Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053845.D
Acq On : 18 Feb 2019 16:08
Operator : JC/SP
Sample : PB117159ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Quant Time: Feb 19 03:02:19 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	670243	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1113038	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1133186	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	419201	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	353451	52.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.14%				
35) Dibromofluoromethane	7.59	113	352210	50.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.16%				
50) Toluene-d8	10.09	98	1355034	51.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.62%				
62) 4-Bromofluorobenzene	12.40	95	469569	53.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.64%				
Target Compounds							Qvalue
16) Acetone	3.82	43	17929	10.396	ug/l		97
18) Methyl Acetate	4.33	43	2751	0.539	ug/l	#	87
20) Methylene Chloride	4.56	84	20794	2.874	ug/l		98
25) 2-Butanone	6.84	43	3626	1.474	ug/l		93
29) Tetrahydrofuran	7.21	42	594	0.376	ug/l	#	52
31) Cyclohexane	7.67	56	9165	0.639	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	40796	4.066	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	51854	5.130	ug/l	#	16
43) Isopropyl Acetate	8.31	43	296140	27.365	ug/l	#	52
45) 1,2-Dichloropropane	9.27	63	1765	0.223	ug/l	#	43
48) Methyl methacrylate	9.18	41	9397	1.819	ug/l	#	12
49) 1,4-Dioxane	9.27	88	33	39.522	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	9661	1.817	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	66118	5.618	ug/l	#	64
57) 1,3-Dichloropropane	10.76	76	13598	1.202	ug/l	#	43
59) 2-Hexanone	10.76	43	172449	47.768	ug/l	#	50
71) Bromoform	12.40	173	3415	0.593	ug/l	#	1
74) N-amyl acetate	11.88	43	19026	2.685	ug/l	#	50
76) 1,2,3-Trichloropropane	12.40	75	215695	40.059	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	6204	0.254	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	215695	112.644	ug/l	#	15

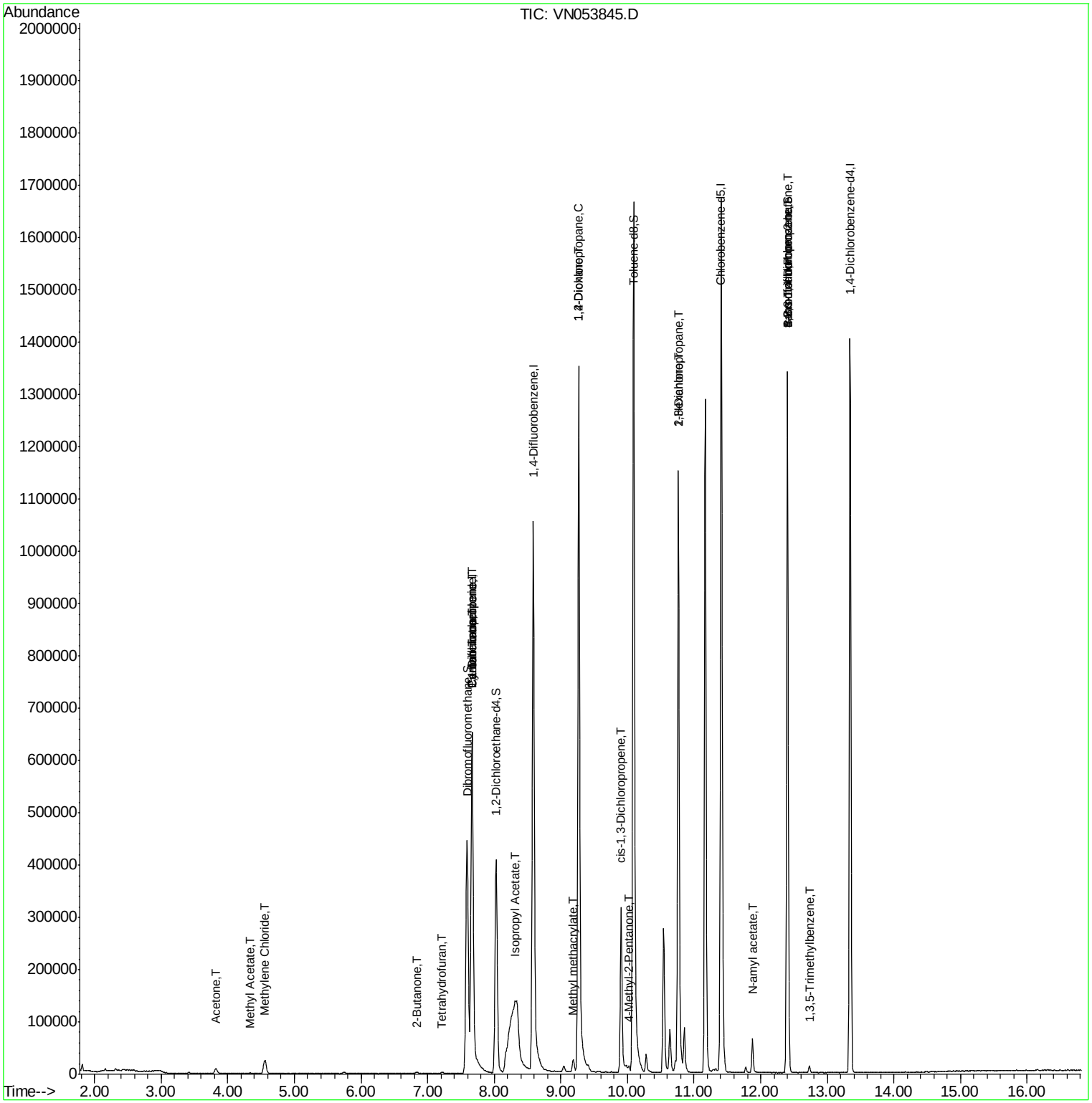
(#) = qualifier out of range (m) = manual integration (+) = signals summed

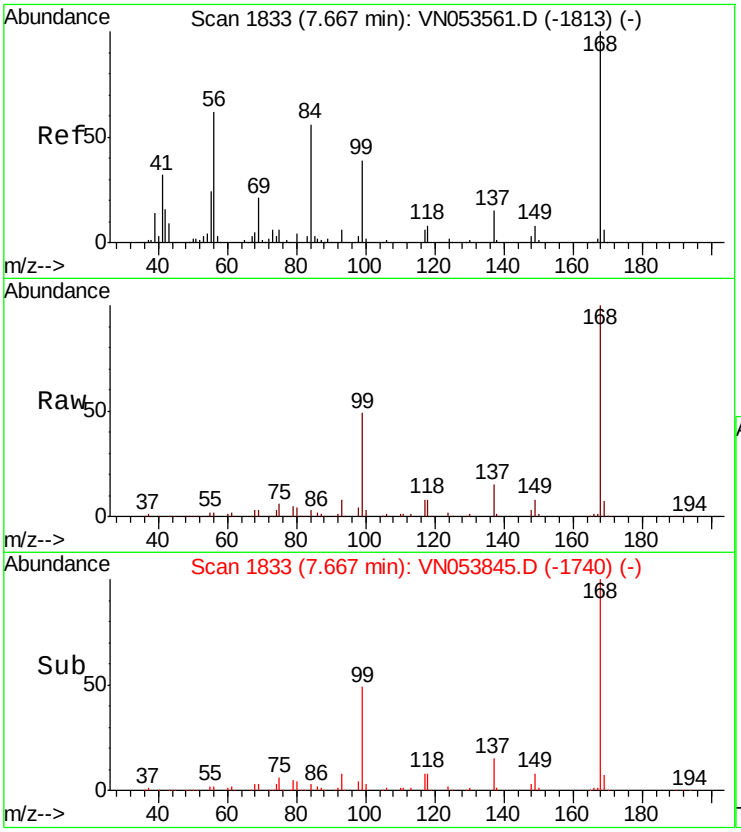
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021819\
Data File : VN053845.D
Acq On : 18 Feb 2019 16:08
Operator : JC/SP
Sample : PB117159ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Quant Time: Feb 19 03:02:19 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



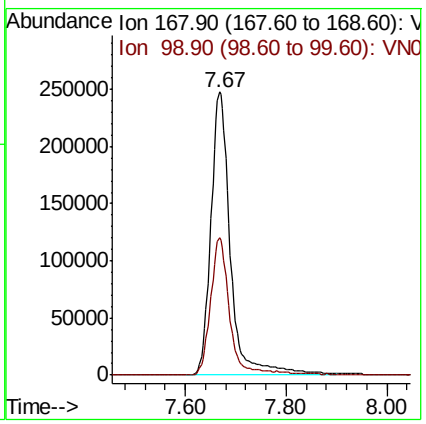


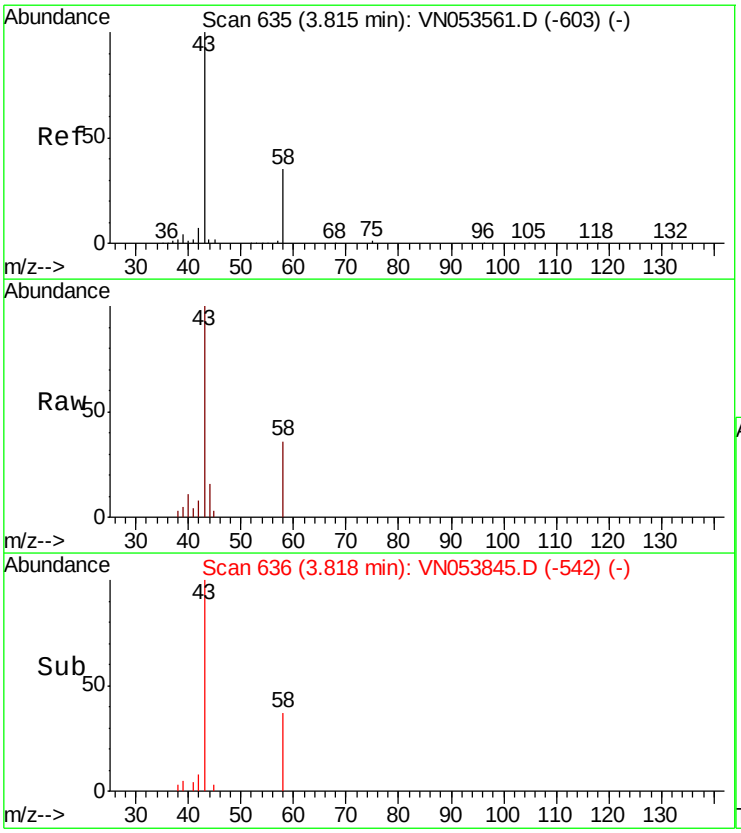
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Tgt Ion:168 Resp: 670243

