Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053836.D
Acq On : 18 Feb 2019 12:07
Operator : JC/SP
Sample : PB117159TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Quant Time: Feb 19 03:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	700623	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1141406	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1091197	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	432472	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	359725	51.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.36%				
35) Dibromofluoromethane	7.59	113	360988	50.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.10%				
50) Toluene-d8	10.09	98	1407856	51.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.98%				
62) 4-Bromofluorobenzene	12.40	95	470175	52.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.12%				
Target Compounds							Qvalue
16) Acetone	3.82	43	19099	10.594	ug/l		96
18) Methyl Acetate	4.33	43	3109	0.582	ug/l	#	78
20) Methylene Chloride	4.56	84	20915	2.765	ug/l		98
25) 2-Butanone	6.85	43	4147	1.613	ug/l	#	86
29) Tetrahydrofuran	7.22	42	1831	1.109	ug/l	#	78
31) Cyclohexane	7.67	56	10056	0.679	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	41599	4.043	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	55353	5.340	ug/l	#	16
43) Isopropyl Acetate	8.17	43	27809	2.506	ug/l	#	81
45) 1,2-Dichloropropane	9.27	63	1968	0.243	ug/l	#	43
48) Methyl methacrylate	9.17	41	8967	1.693	ug/l	#	12
49) 1,4-Dioxane	9.26	88	67	39.937	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	7894	1.448	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	68273	5.657	ug/l	#	60
57) 1,3-Dichloropropane	10.76	76	13010	1.122	ug/l	#	43
59) 2-Hexanone	10.76	43	165729	44.765	ug/l	#	51
76) 1,2,3-Trichloropropane	12.40	75	218541	39.342	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	7243	0.287	ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	218541	110.628	ug/l	#	15
93) 1,2,4-Trichlorobenzene	14.91	180	1735	0.215	ug/l		90
95) Naphthalene	15.13	128	3958	1.937	ug/l	#	82
96) 1,2,3-Trichlorobenzene	15.32	180	1845	0.246	ug/l	#	88

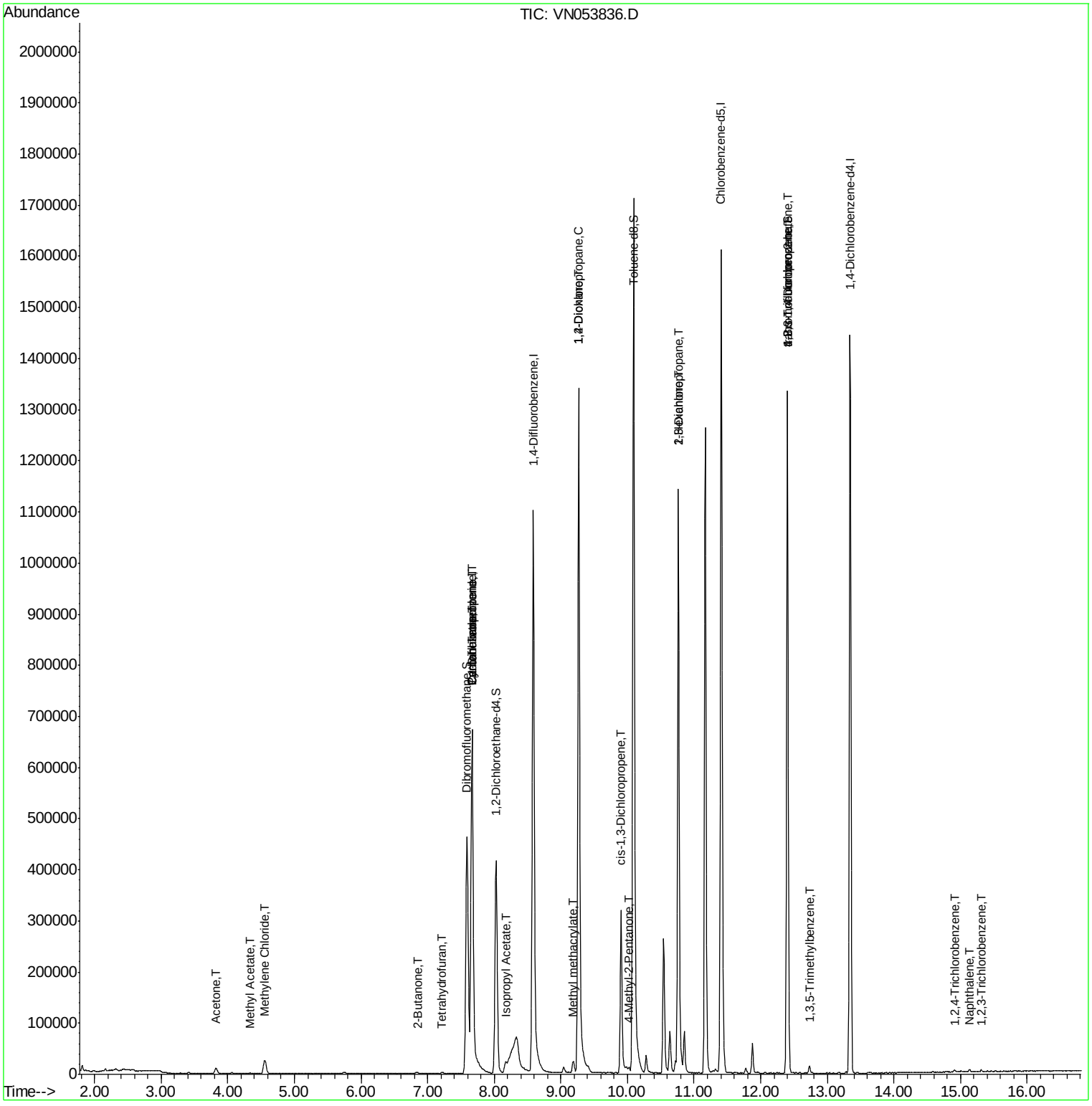
(#) = qualifier out of range (m) = manual integration (+) = signals summed

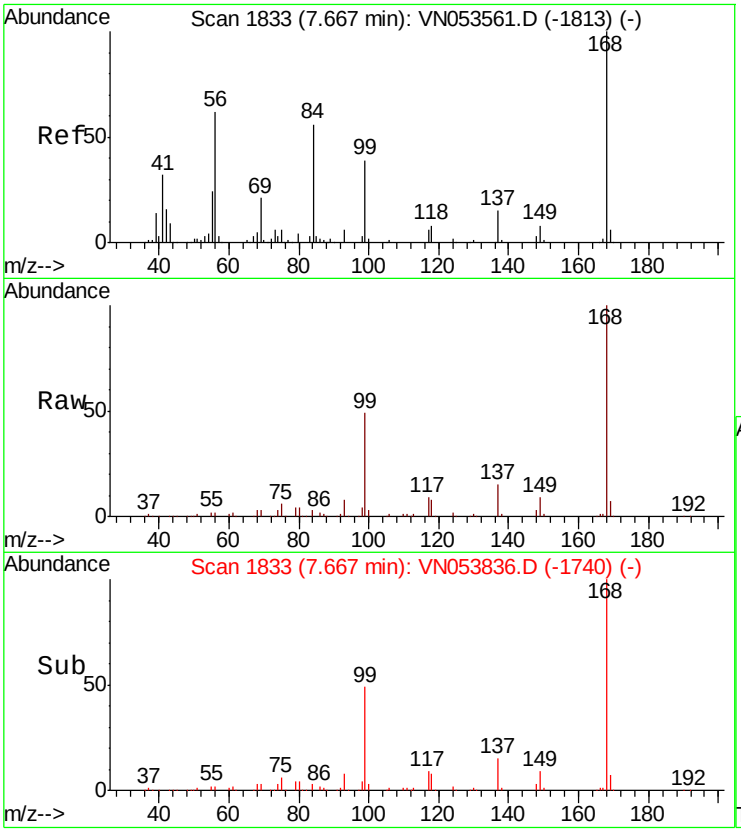
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053836.D
Acq On : 18 Feb 2019 12:07
Operator : JC/SP
Sample : PB117159TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB117159TB

Quant Time: Feb 19 03:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



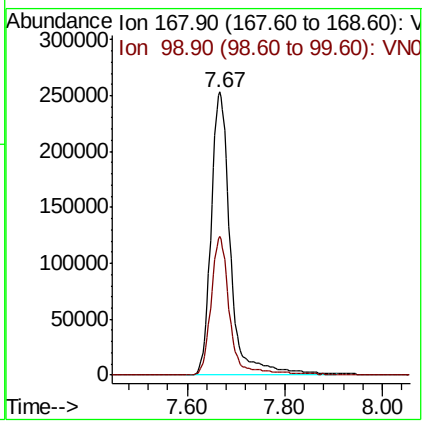


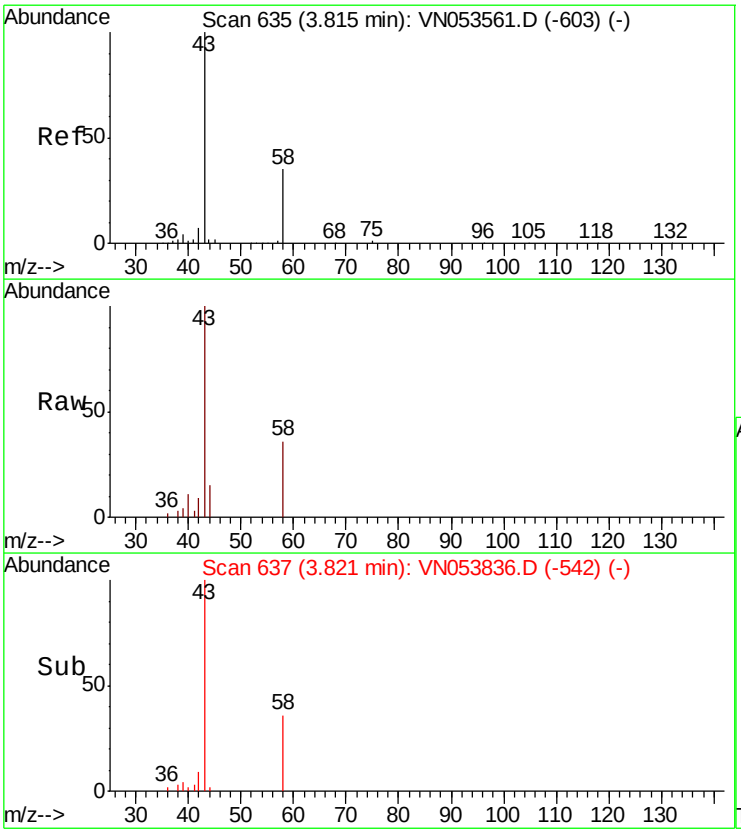
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB117159TB

