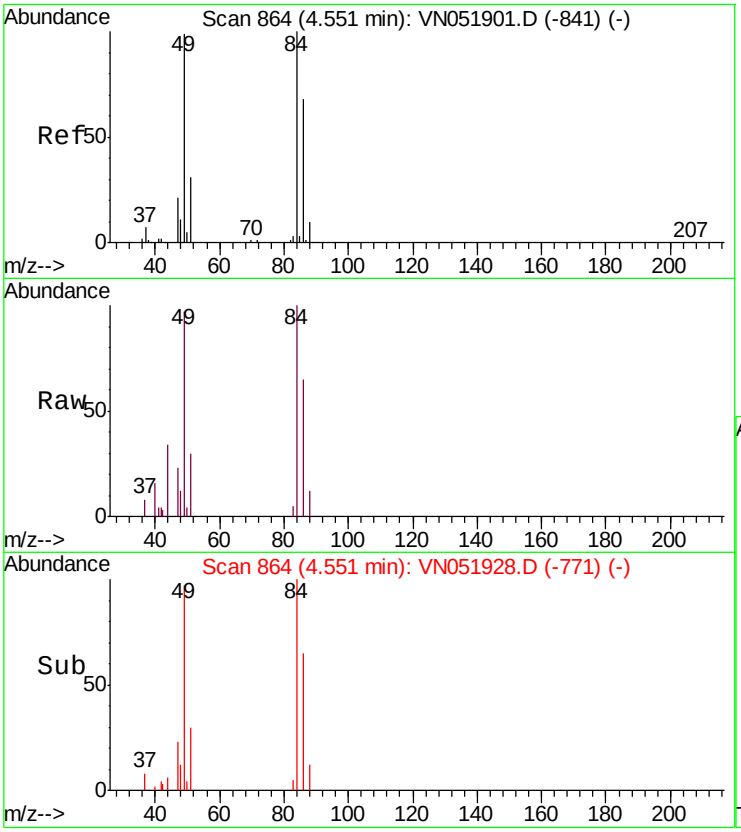


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 43 Resp: 10058

Ion	Ratio	Lower	Upper
43	100		
74	26.5	24.9	37.3



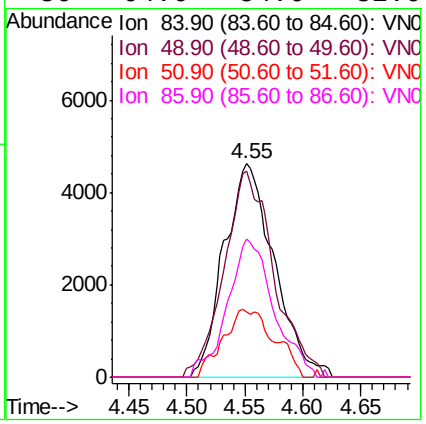


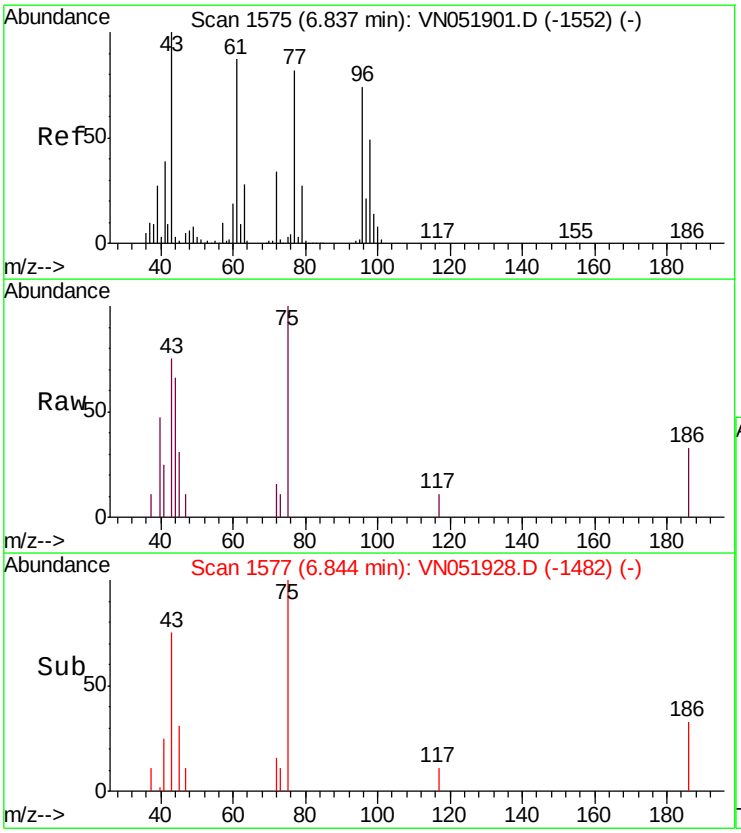
#20
Methylene Chloride
Concen: 1.708 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 84 Resp: 13865

Ion	Ratio	Lower	Upper
84	100		
49	96.7	79.0	118.4
51	30.3	24.9	37.3
86	64.6	54.6	82.0

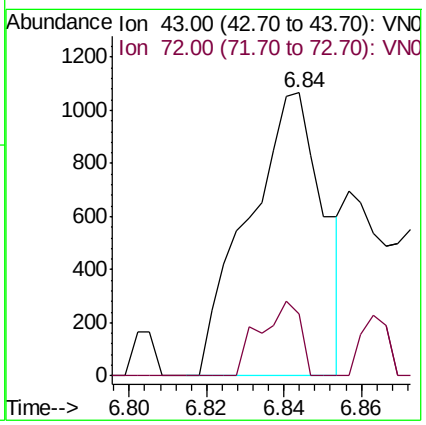


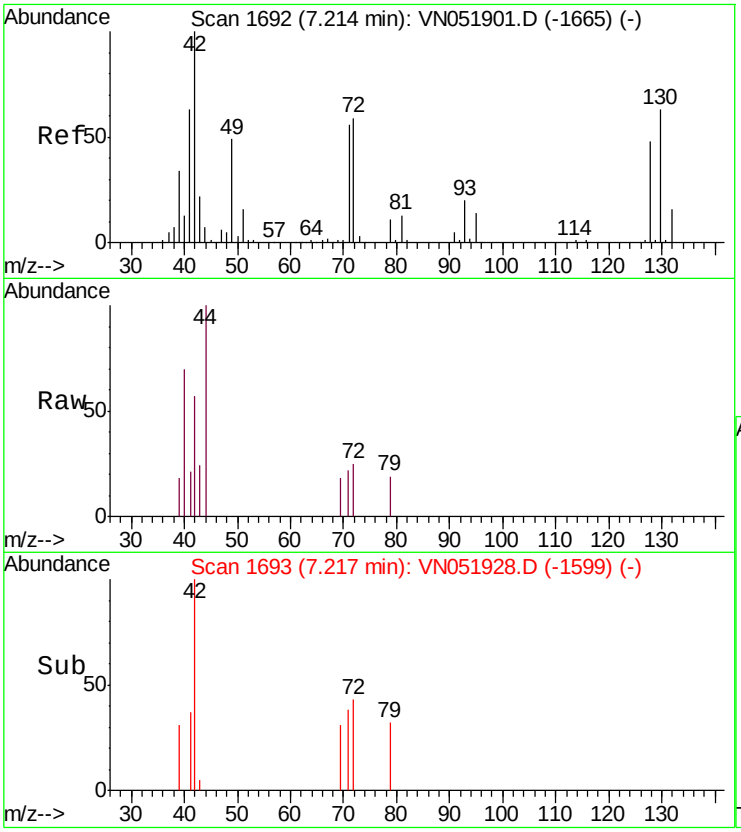


#25
2-Butanone
Concen: 0.630 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 43 Resp: 1439

Ion	Ratio	Lower	Upper
43	100		
72	21.9	27.0	40.6#



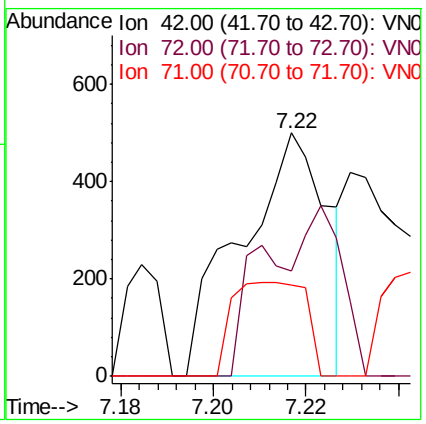


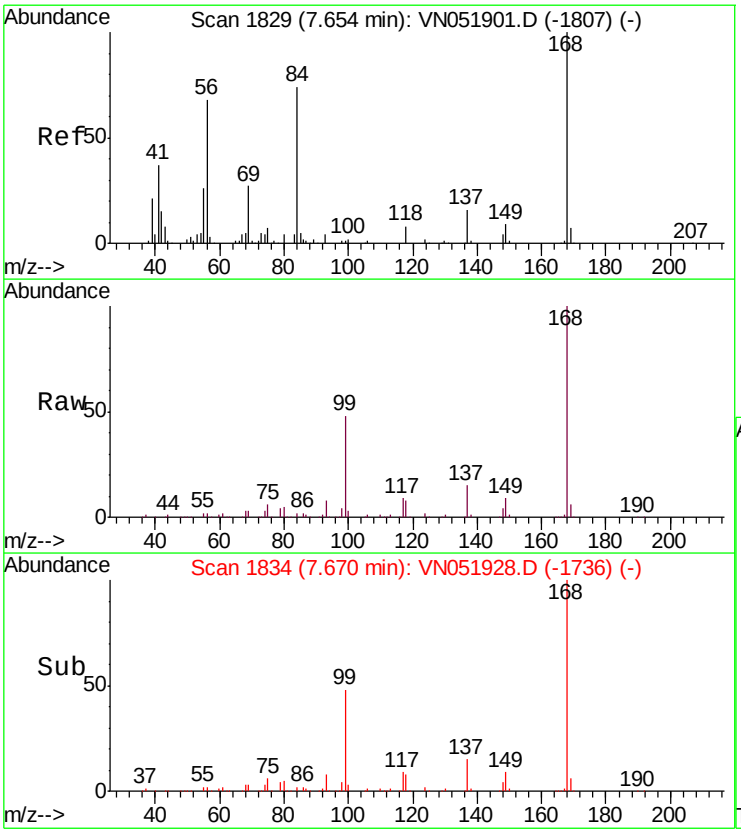
#29
Tetrahydrofuran
Concen: 0.465 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 42 Resp: 648