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.1	58.7

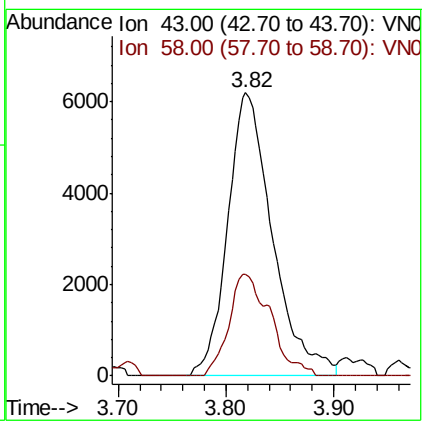


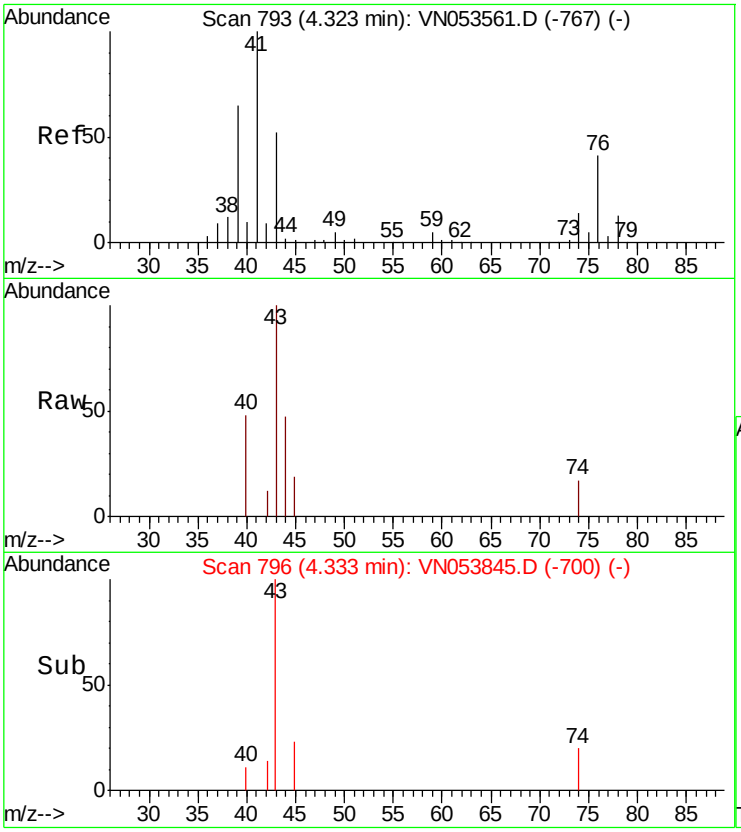


#16
Acetone
Concen: 10.396 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 43 Resp: 17929

Ion	Ratio	Lower	Upper
43	100		
58	35.7	27.1	40.7



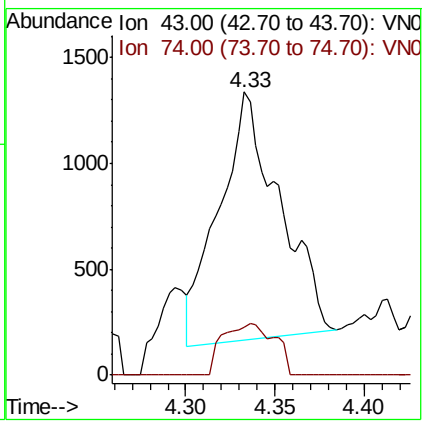


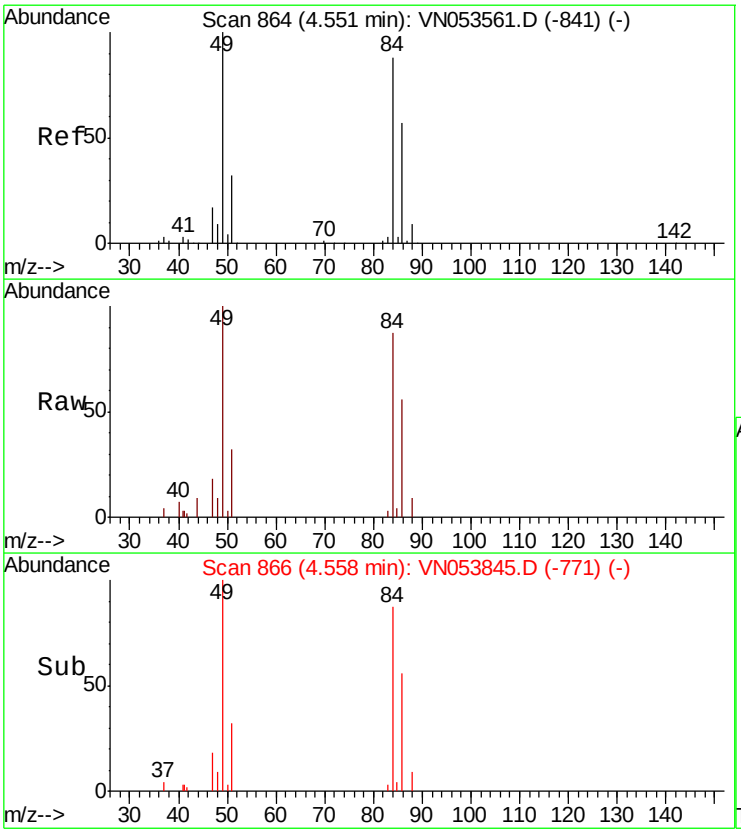
#18
Methyl Acetate
Concen: 0.539 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 43 Resp: 2751

Ion	Ratio	Lower	Upper
43	100		
74	18.0	19.4	29.2#

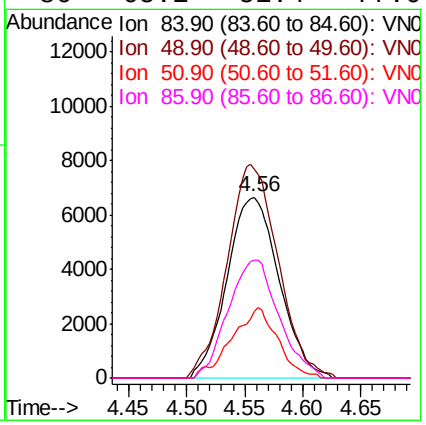


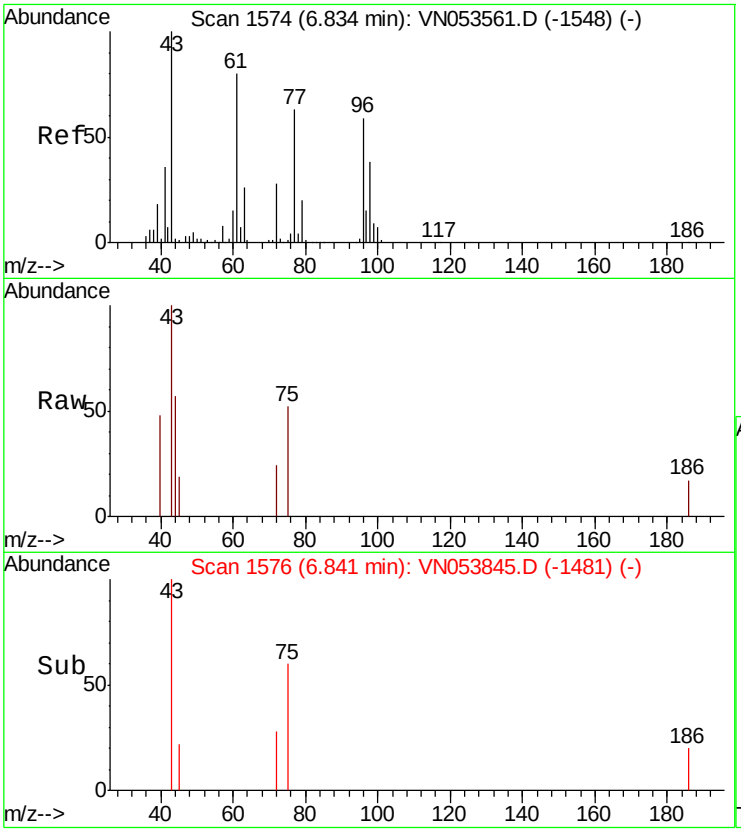


#20
Methylene Chloride
Concen: 2.874 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 84 Resp: 20794

Ion	Ratio	Lower	Upper
84	100		
49	115.6	94.3	141.5
51	37.1	29.4	44.2
86	65.1	51.4	77.0



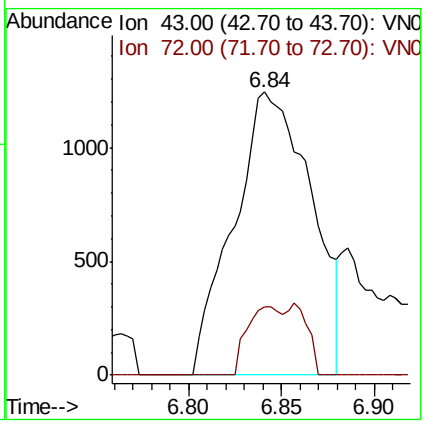


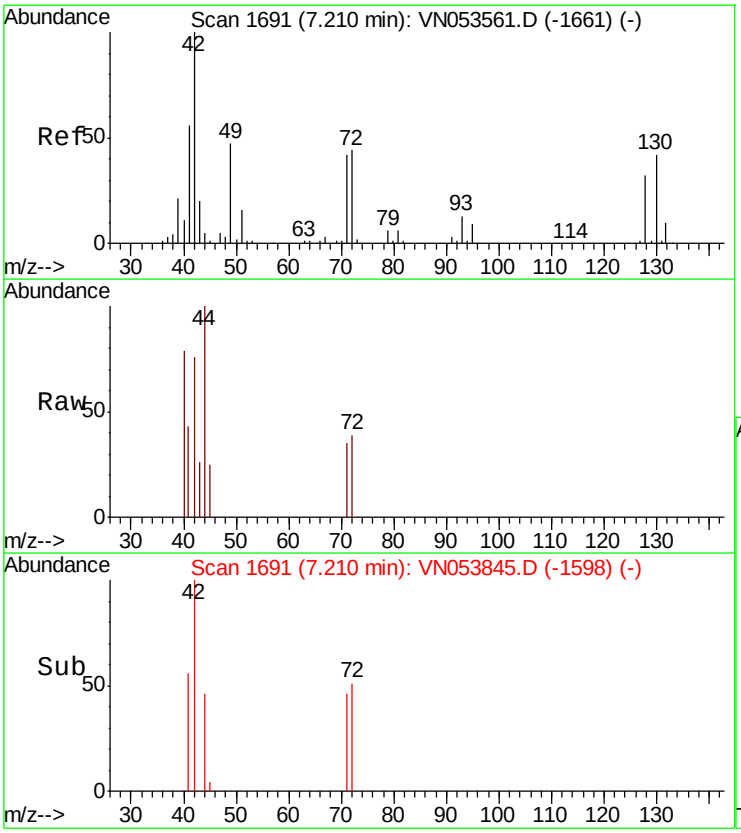
#25
2-Butanone
Concen: 1.474 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 43 Resp: 3626