Tgt Ion:168 Resp: 700623

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.1	58.7

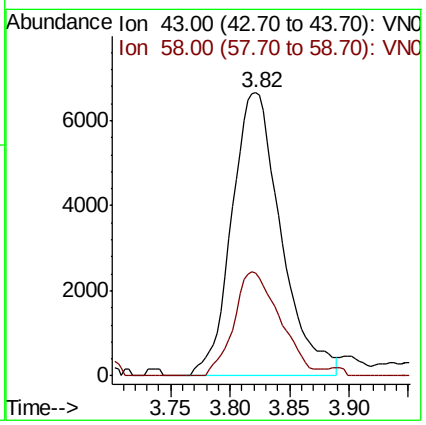


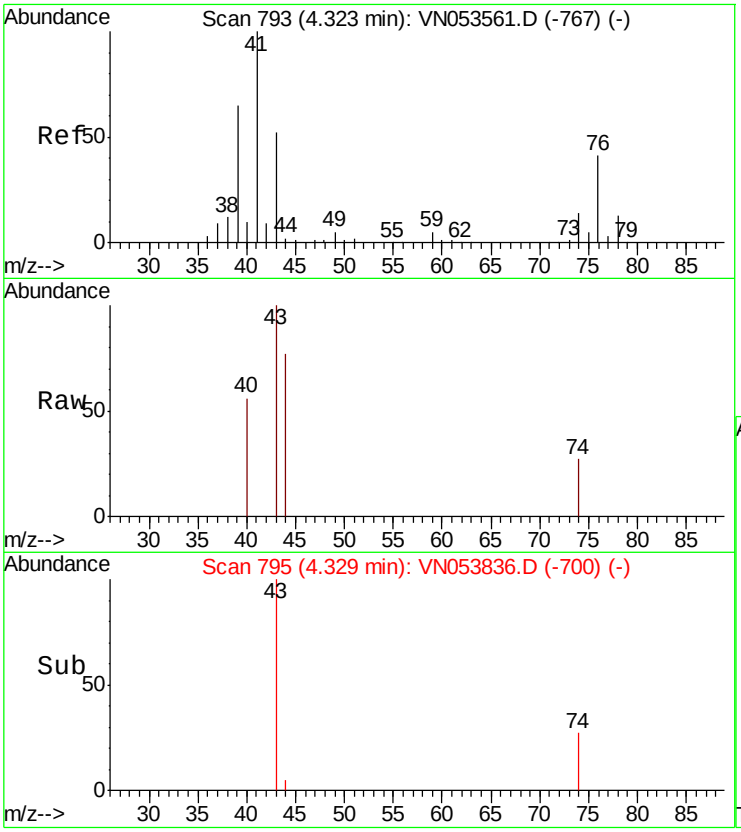


#16
Acetone
Concen: 10.594 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 43 Resp: 19099

Ion	Ratio	Lower	Upper
43	100		
58	36.4	27.1	40.7



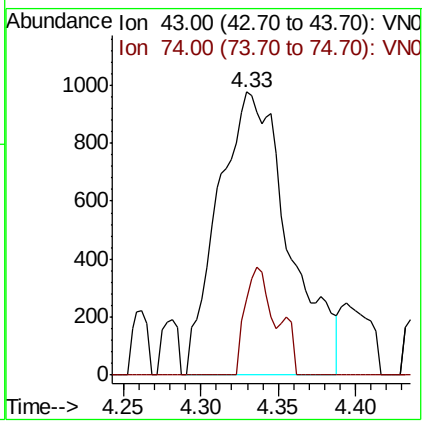


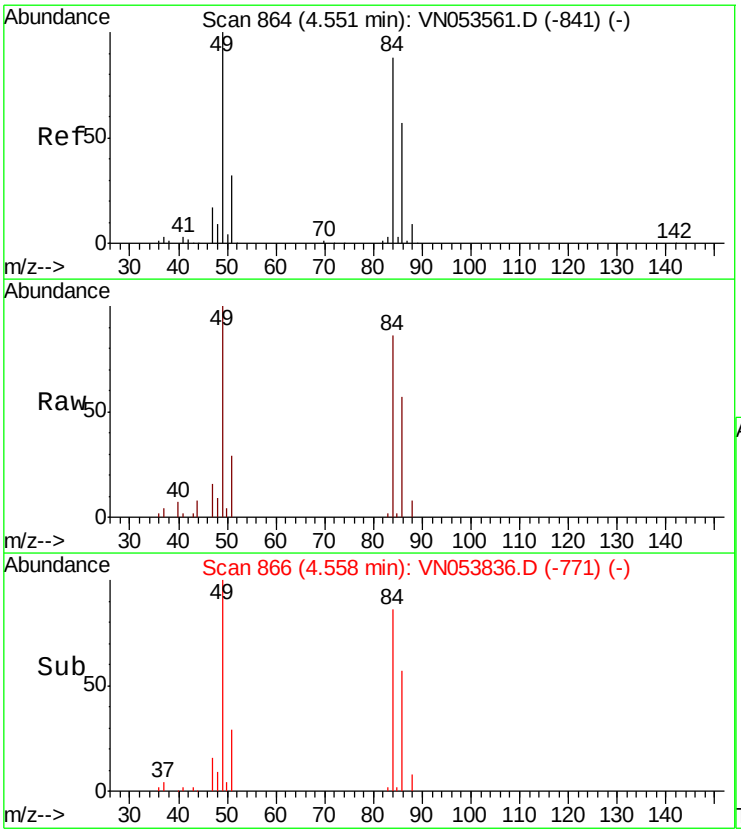
#18
Methyl Acetate
Concen: 0.582 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 43 Resp: 3109

Ion	Ratio	Lower	Upper
43	100		
74	13.3	19.4	29.2#

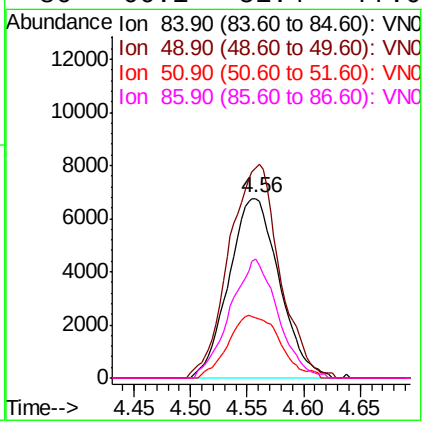


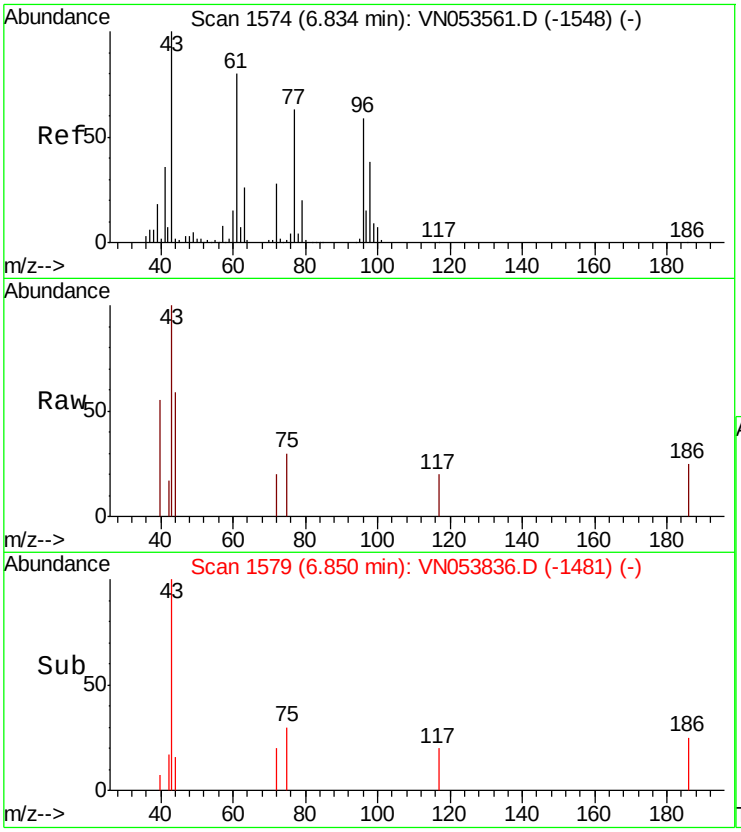


#20
Methylene Chloride
Concen: 2.765 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 84 Resp: 20915

Ion	Ratio	Lower	Upper
84	100		
49	116.8	94.3	141.5
51	33.4	29.4	44.2
86	66.1	51.4	77.0



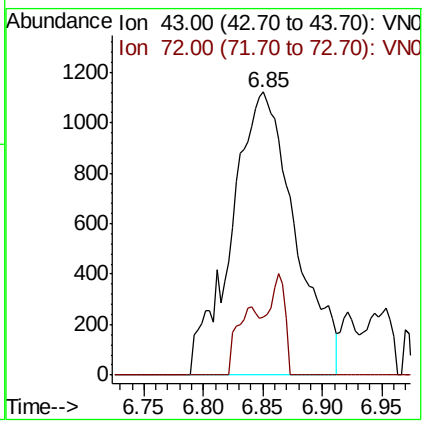


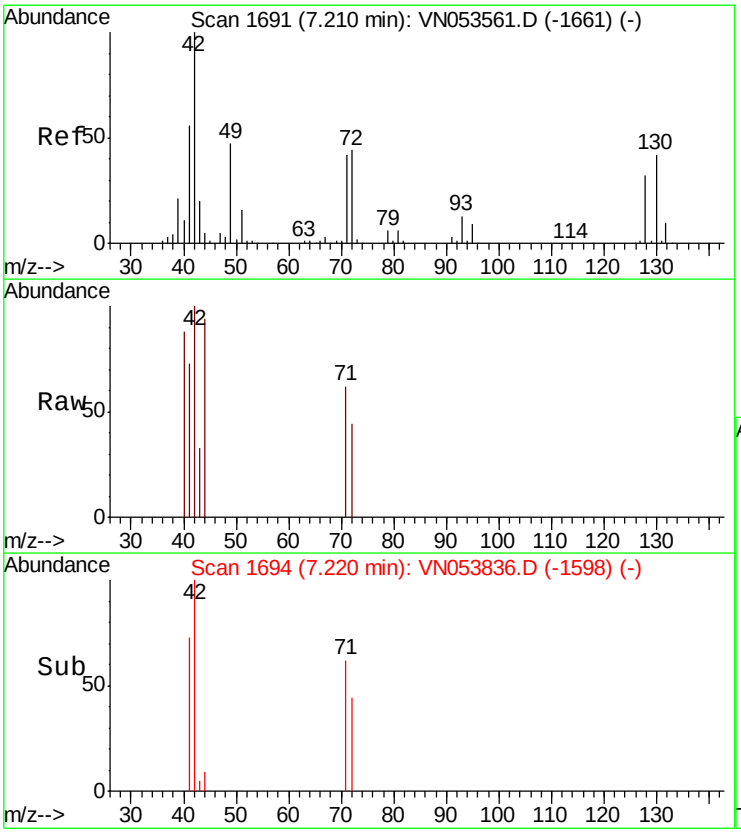
#25
2-Butanone
Concen: 1.613 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 43 Resp: 4147

