Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052843.D
Acq On : 12 Dec 2018 22:27
Operator : MD\SY
Sample : PB115564ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Quant Time: Dec 13 04:15:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1172936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1820923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1651882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	677089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614628	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
35) Dibromofluoromethane	7.59	113	518025	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
50) Toluene-d8	10.09	98	2242010	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
62) 4-Bromofluorobenzene	12.40	95	735705	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	224	0.341	ug/l #	79
16) Acetone	3.82	43	17973	6.417	ug/l	97
18) Methyl Acetate	4.34	43	3402	0.331	ug/l #	82
20) Methylene Chloride	4.56	84	21847	1.733	ug/l	98
25) 2-Butanone	6.84	43	1580	0.364	ug/l #	78
29) Tetrahydrofuran	7.21	42	979	0.330	ug/l #	71
31) Cyclohexane	7.67	56	20202	0.380	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	78825	4.701	ug/l #	49
38) Carbon Tetrachloride	7.67	117	102012	6.609	ug/l #	16
43) Isopropyl Acetate	8.17	43	87493	4.236	ug/l #	75
45) 1,2-Dichloropropane	9.27	63	3491	0.265	ug/l #	44
48) Methyl methacrylate	9.18	41	17499	1.932	ug/l #	12
49) 1,4-Dioxane	9.26	88	261	2.539	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	20396	2.154	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	140241	7.377	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	25931	1.390	ug/l #	44
59) 2-Hexanone	10.77	43	357589	55.097	ug/l #	50
71) Bromoform	12.40	173	4535	0.560	ug/l #	1
74) N-amyl acetate	11.88	43	45714	3.294	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	350510	35.087	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	29394	0.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	350510	112.717	ug/l #	12

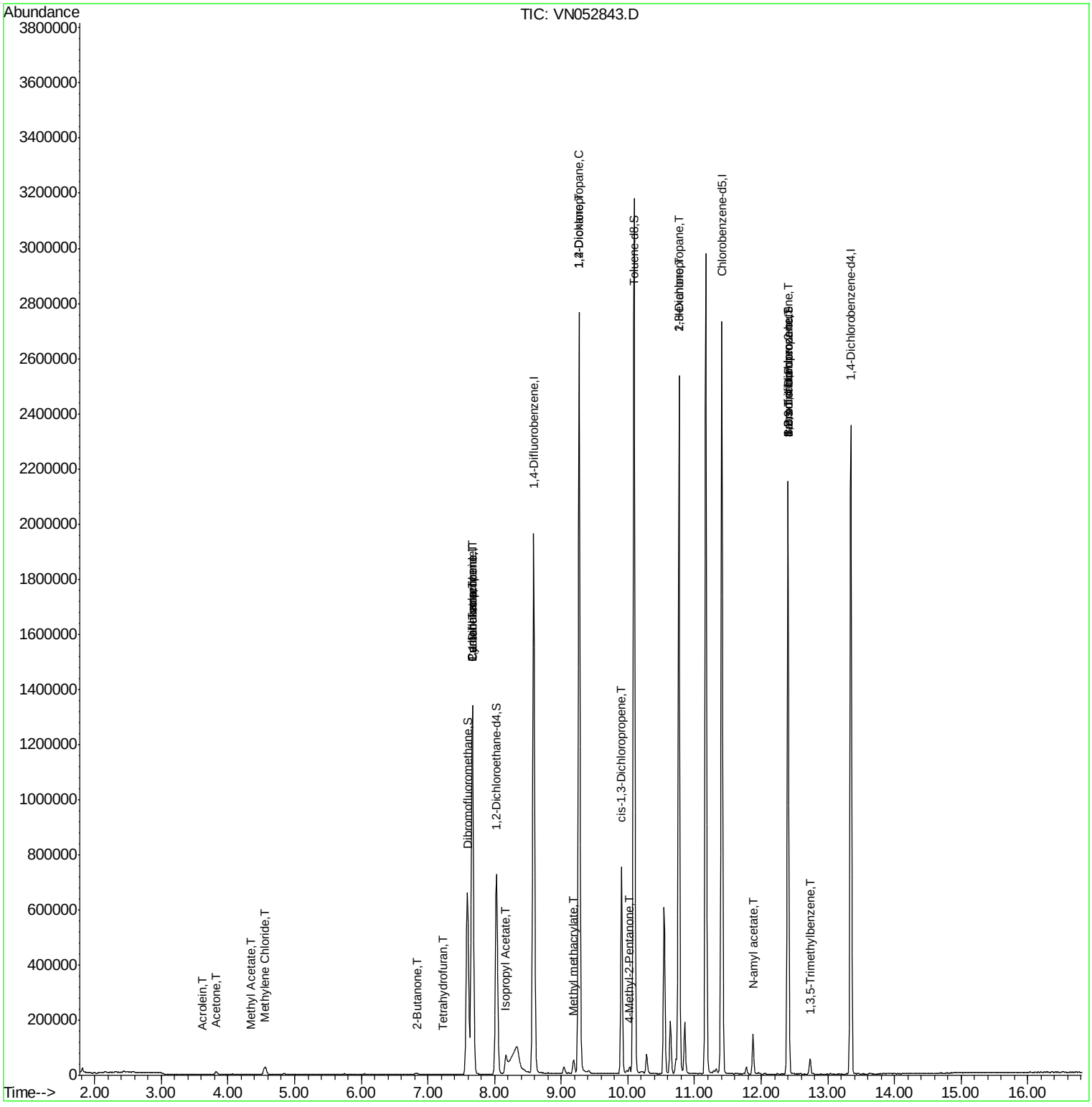
(#) = qualifier out of range (m) = manual integration (+) = signals summed

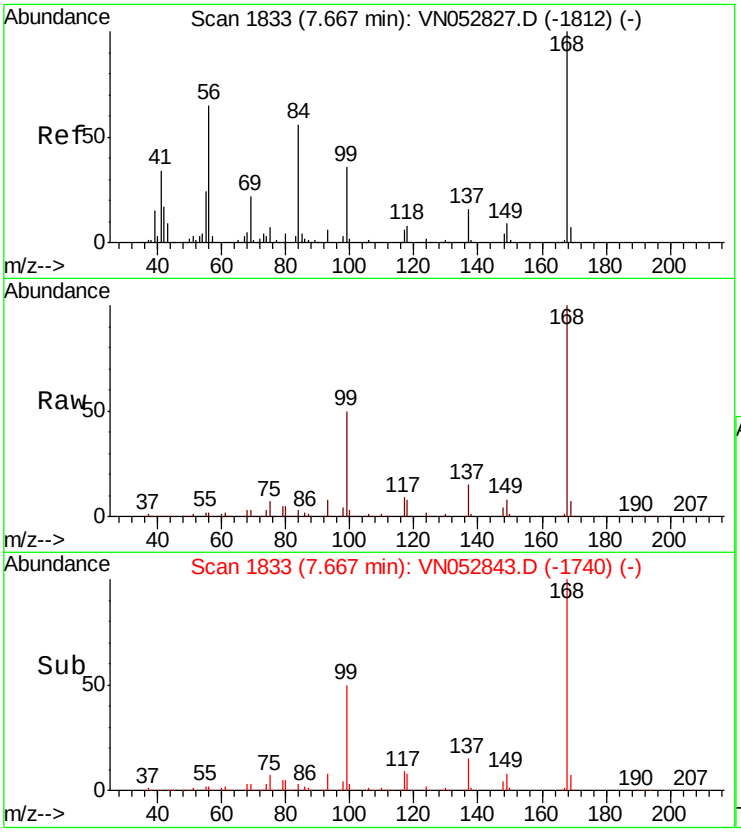
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052843.D
Acq On : 12 Dec 2018 22:27
Operator : MD\SY
Sample : PB115564ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Quant Time: Dec 13 04:15:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



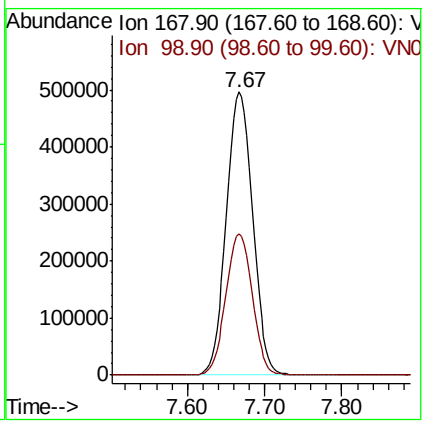


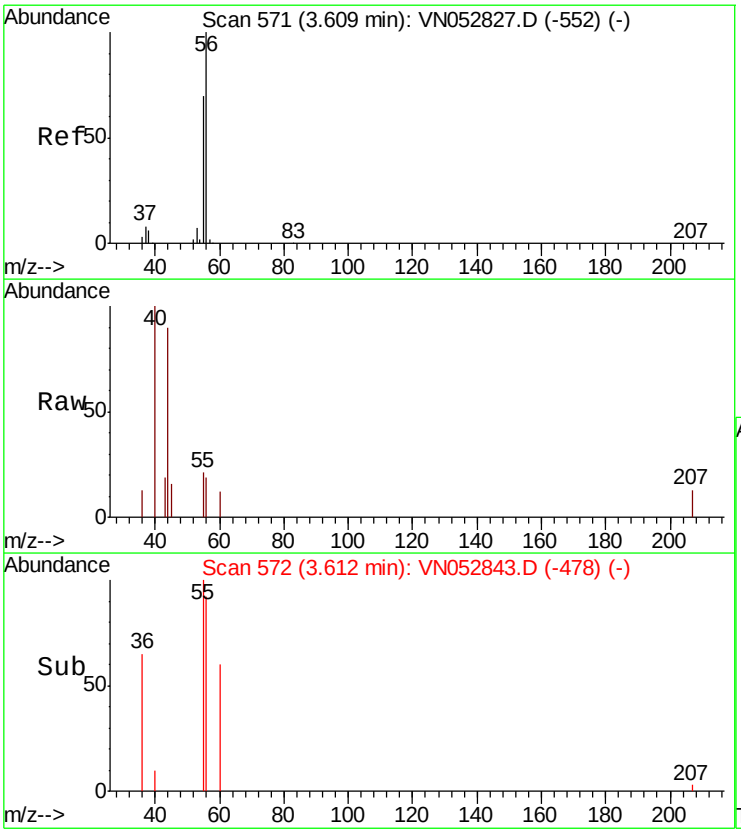
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion:168 Resp: 1172936

