Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051430.D
Acq On : 23 Sep 2018 22:57
Operator : MD\SY
Sample : PB113124ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Quant Time: Sep 24 06:50:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438975	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.02%			
35) Dibromofluoromethane	7.59	113	387701	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	10.09	98	1378103	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.94%			
62) 4-Bromofluorobenzene	12.40	95	370862	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.48%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	1813	0.346	ug/l	95
10) Methyl Iodide	3.95	142	147	0.291	ug/l #	42
16) Acetone	3.82	43	18763	Below Cal		97
18) Methyl Acetate	4.33	43	9289	1.514	ug/l #	83
20) Methylene Chloride	4.55	84	11664	1.464	ug/l #	86
25) 2-Butanone	6.85	43	4421	1.604	ug/l	92
29) Tetrahydrofuran	7.22	42	1130	0.647	ug/l #	49
31) Cyclohexane	7.67	56	11601	0.915	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45699	3.964	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58968	4.890	ug/l #	16
43) Isopropyl Acetate	8.17	43	248035	20.691	ug/l	95
48) Methyl methacrylate	9.18	41	6192	1.036	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	1793	0.272	ug/l	93
59) 2-Hexanone	10.77	43	13905	3.254	ug/l #	61
71) Bromoform	12.40	173	1681	0.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	184553	38.300	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	184553	117.770	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	698	6.091	ug/l #	79
95) Naphthalene	15.14	128	1925	8.194	ug/l #	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051430.D
Acq On : 23 Sep 2018 22:57
Operator : MD\SY
Sample : PB113124ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Quant Time: Sep 24 06:50:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
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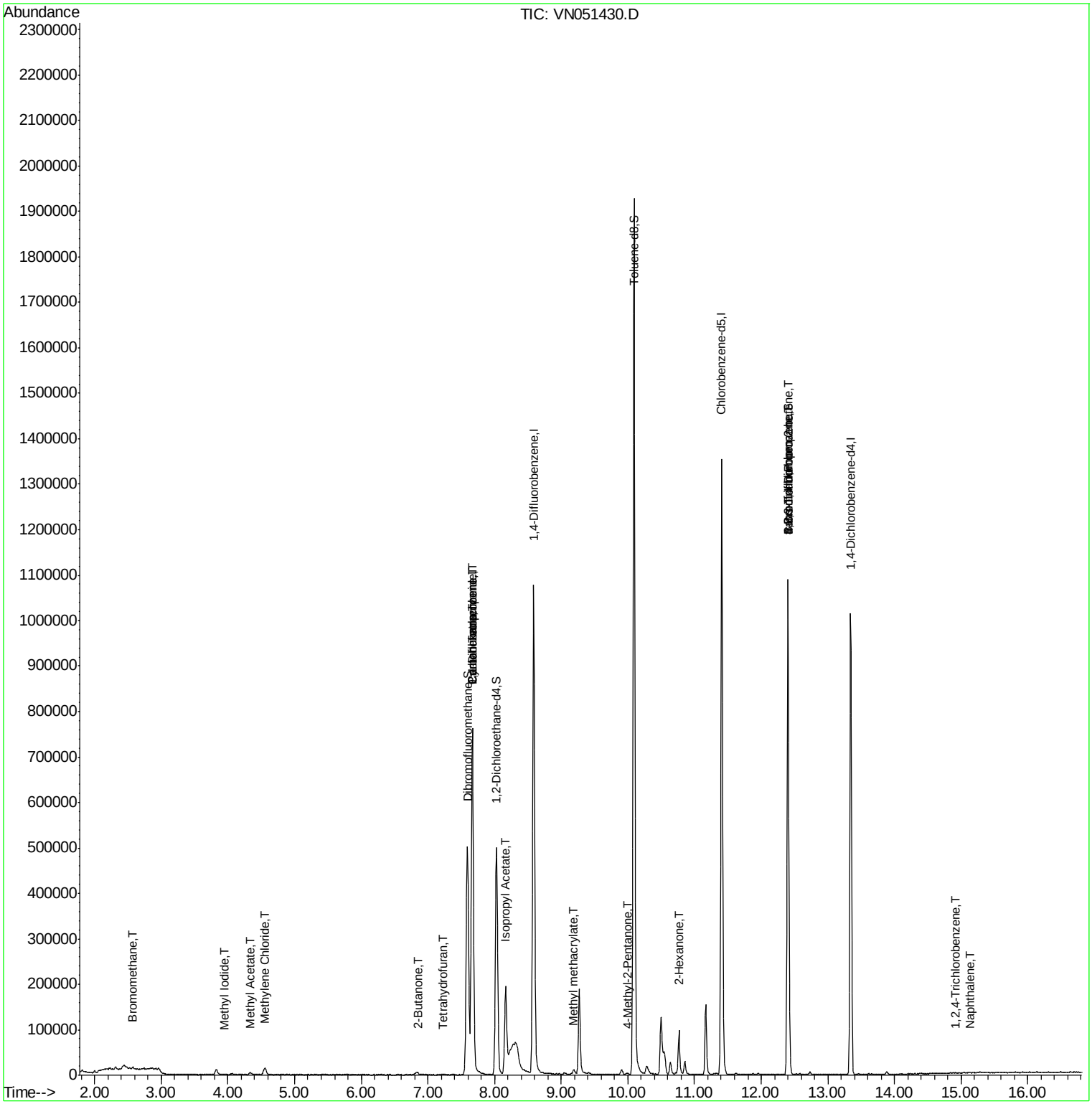
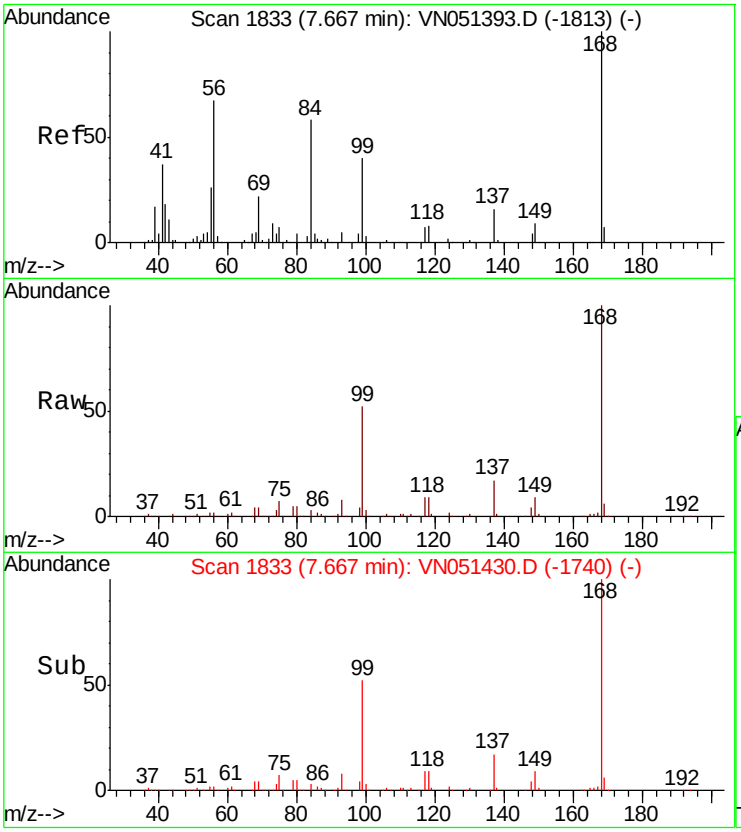
Response via : Initial Calibration

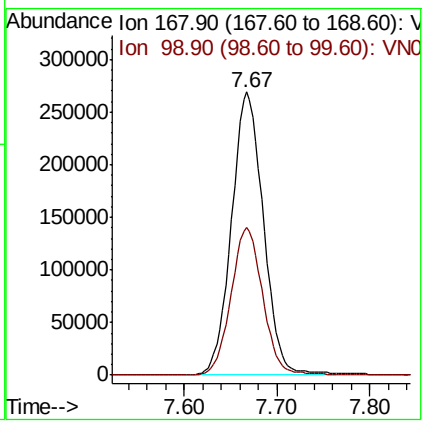




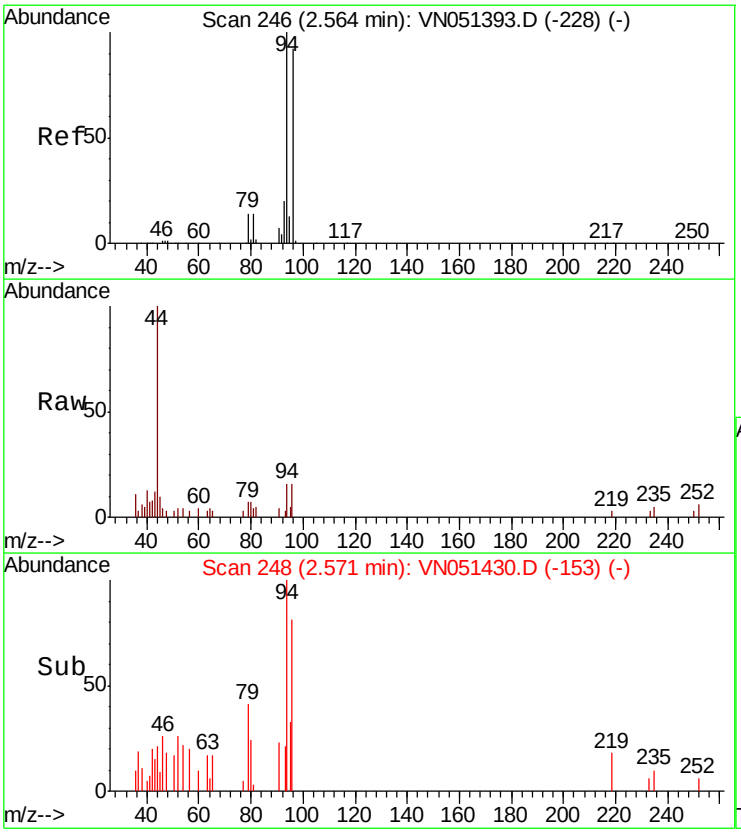
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion:168 Resp: 642894