Ion	Ratio	Lower	Upper
43	100		
72	20.4	22.0	33.0#

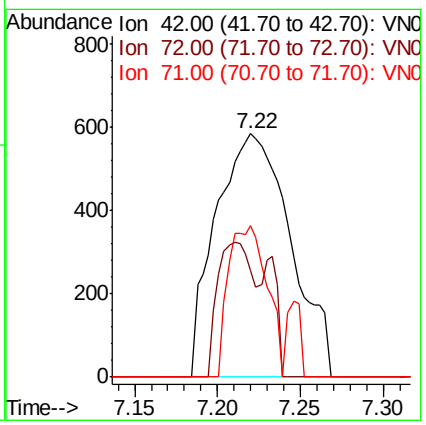


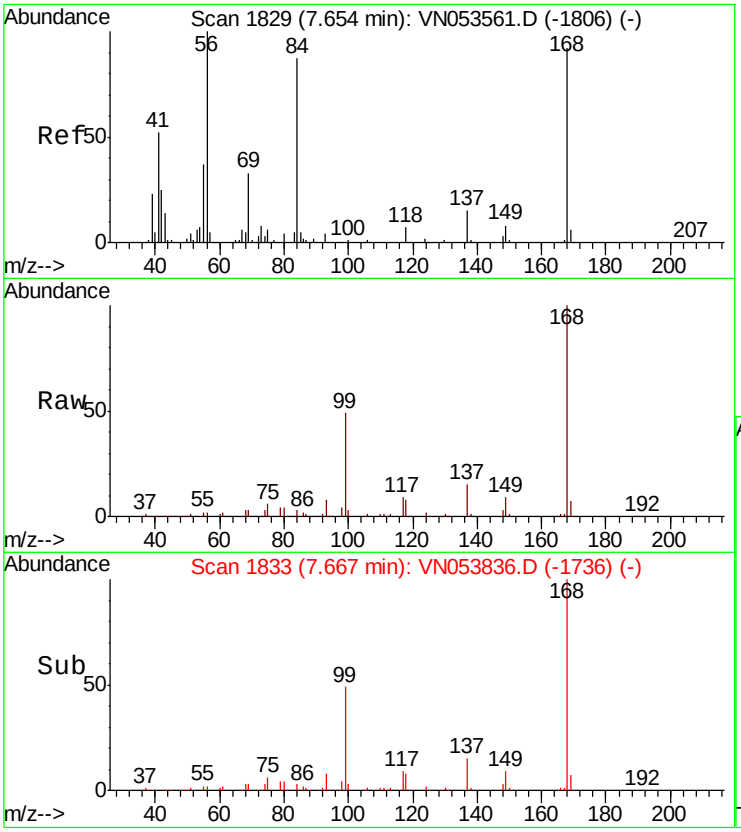


#29
Tetrahydrofuran
Concen: 1.109 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 42 Resp: 1831

Ion	Ratio	Lower	Upper
42	100		
72	25.7	35.2	52.8#
71	31.8	33.0	49.4#



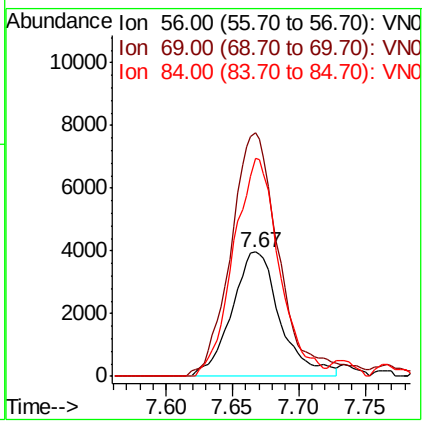


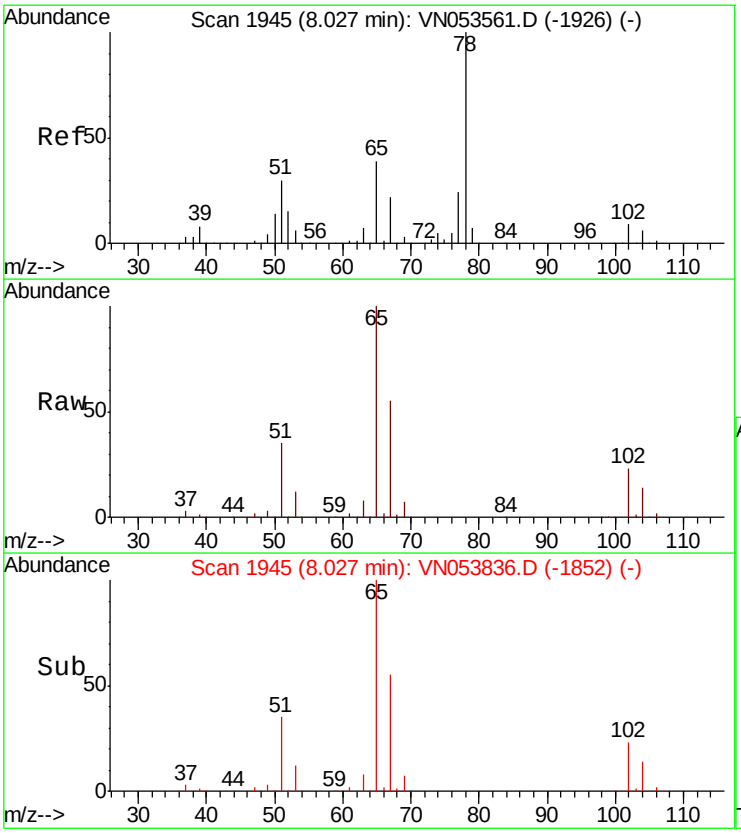
#31
Cyclohexane
Concen: 0.679 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 56 Resp: 10056

Ion	Ratio	Lower	Upper
56	100		
69	196.0	26.4	39.6#
84	175.2	67.9	101.9#

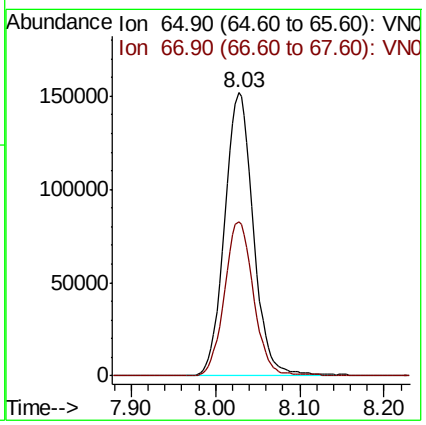


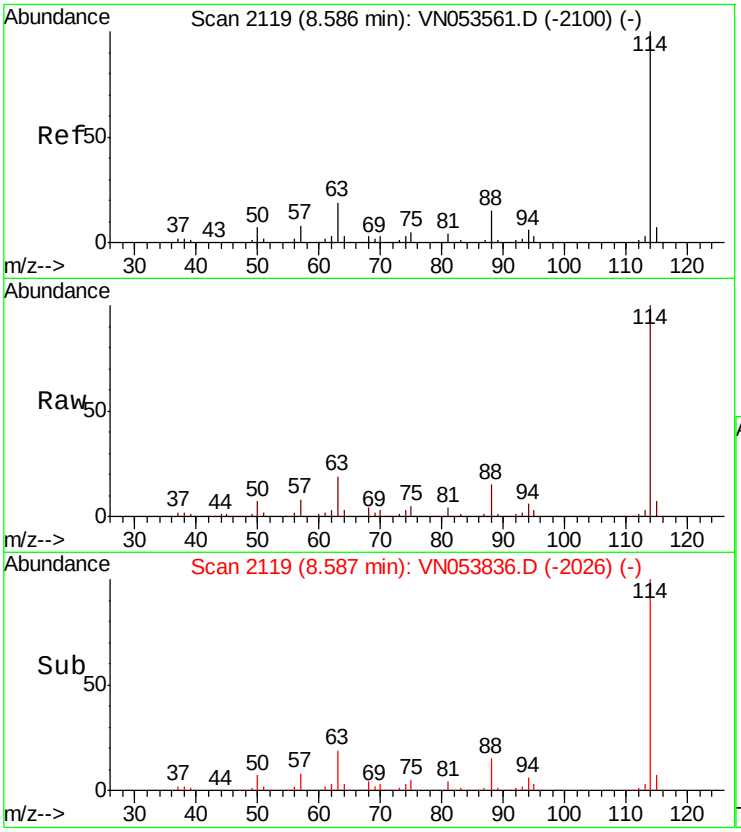


#33
1,2-Dichloroethane-d4
Concen: 51.180 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 65 Resp: 359725

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2



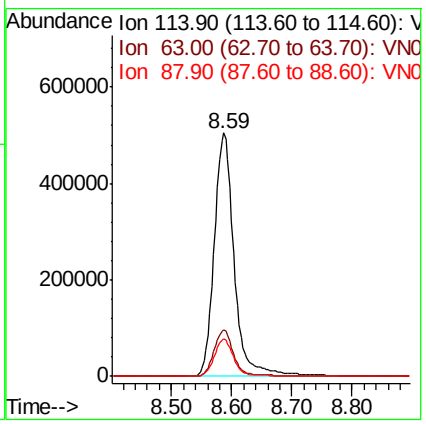


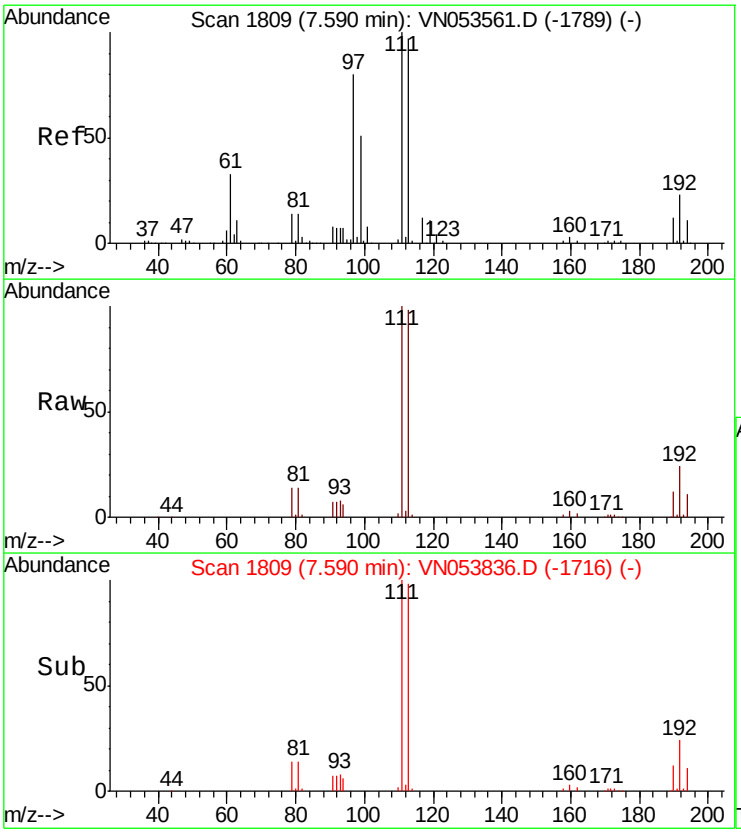
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion:114 Resp: 1141406