Ion	Ratio	Lower	Upper
42	100		
72	32.1	47.7	71.5#
71	0.0	45.4	68.0#

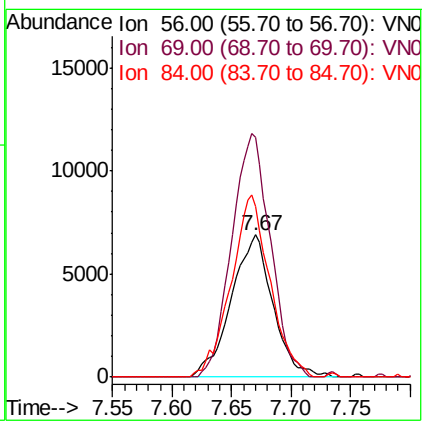


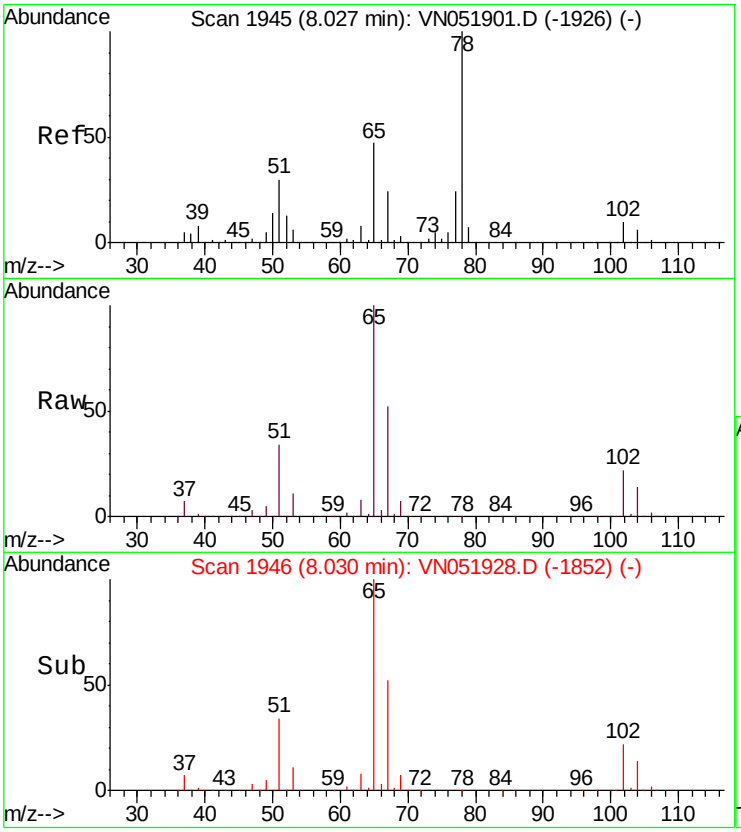


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 56 Resp: 16715

Ion	Ratio	Lower	Upper
56	100		
69	169.1	31.2	46.8#
84	120.6	86.6	130.0



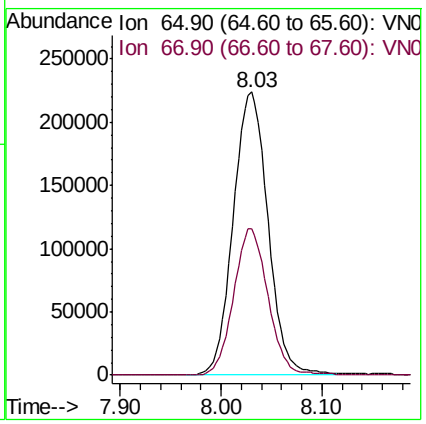


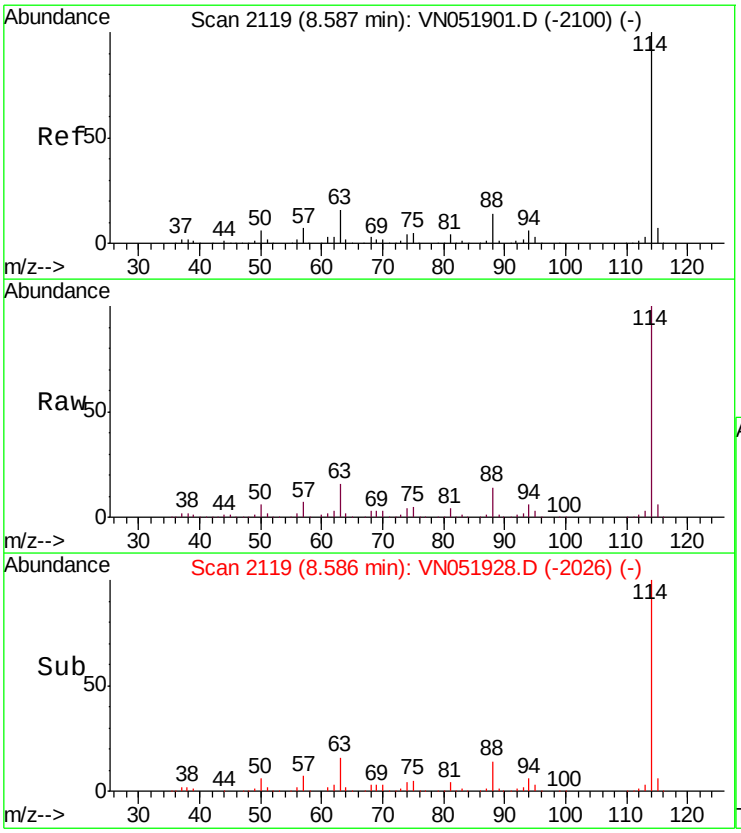
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 65 Resp: 535053