Ion	Ratio	Lower	Upper
168	100		
99	50.1	40.2	60.2

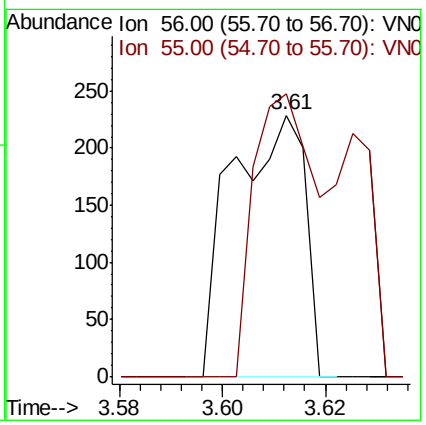


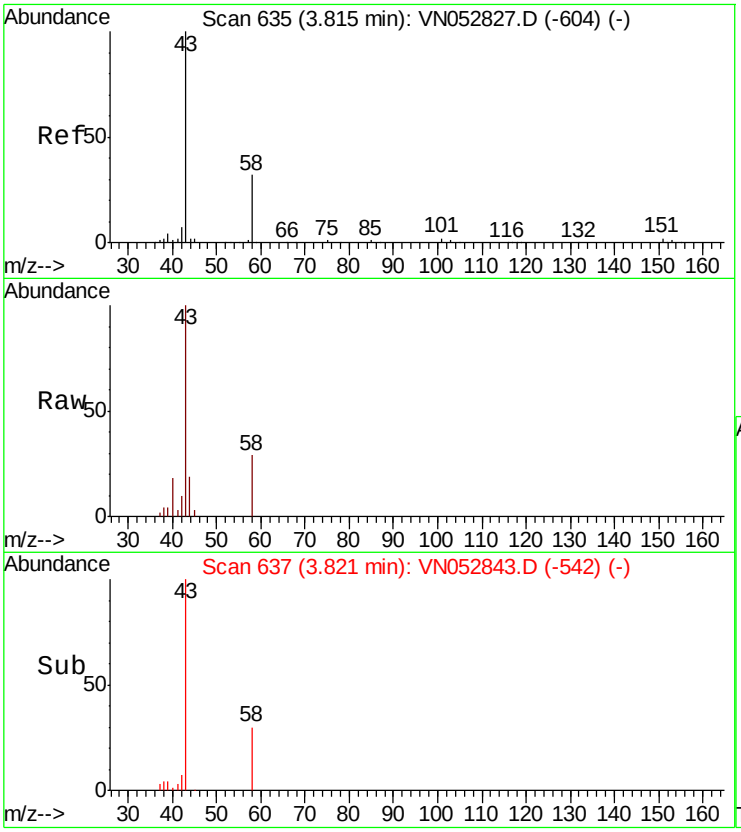


#13
Acrolein
Concen: 0.341 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	88.4	56.6	85.0#

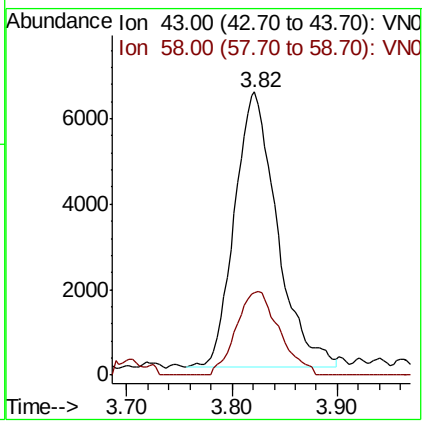




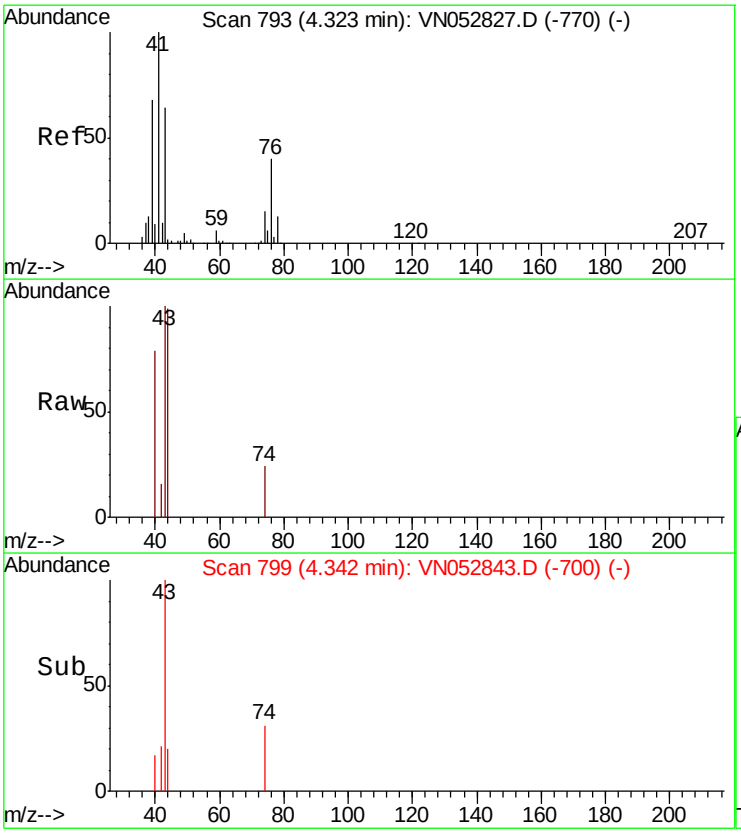
#16
Acetone
Concen: 6.417 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 17973

Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.4	38.0



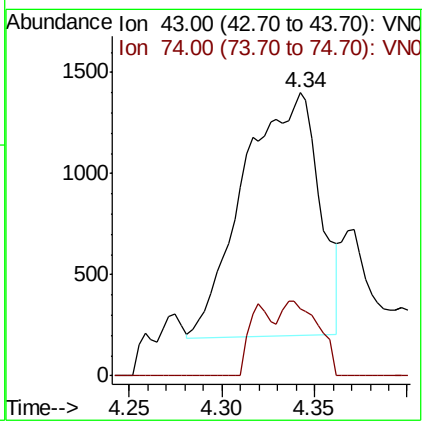
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

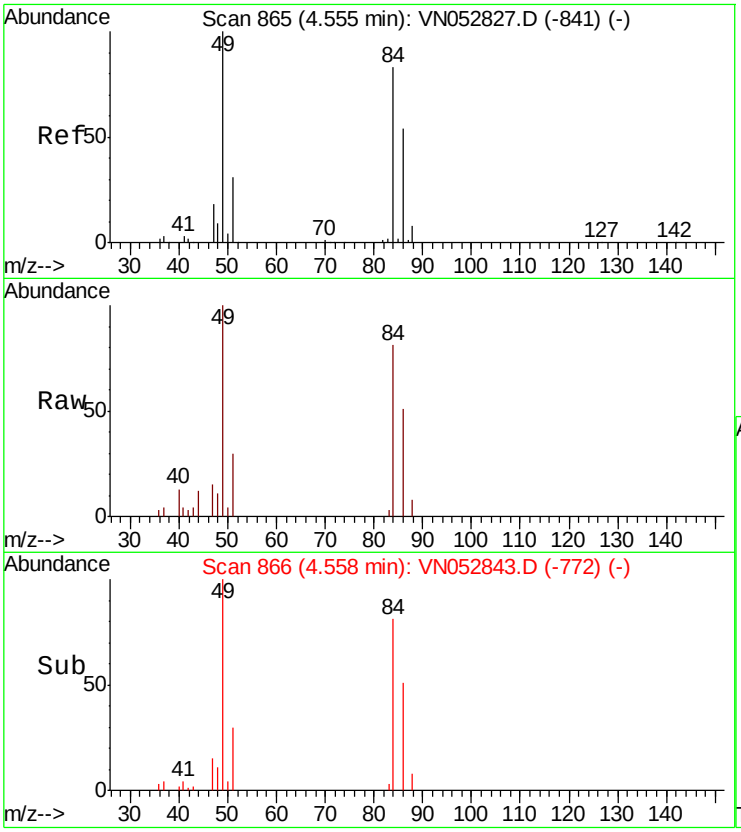


#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 3402

Ion	Ratio	Lower	Upper
43	100		
74	15.1	19.2	28.8#



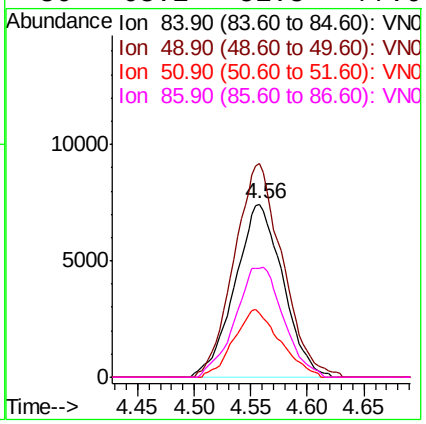


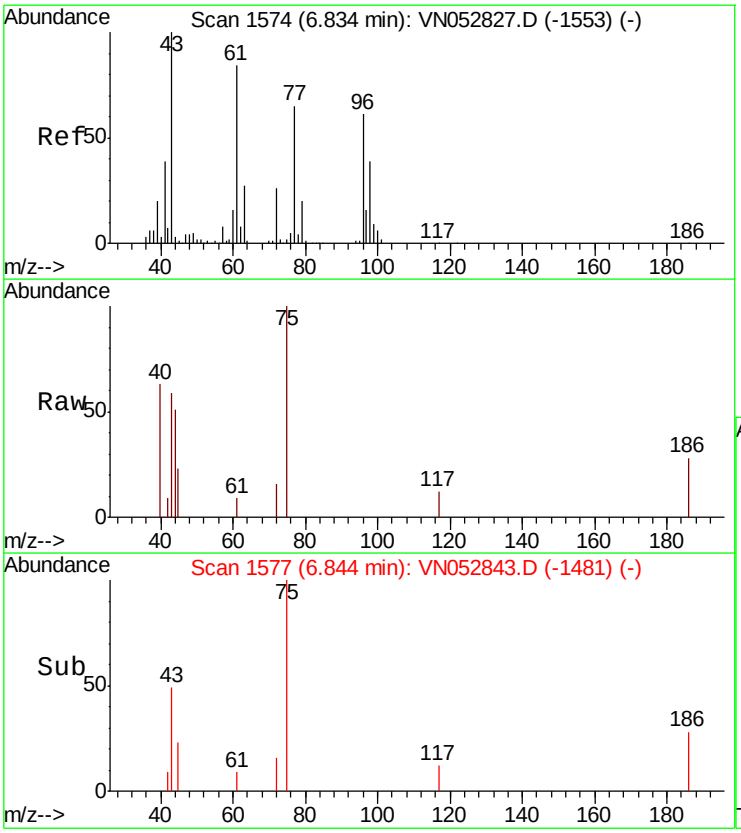
#20
Methylene Chloride
Concen: 1.733 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion: 84 Resp: 21847