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.2	0.0	30.4

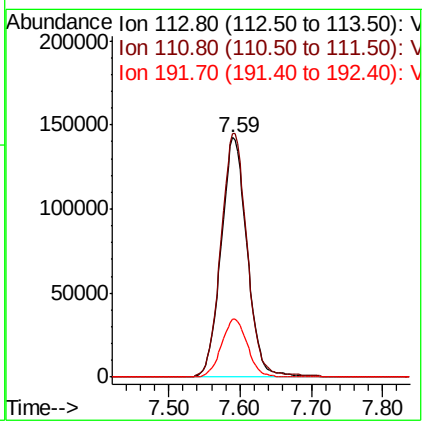


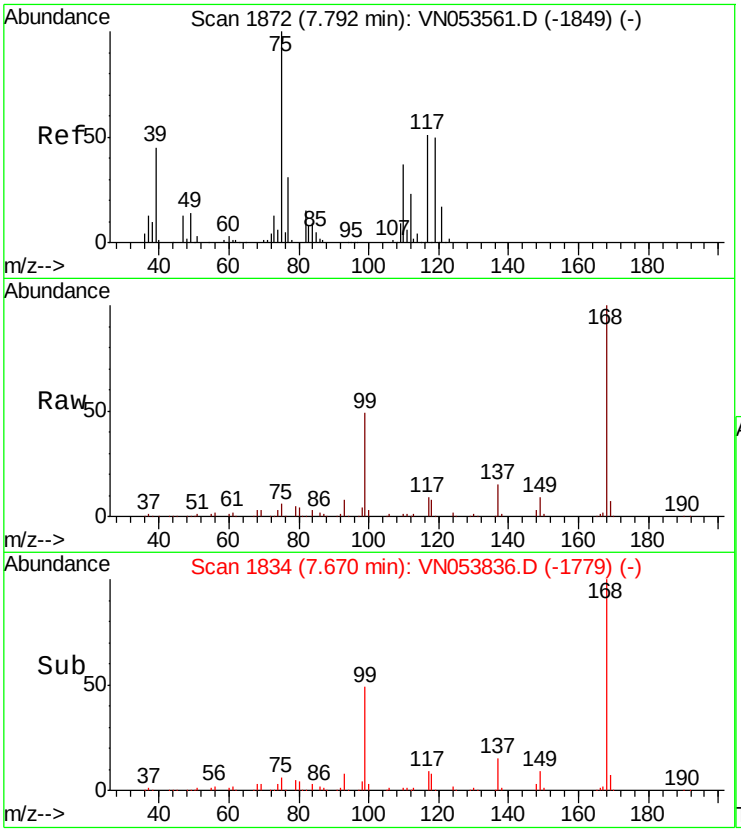


#35
Dibromofluoromethane
Concen: 50.052 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:113 Resp: 360988

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	24.1	18.2	27.2



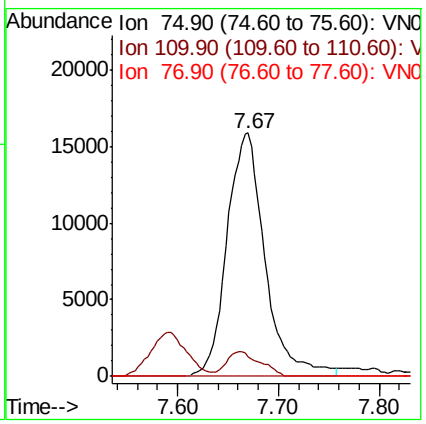


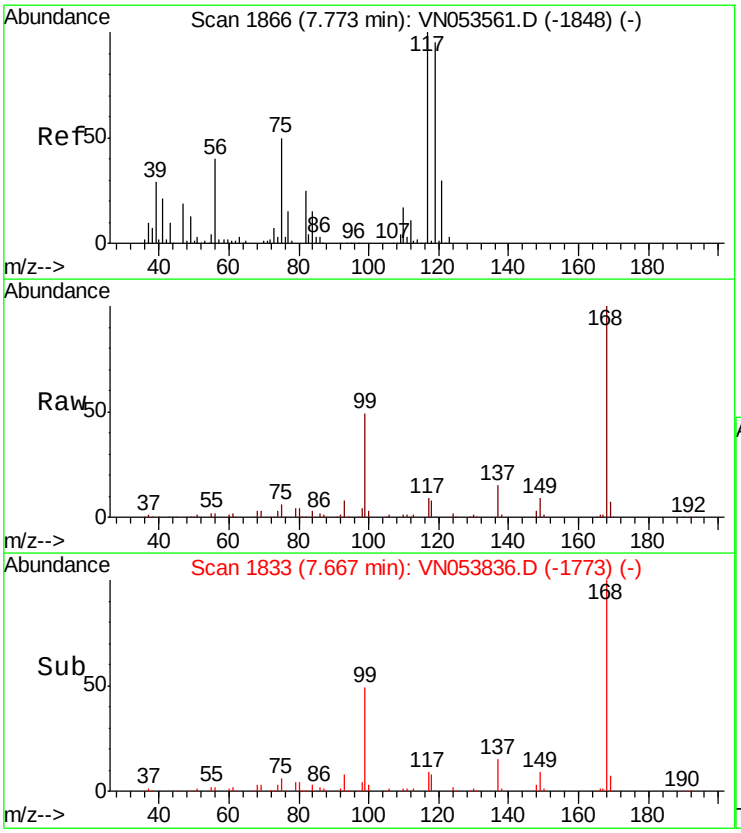
#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB117159TB

Tgt Ion: 75 Resp: 41599

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#

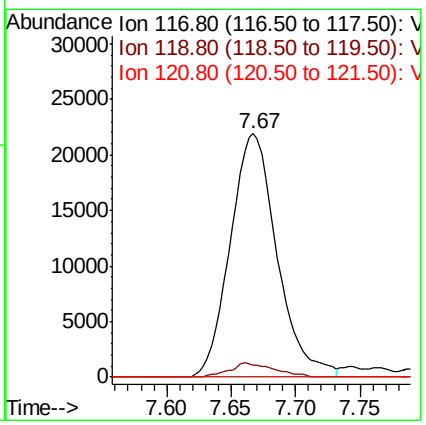


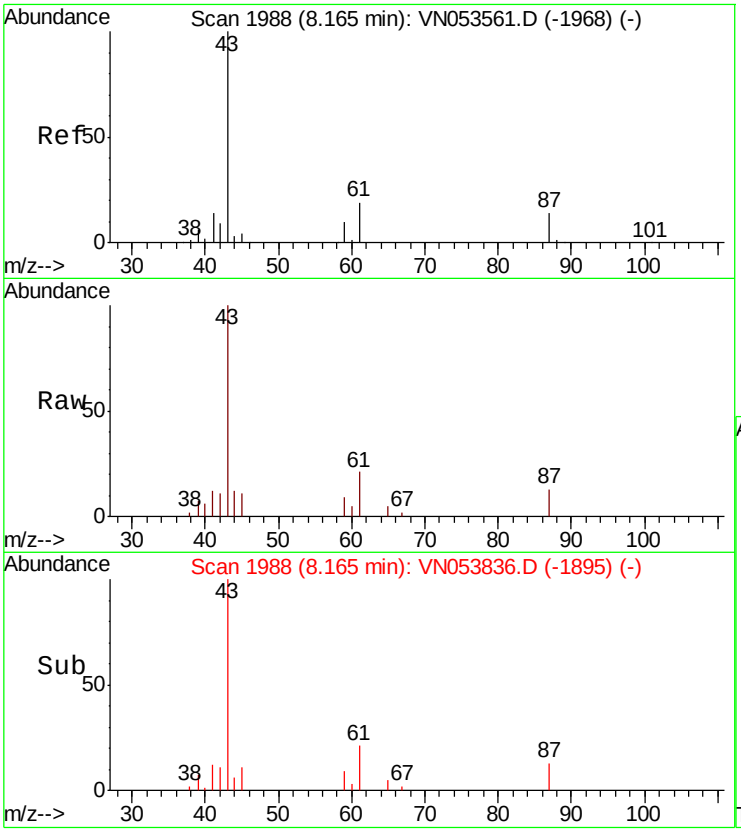


#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:117 Resp: 55353

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	24.6	37.0#



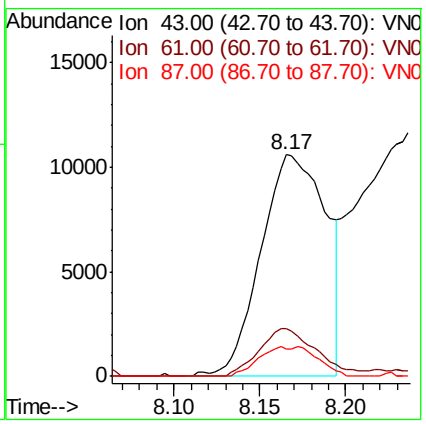


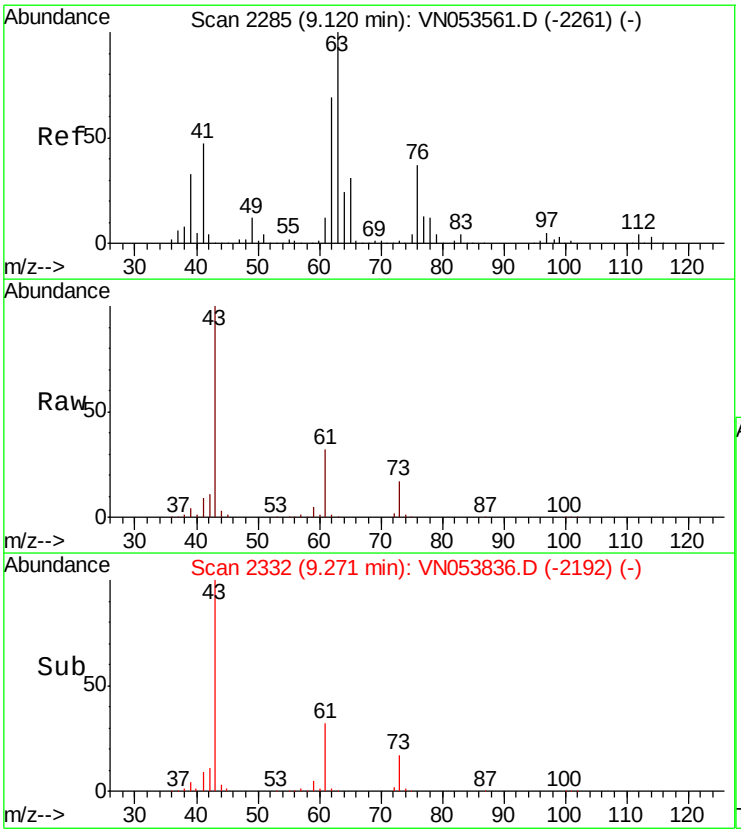
#43
Isopropyl Acetate
Concen: 2.506 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 43 Resp: 27809