Ion	Ratio	Lower	Upper
43	100		
72	24.0	22.0	33.0

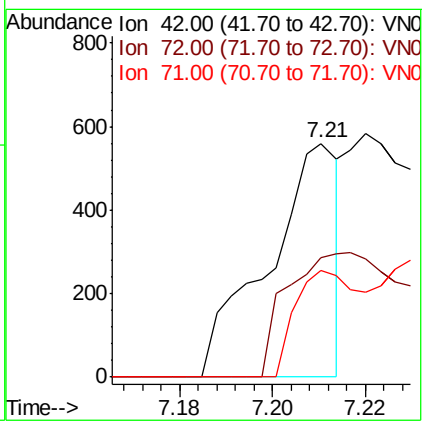


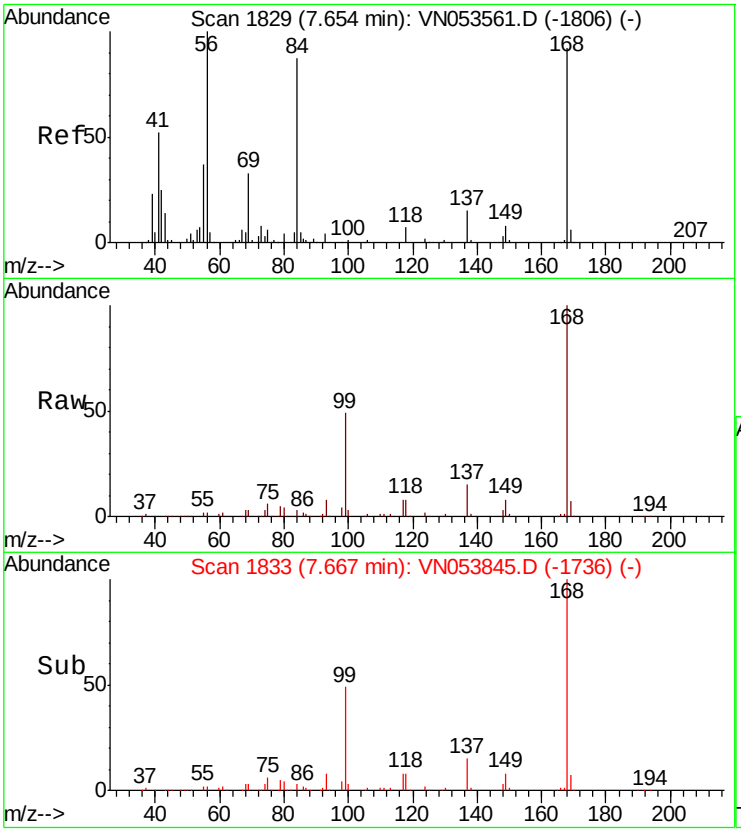


#29
Tetrahydrofuran
Concen: 0.376 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 42 Resp: 594

Ion	Ratio	Lower	Upper
42	100		
72	102.7	35.2	52.8#
71	42.3	33.0	49.4



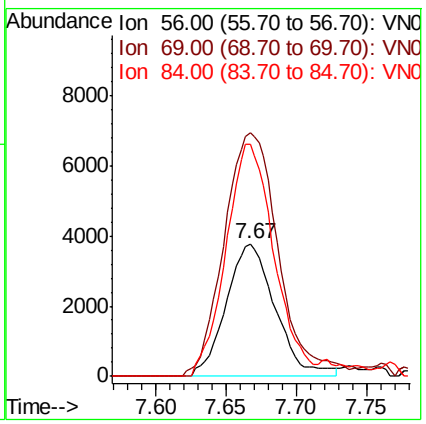


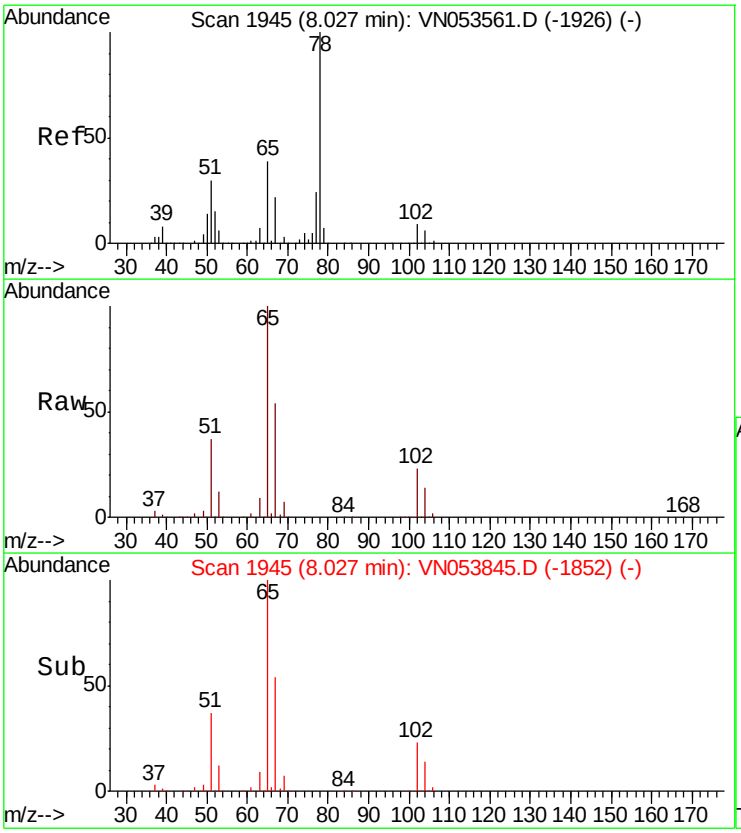
#31
Cyclohexane
Concen: 0.639 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 56 Resp: 9165

Ion	Ratio	Lower	Upper
56	100		
69	179.0	26.4	39.6#
84	175.1	67.9	101.9#

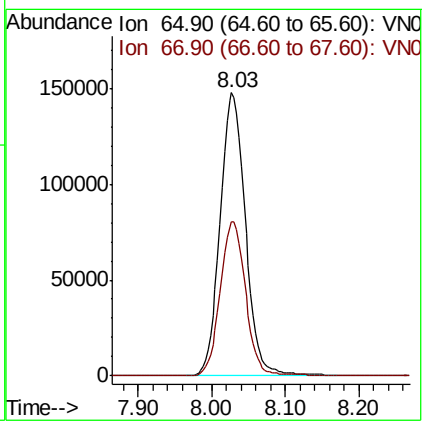


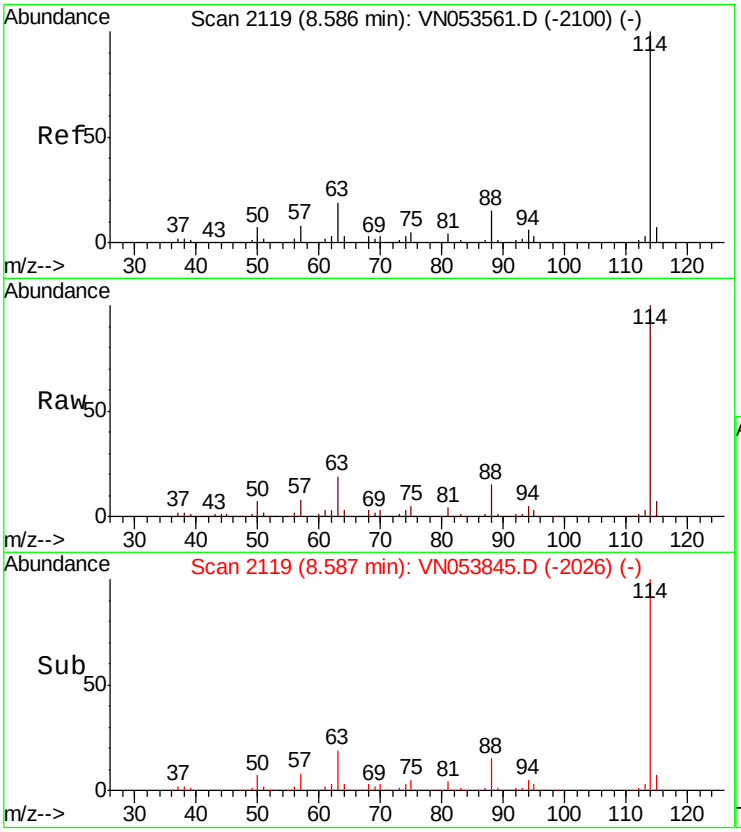


#33
1,2-Dichloroethane-d4
Concen: 52.567 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 65 Resp: 353451

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.2



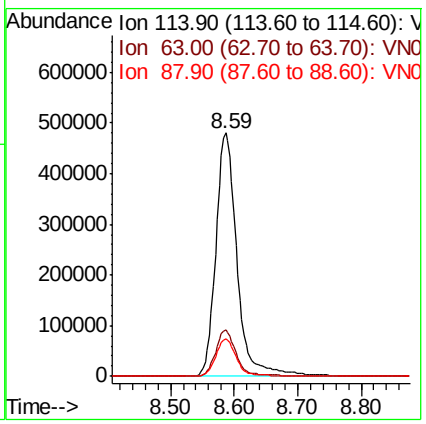


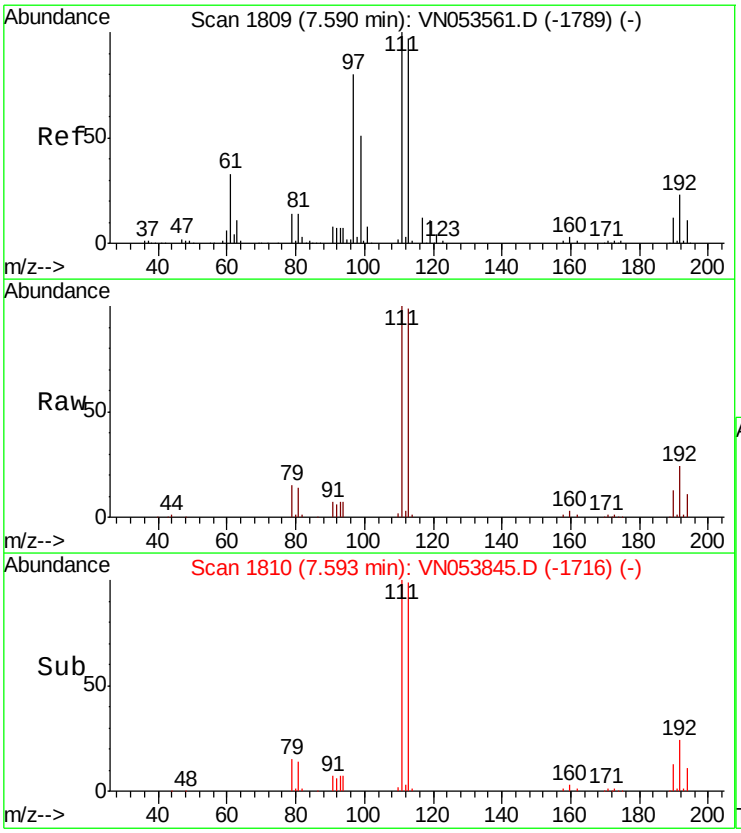
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Tgt Ion:114 Resp: 1113038