Ion	Ratio	Lower	Upper
84	100		
49	123.3	96.8	145.2
51	37.2	29.9	44.9
86	63.1	51.8	77.6

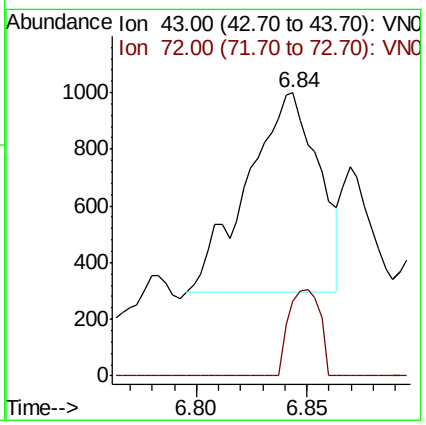


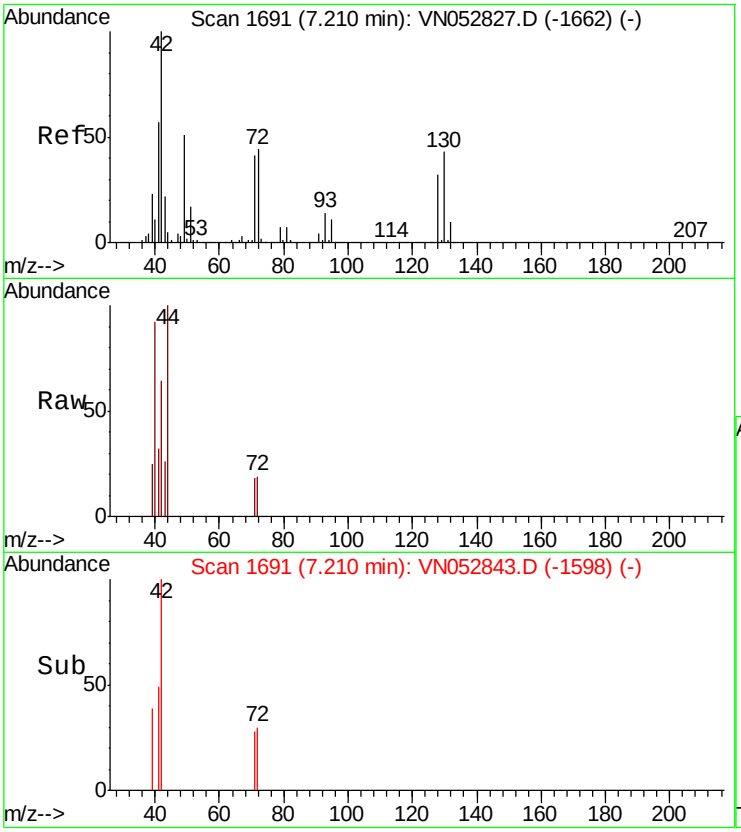


#25
2-Butanone
Concen: 0.364 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 1580

Ion	Ratio	Lower	Upper
43	100		
72	37.5	21.0	31.6#



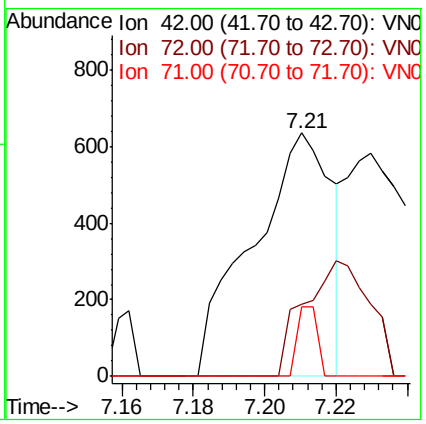


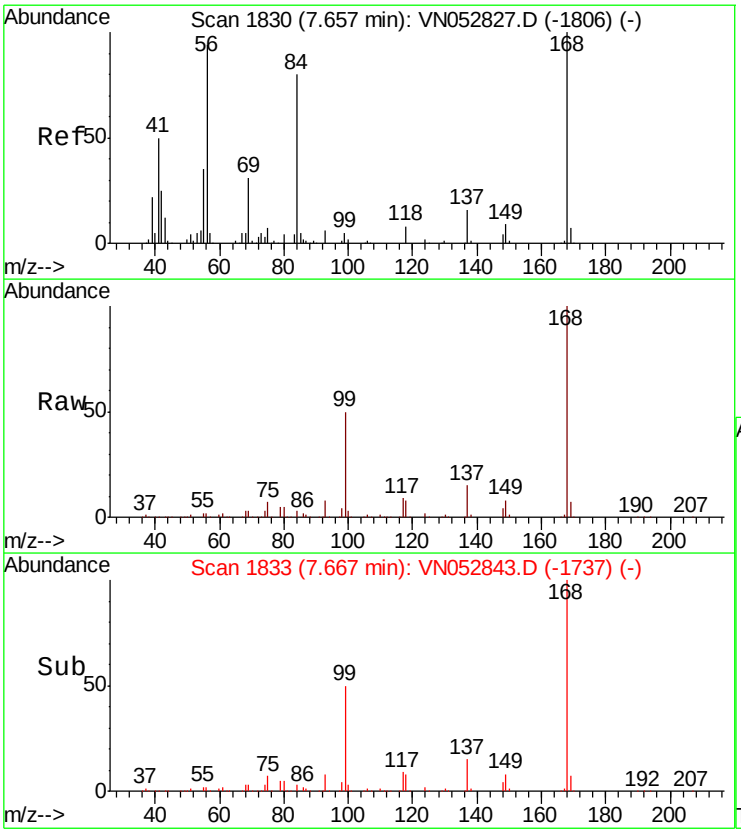
#29
Tetrahydrofuran
Concen: 0.330 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 42 Resp: 979

Ion	Ratio	Lower	Upper
42	100		
72	38.9	34.7	52.1
71	7.2	32.3	48.5#

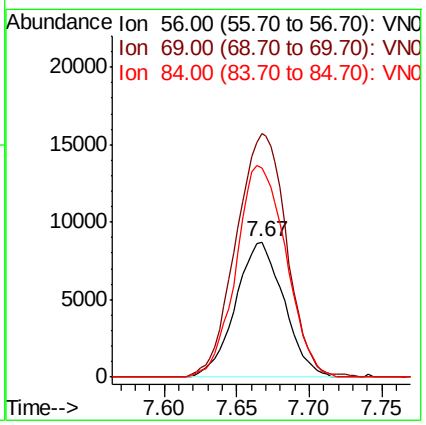


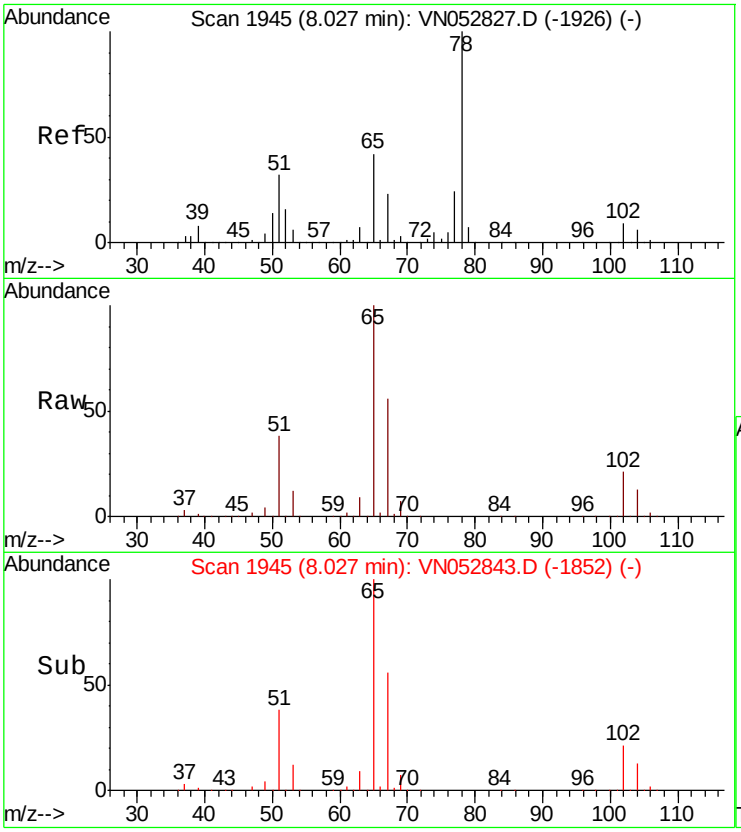


#31
Cyclohexane
Concen: 0.380 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 56 Resp: 20202