Ion	Ratio	Lower	Upper
168	100		
99	52.2	40.2	60.2



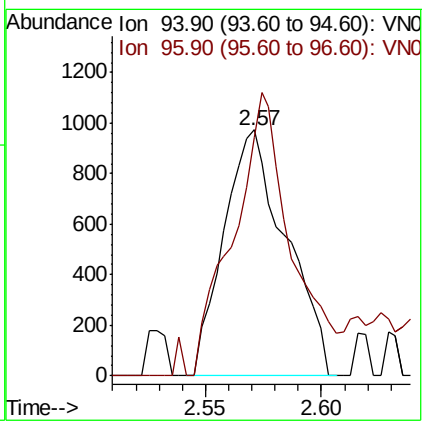
Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

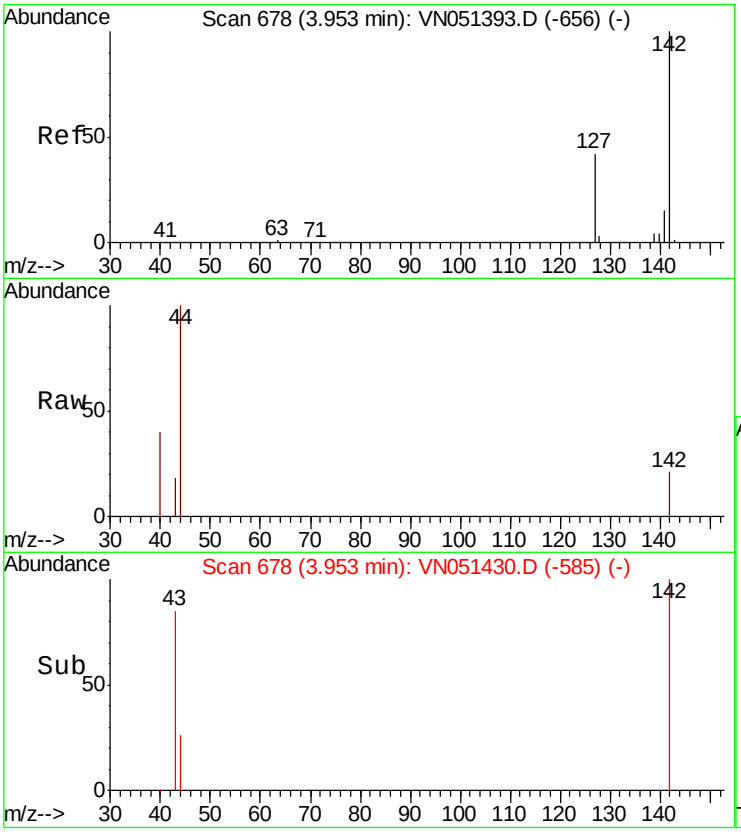


#5
Bromomethane
Concen: 0.346 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 94 Resp: 1813

Ion	Ratio	Lower	Upper
94	100		
96	97.0	73.6	110.4



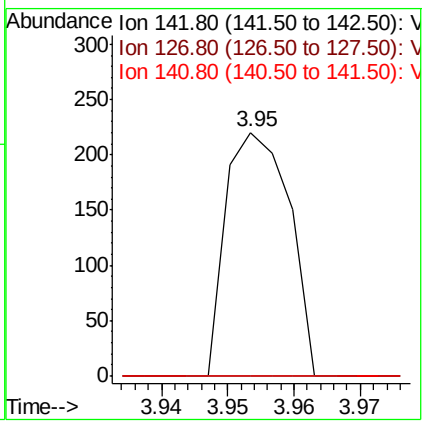


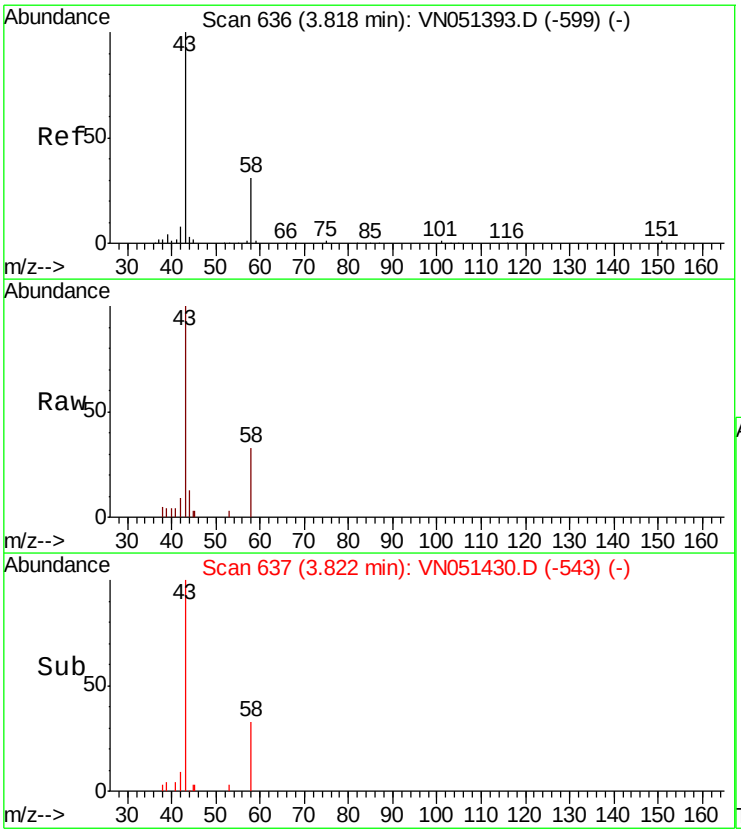
#10
Methyl Iodide
Concen: 0.291 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion:142 Resp: 147

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.2	49.8#
141	0.0	11.5	17.3#

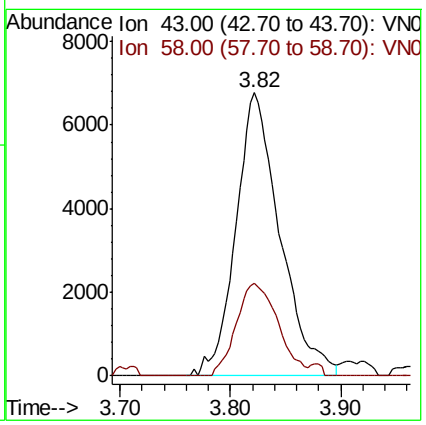


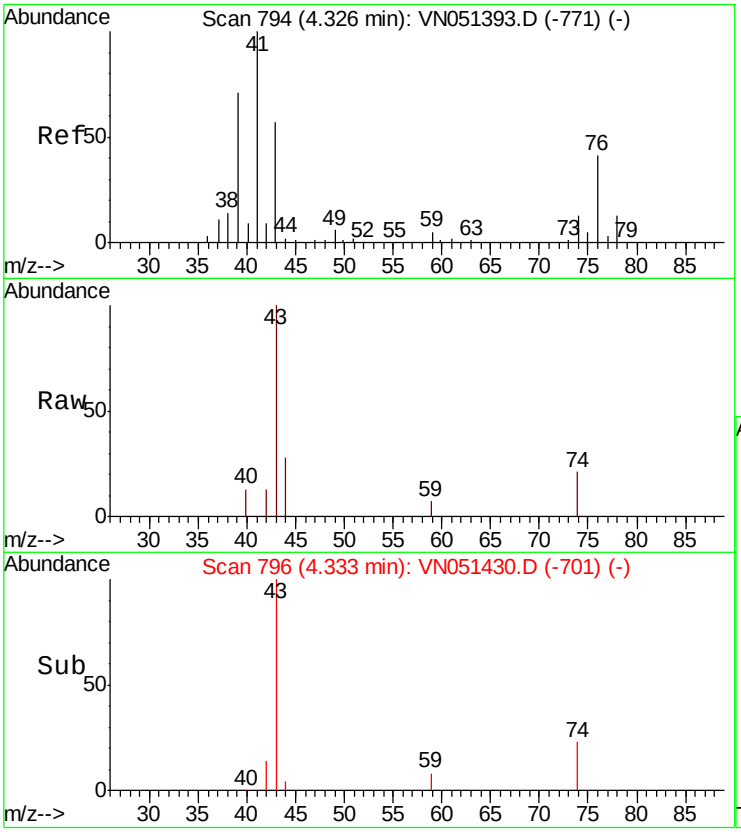


#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 43 Resp: 18763

Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.0	37.4



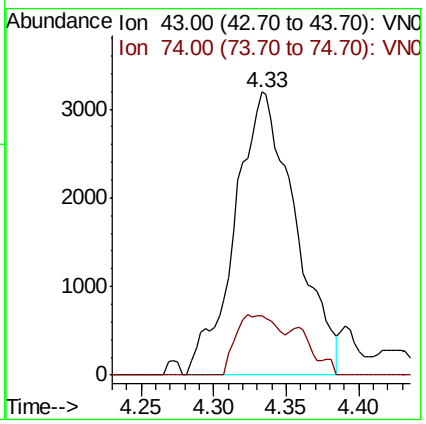


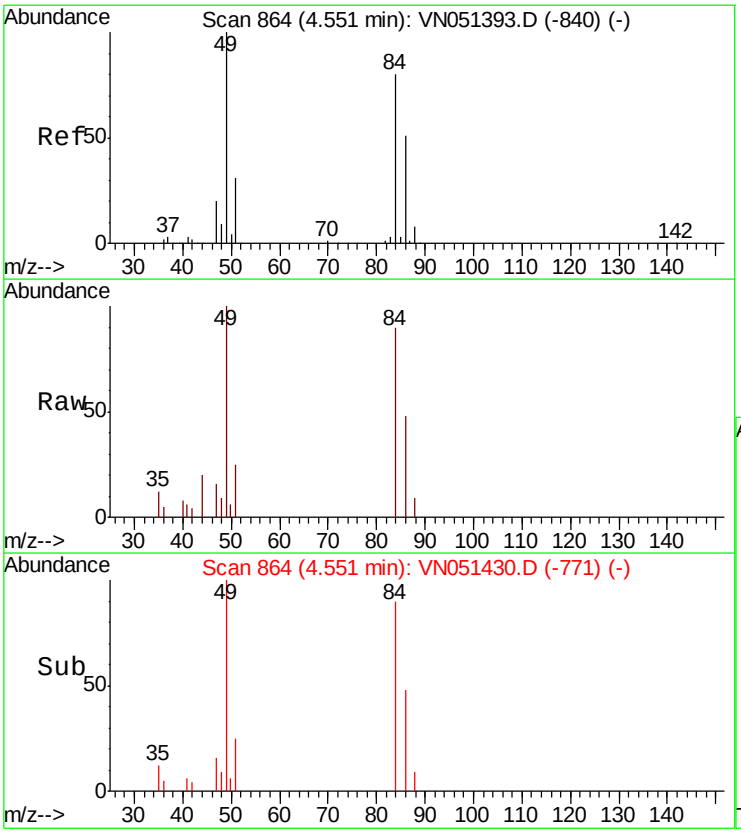
#18
Methyl Acetate
Concen: 1.514 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Tgt Ion: 43 Resp: 9289