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.3	0.0	30.4

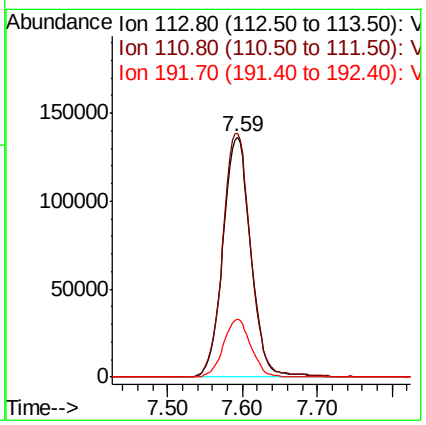


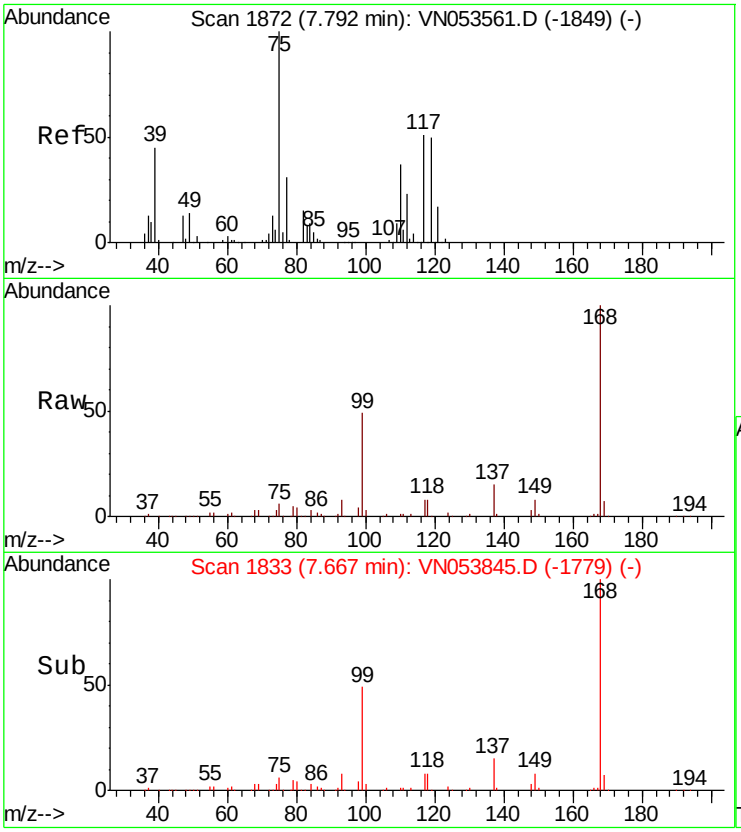


#35
Dibromofluoromethane
Concen: 50.080 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion:113 Resp: 352210

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	23.9	18.2	27.2



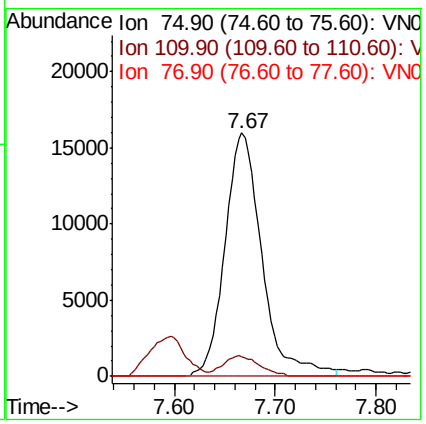


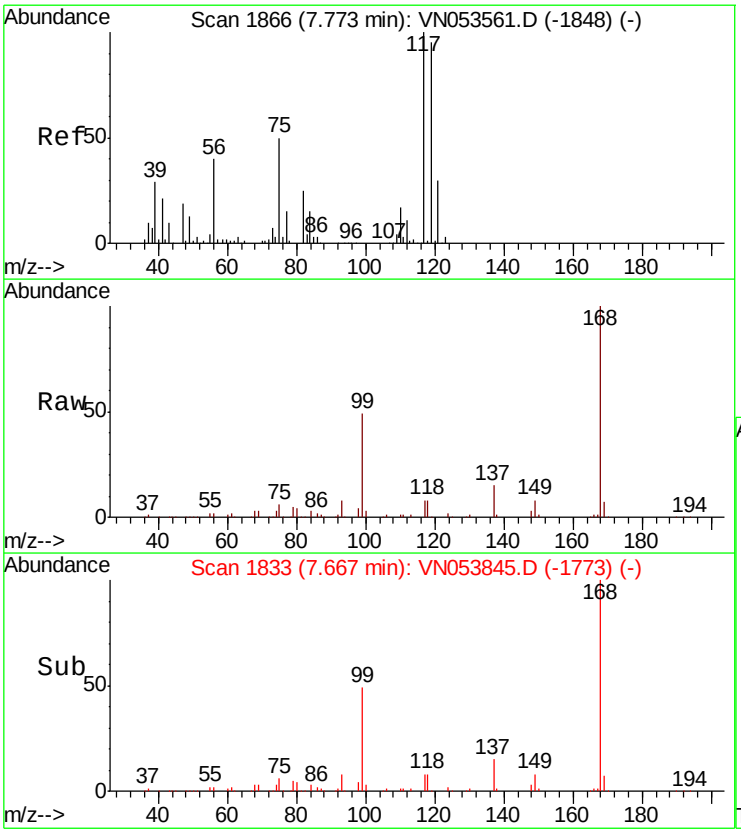
#36
1,1-Dichloropropene
Concen: 4.066 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 75 Resp: 40796

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.3#
77	0.0	25.1	37.7#

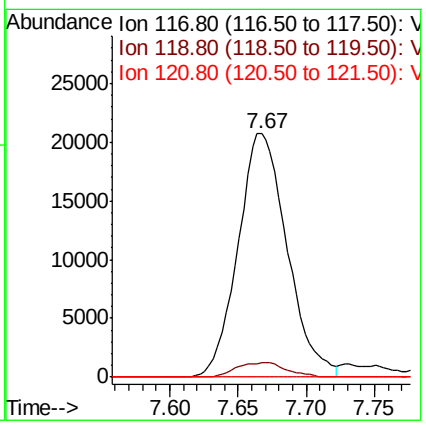


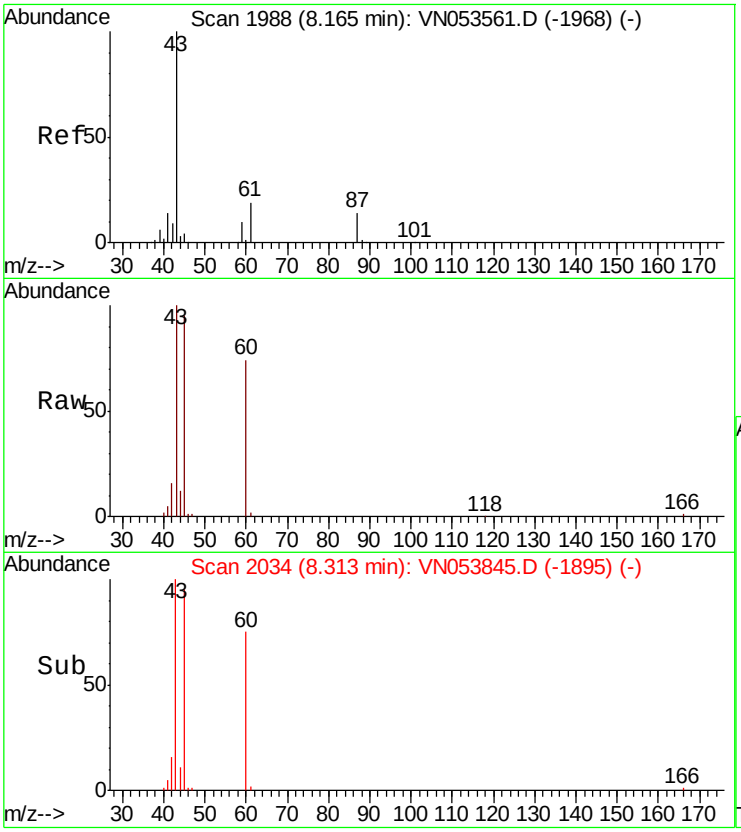


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion:117 Resp: 51854

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.2	115.8#
121	0.0	24.6	37.0#



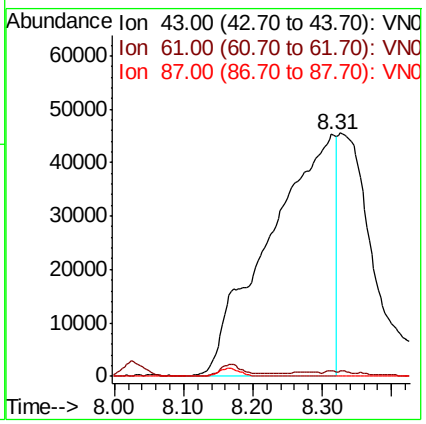


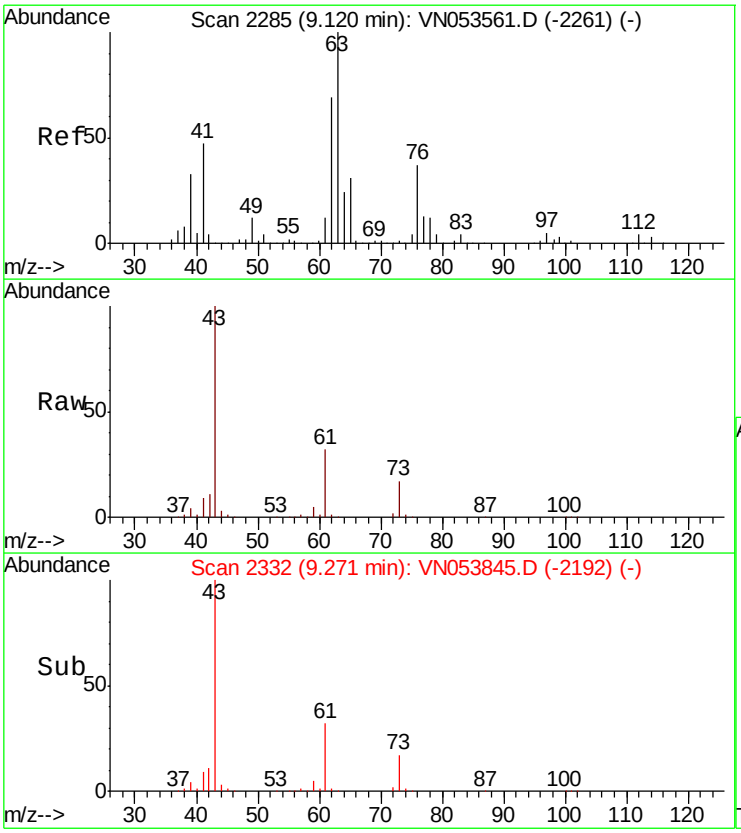
#43
Isopropyl Acetate
Concen: 27.365 ug/l
RT: 8.31 min Scan# 2034
Delta R.T. 0.15 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 43 Resp: 296140