Ion	Ratio	Lower	Upper
43	100		
61	18.8	23.9	35.9#
87	7.0	11.0	16.6#

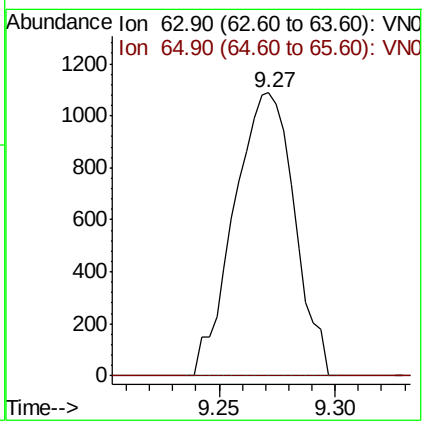


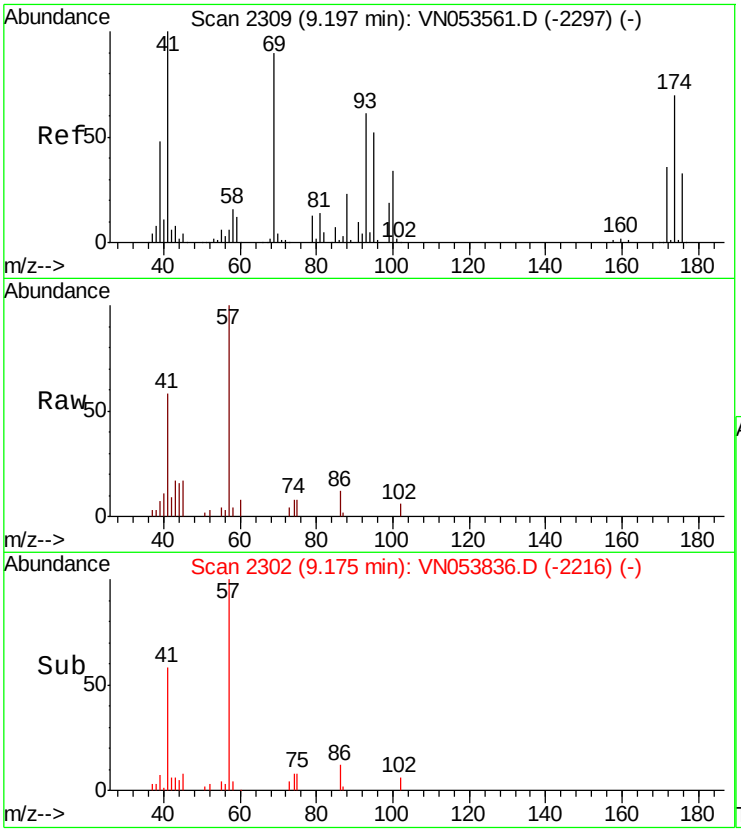


#45
1,2-Dichloropropane
Concen: 0.243 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 63 Resp: 1968

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



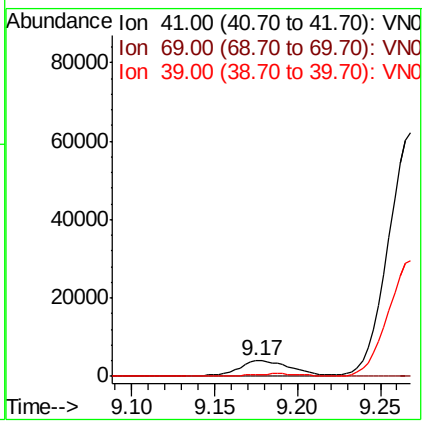


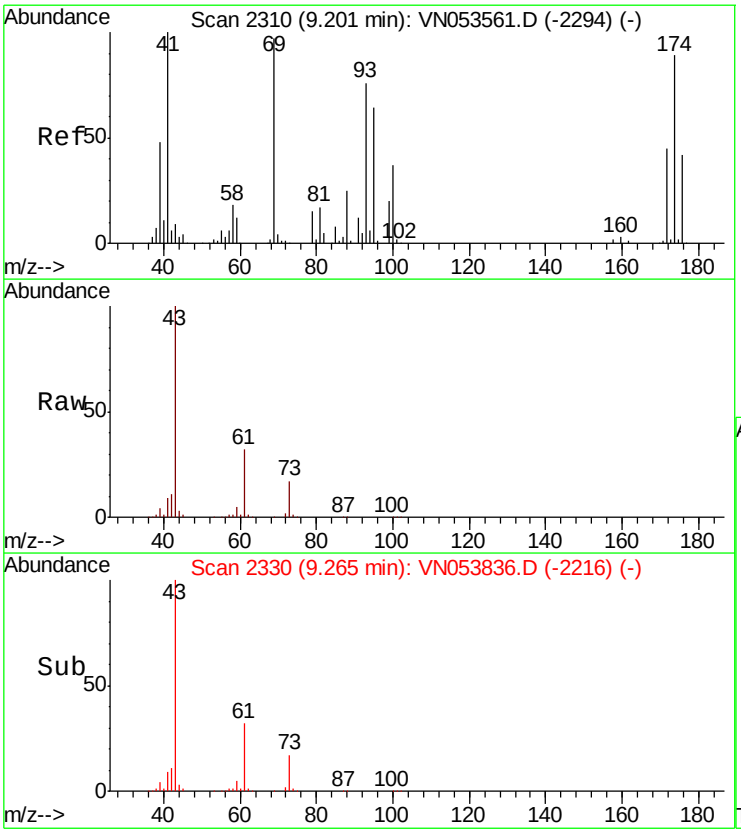
#48
Methyl methacrylate
Concen: 1.693 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 41 Resp: 8967

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	0.0	40.0	60.0#

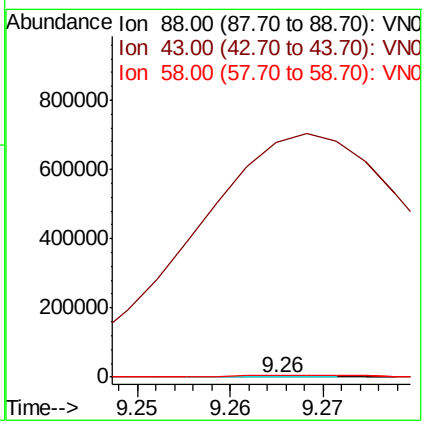


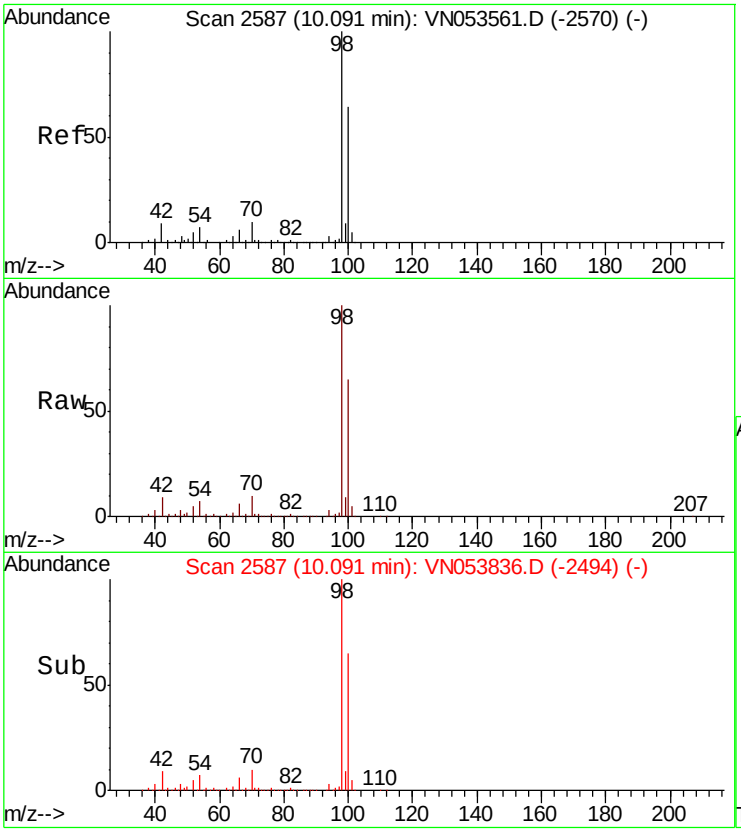


#49
1,4-Dioxane
Concen: 39.937 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	2151519.4	27.8	41.6#
58	11073.1	56.5	84.7#



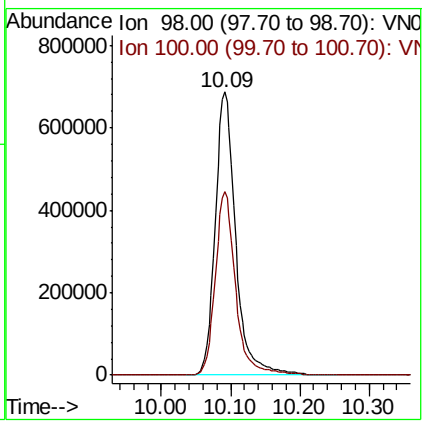


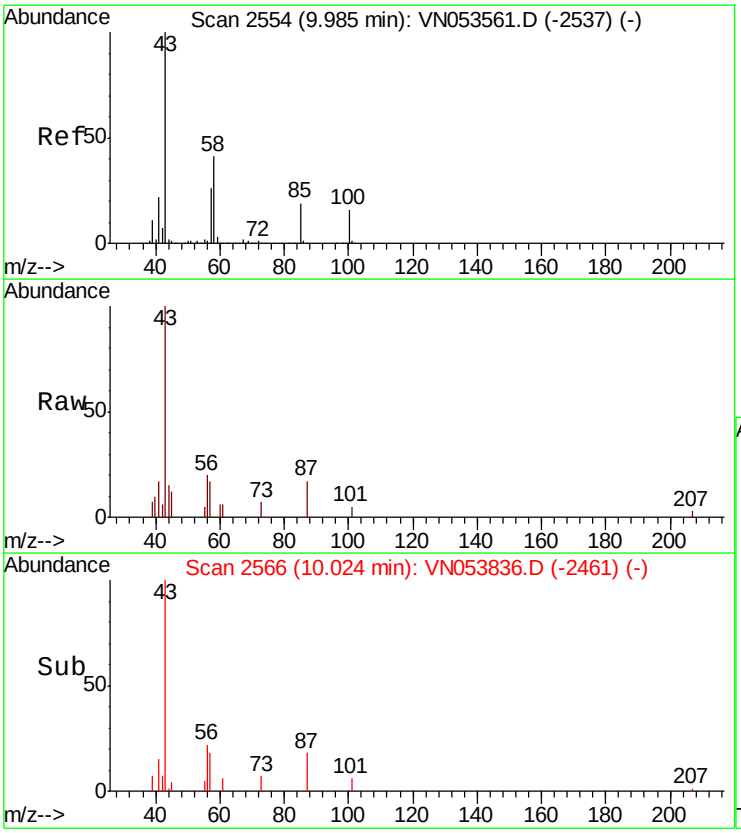
#50
Toluene-d8
Concen: 51.988 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 98 Resp: 1407856