Ion	Ratio	Lower	Upper
43	100		
74	15.0	18.8	28.2#

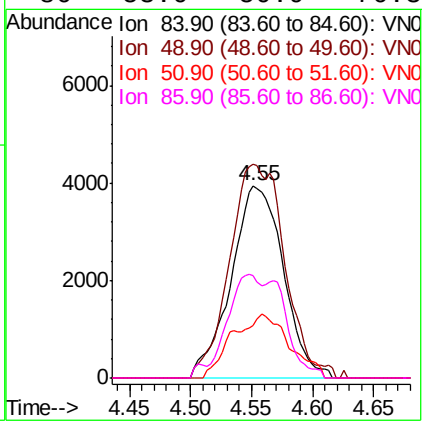


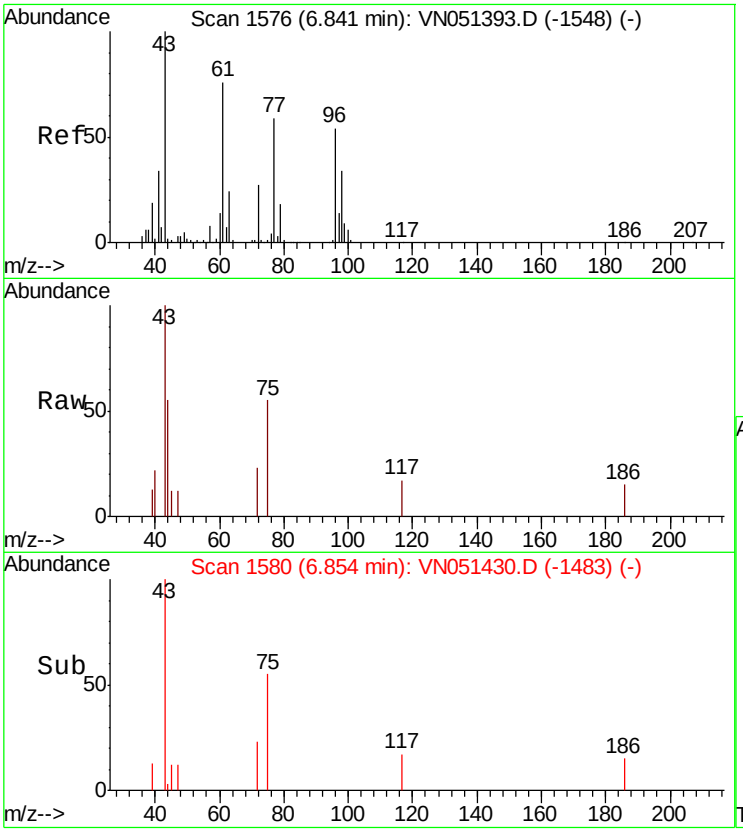


#20
Methylene Chloride
Concen: 1.464 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 84 Resp: 11664

Ion	Ratio	Lower	Upper
84	100		
49	111.1	99.9	149.9
51	27.5	31.4	47.2#
86	53.0	50.9	76.3



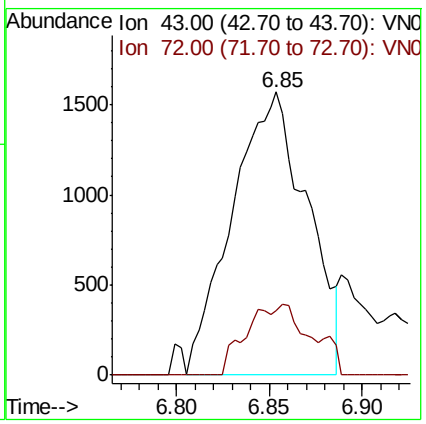


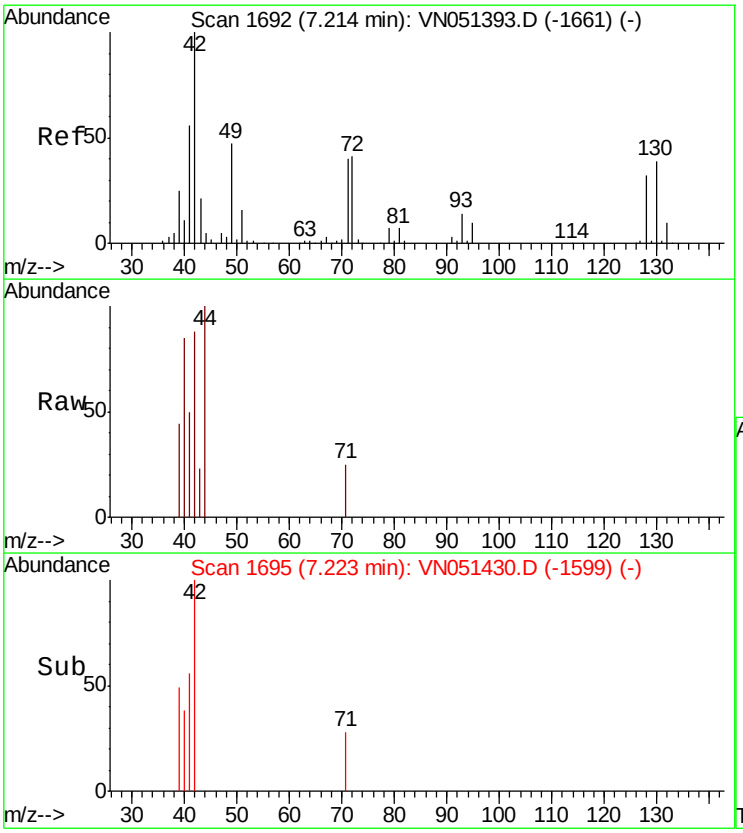
#25
2-Butanone
Concen: 1.604 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Tgt Ion: 43 Resp: 4421

Ion	Ratio	Lower	Upper
43	100		
72	22.9	21.8	32.6

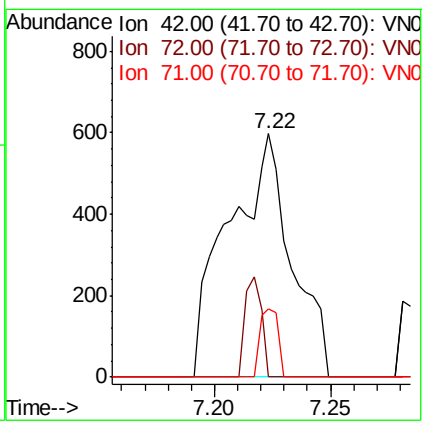


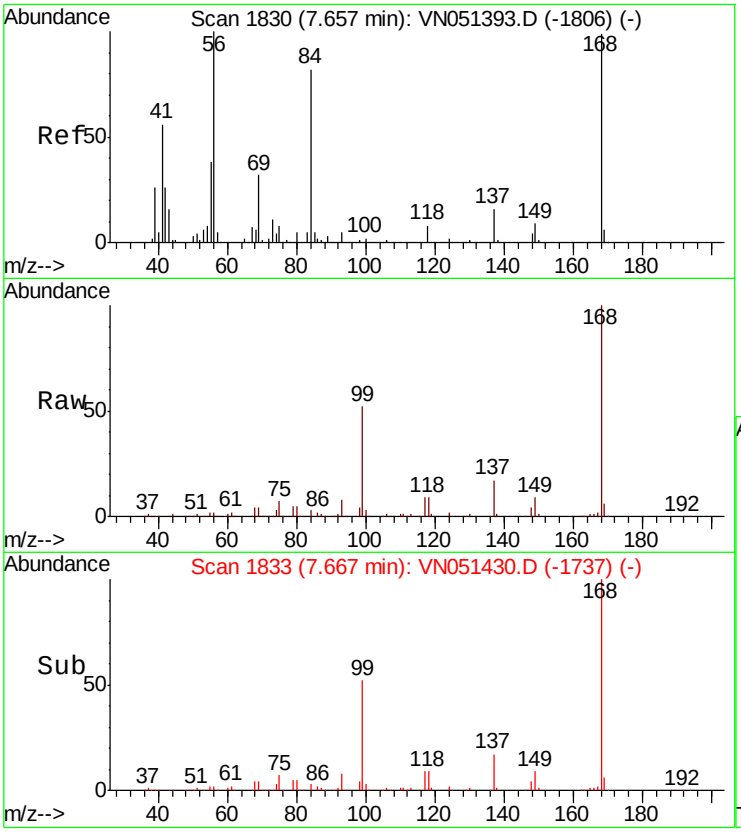


#29
Tetrahydrofuran
Concen: 0.647 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 42 Resp: 1130