Ion	Ratio	Lower	Upper
56	100		
69	180.1	26.6	39.8#
84	155.0	68.4	102.6#



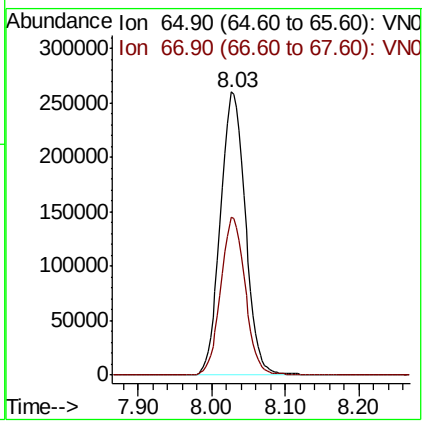


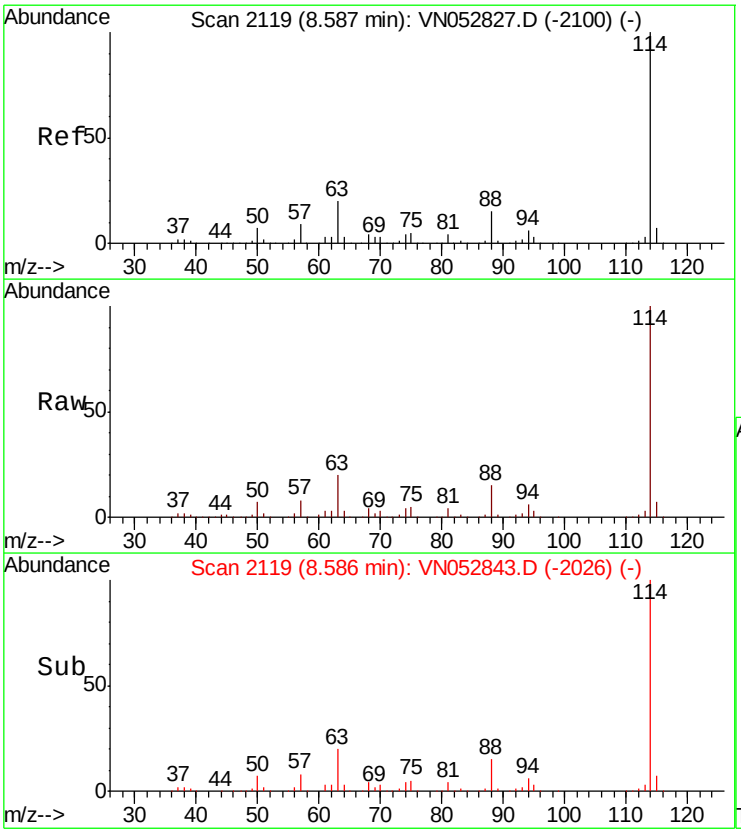
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion: 65 Resp: 614628

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4

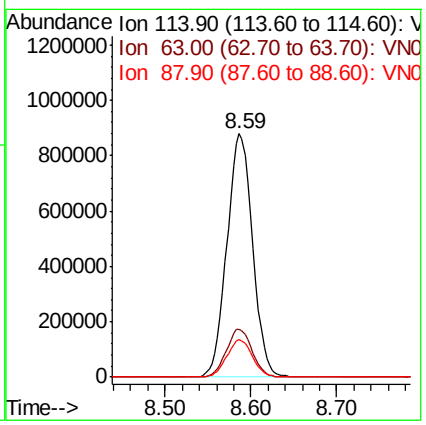


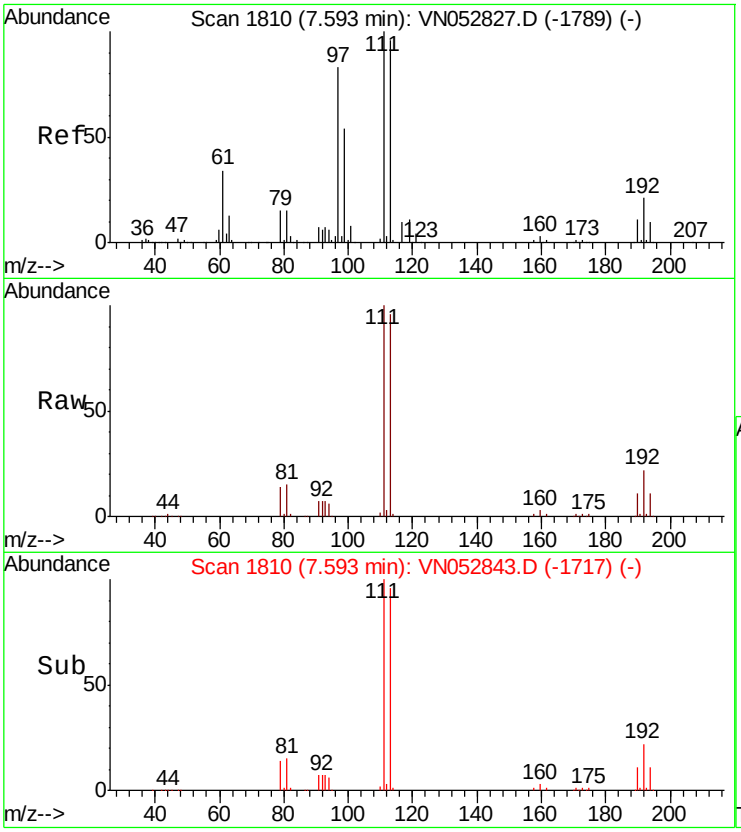


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion:114 Resp: 1820923

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.4	0.0	31.0



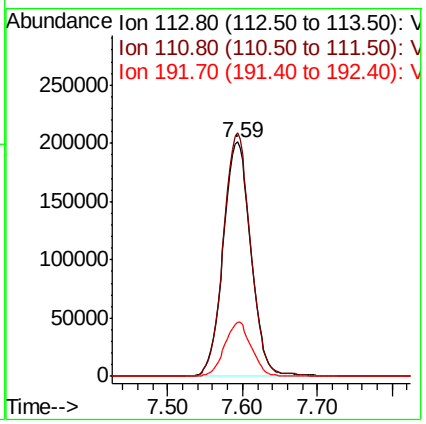


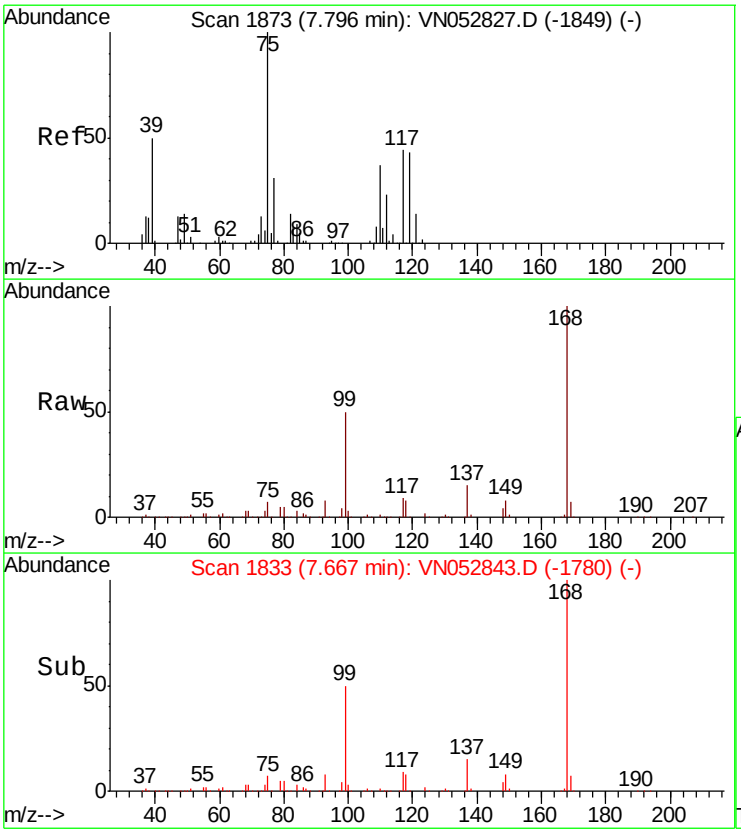
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion:113 Resp: 518025