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

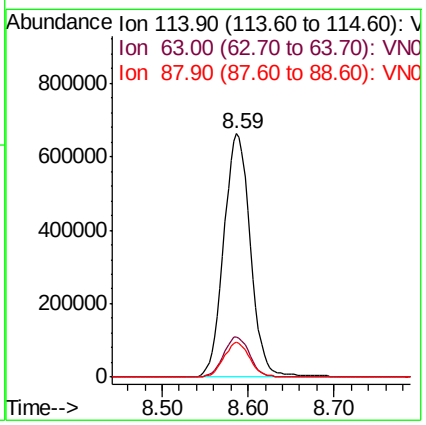


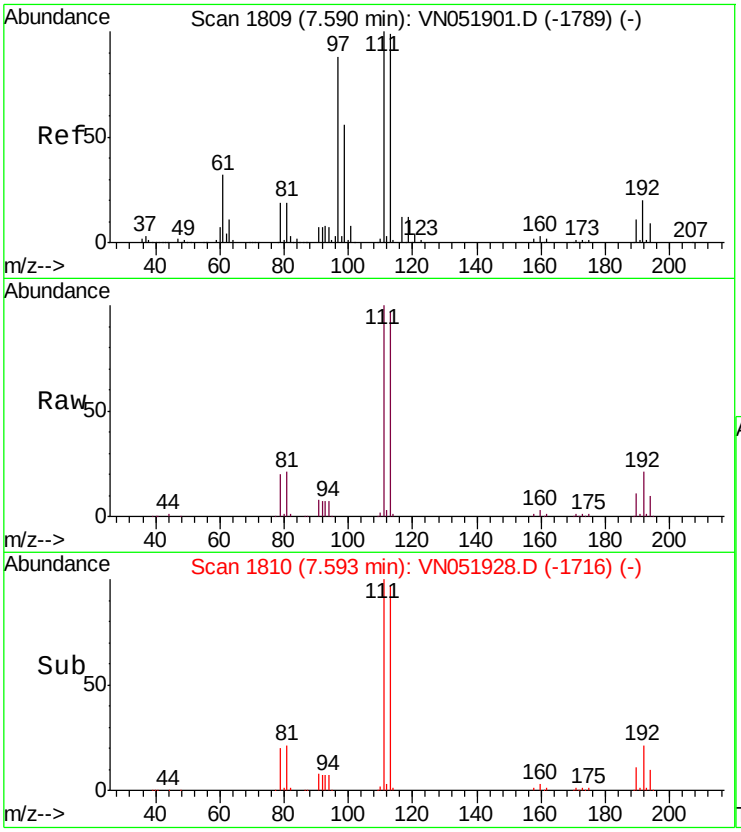


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:114 Resp: 1428742

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	31.8
88	14.3	0.0	28.0



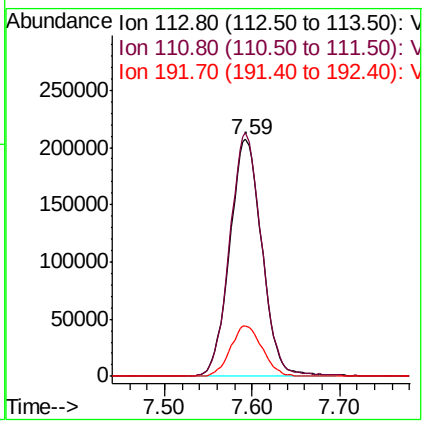


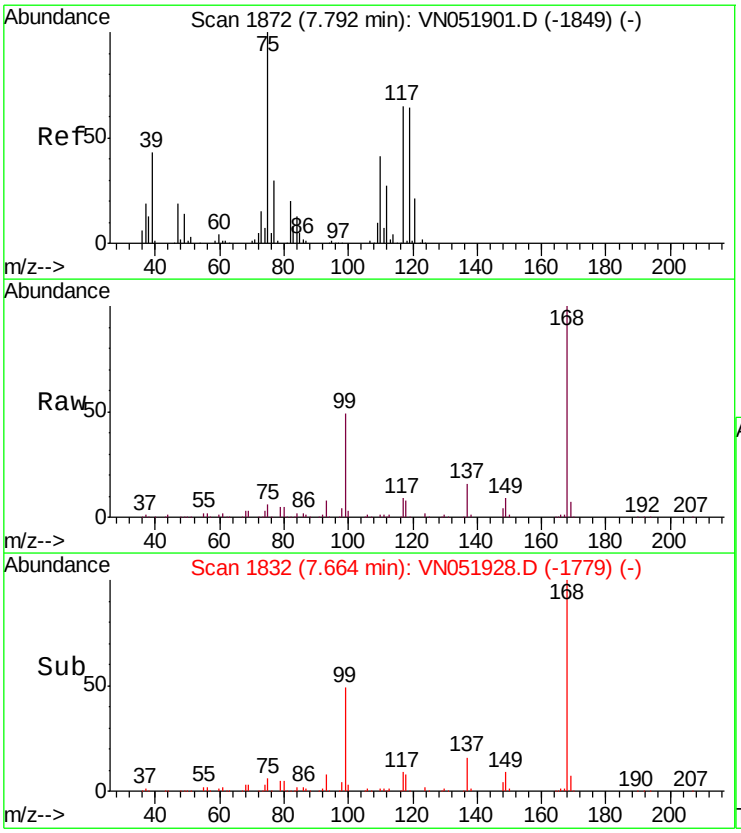
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion:113 Resp: 530528

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	21.0	17.3	25.9

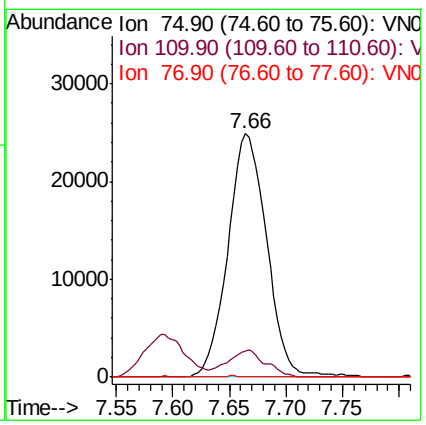


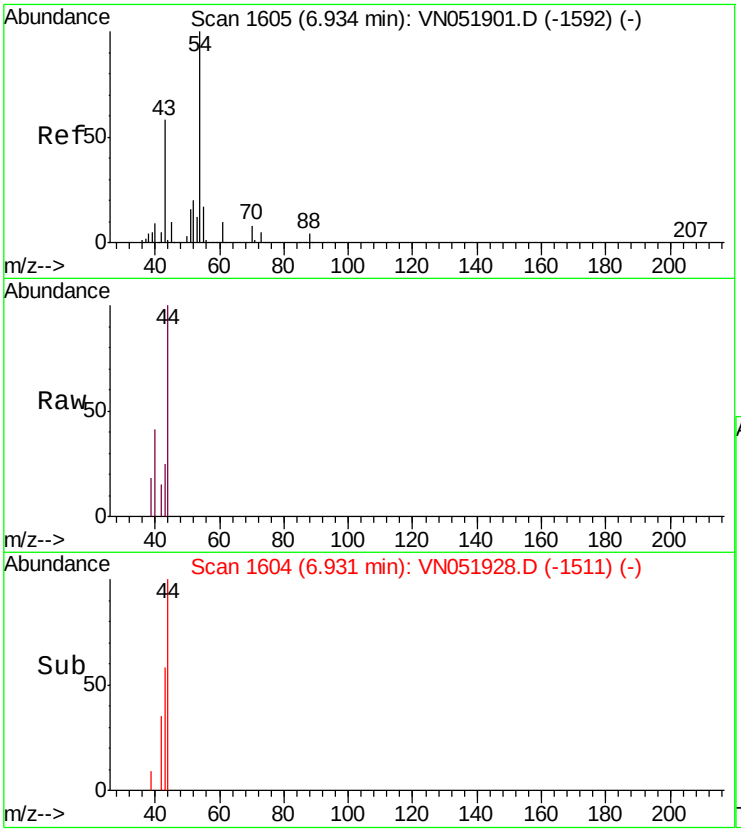


#36
1,1-Dichloropropene
Concen: 5.336 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 75 Resp: 59169

Ion	Ratio	Lower	Upper
75	100		
110	11.0	21.0	63.0#
77	0.1	24.9	37.3#



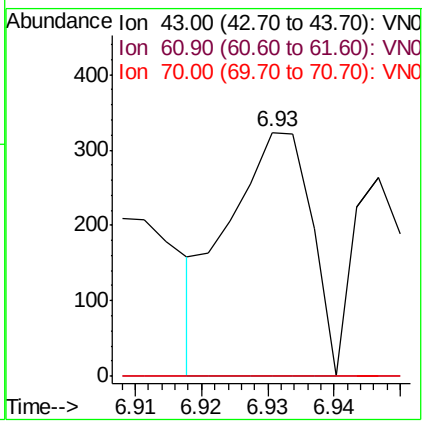


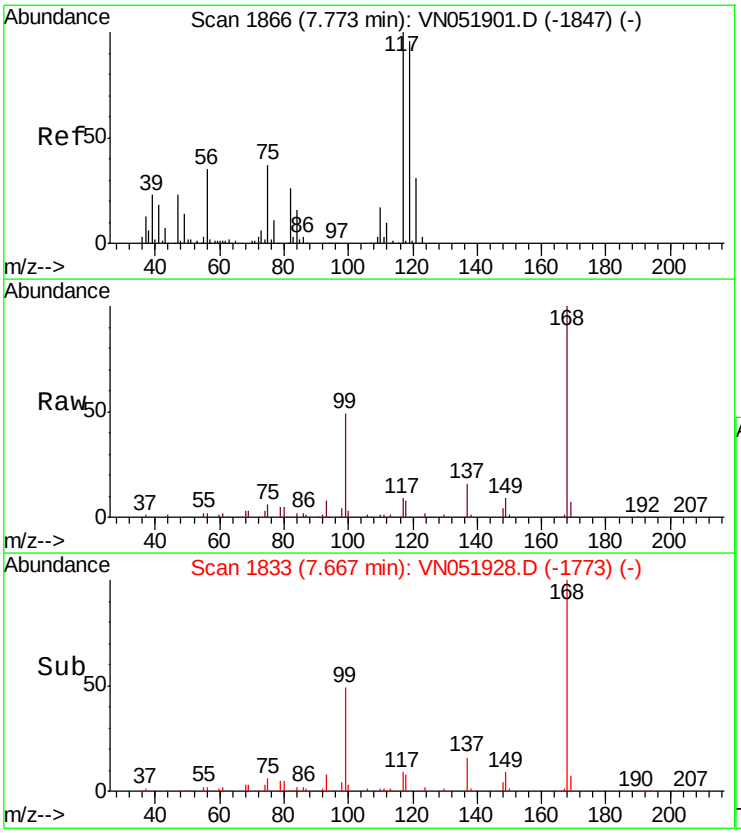
#37
Ethyl Acetate
Concen: Below Cal
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion: 43 Resp: 283