Ion	Ratio	Lower	Upper
42	100		
72	10.6	34.3	51.5#
71	8.1	32.2	48.4#



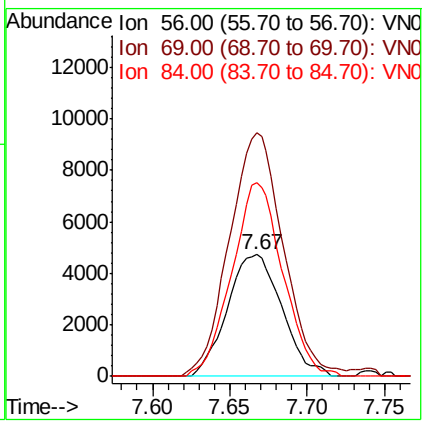


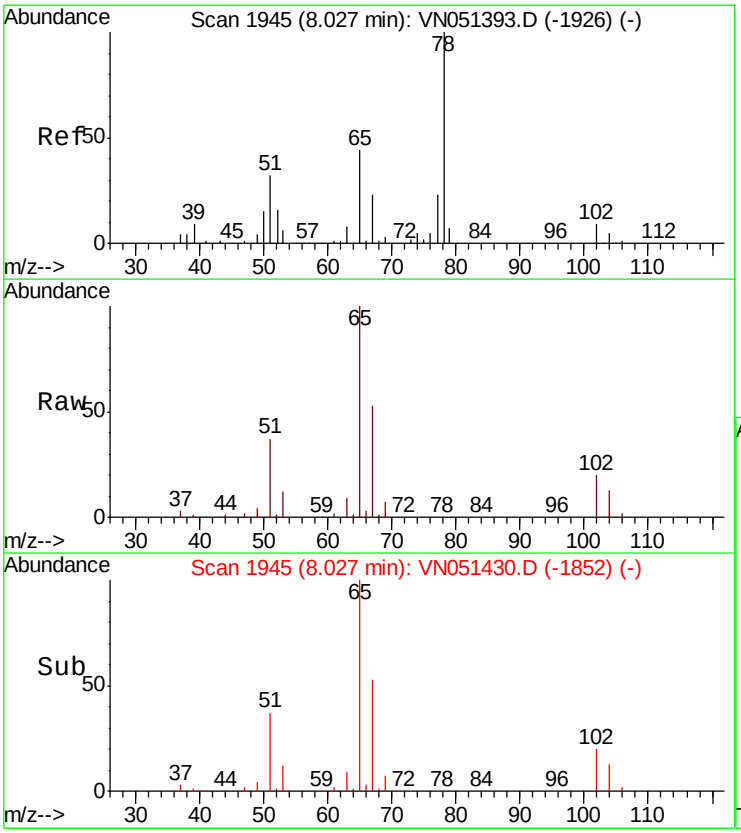
#31
Cyclohexane
Concen: 0.915 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion: 56 Resp: 11601

Ion	Ratio	Lower	Upper
56	100		
69	196.6	25.8	38.6#
84	159.3	66.0	99.0#

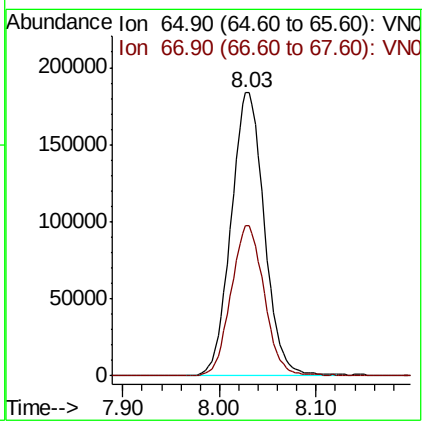


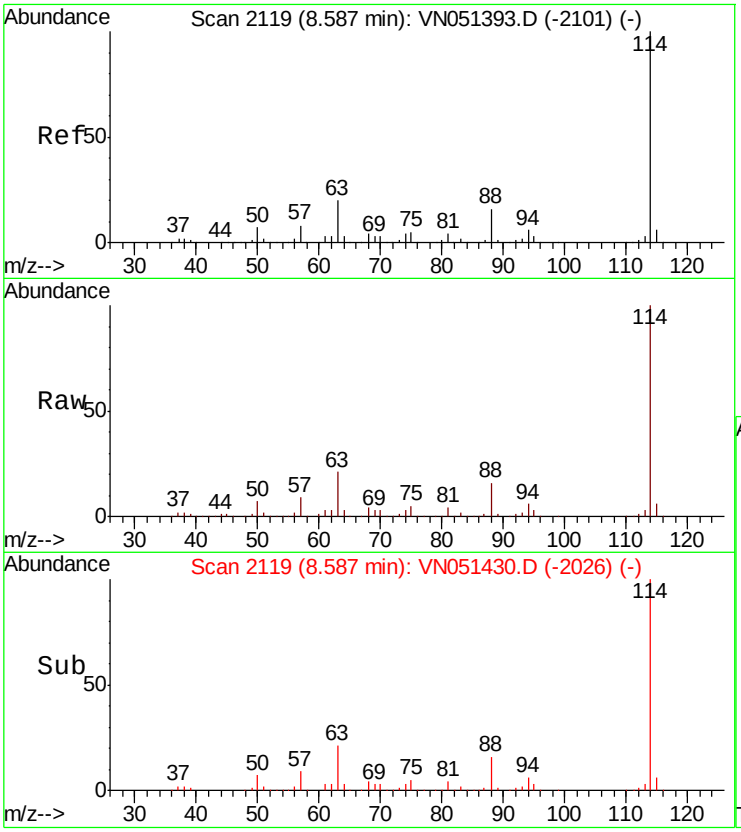


#33
1,2-Dichloroethane-d4
Concen: 54.508 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 65 Resp: 438975

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8



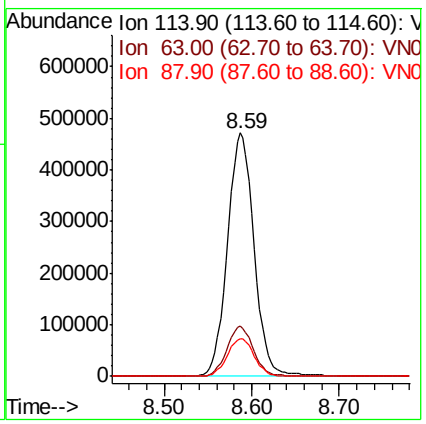


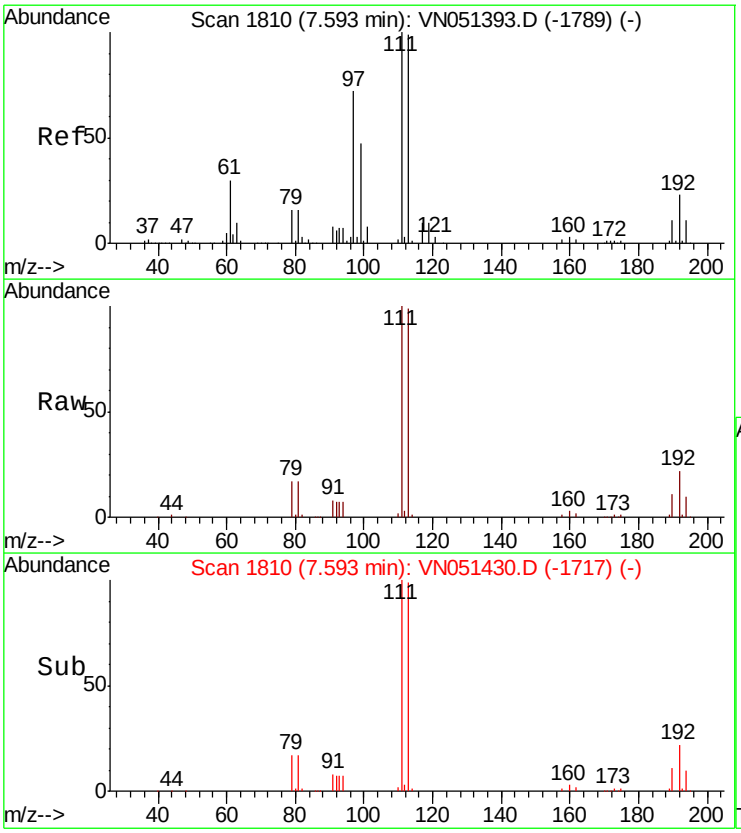
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion:114 Resp: 995662