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.2	17.5	26.3

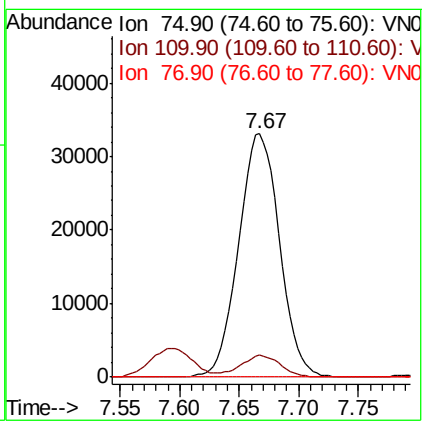


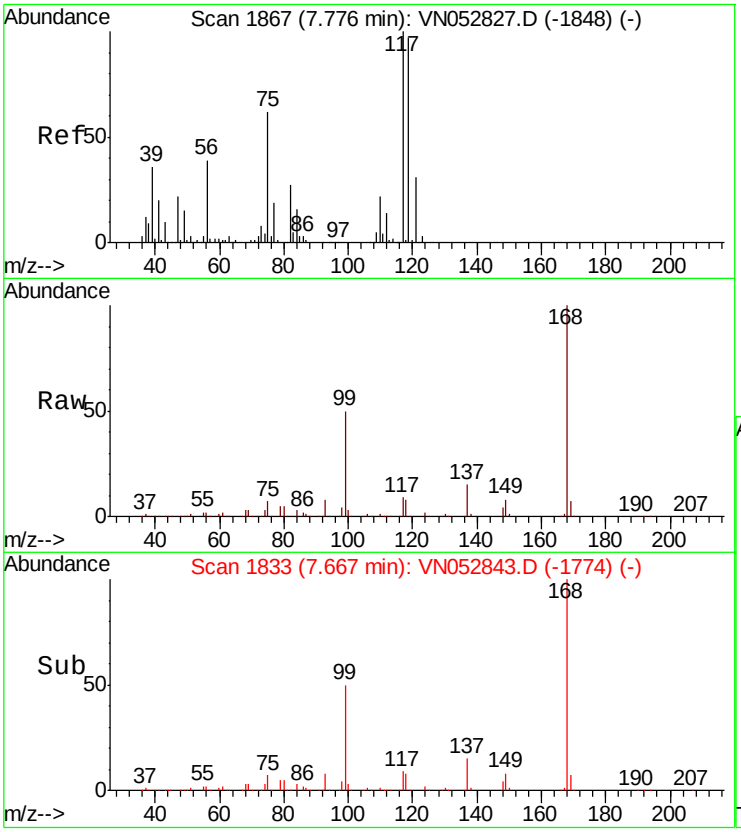


#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 75 Resp: 78825

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#



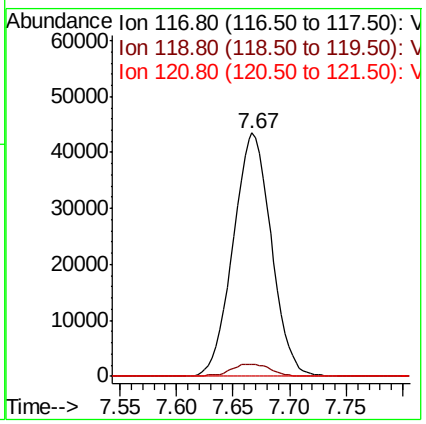


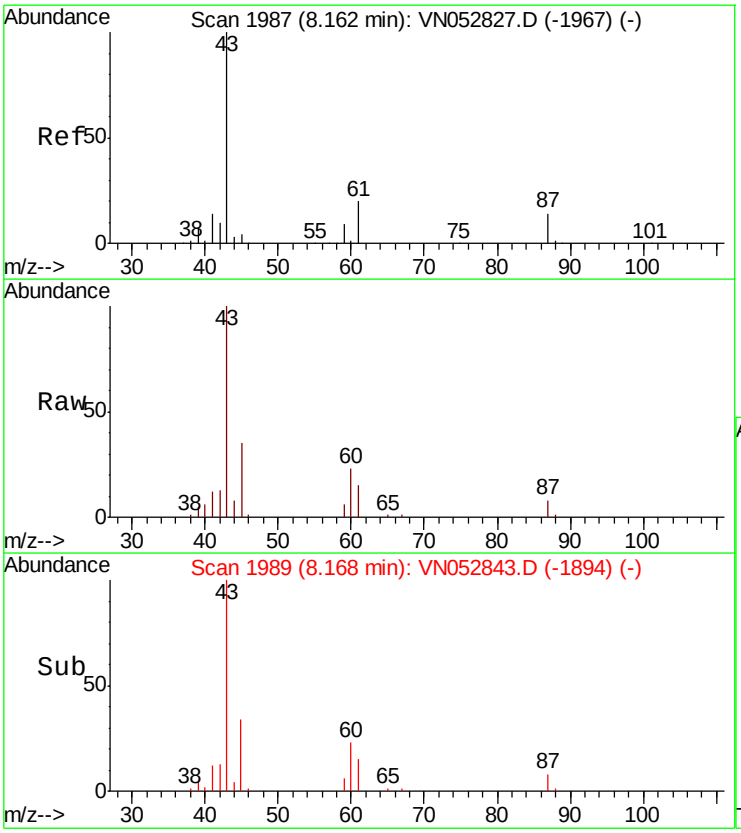
#38
Carbon Tetrachloride
Concen: 6.609 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion:117 Resp: 102012

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	24.9	37.3#

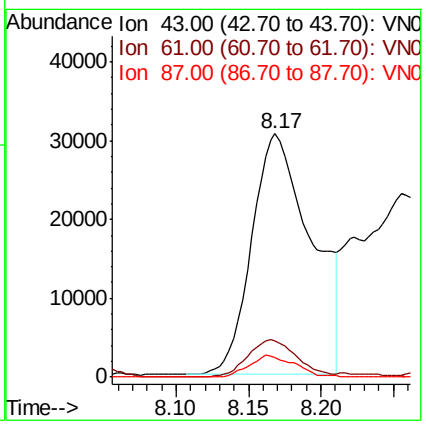


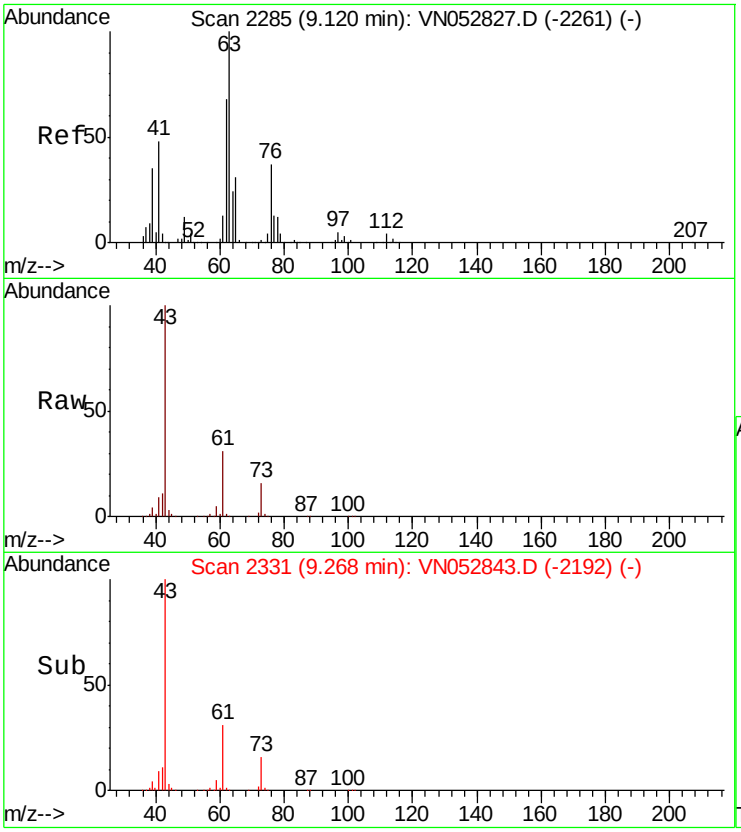


#43
Isopropyl Acetate
Concen: 4.236 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 87493

Ion	Ratio	Lower	Upper
43	100		
61	12.8	22.9	34.3#
87	6.9	10.6	15.8#



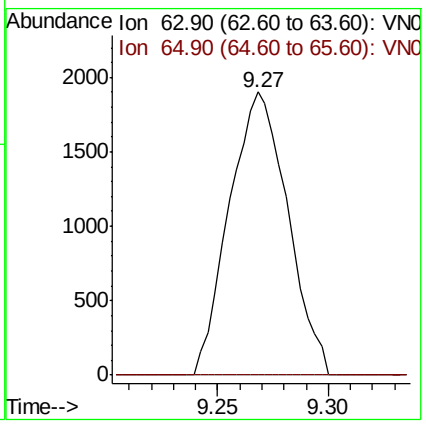


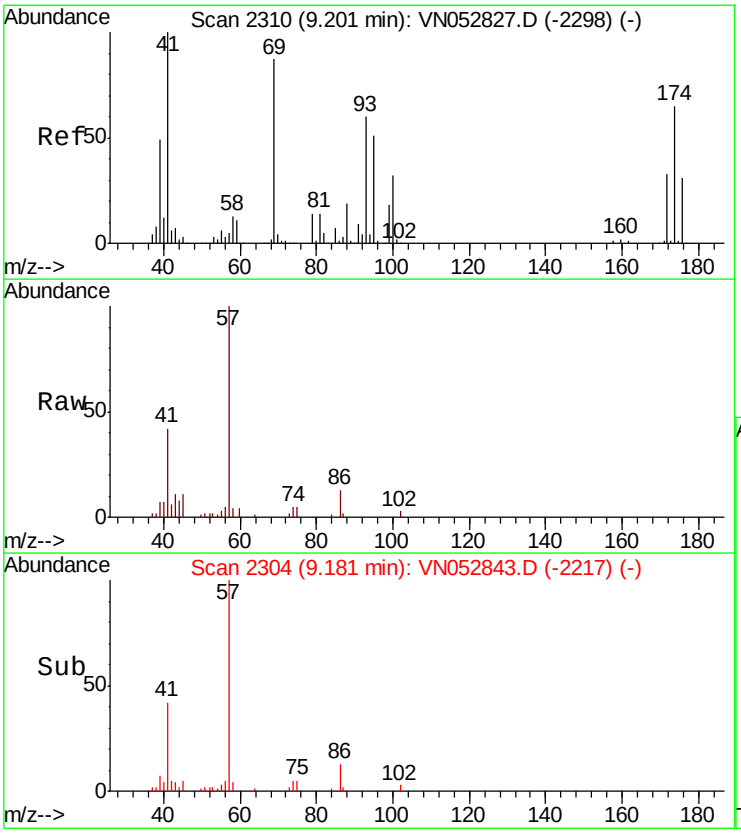
#45
1,2-Dichloropropane
Concen: 0.265 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 63 Resp: 3491

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

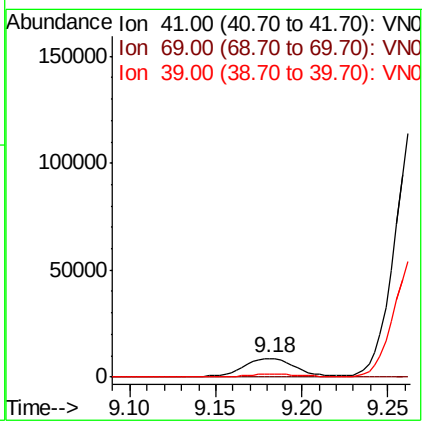


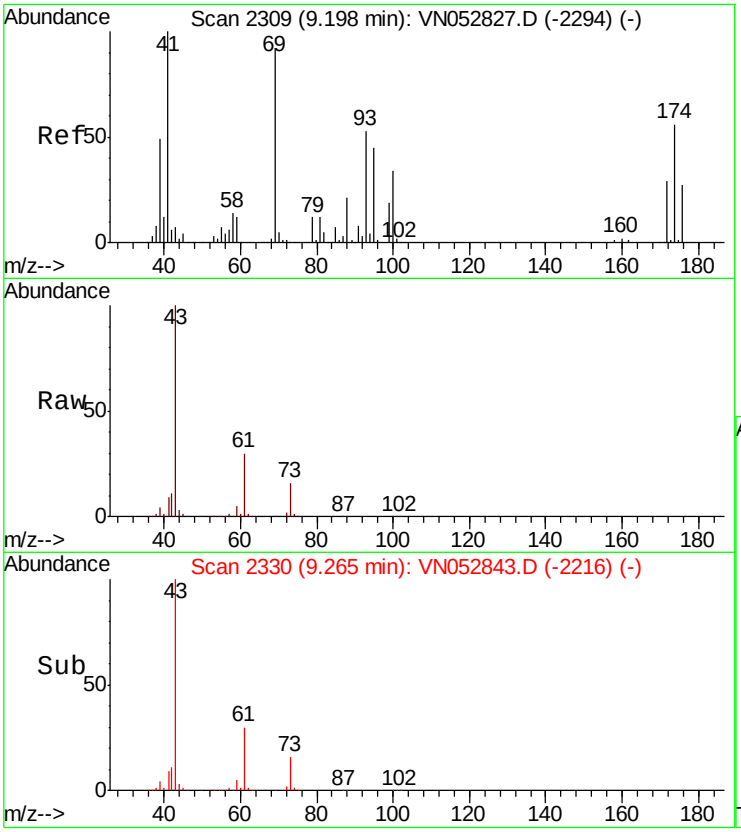


#48
Methyl methacrylate
Concen: 1.932 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 41 Resp: 17499