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

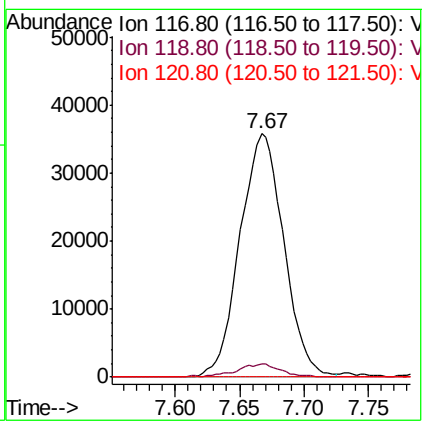


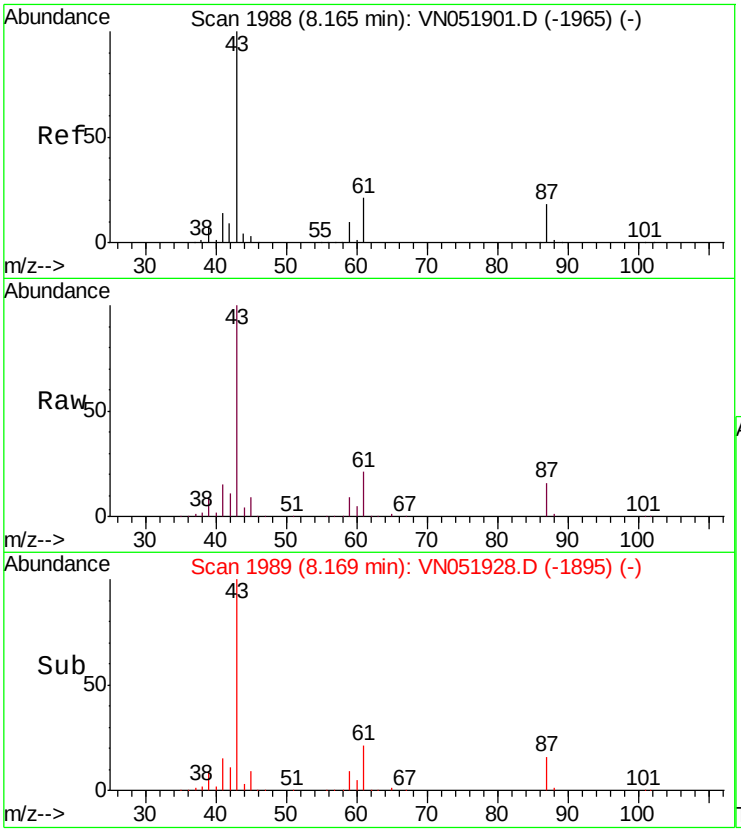


#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:117 Resp: 84782

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.0	115.6#
121	0.0	25.1	37.7#



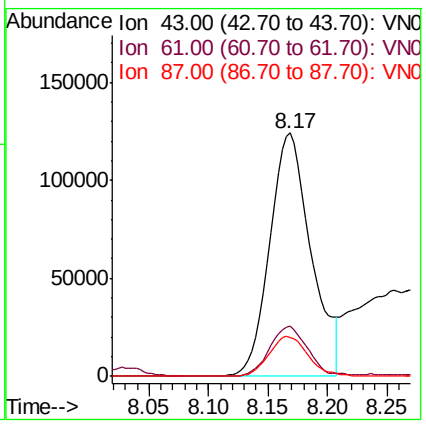


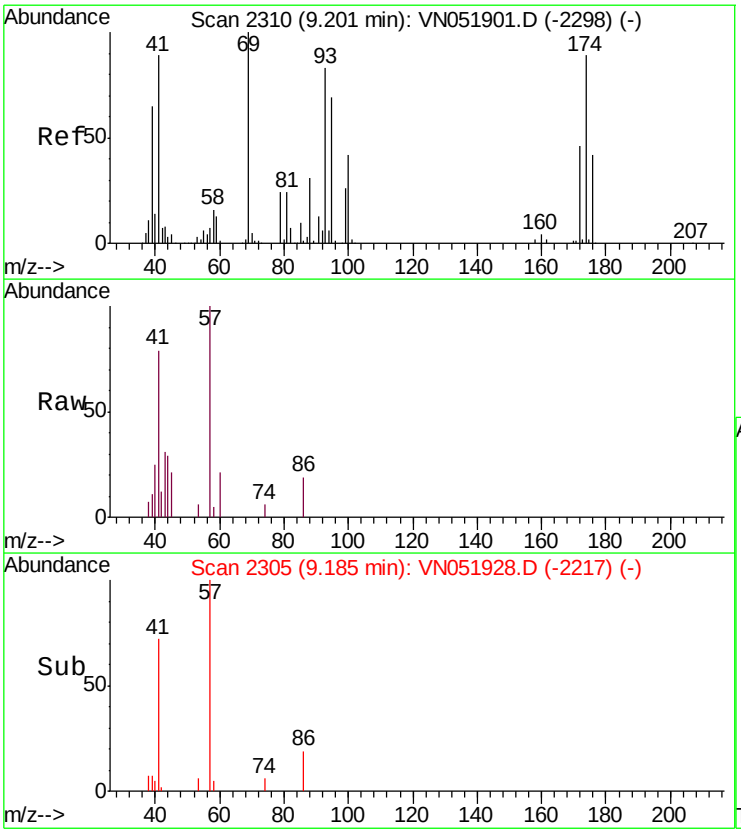
#43
Isopropyl Acetate
Concen: 29.165 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion: 43 Resp: 299377

Ion	Ratio	Lower	Upper
43	100		
61	19.3	24.9	37.3#
87	15.6	14.6	22.0

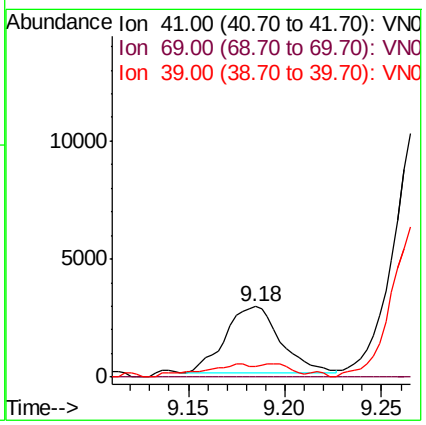


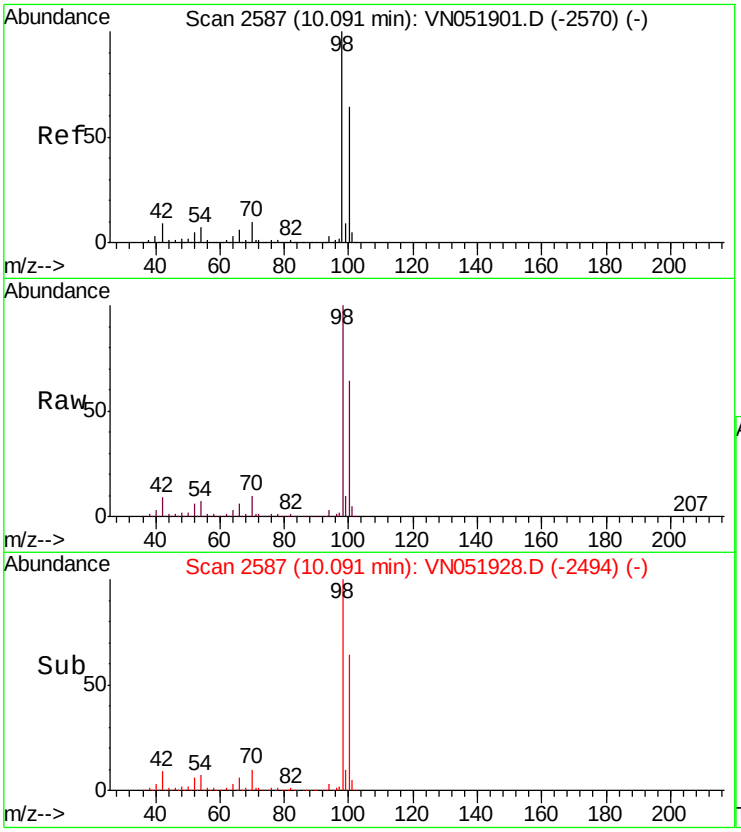


#48
Methyl methacrylate
Concen: 1.236 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 41 Resp: 5532

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.2	135.2#
39	8.0	59.7	89.5#



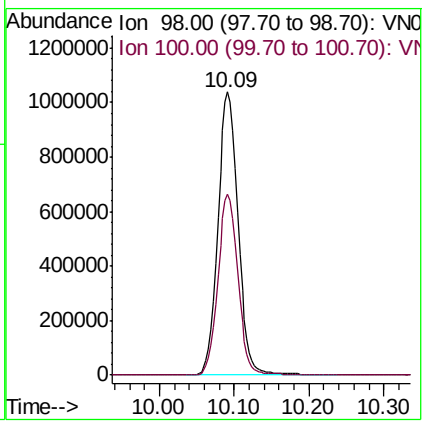


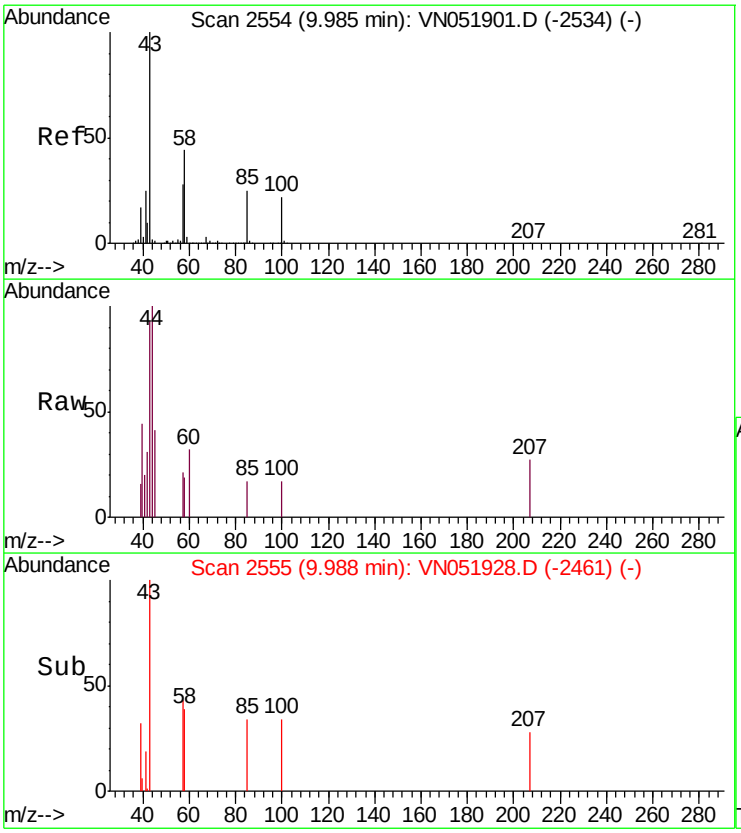
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion: 98 Resp: 1934618