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.2
88	15.6	0.0	31.4

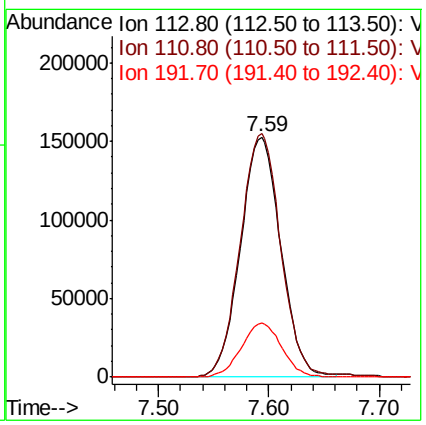


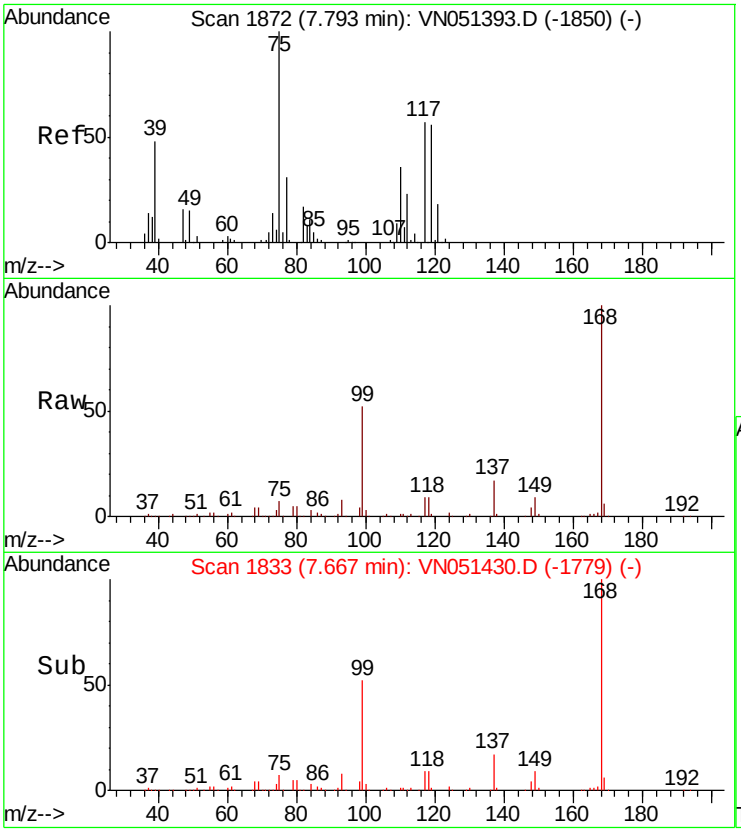


#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion:113 Resp: 387701

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.5	18.0	27.0



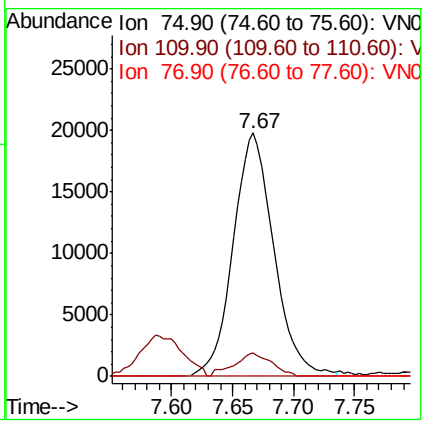


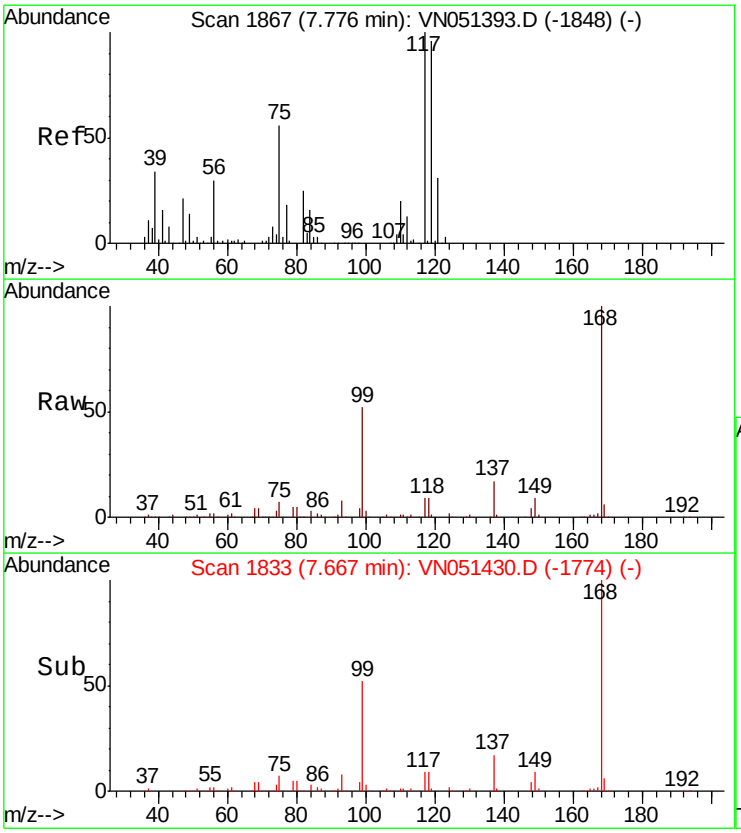
#36
1,1-Dichloropropene
Concen: 3.964 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion: 75 Resp: 45699

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	25.6	38.4#

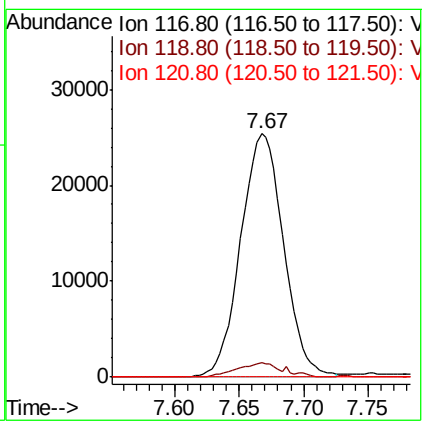


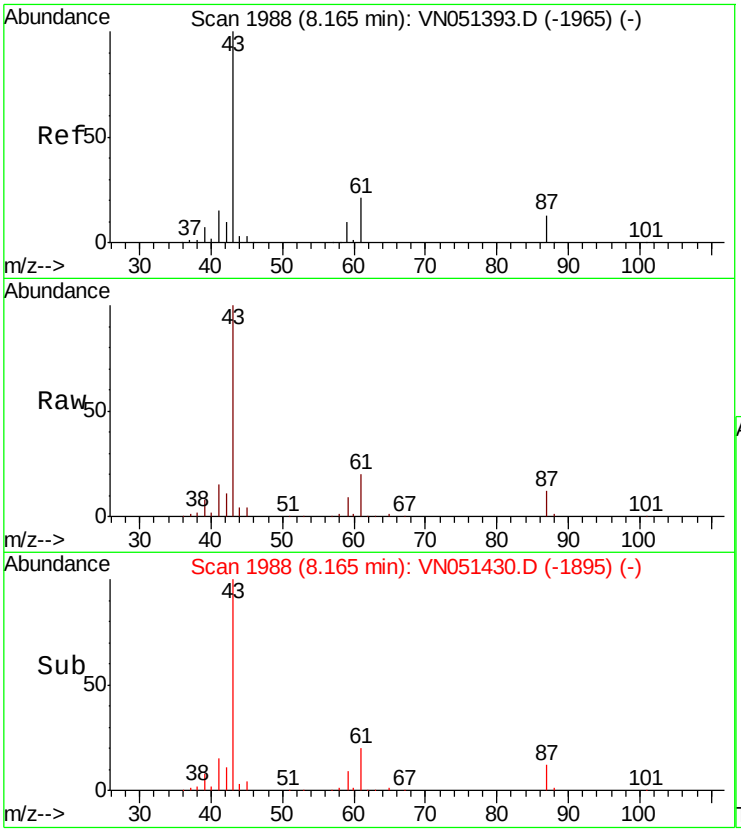


#38
Carbon Tetrachloride
Concen: 4.890 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion:117 Resp: 58968

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.9	115.3#
121	0.0	24.6	37.0#



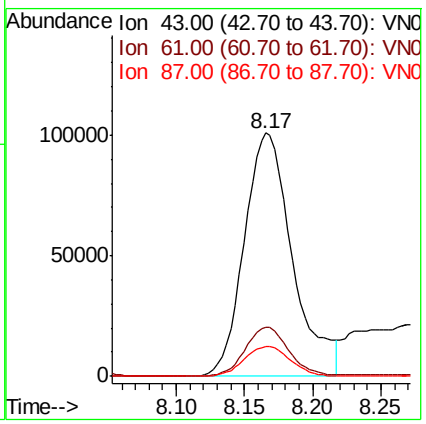


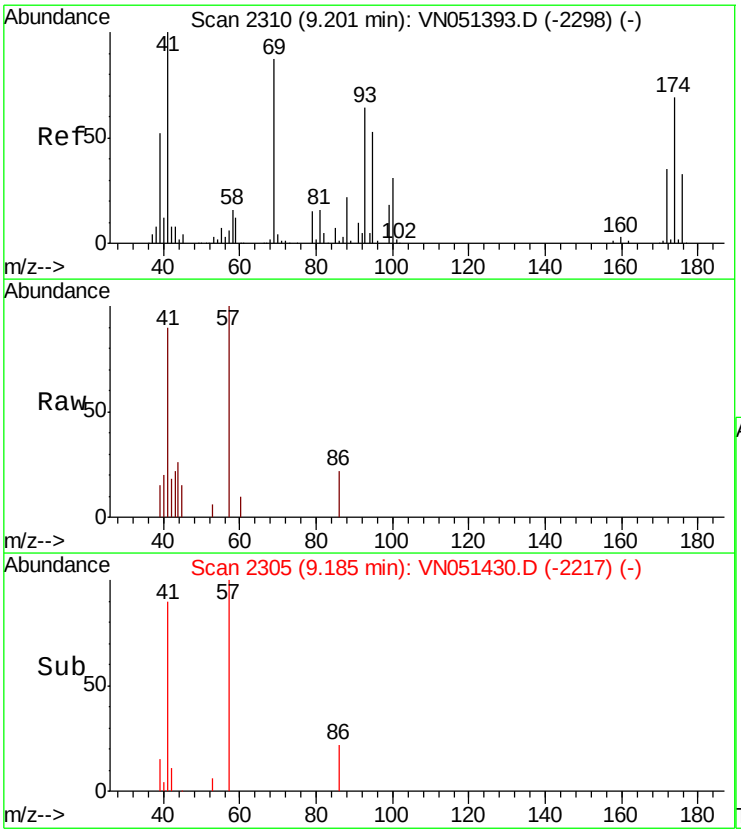
#43
Isopropyl Acetate
Concen: 20.691 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Tgt Ion: 43 Resp: 248035