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	0.0	41.9	62.9#



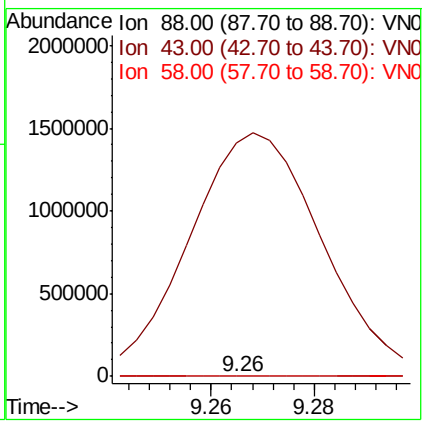


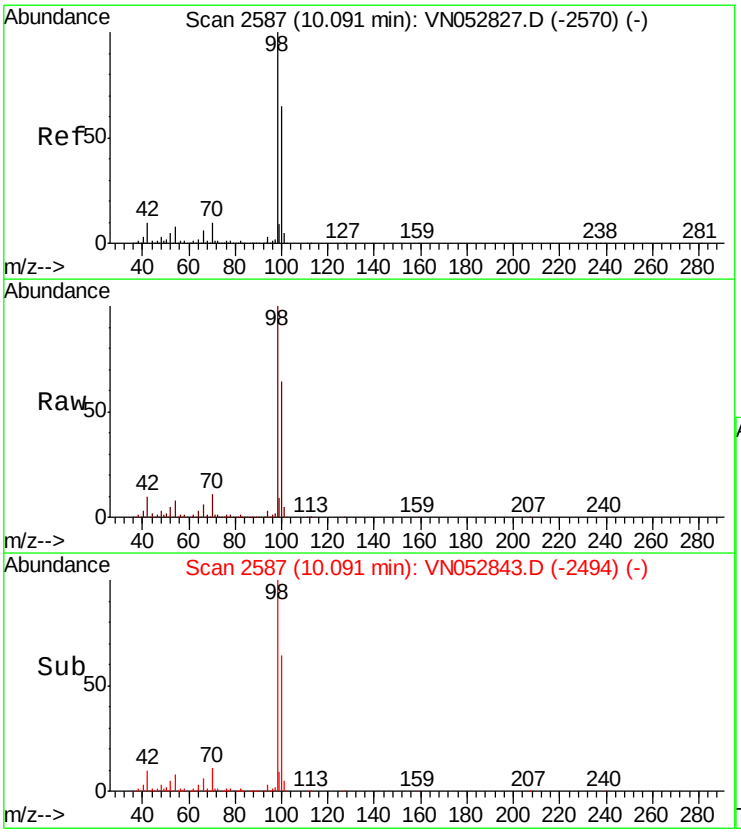
#49
1,4-Dioxane
Concen: 2.539 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 88 Resp: 261

Ion	Ratio	Lower	Upper
88	100		
43	1029169.0	26.6	40.0#
58	4441.0	58.4	87.6#

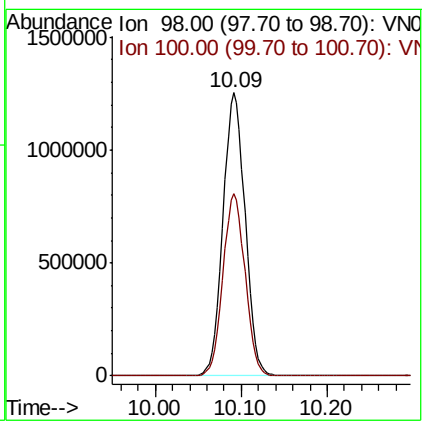


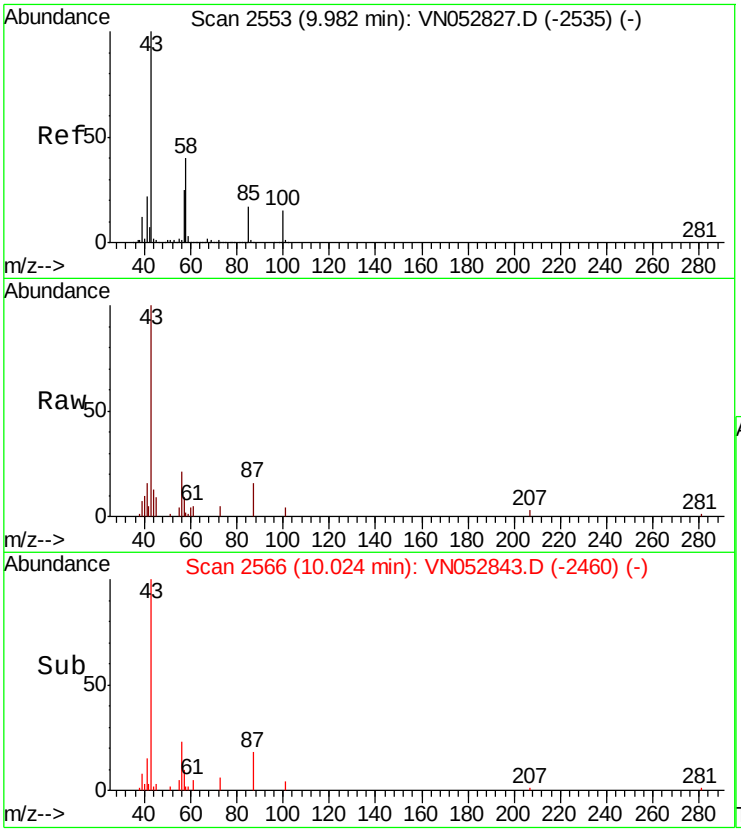


#50
Toluene-d8
Concen: 2.539 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 98 Resp: 2242010

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



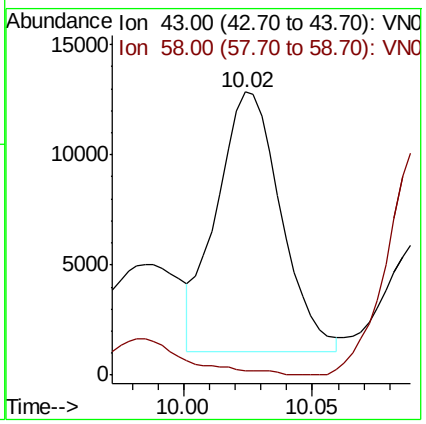


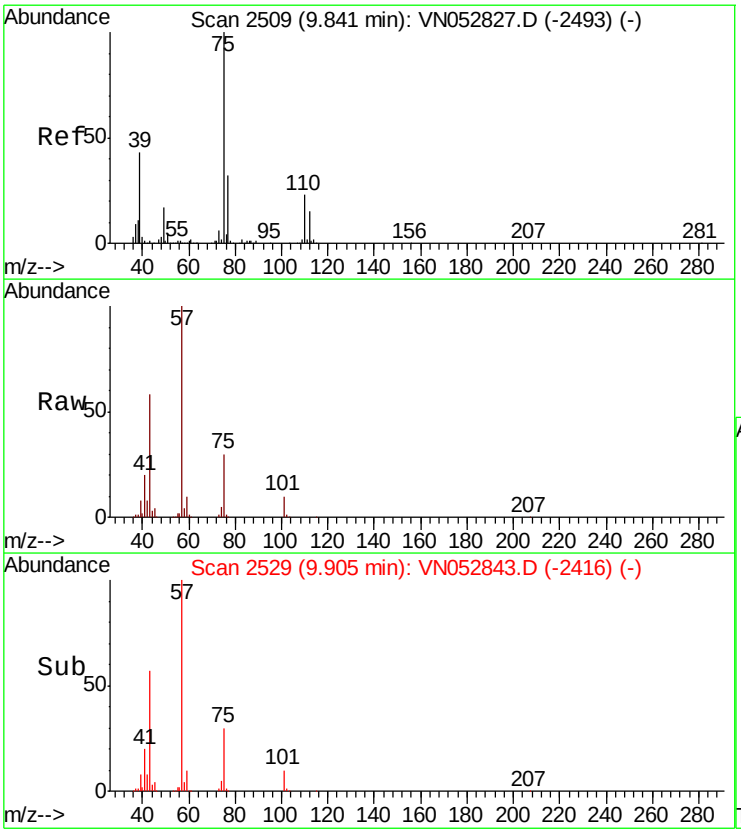
#51
4-Methyl-2-Pentanone
Concen: 2.154 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 43 Resp: 20396

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

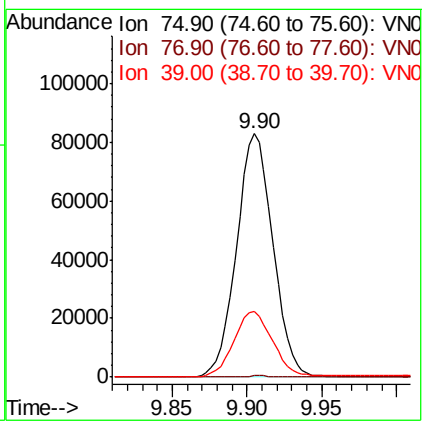


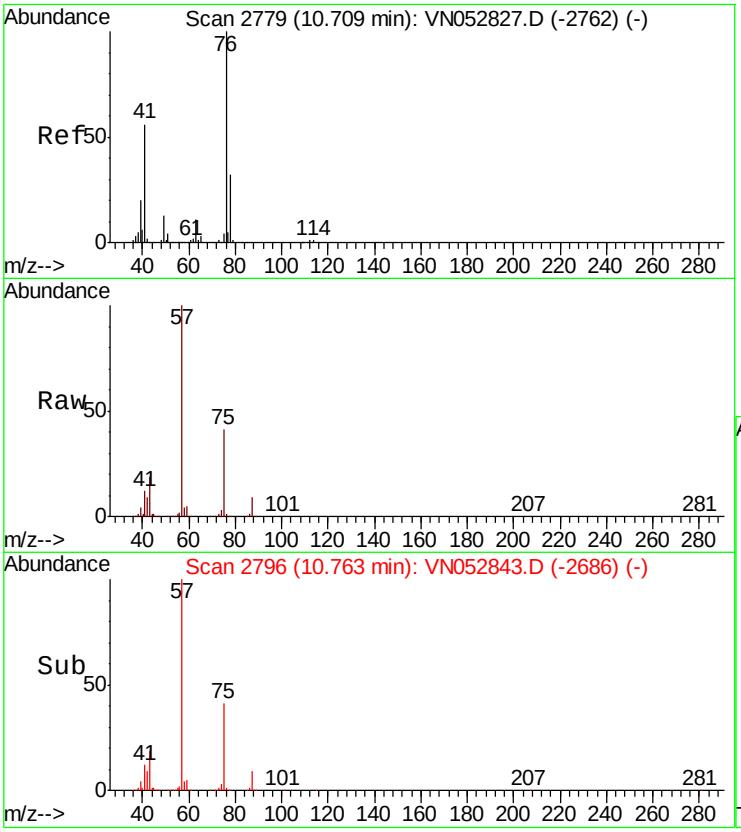


#54
cis-1,3-Dichloropropene
Concen: 7.377 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 75 Resp: 140241