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4

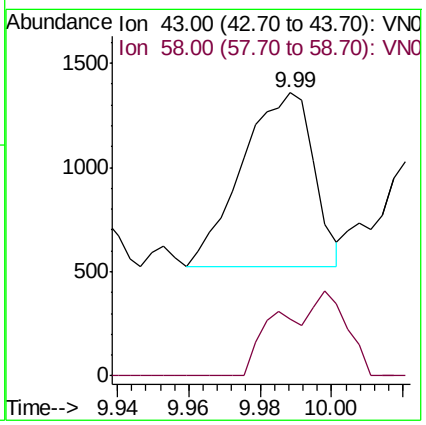


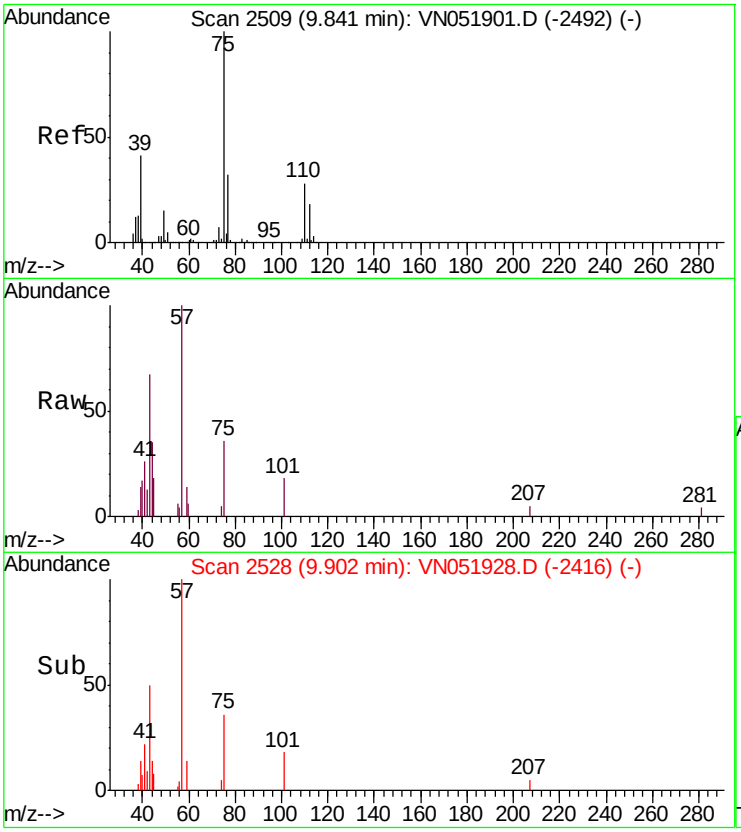


#51
4-Methyl-2-Pentanone
Concen: 0.225 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 43 Resp: 1162

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.6	52.0#



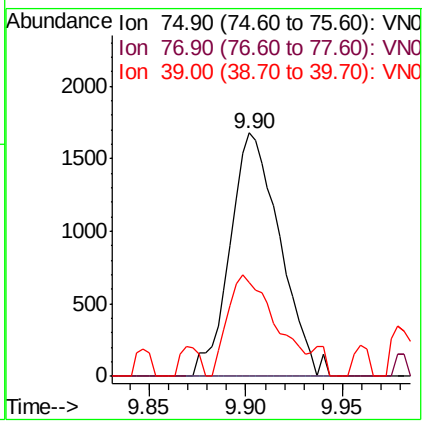


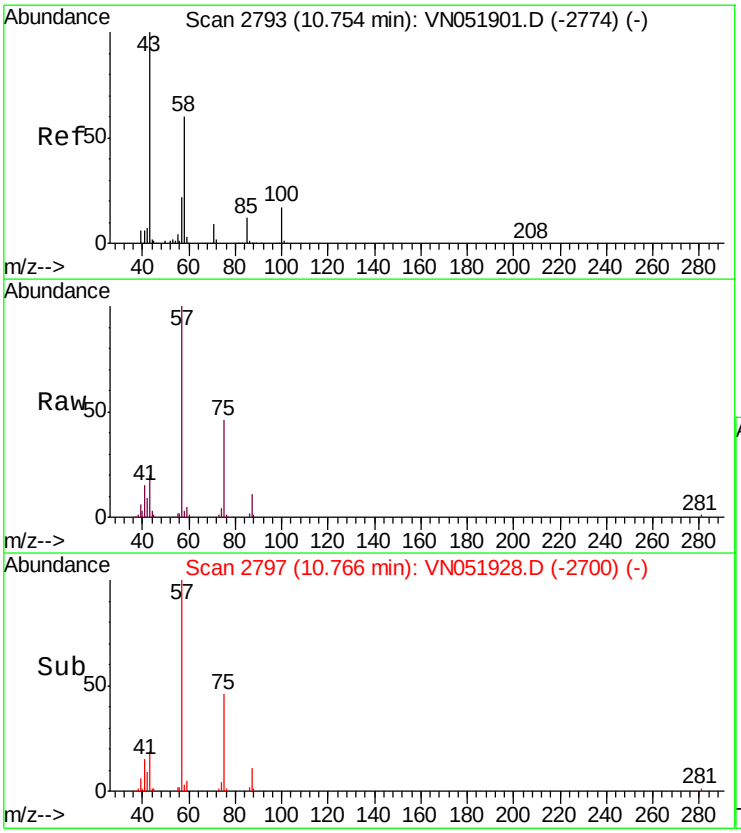
#54
cis-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 75 Resp: 2998

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	38.5	32.8	49.2

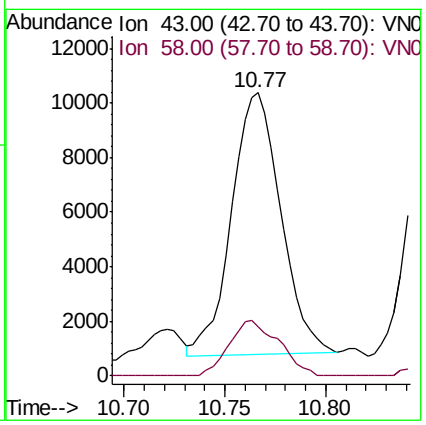


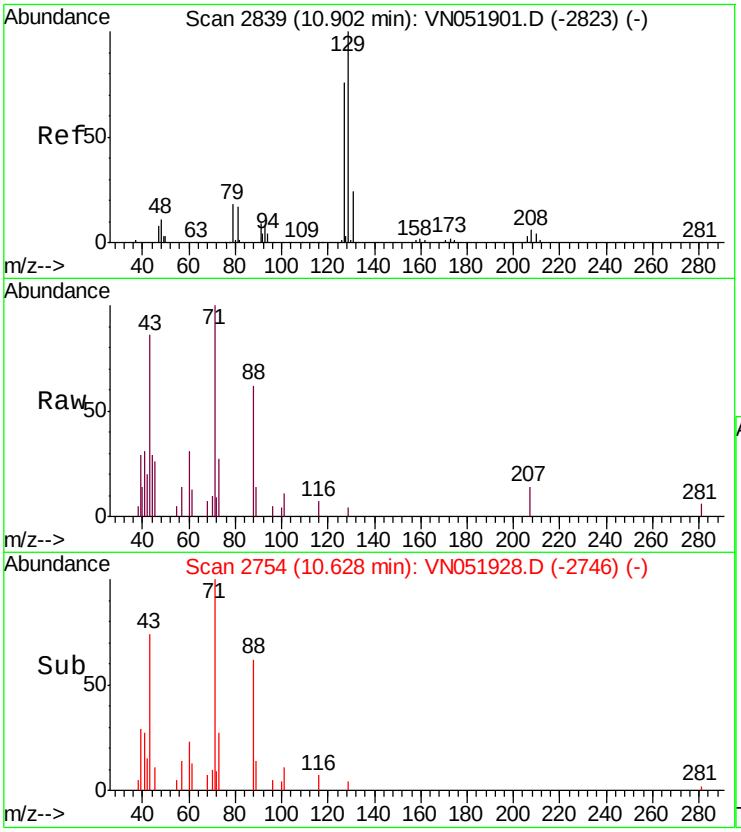


#59
2-Hexanone
Concen: 4.716 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 43 Resp: 16323