Ion	Ratio	Lower	Upper
43	100		
61	18.5	16.8	25.2
87	12.0	10.7	16.1

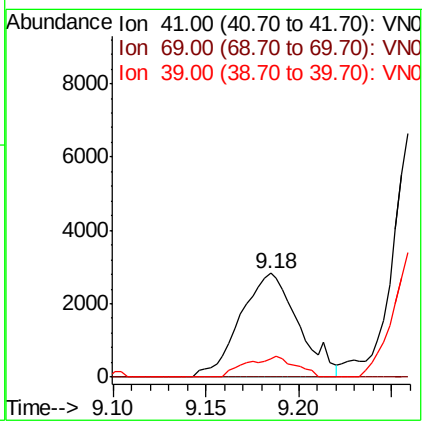


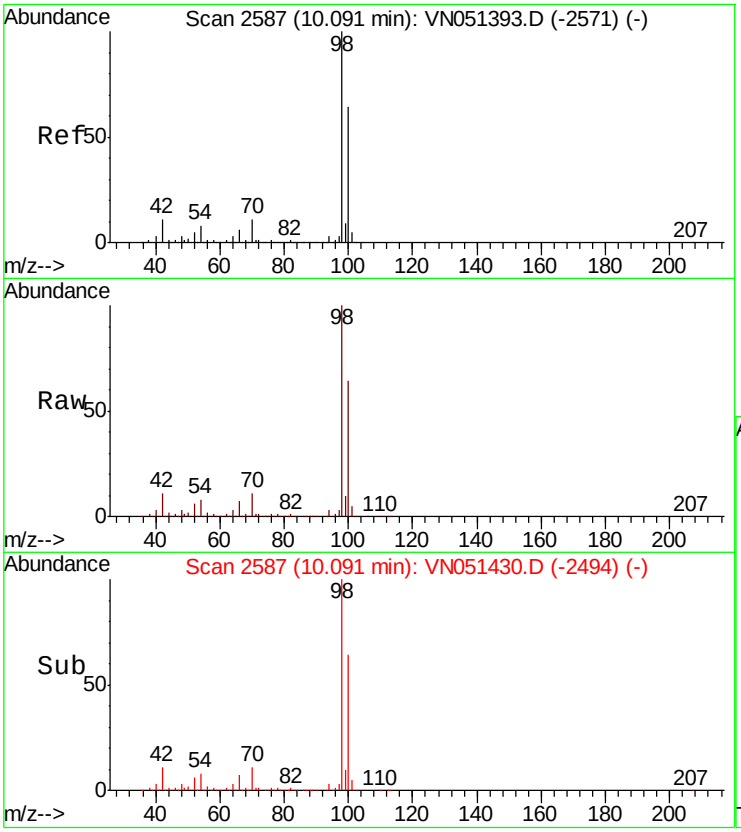


#48
Methyl methacrylate
Concen: 1.036 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 41 Resp: 6192

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	16.6	43.8	65.8#



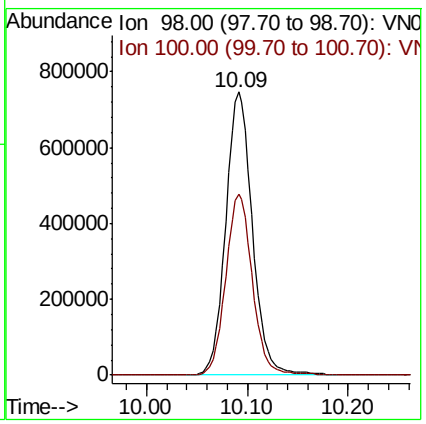


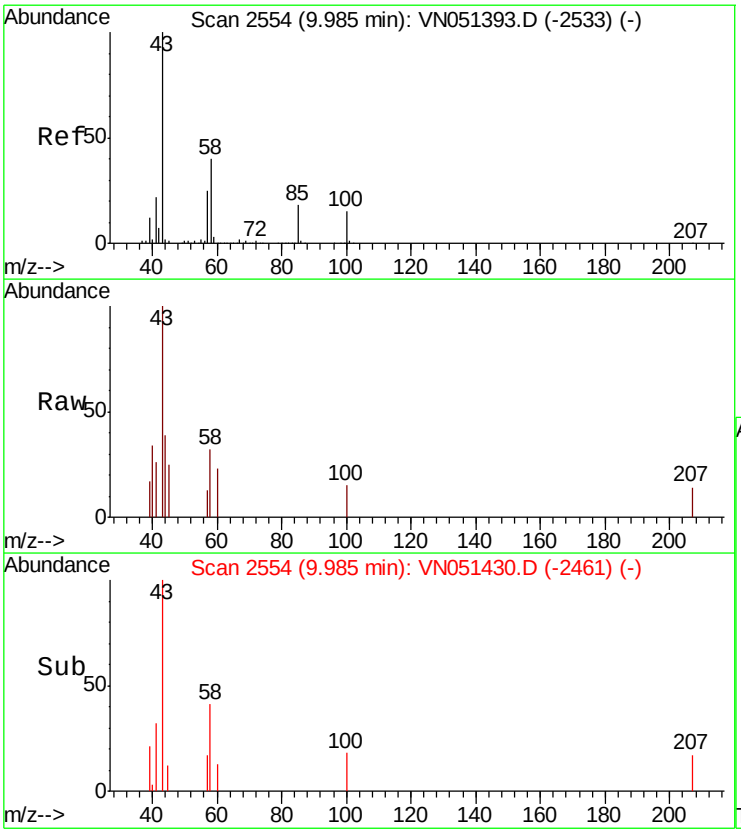
#50
Toluene-d8
Concen: 45.965 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion: 98 Resp: 1378103

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8

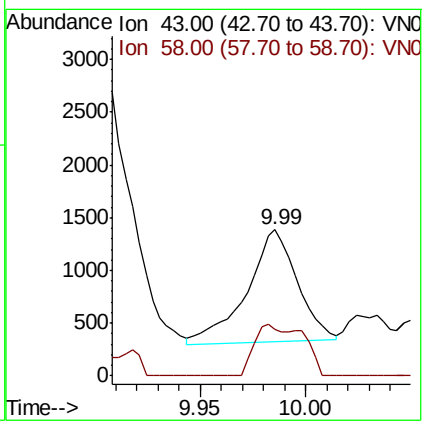


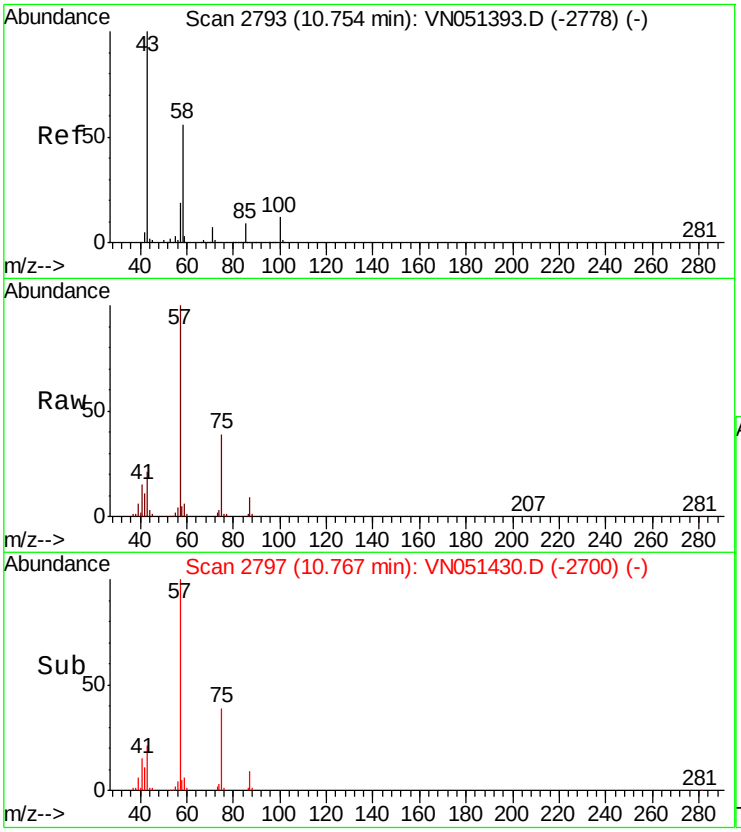


#51
4-Methyl-2-Pentanone
Concen: 0.272 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 43 Resp: 1793

Ion	Ratio	Lower	Upper
43	100		
58	43.7	31.5	47.3



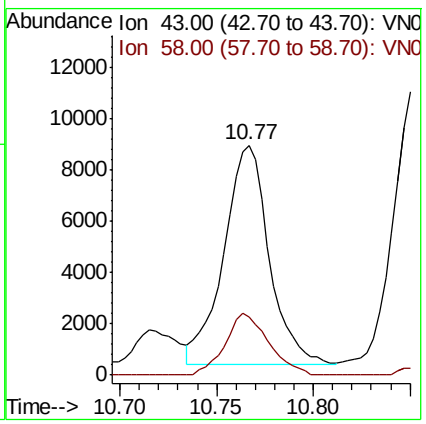


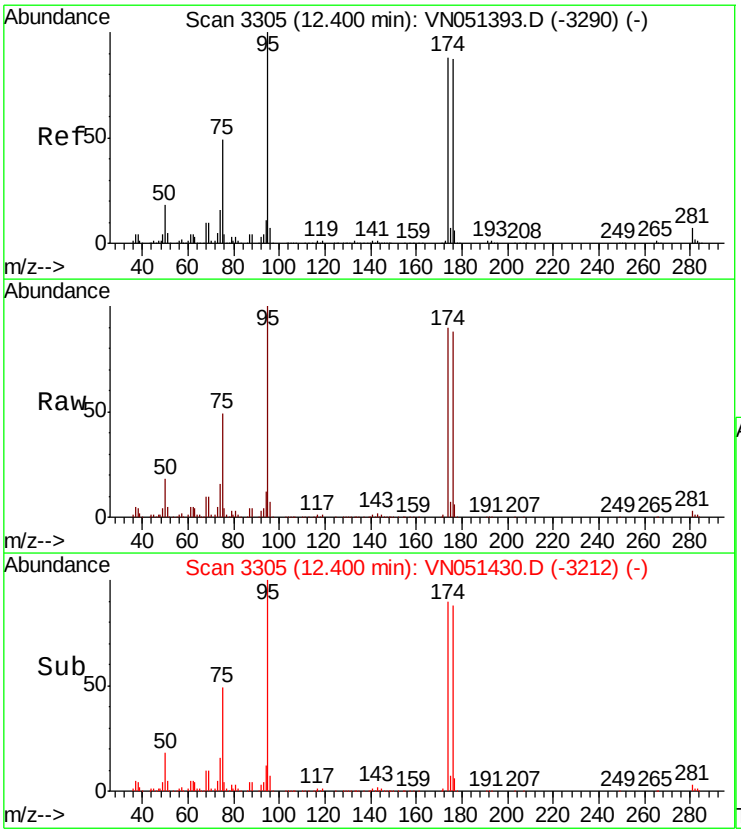
#59
2-Hexanone
Concen: 3.254 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion: 43 Resp: 13905