Ion	Ratio	Lower	Upper
43	100		
61	0.2	23.9	35.9#
87	0.0	11.0	16.6#

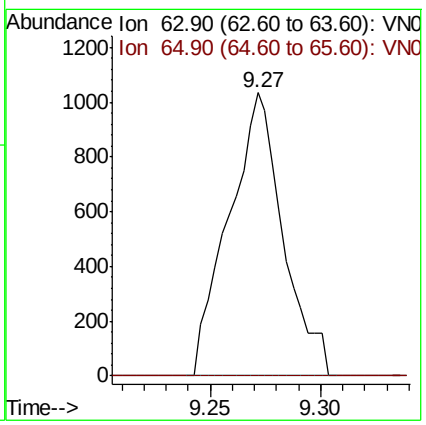


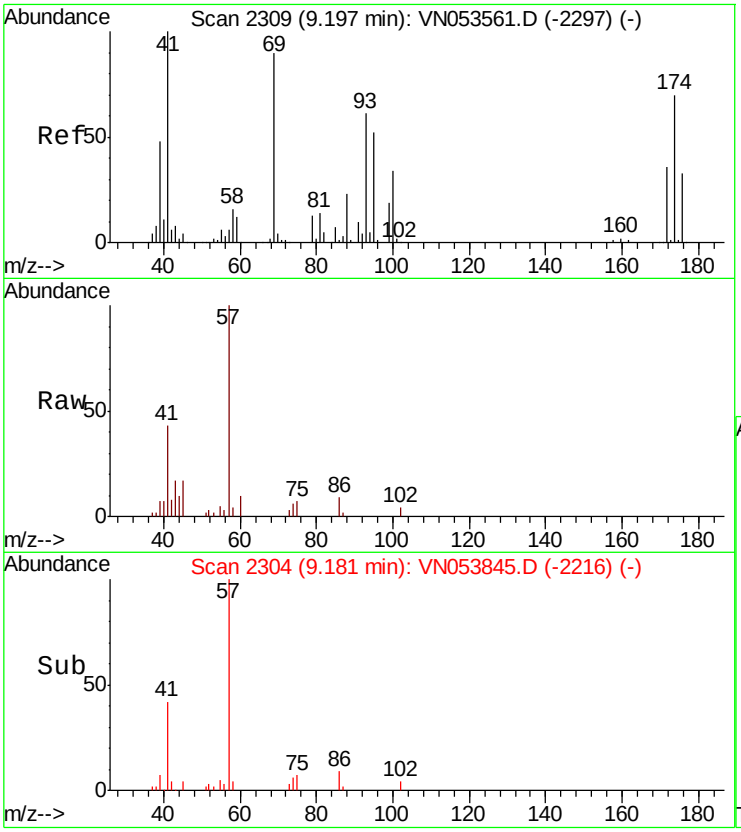


#45
1,2-Dichloropropane
Concen: 0.223 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 63 Resp: 1765

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



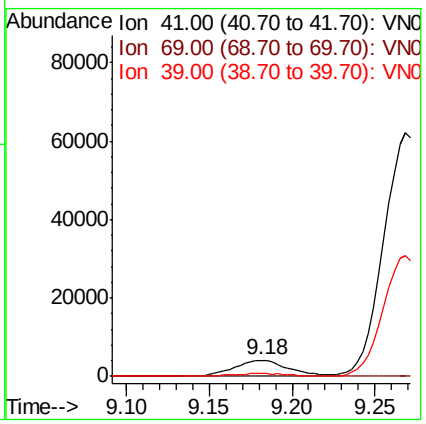


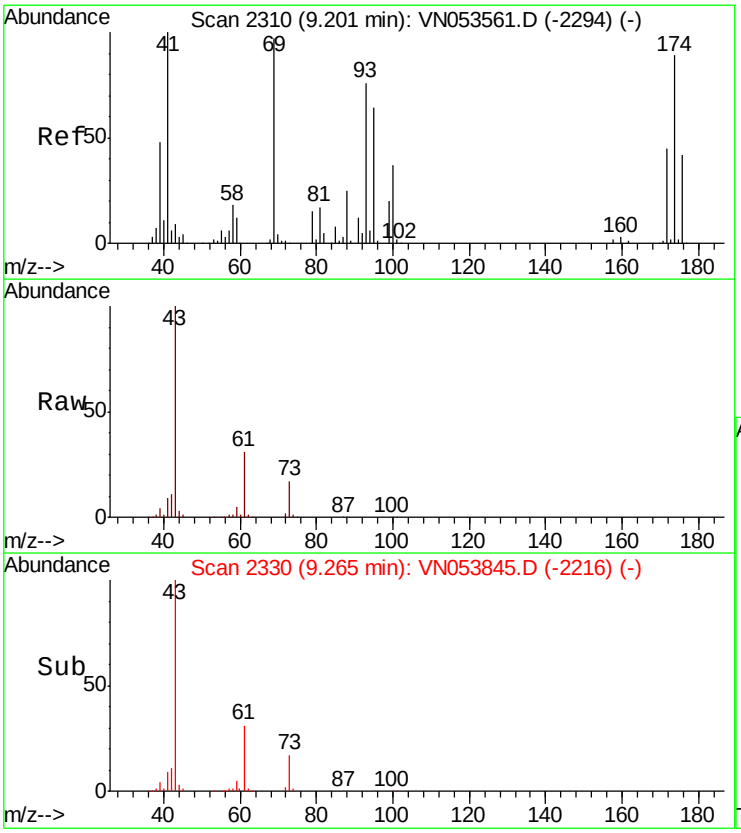
#48
Methyl methacrylate
Concen: 1.819 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Tgt Ion: 41 Resp: 9397

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

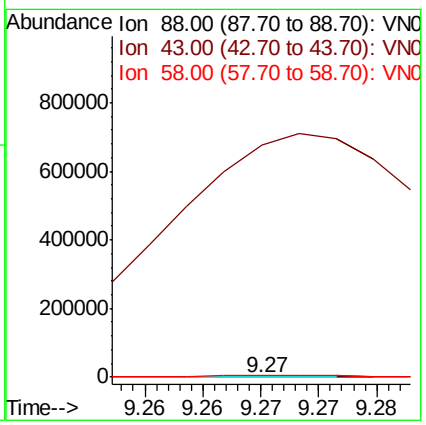


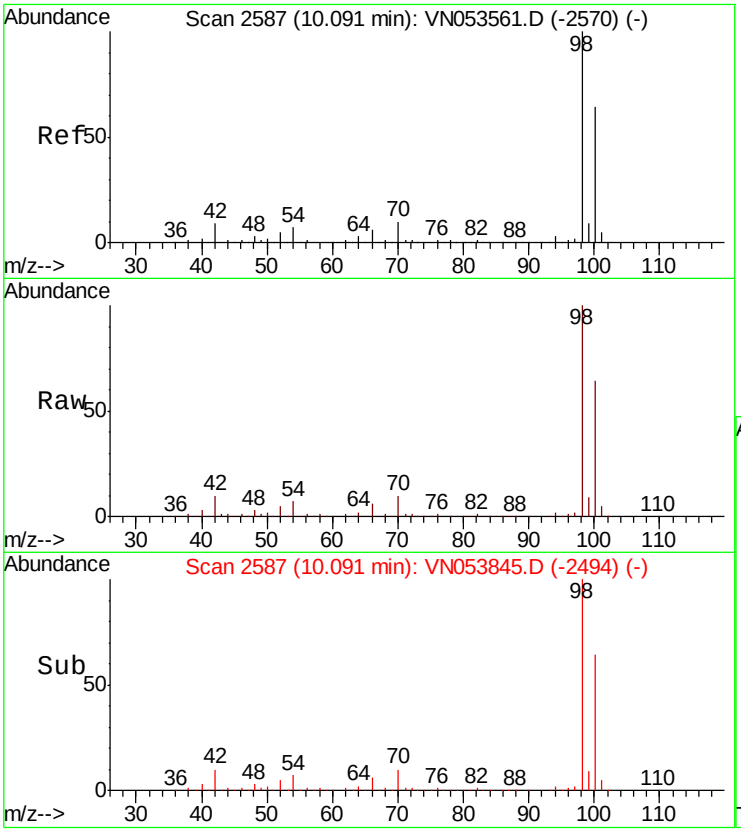


#49
1,4-Dioxane
Concen: 39.522 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	4404251.5	27.8	41.6#
58	22236.4	56.5	84.7#