Ion	Ratio	Lower	Upper
43	100		
58	21.7	29.8	89.5#



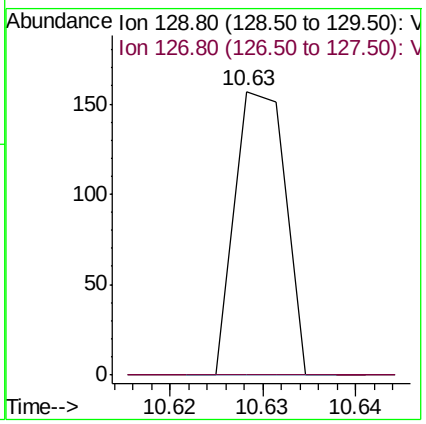


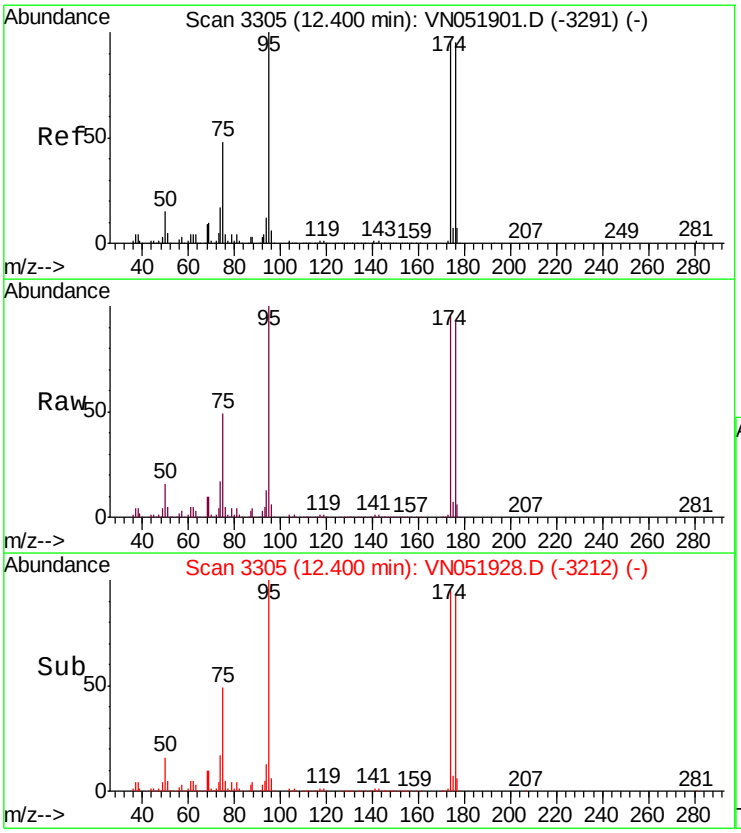
#60
Dibromochloromethane
Concen: 2.056 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion:129 Resp: 59

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

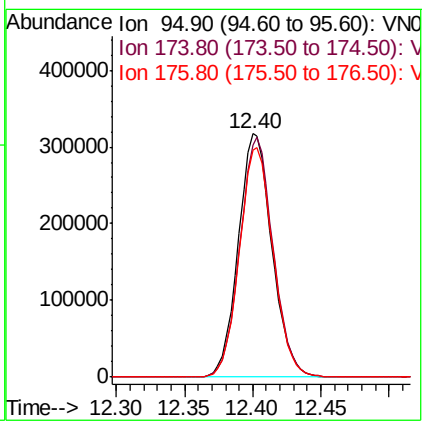


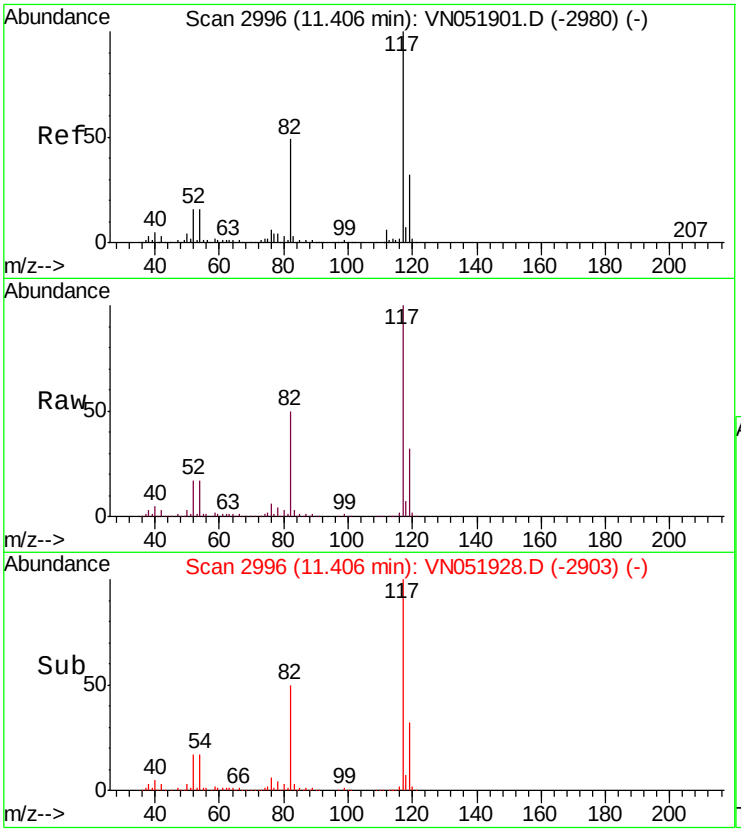


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 95 Resp: 542398

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	195.0
176	94.6	0.0	191.4



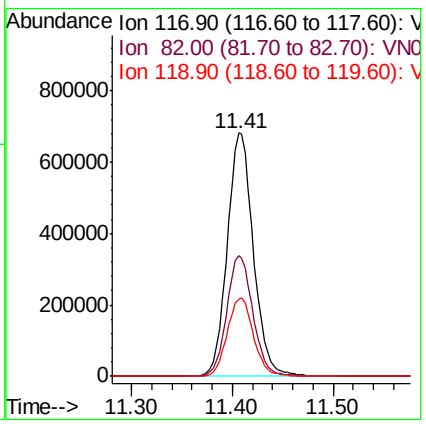


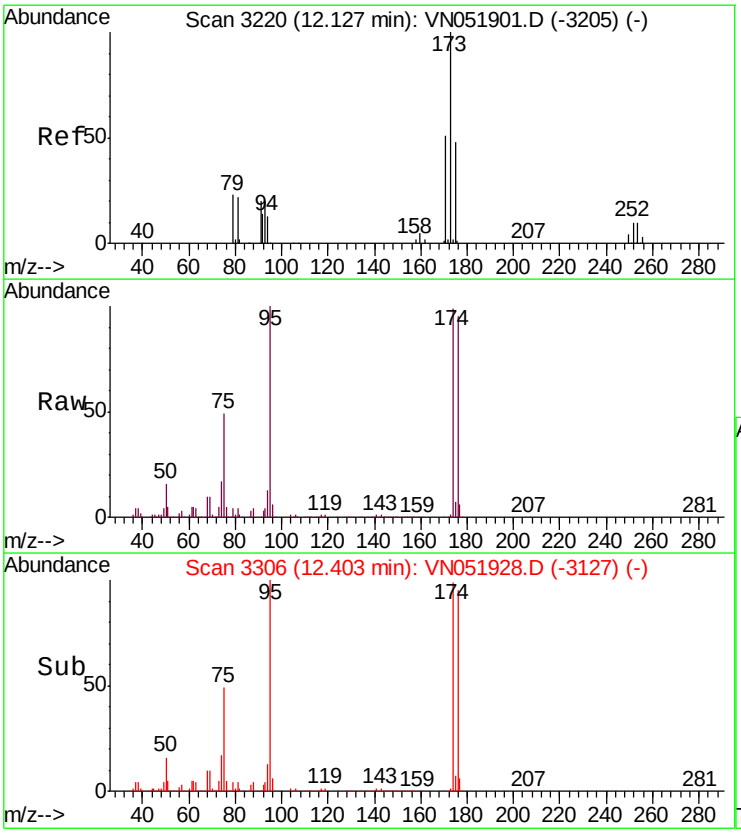
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion:117 Resp: 1229640