Ion	Ratio	Lower	Upper
43	100		
58	26.9	27.7	83.0#

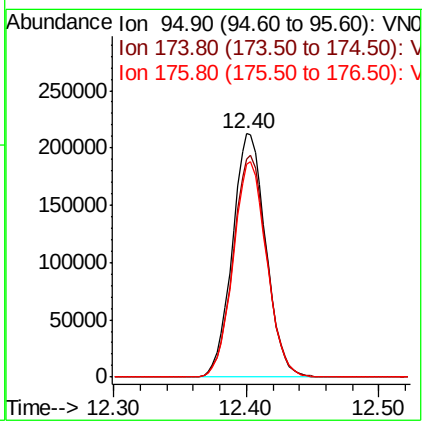


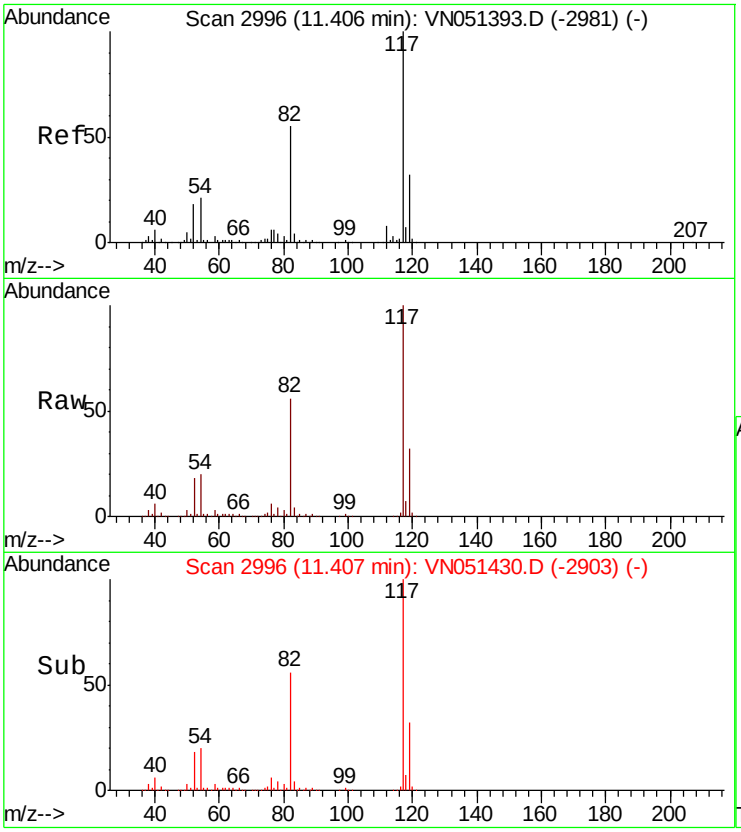


#62
4-Bromofluorobenzene
Concen: 38.237 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 95 Resp: 370862

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	181.6
176	88.8	0.0	176.4



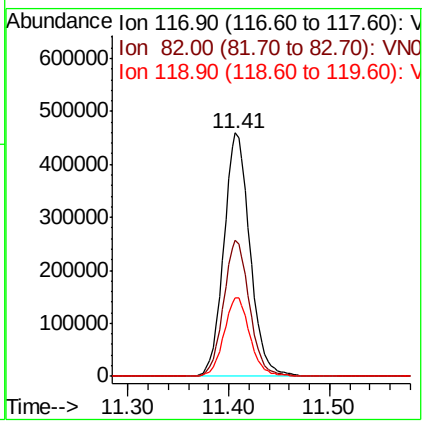


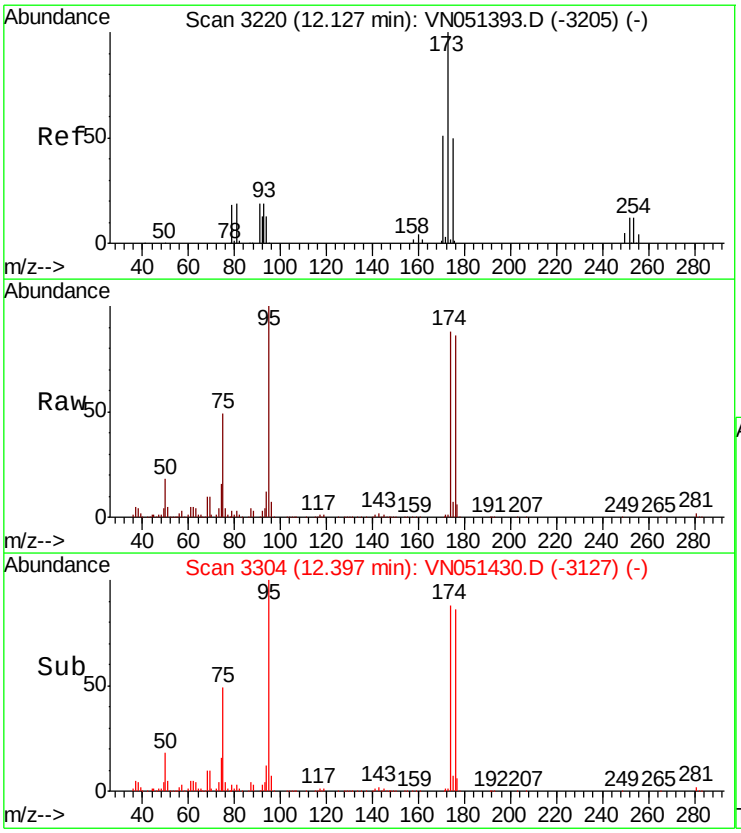
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Tgt Ion:117 Resp: 829829

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	32.5	25.9	38.9

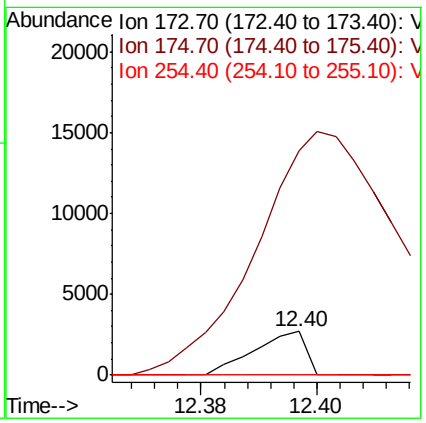


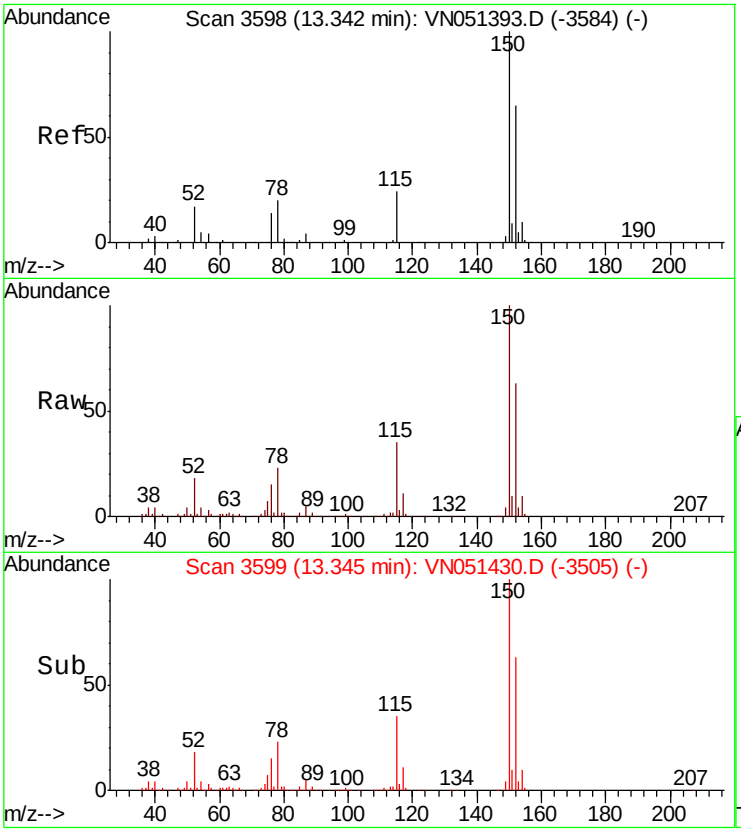


#71
Bromoform
Concen: 0.305 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion:173 Resp: 1681

Ion	Ratio	Lower	Upper
173	100		
175	1299.7	24.8	74.3#
254	0.0	0.2	0.2#



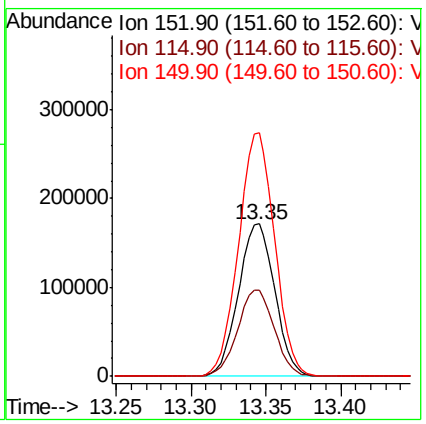


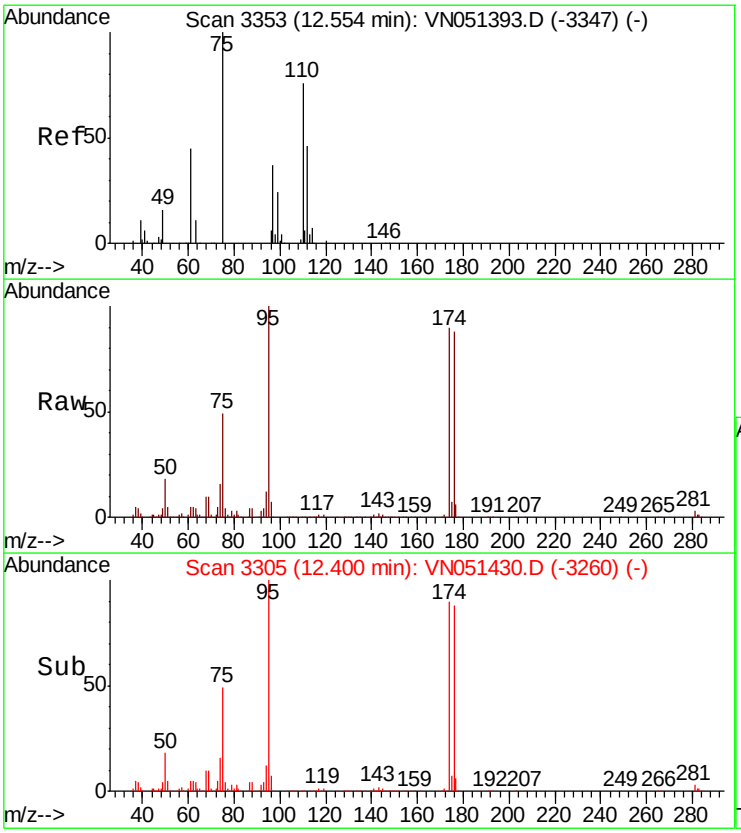
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument : MSVOA_N
ClientSampleId : PB113124ZHE#01