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

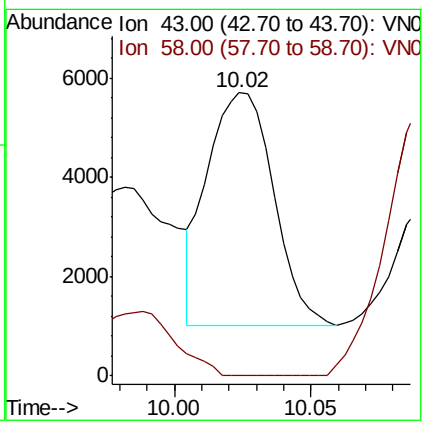


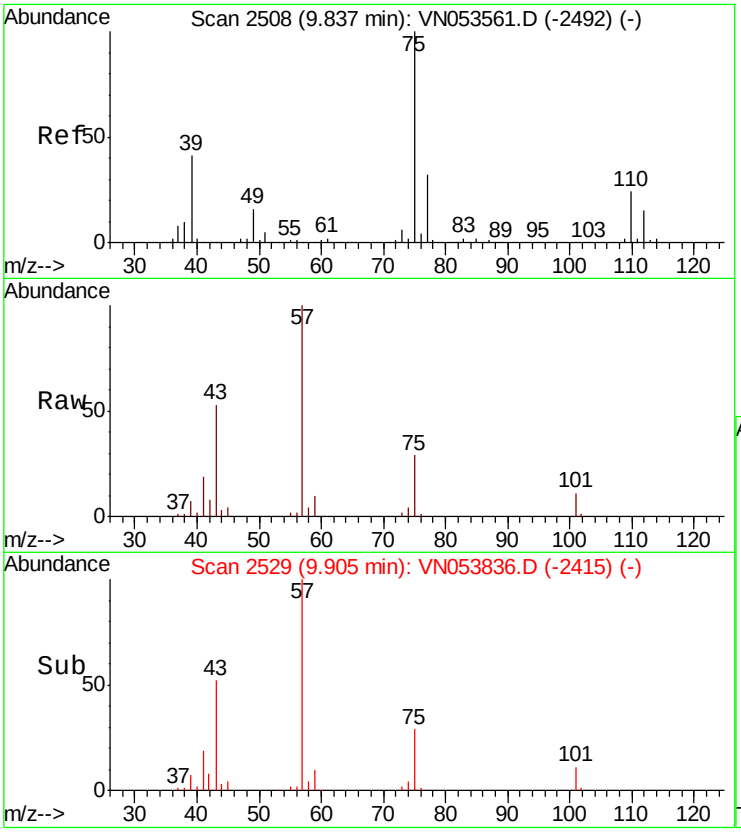


#51
4-Methyl-2-Pentanone
Concen: 1.448 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 43 Resp: 7894

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



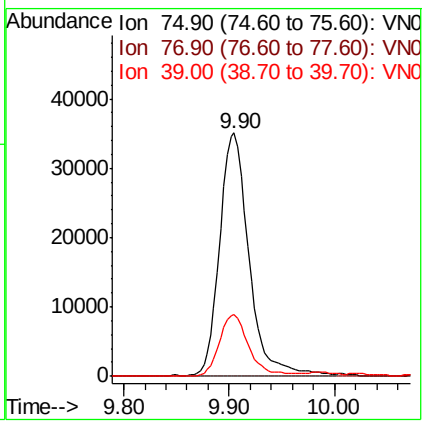


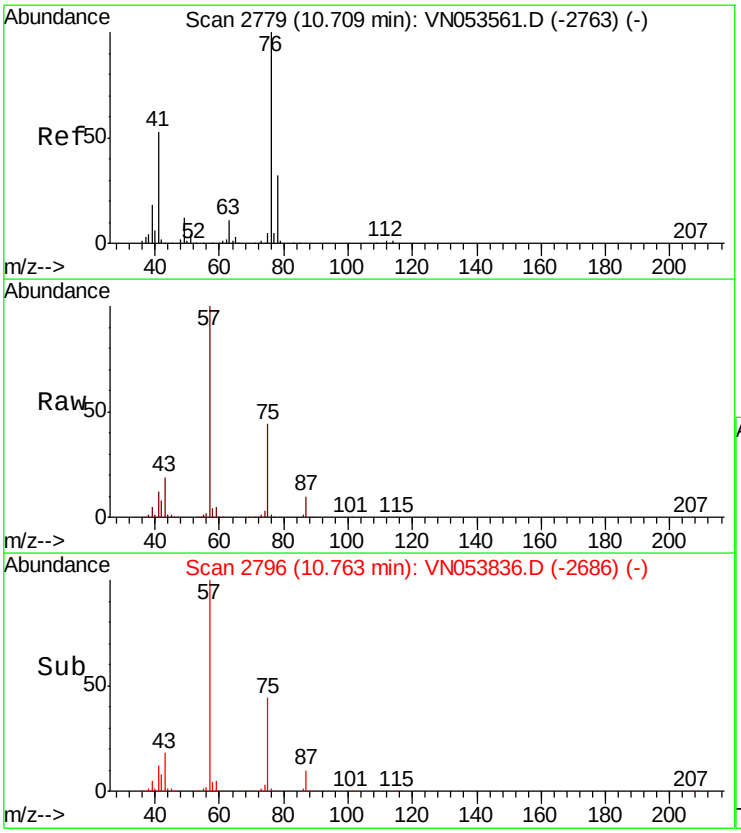
#54
cis-1,3-Dichloropropene
Concen: 5.657 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 75 Resp: 68273

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	25.2	33.4	50.0#

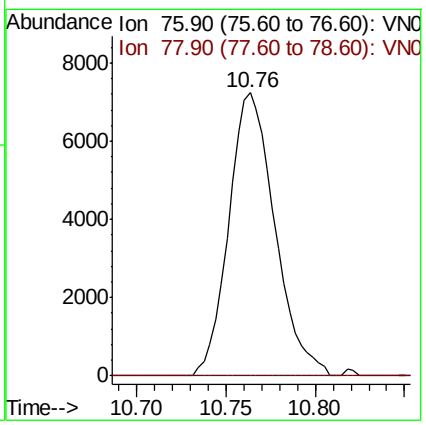


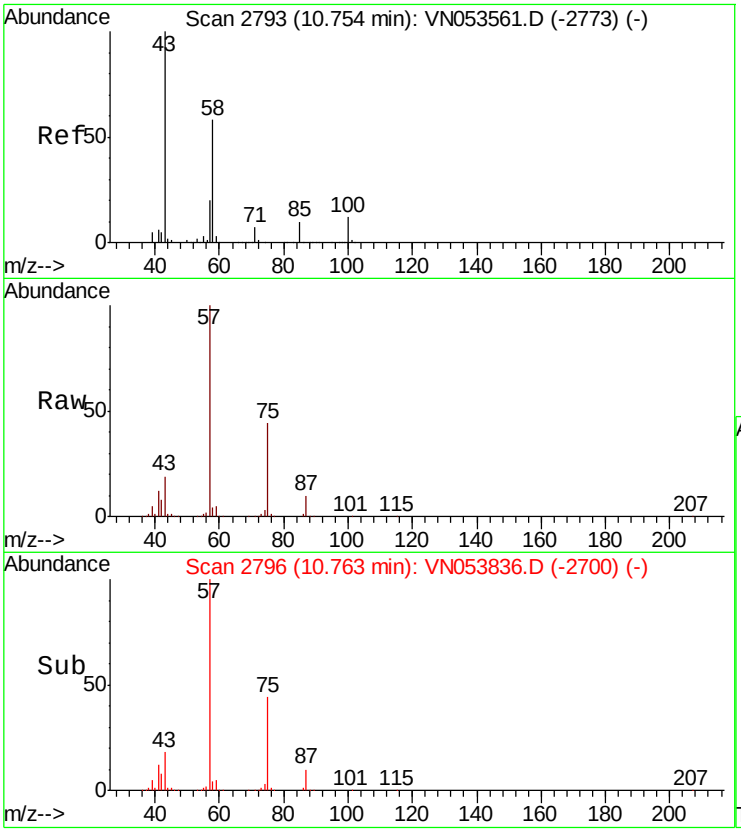


#57
1,3-Dichloropropane
Concen: 1.122 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 76 Resp: 13010

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



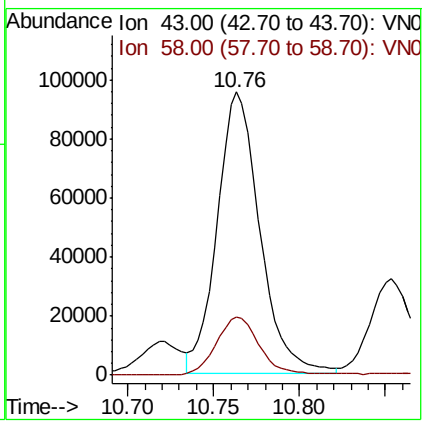


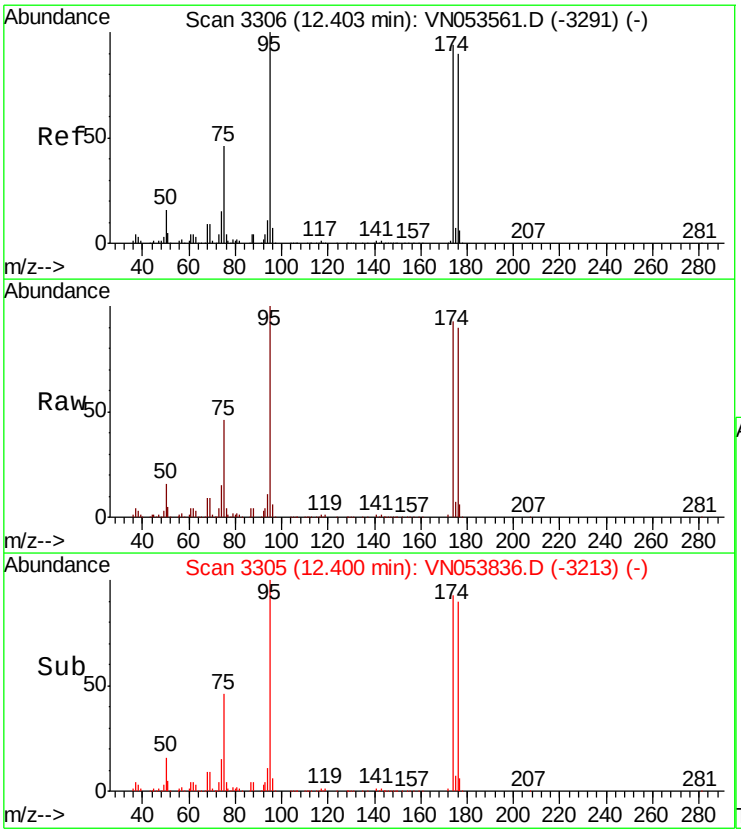
#59
2-Hexanone
Concen: 44.765 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 43 Resp: 165729