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.8#
39	26.7	34.8	52.2#



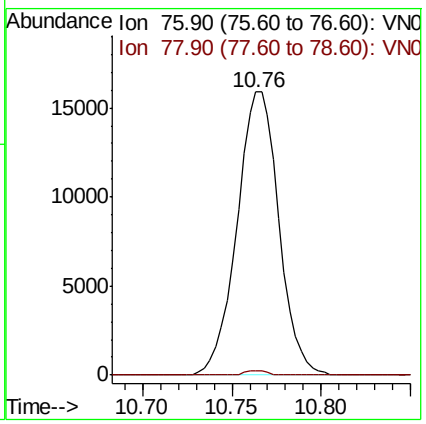


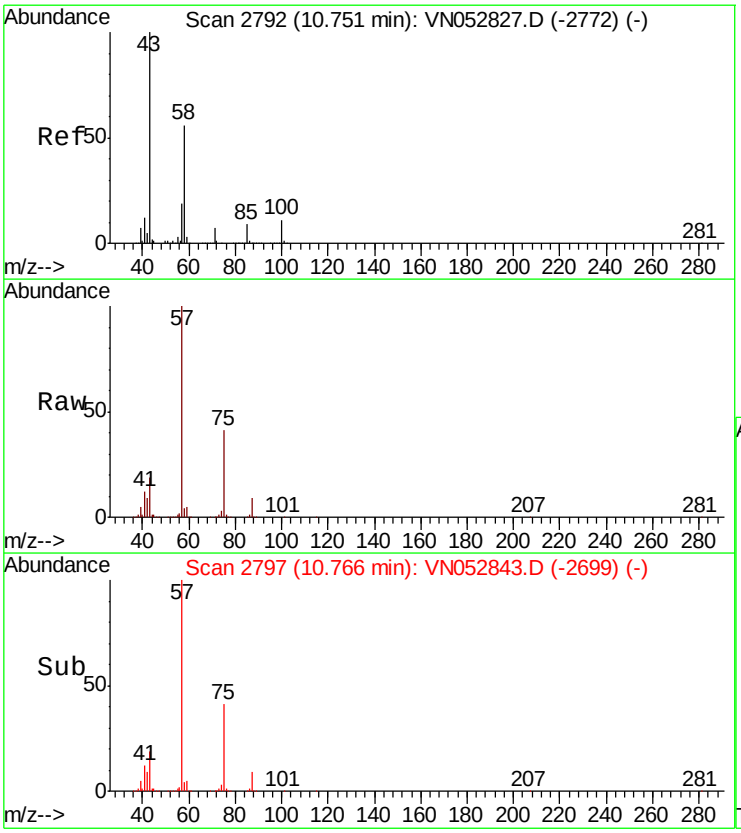
#57
1,3-Dichloropropane
Concen: 1.390 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion: 76 Resp: 25931

Ion	Ratio	Lower	Upper
76	100		
78	0.7	25.8	38.8#

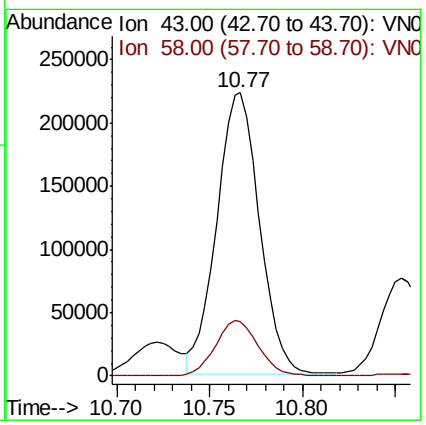


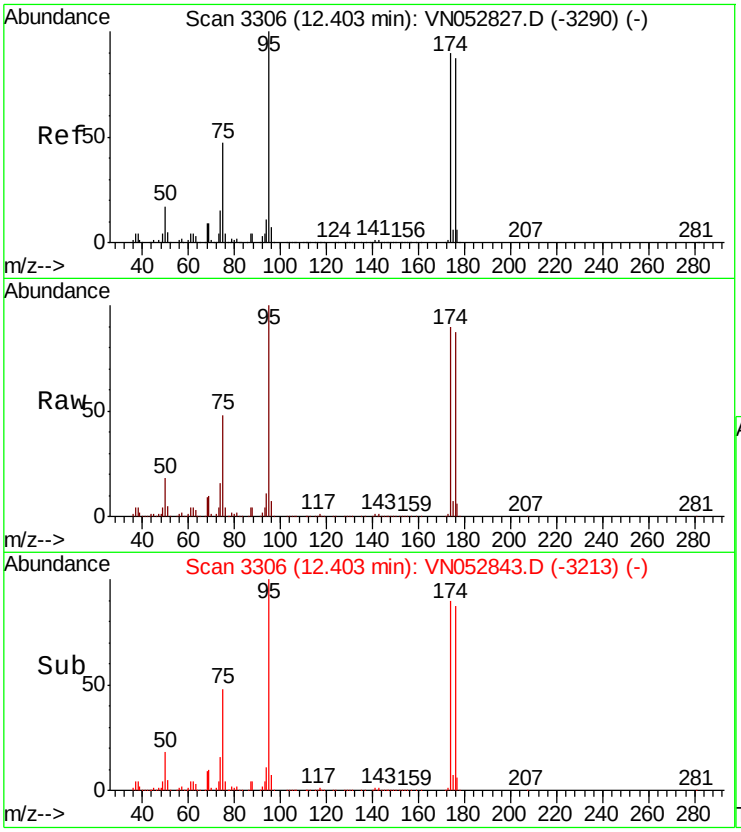


#59
2-Hexanone
Concen: 55.097 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 43 Resp: 357589

Ion	Ratio	Lower	Upper
43	100		
58	19.8	28.1	84.3#



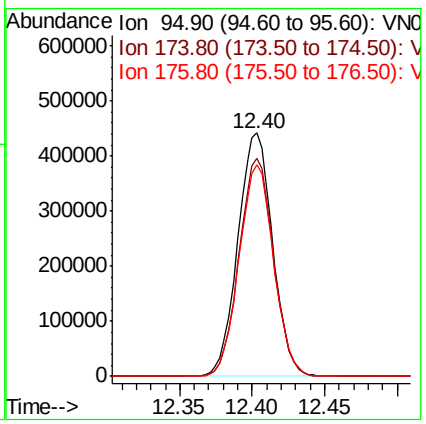


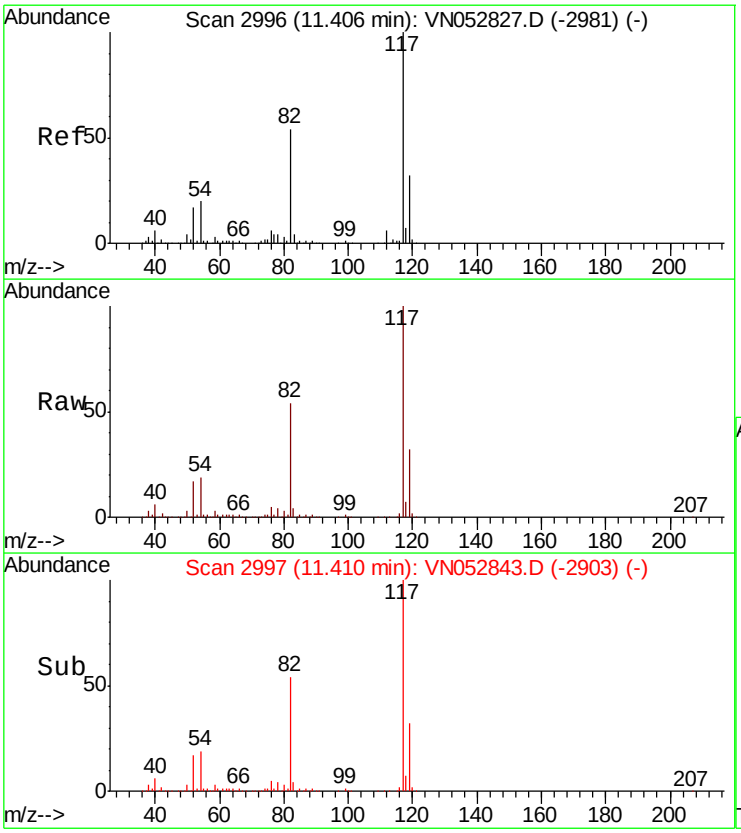
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 95 Resp: 735705