Tgt Ion:152 Resp: 290267

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.3	84.9
150	158.4	0.0	353.6

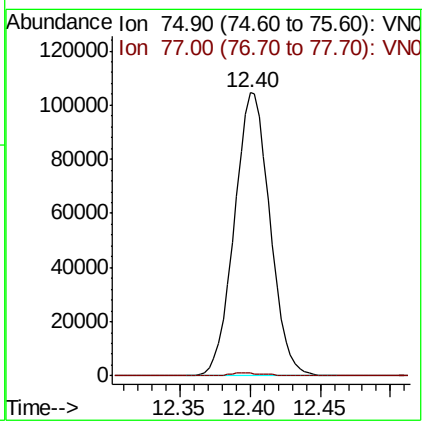


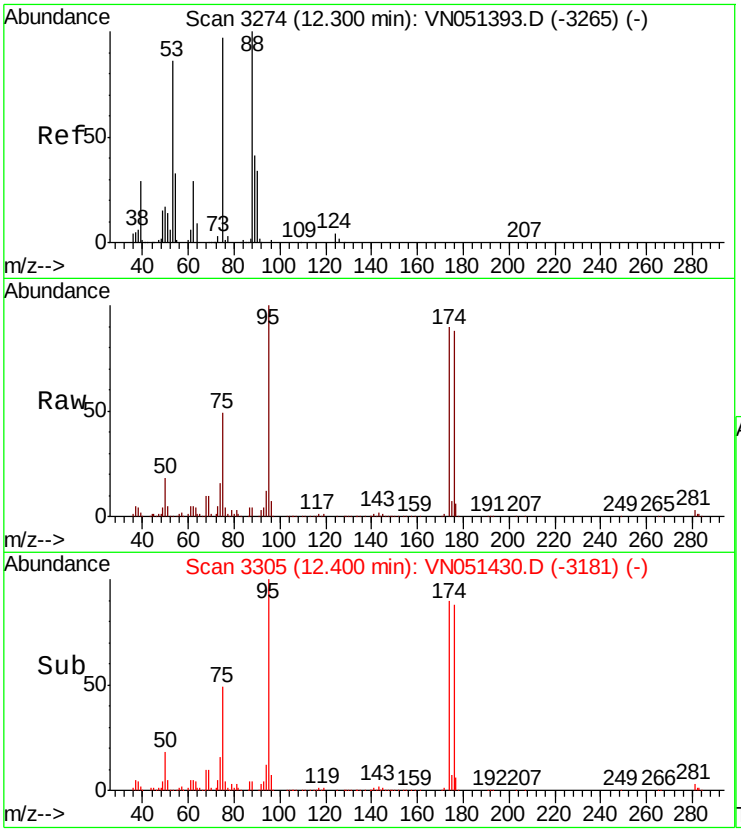


#76
1,2,3-Trichloropropane
Concen: 38.300 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion: 75 Resp: 184553

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



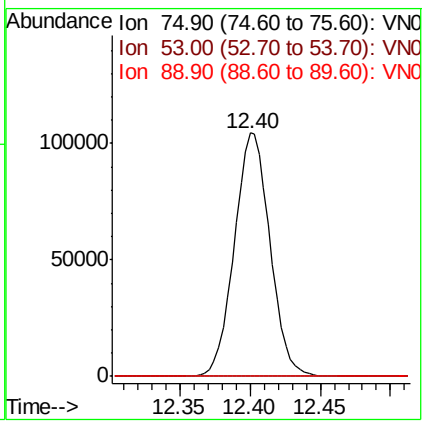


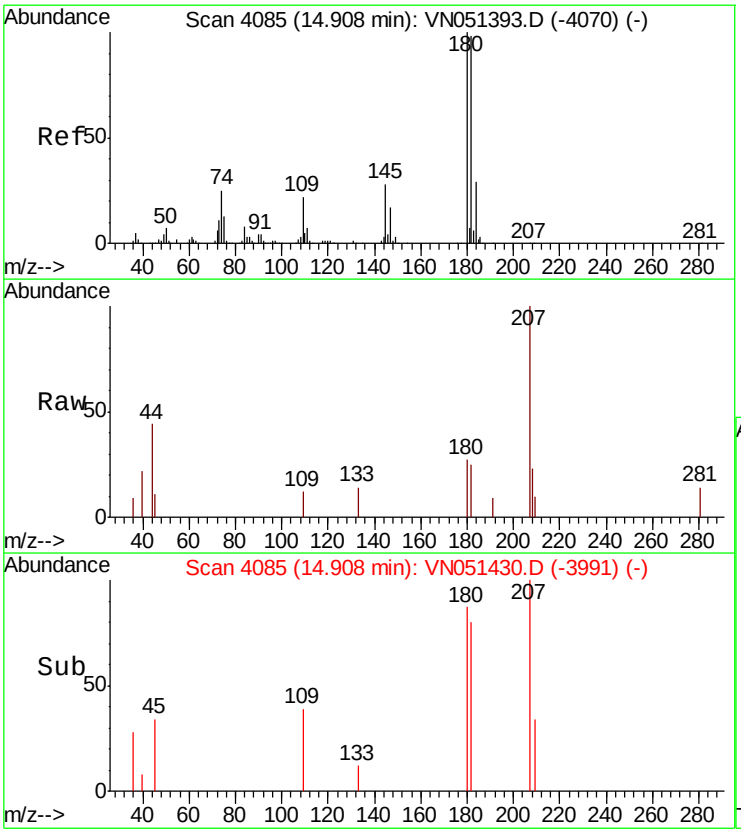
#81
trans-1,4-Dichloro-2-butene
Concen: 117.770 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion: 75 Resp: 184553

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.9	110.9#
89	0.0	36.7	55.1#

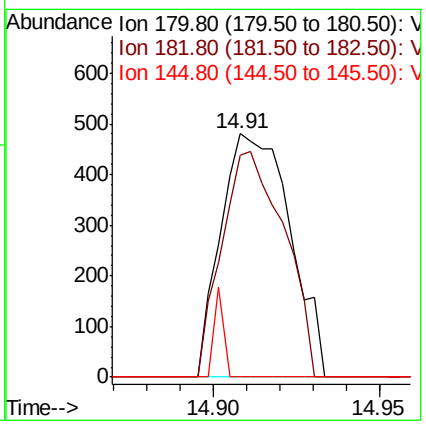


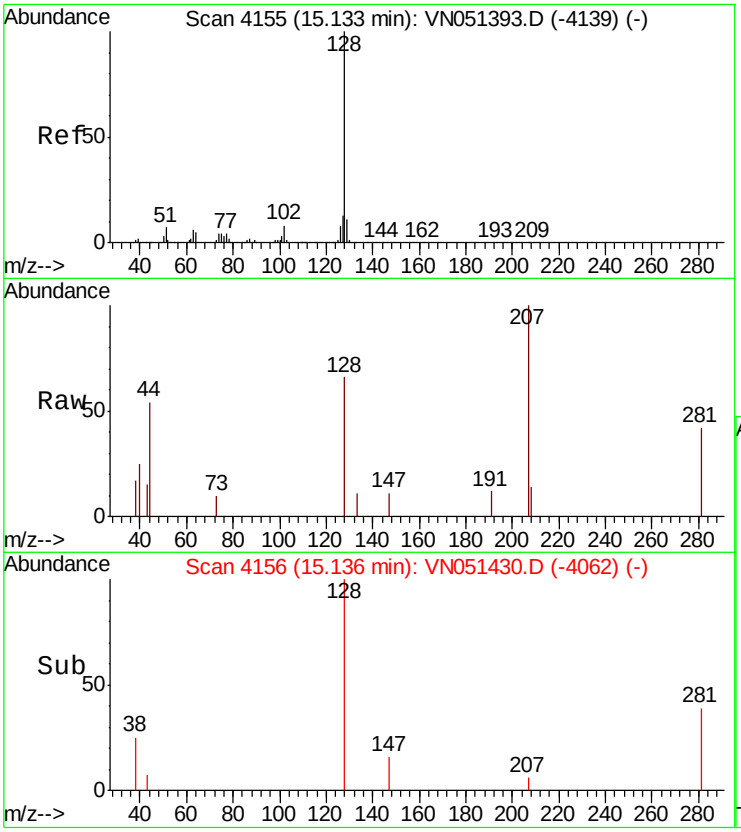


#93
1,2,4-Trichlorobenzene
Concen: 6.091 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Tgt Ion:180 Resp: 698

Ion	Ratio	Lower	Upper
180	100		
182	83.7	48.5	145.6
145	4.9	14.1	42.4#





#95
Naphthalene
Concen: 8.194 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051430.D
Acq: 23 Sep 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#01

Tgt Ion:128 Resp: 1925

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#