Ion	Ratio	Lower	Upper
43	100		
58	21.1	28.6	85.8#

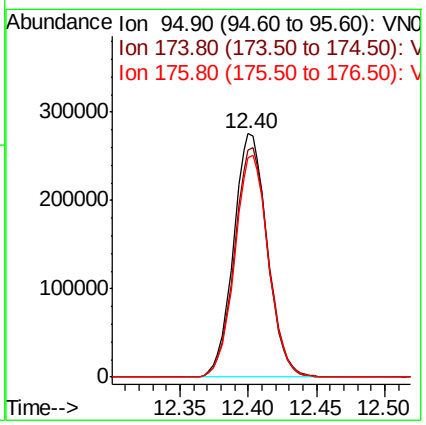


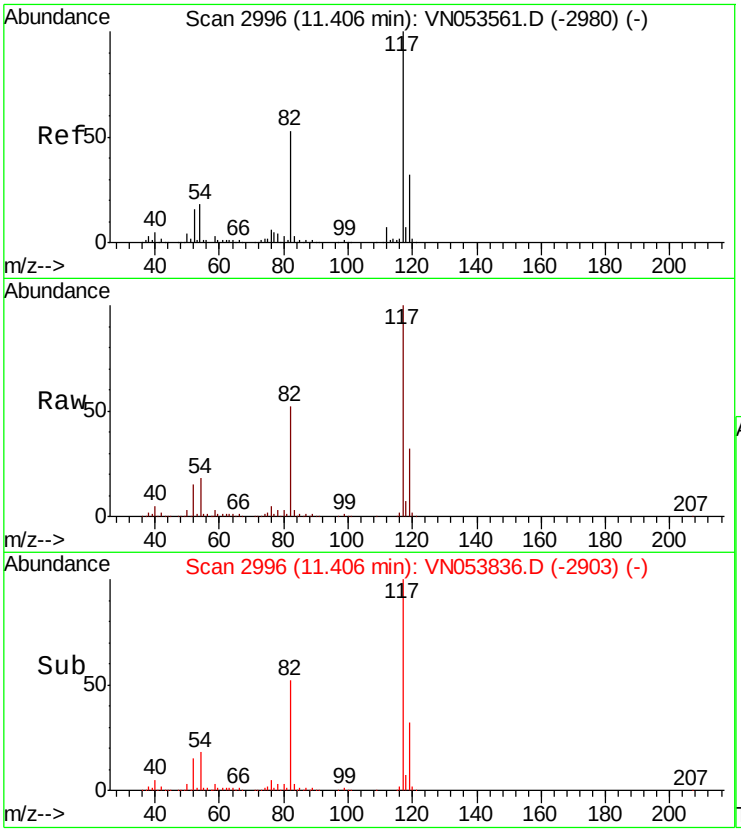


#62
4-Bromofluorobenzene
Concen: 52.058 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion: 95 Resp: 470175

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	183.2
176	91.2	0.0	177.4



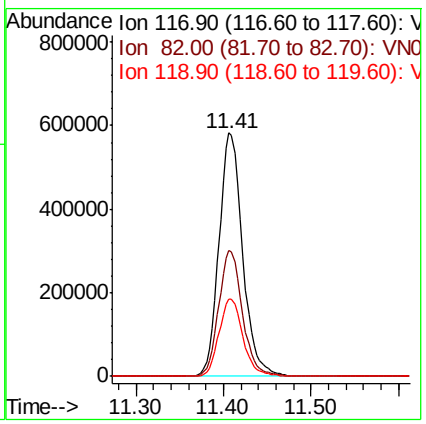


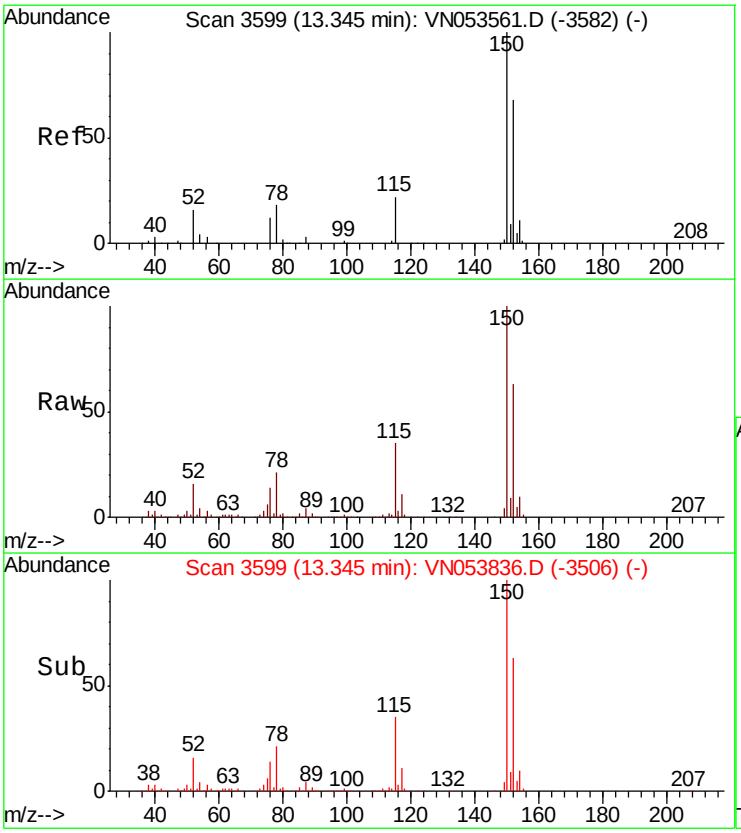
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion:117 Resp: 1091197

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.9	64.3
119	31.8	26.0	39.0

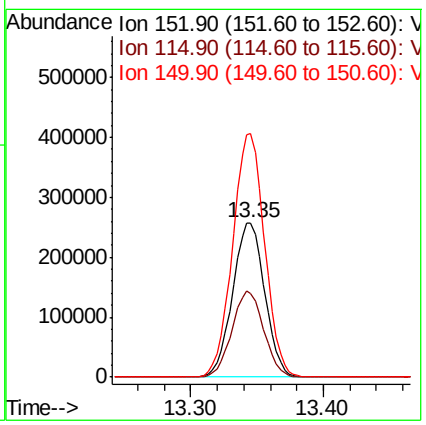


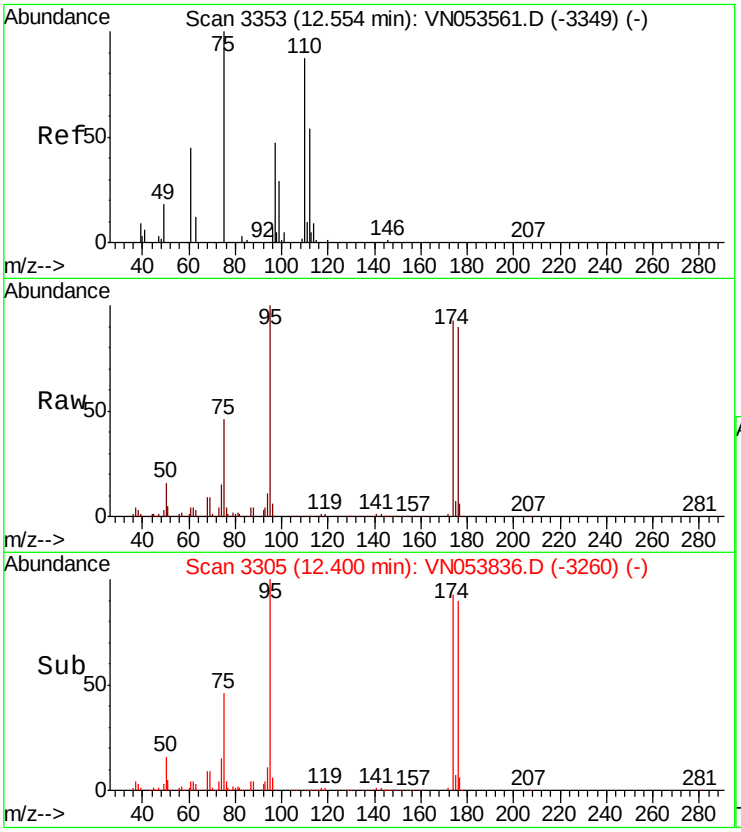


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:152 Resp: 432472

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	157.0	0.0	349.0



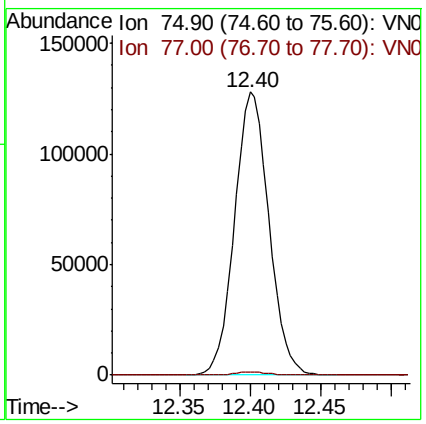


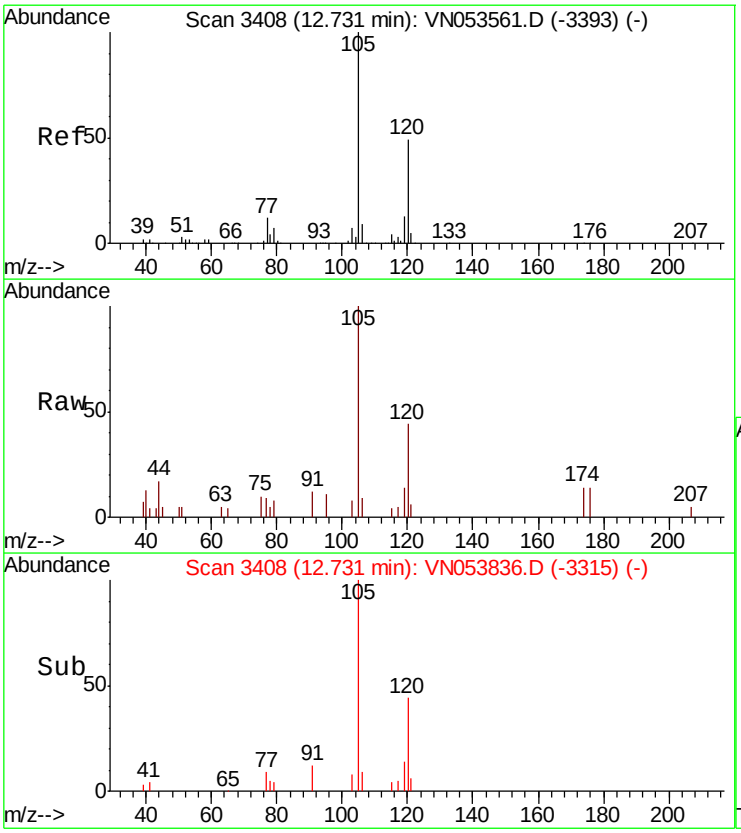
#76
1,2,3-Trichloropropane
Concen: 39.342 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB117159TB