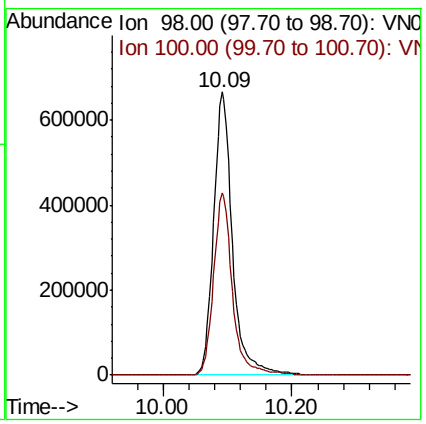


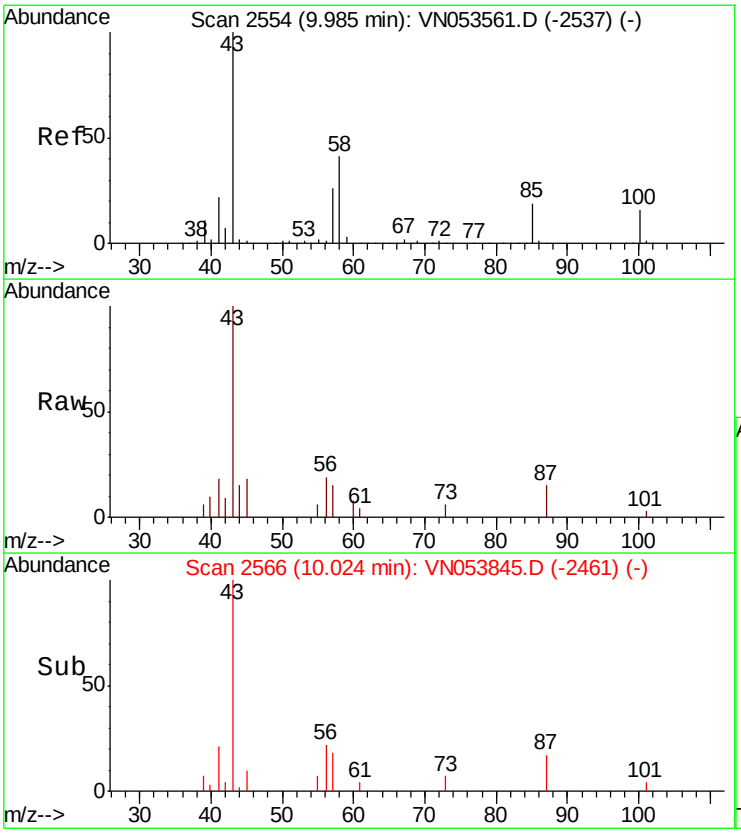
#50
Toluene-d8
Concen: 51.313 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 98 Resp: 1355034

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

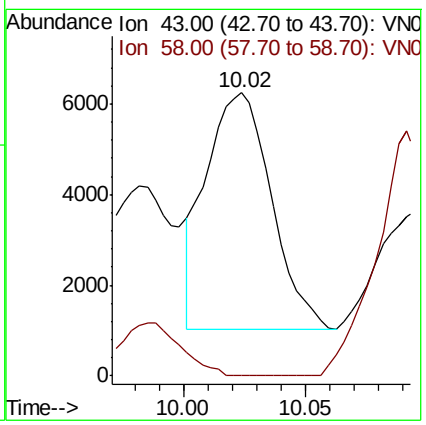


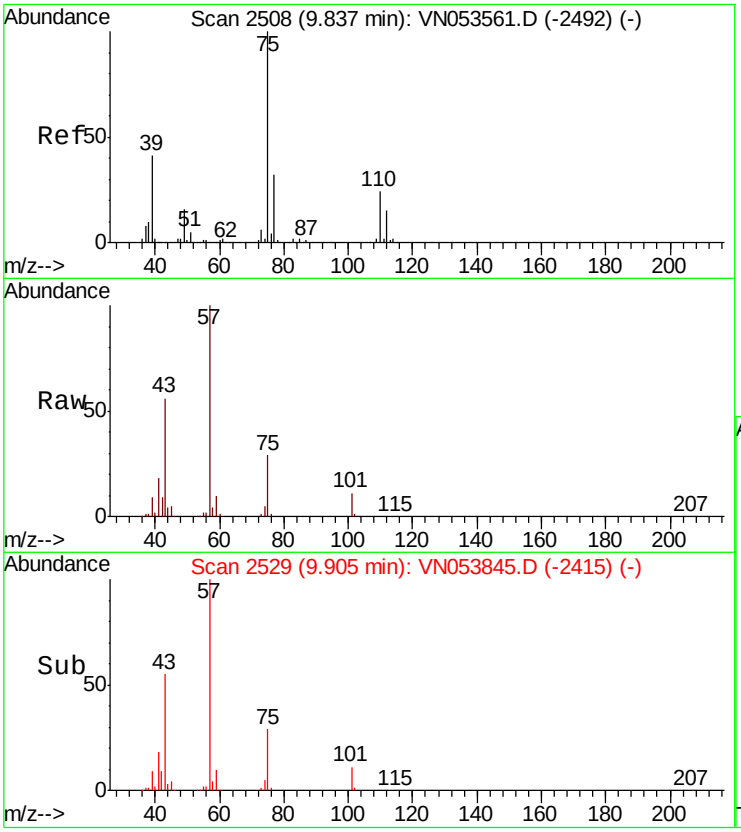


#51
4-Methyl-2-Pentanone
Concen: 1.817 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 43 Resp: 9661

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



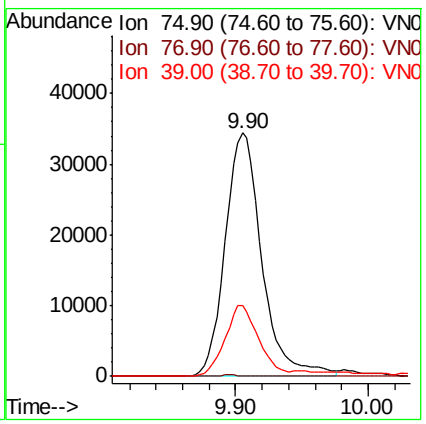


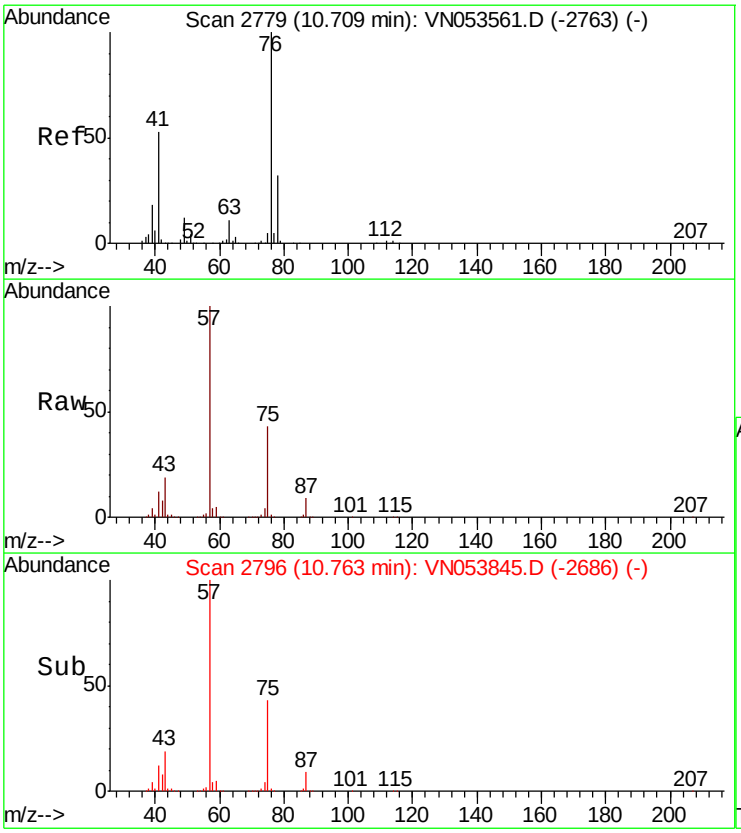
#54
cis-1,3-Dichloropropene
Concen: 5.618 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Tgt Ion: 75 Resp: 66118

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	29.1	33.4	50.0#

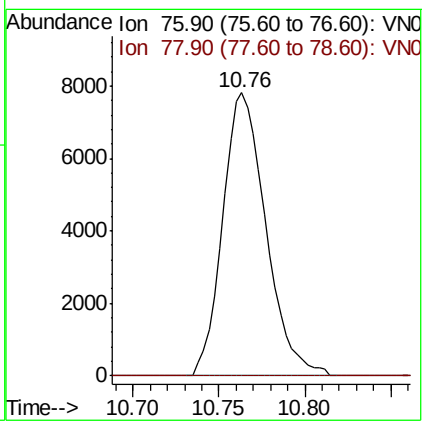


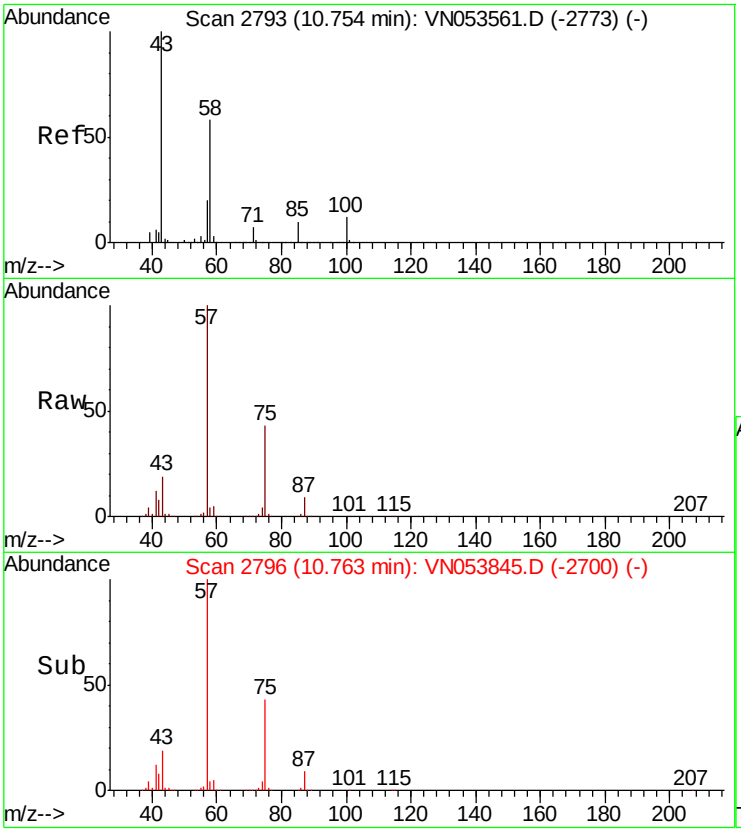


#57
1,3-Dichloropropane
Concen: 1.202 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 76 Resp: 13598