Ion	Ratio	Lower	Upper
117	100		
82	49.8	38.9	58.3
119	32.0	25.9	38.9

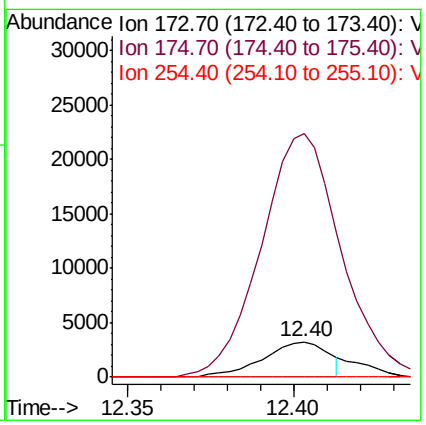


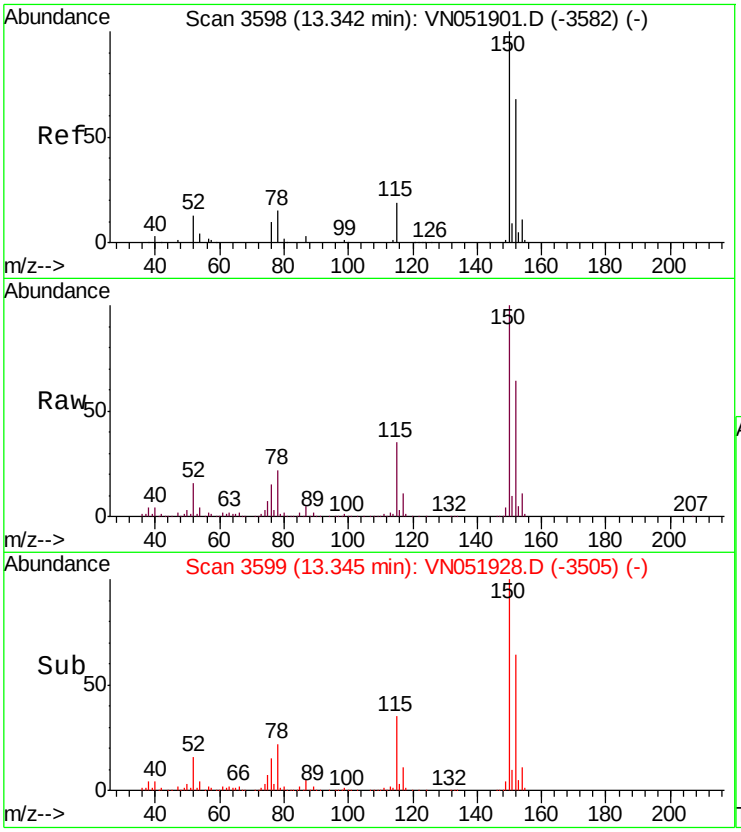


#71
Bromoform
Concen: 3.837 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:173 Resp: 4437

Ion	Ratio	Lower	Upper
173	100		
175	721.0	24.0	72.0#
254	0.0	0.2	0.2#



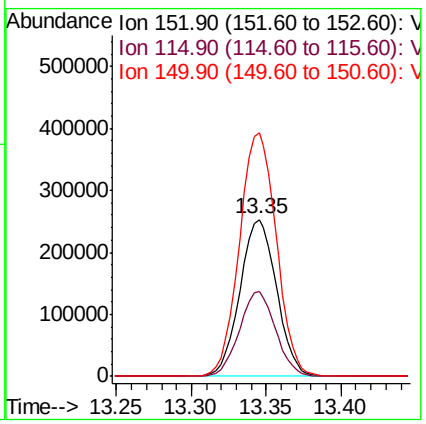


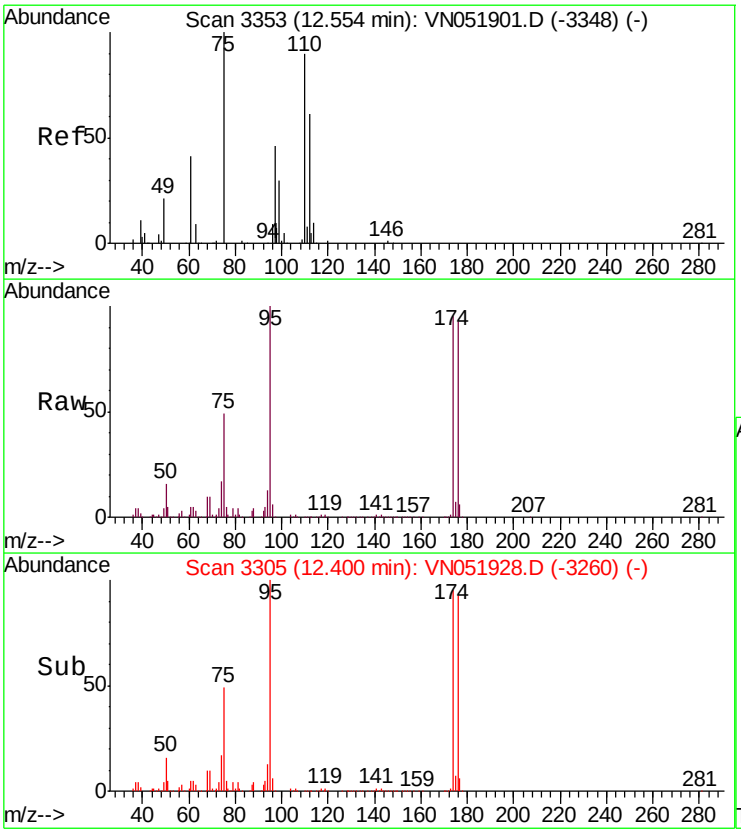
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion:152 Resp: 430999

Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.7	80.1
150	156.5	0.0	346.4

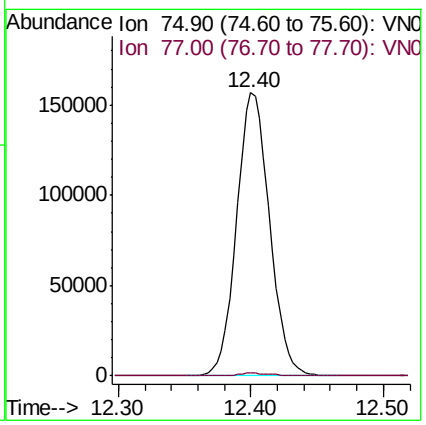


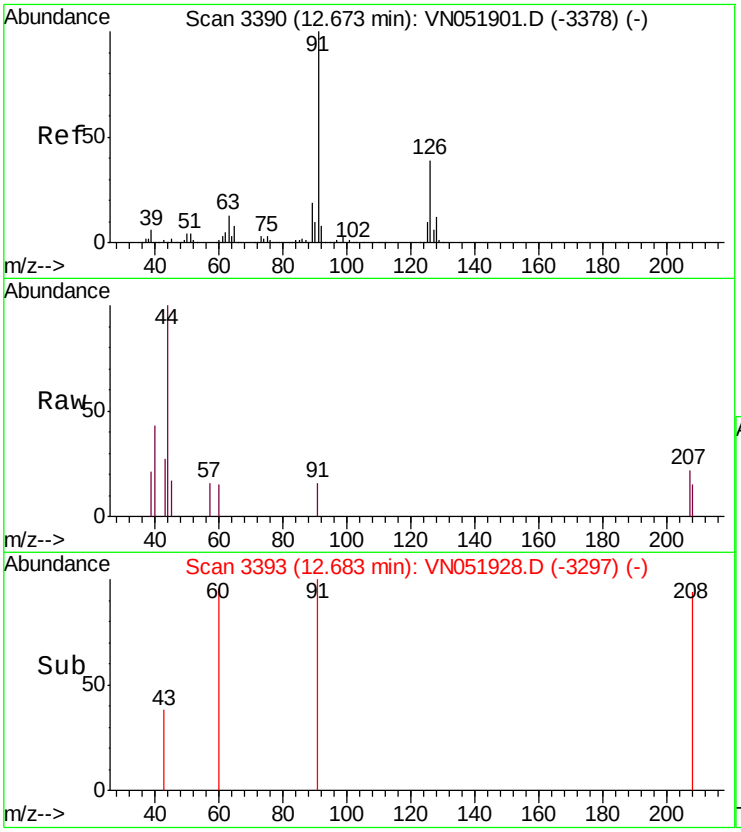


#76
1,2,3-Trichloropropane
Concen: 51.593 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion: 75 Resp: 270272

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



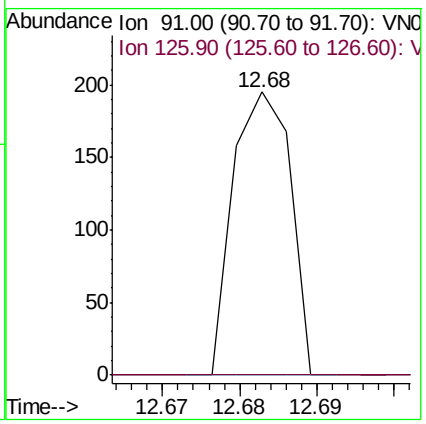


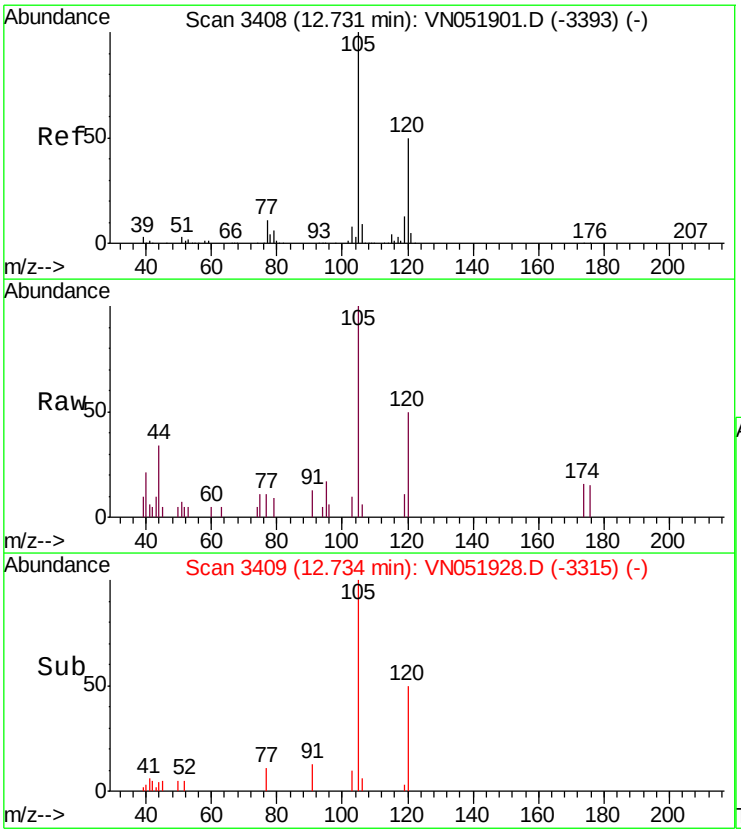
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument : MSVOA_N
ClientSampleId : PB113908ZHE#09