Tgt Ion: 75 Resp: 218541

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

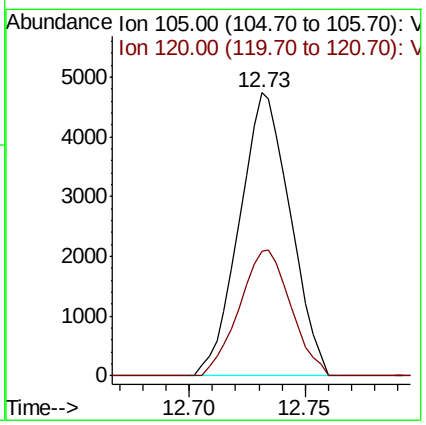


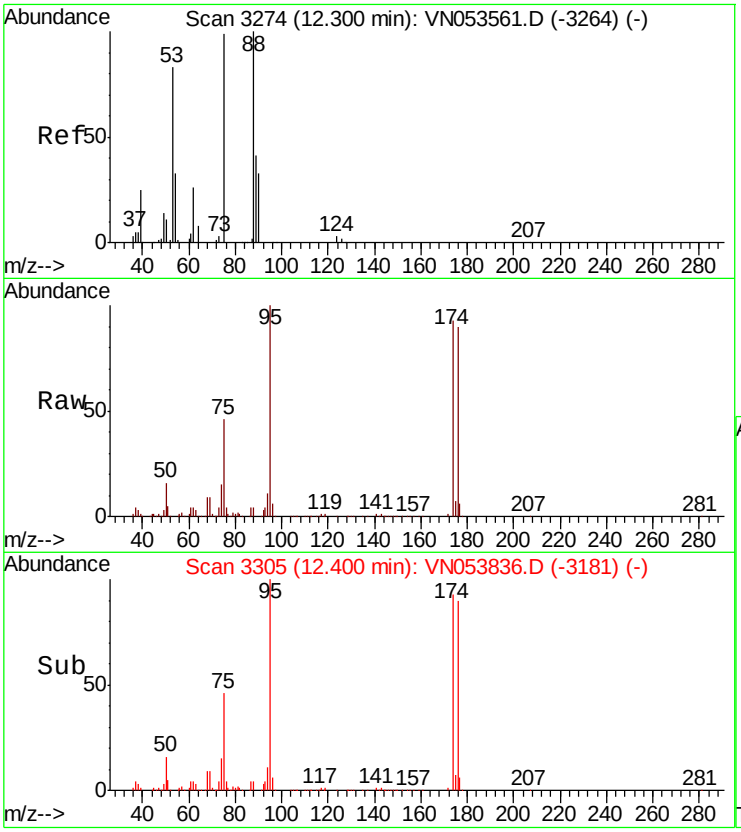


#80
1,3,5-Trimethylbenzene
Concen: 0.287 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:105 Resp: 7243

Ion	Ratio	Lower	Upper
105	100		
120	44.8	24.9	74.6



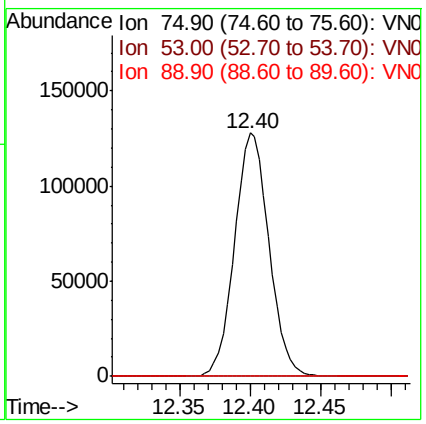


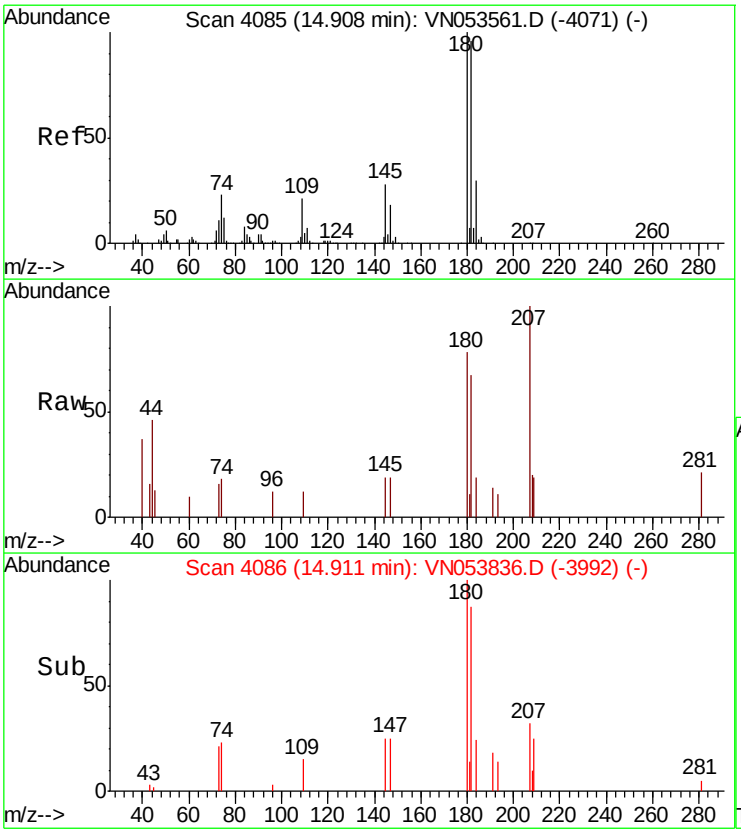
#81
trans-1,4-Dichloro-2-butene
Concen: 110.628 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB117159TB

Tgt Ion: 75 Resp: 218541

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#

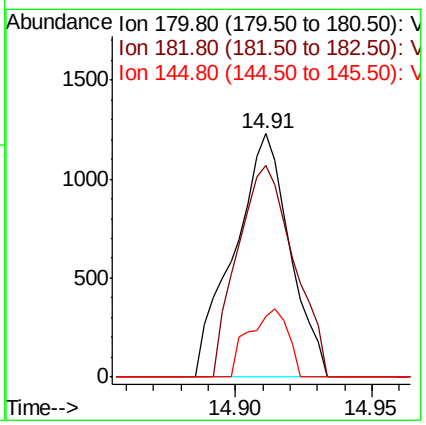


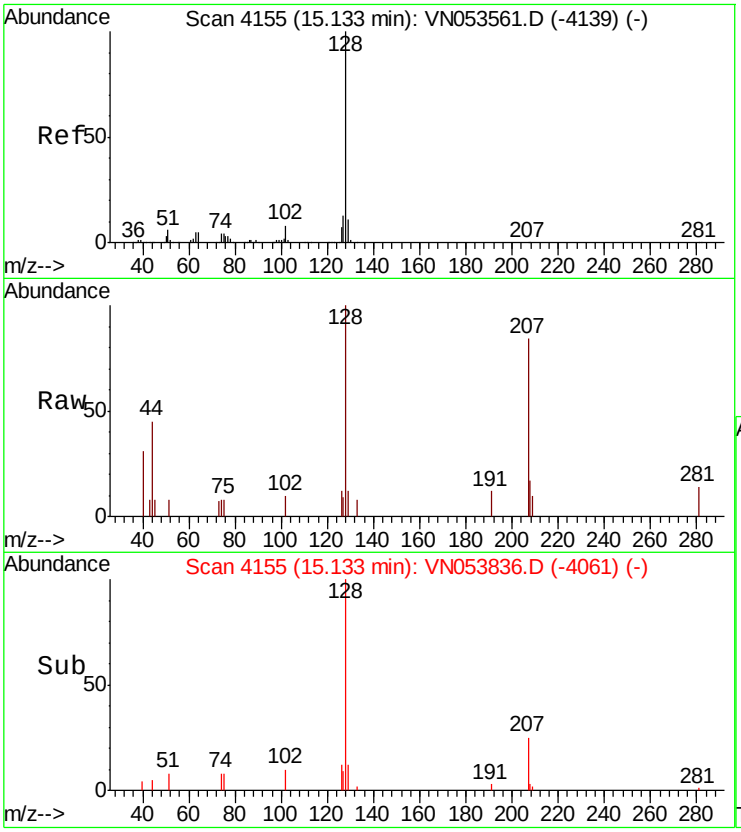


#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:180 Resp: 1735

Ion	Ratio	Lower	Upper
180	100		
182	87.9	48.1	144.3
145	19.5	13.9	41.6



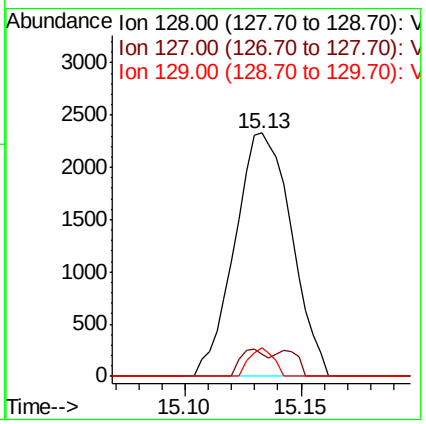


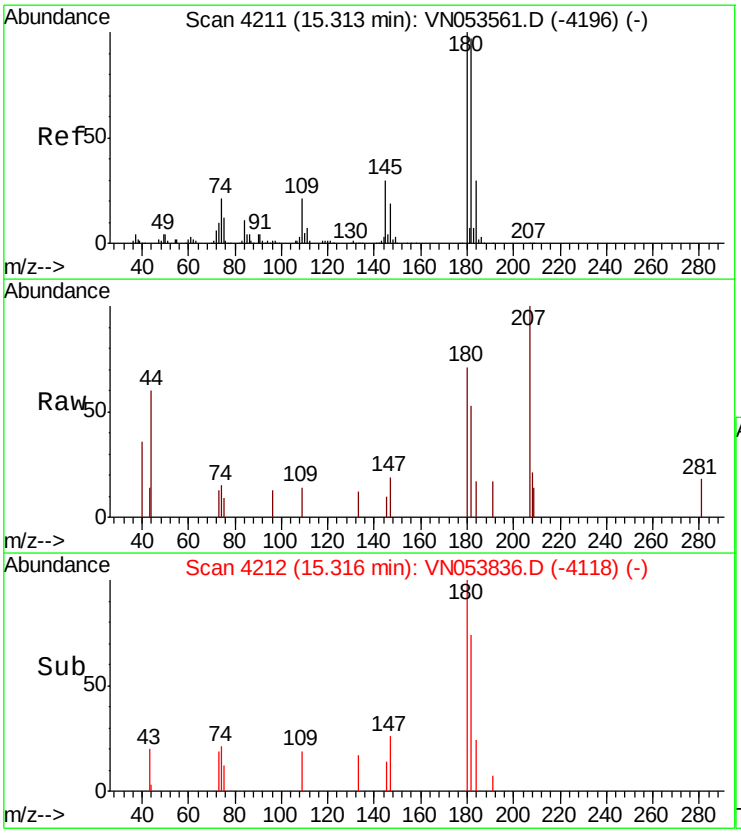
#95
Naphthalene
Concen: 1.937 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB117159TB

Tgt Ion:128 Resp: 3958

Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.3	15.5#
129	5.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.246 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053836.D
Acq: 18 Feb 2019 12:07

Tgt Ion:180 Resp: 1845

Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.9	143.8
145	8.3	14.7	44.1#