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



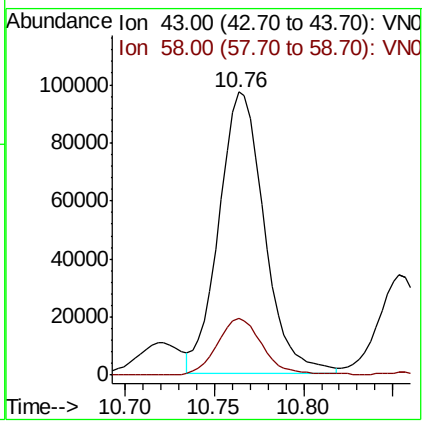


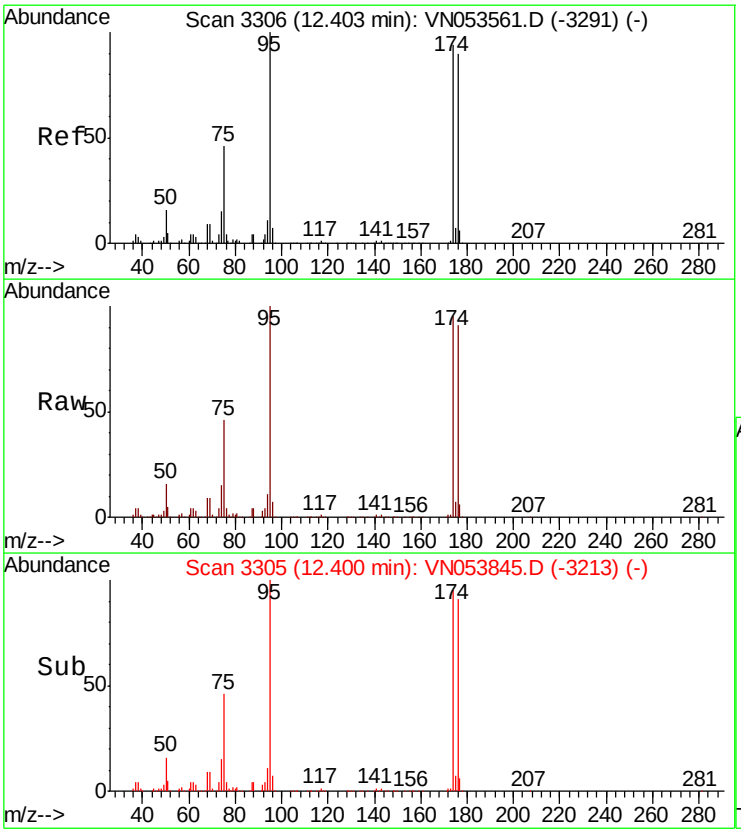
#59
2-Hexanone
Concen: 47.768 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 43 Resp: 172449

Ion	Ratio	Lower	Upper
43	100		
58	20.4	28.6	85.8#

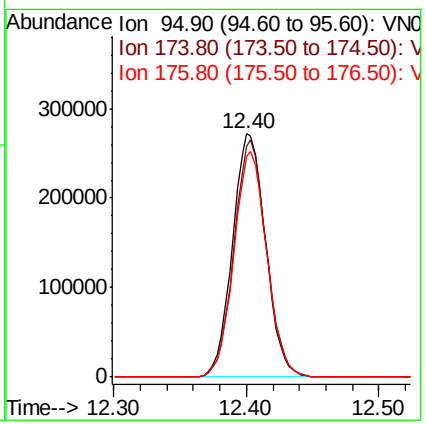


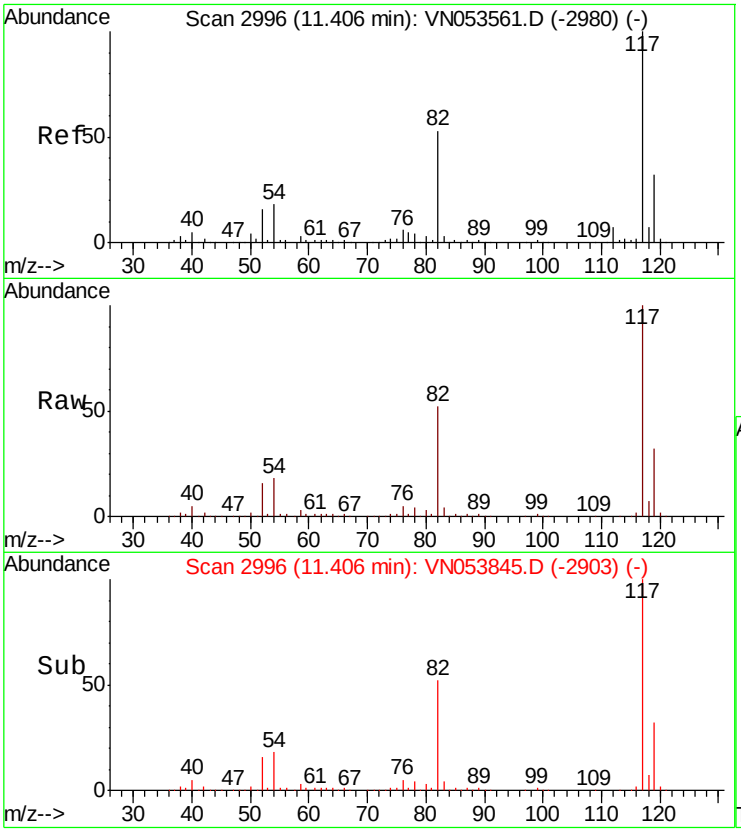


#62
4-Bromofluorobenzene
Concen: 53.316 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 95 Resp: 469569

Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	183.2
176	92.2	0.0	177.4



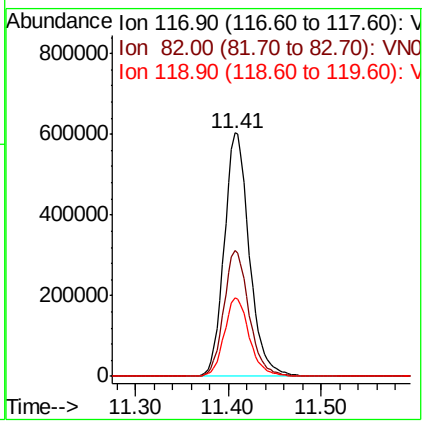


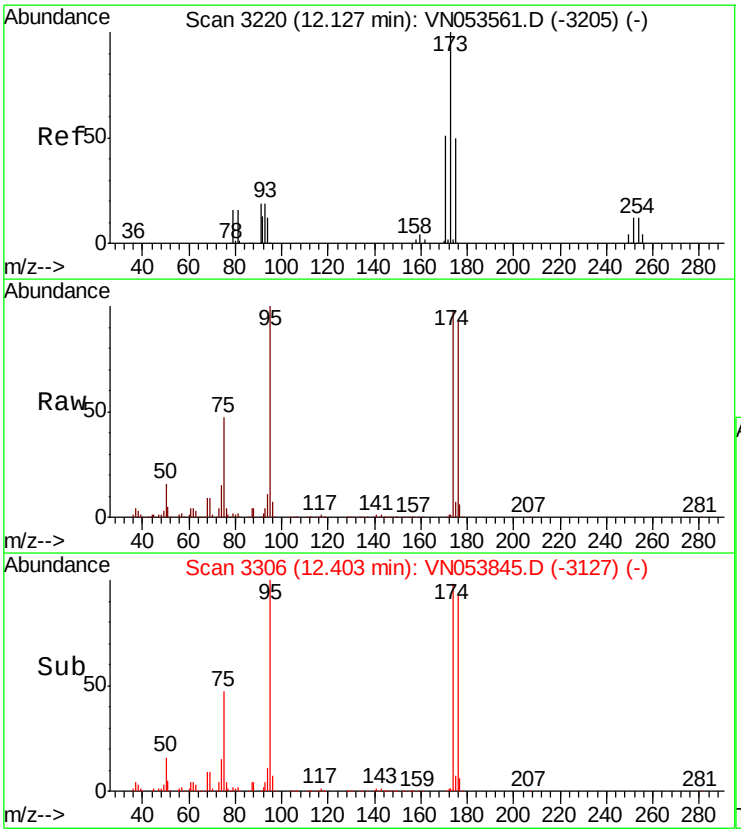
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion:117 Resp: 1133186

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.9	64.3
119	32.1	26.0	39.0

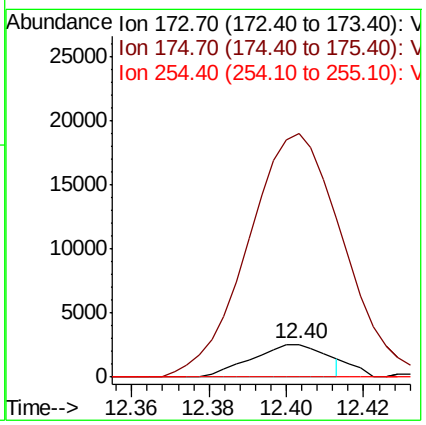


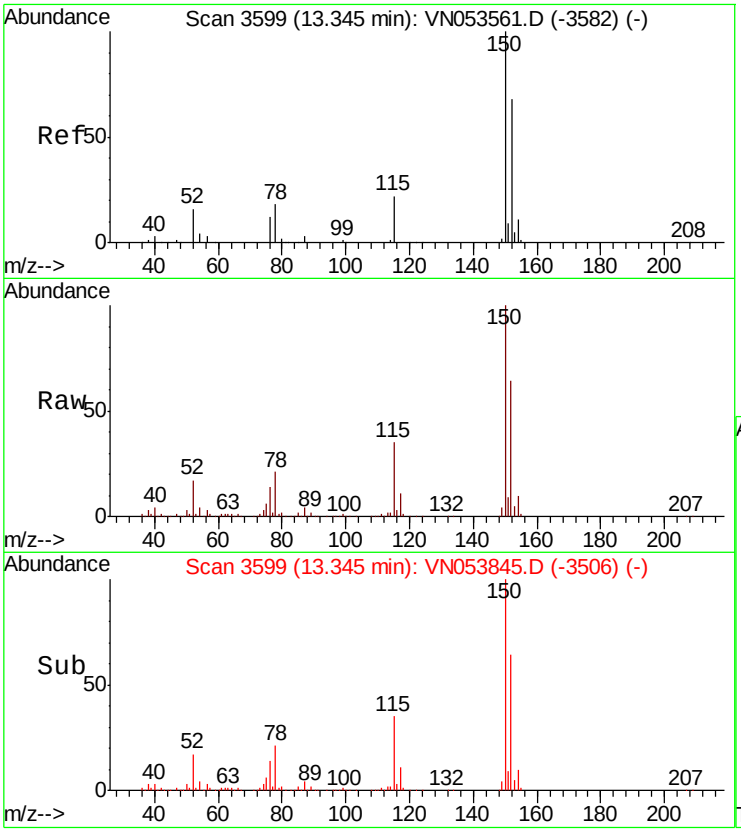


#71
Bromoform
Concen: 0.593 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion:173 Resp: 3415