Tgt Ion: 91 Resp: 101

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.6	58.7#

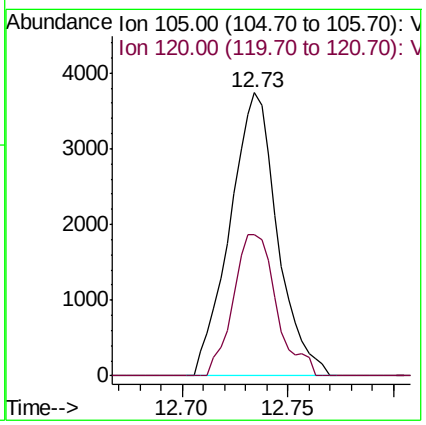


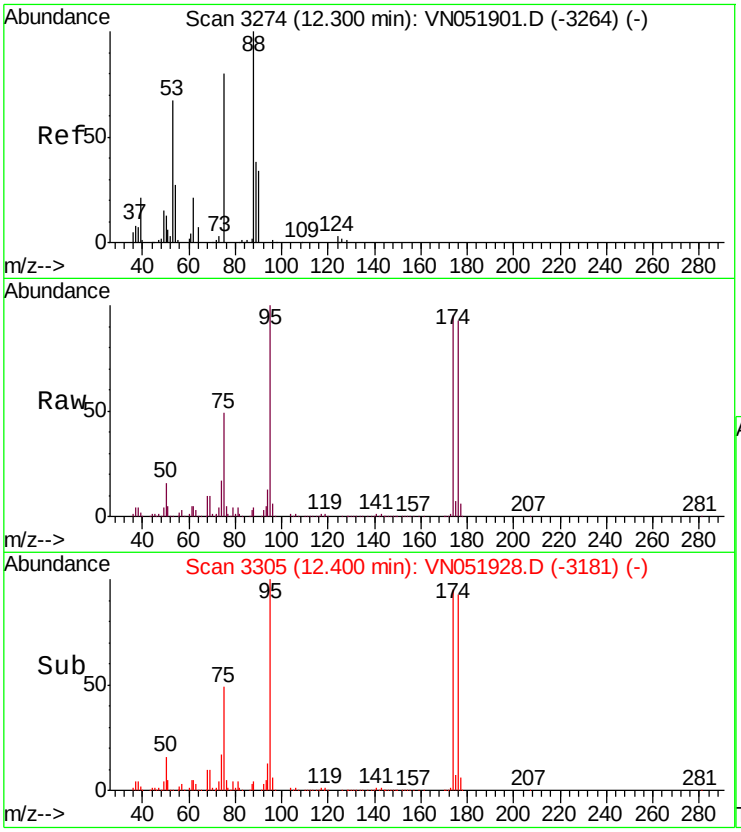


#80
1,3,5-Trimethylbenzene
Concen: 0.217 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:105 Resp: 5848

Ion	Ratio	Lower	Upper
105	100		
120	45.2	25.3	75.9



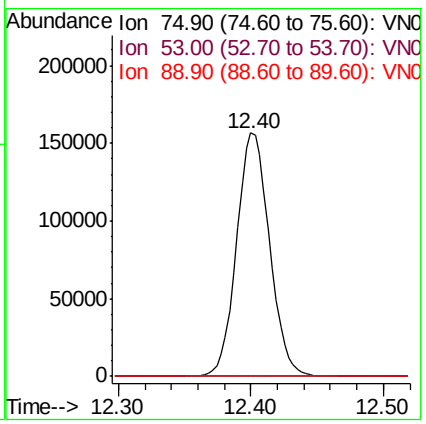


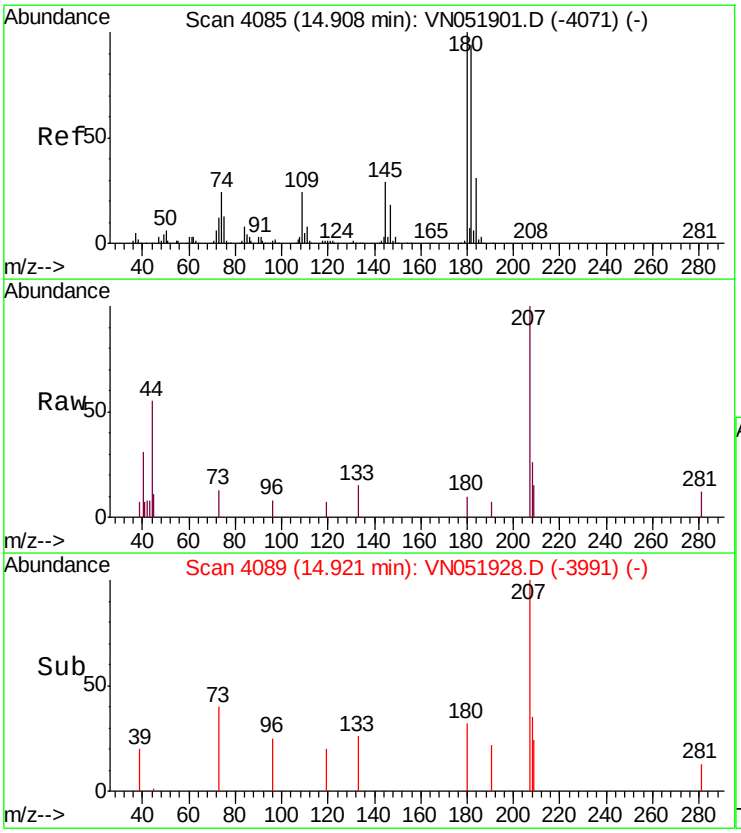
#81
trans-1,4-Dichloro-2-butene
Concen: 169.540 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion: 75 Resp: 270272

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

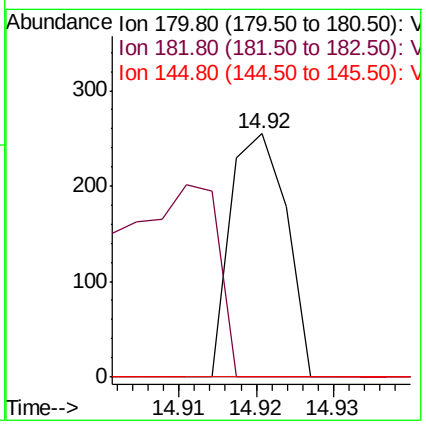


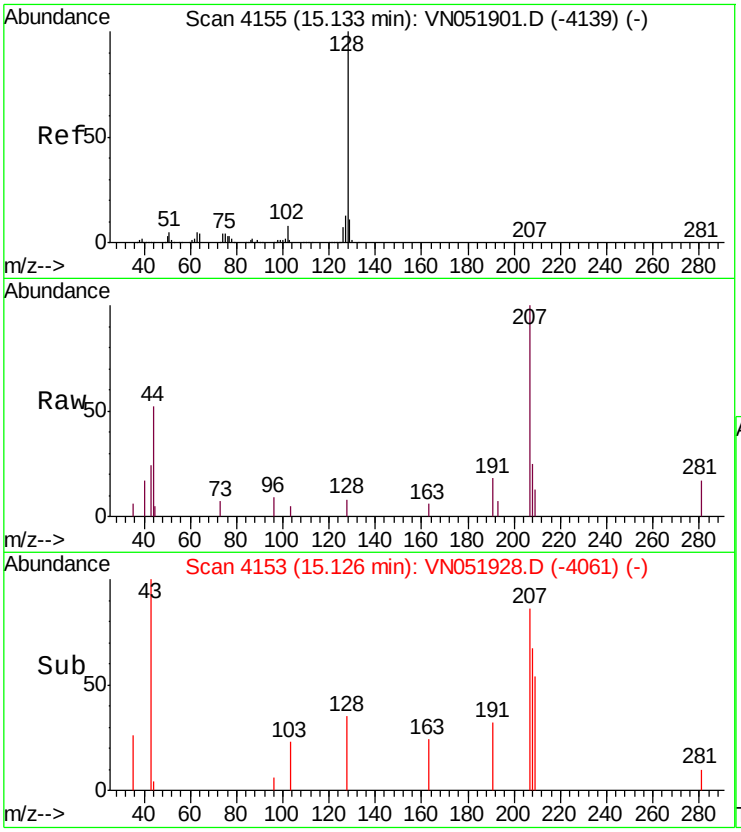


#93
1,2,4-Trichlorobenzene
Concen: 4.078 ug/l
RT: 14.92 min Scan# 4089
Delta R.T. 0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Tgt Ion:180 Resp: 128

Ion	Ratio	Lower	Upper
180	100		
182	132.0	47.3	141.9
145	0.0	14.5	43.5#





#95
Naphthalene
Concen: 4.071 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.01 min
Lab File: VN051928.D
Acq: 18 Oct 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#09

Tgt Ion:128 Resp: 158

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