Ion	Ratio	Lower	Upper
173	100		
175	810.0	24.6	74.0#
254	0.0	0.2	0.2#



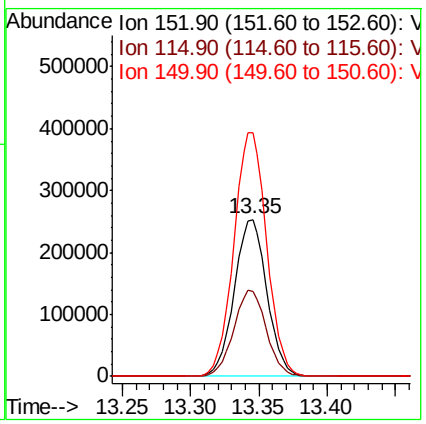


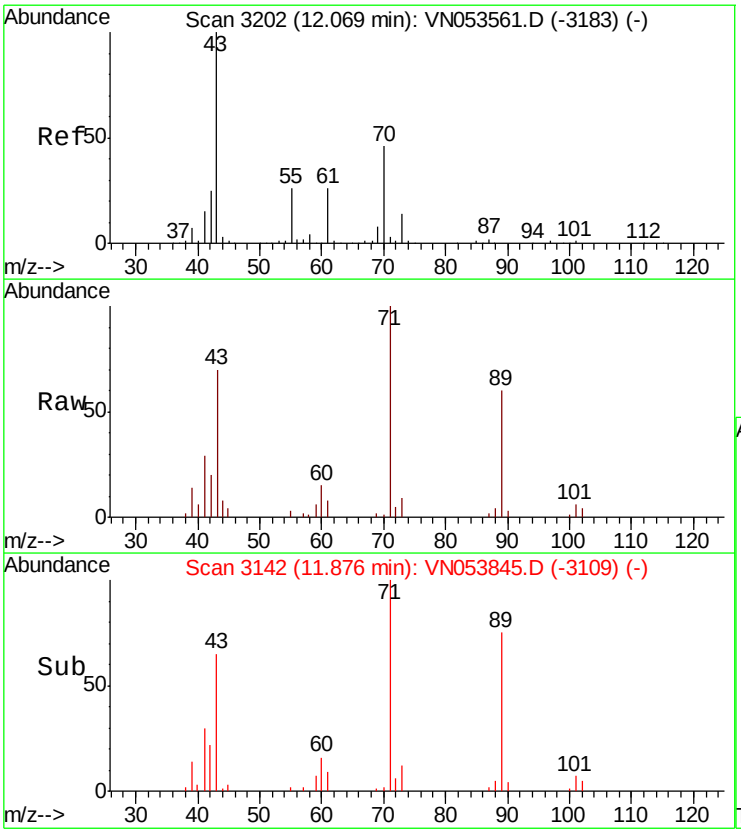
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion:152 Resp: 419201

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.4
150	156.2	0.0	349.0

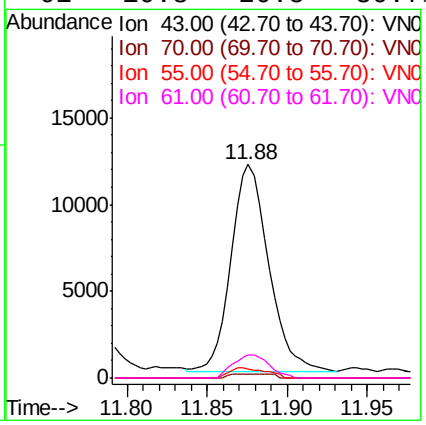


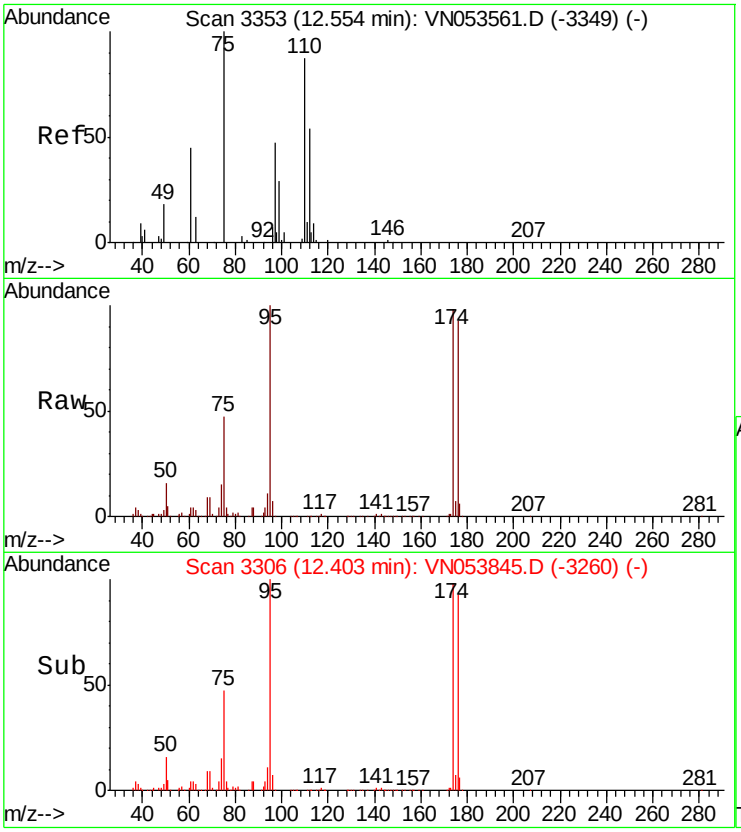


#74
N-amyl acetate
Concen: 2.685 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion: 43 Resp: 19026

Ion	Ratio	Lower	Upper
43	100		
70	1.3	35.4	53.2#
55	4.8	20.9	31.3#
61	10.8	20.5	30.7#



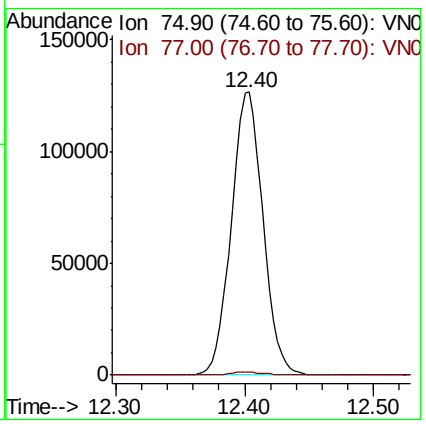


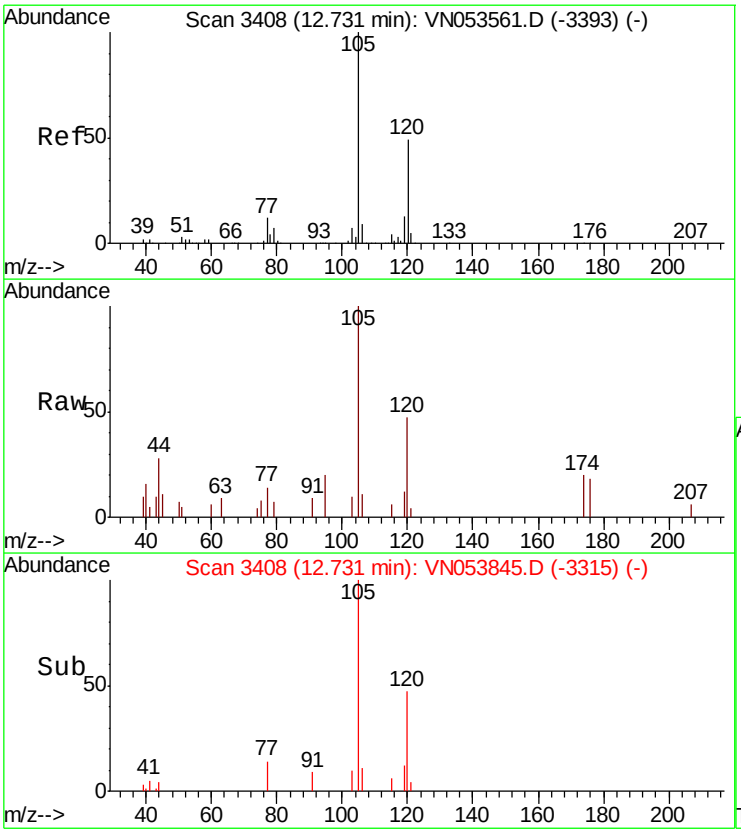
#76
1,2,3-Trichloropropane
Concen: 40.059 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB117159ZHE#09

Tgt Ion: 75 Resp: 215695

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

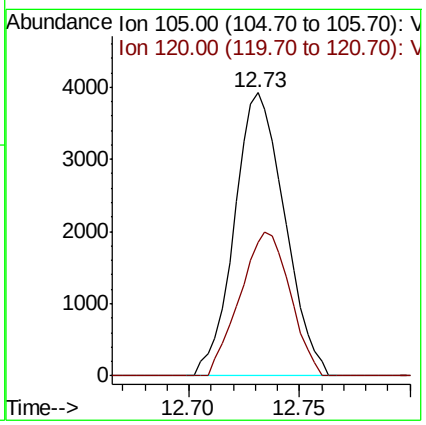


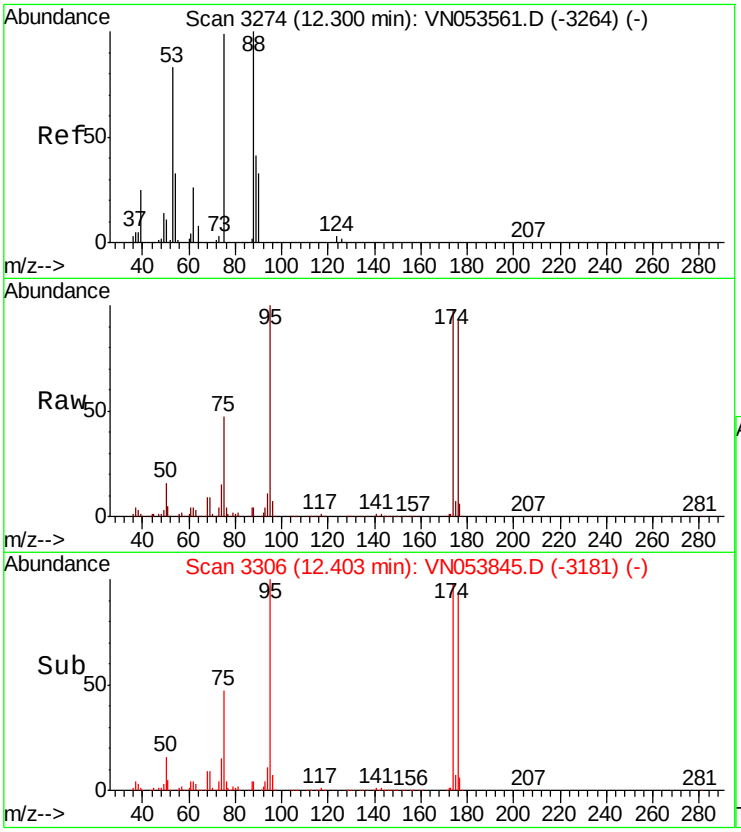


#80
1,3,5-Trimethylbenzene
Concen: 0.254 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Tgt Ion:105 Resp: 6204

Ion	Ratio	Lower	Upper
105	100		
120	50.3	24.9	74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 112.644 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053845.D
Acq: 18 Feb 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#09

Tgt Ion: 75 Resp: 215695

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