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	178.8
176	86.5	0.0	173.8

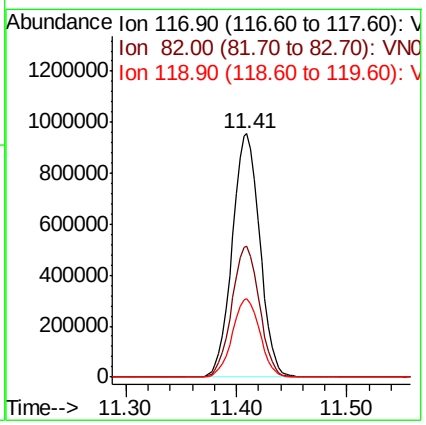


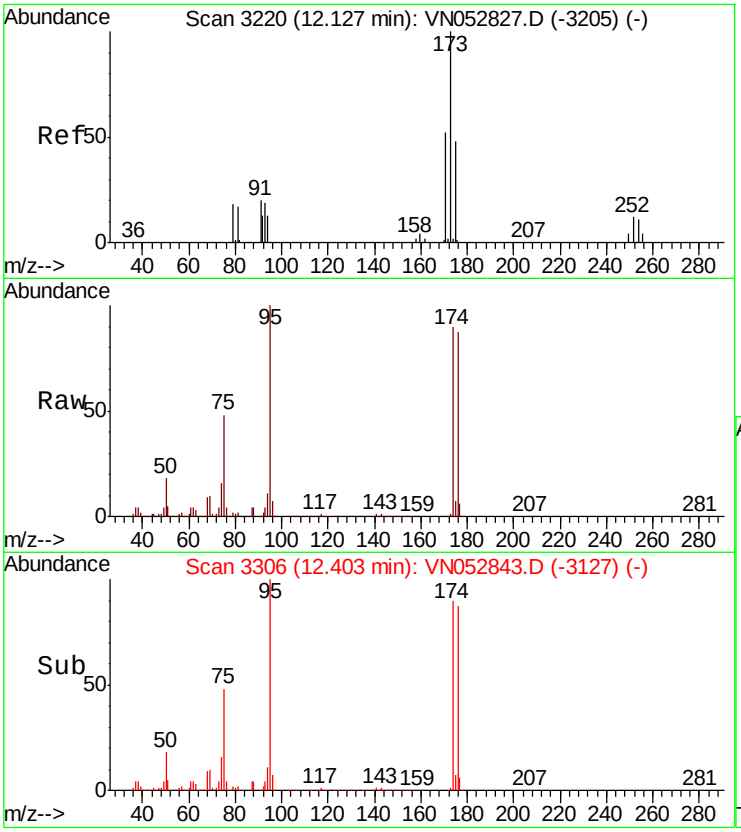


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion:117 Resp: 1651882

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.8	64.2
119	32.1	25.5	38.3



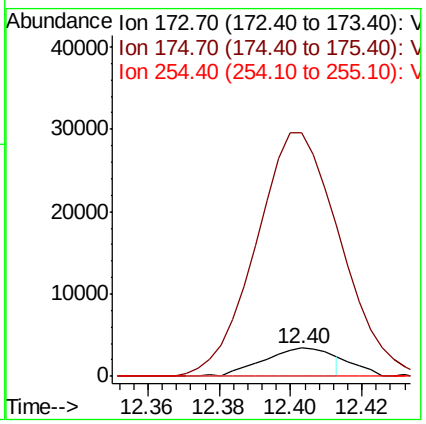


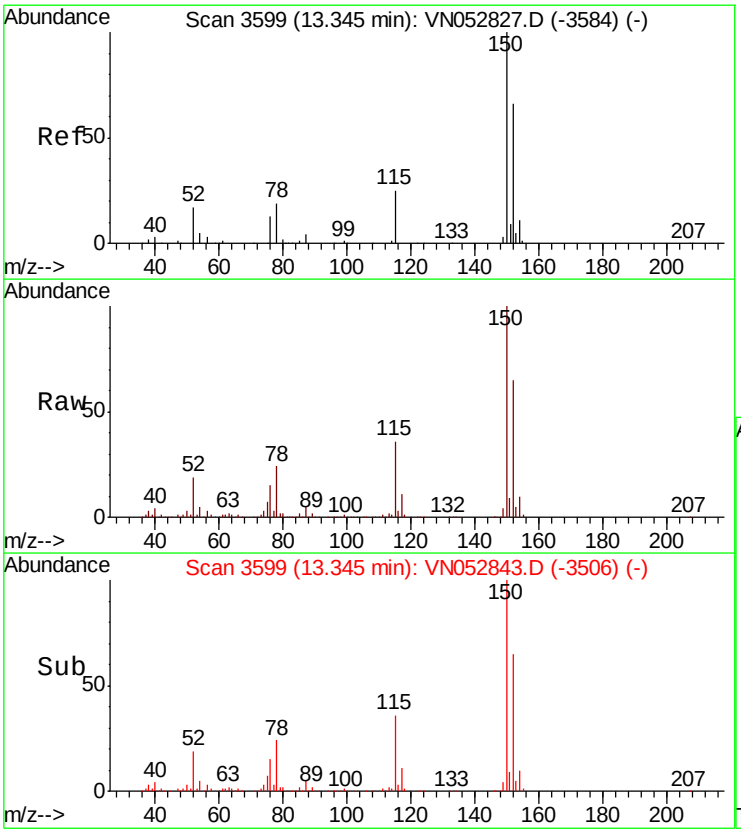
#71
Bromoform
Concen: 0.560 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion:173 Resp: 4535

Ion	Ratio	Lower	Upper
173	100		
175	919.3	24.3	72.9#
254	0.0	0.1	0.1#

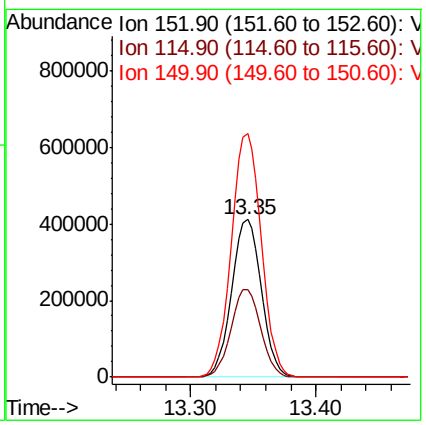


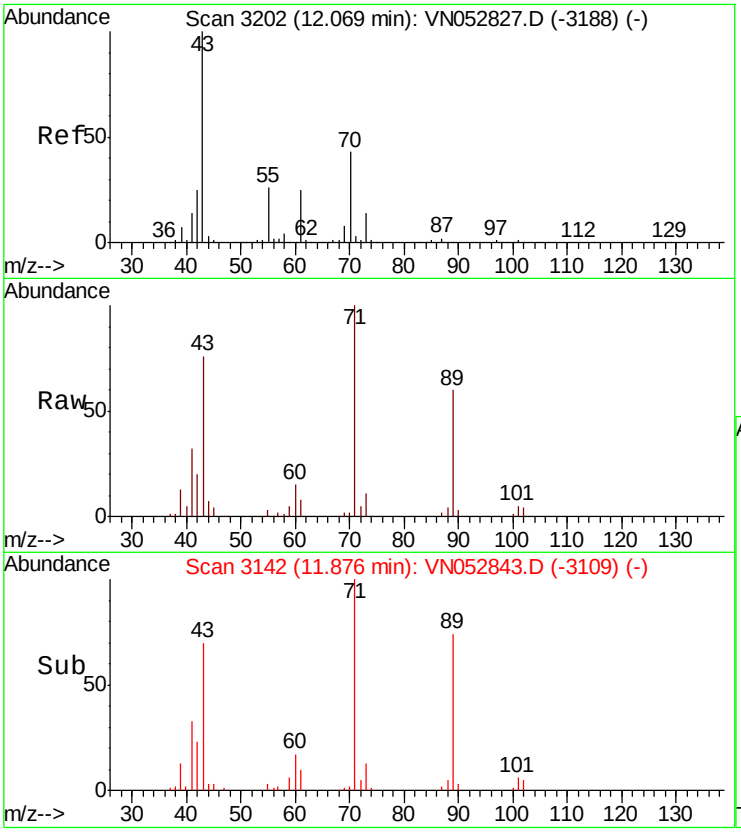


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion:152 Resp: 677089

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.3	85.0
150	156.1	0.0	347.8



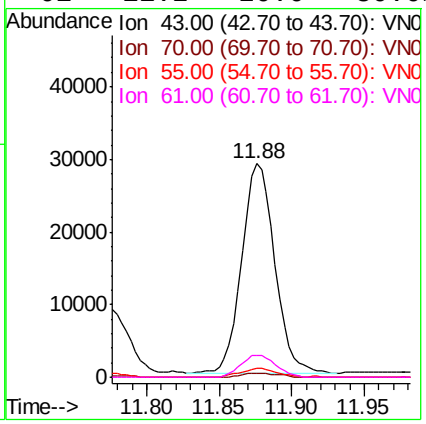


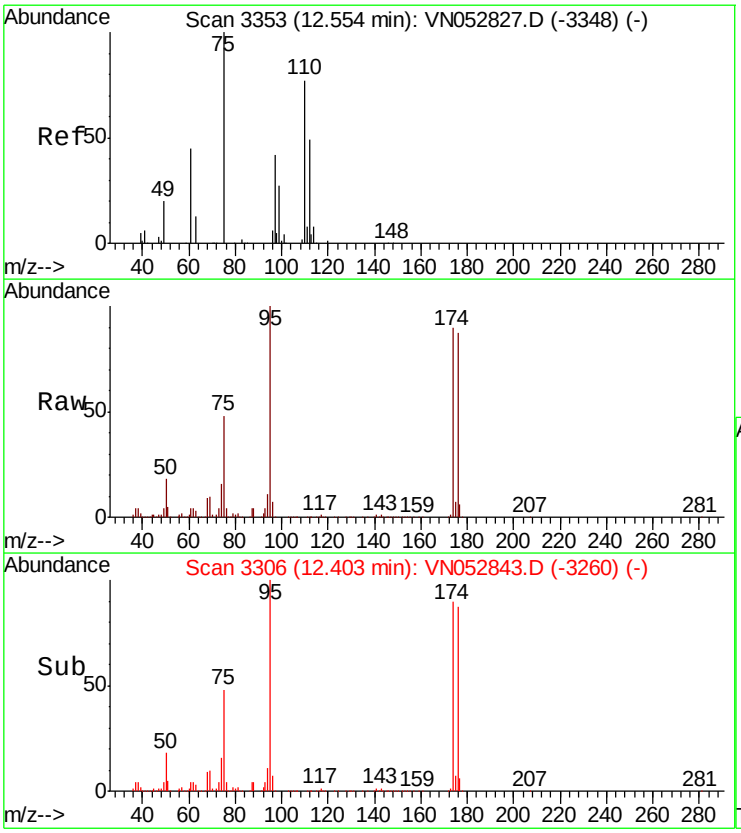
#74
N-amyl acetate
Concen: 3.294 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#07

Tgt Ion: 43 Resp: 45714

Ion	Ratio	Lower	Upper
43	100		
70	2.2	34.2	51.4#
55	4.5	20.3	30.5#
61	11.2	20.0	30.0#

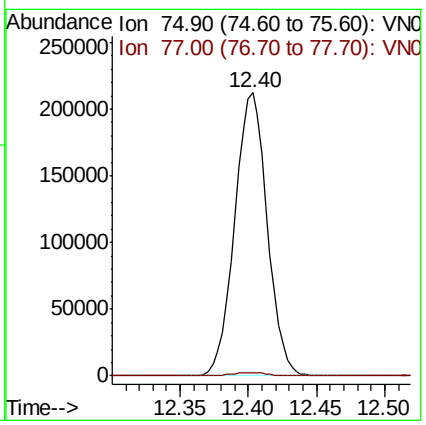


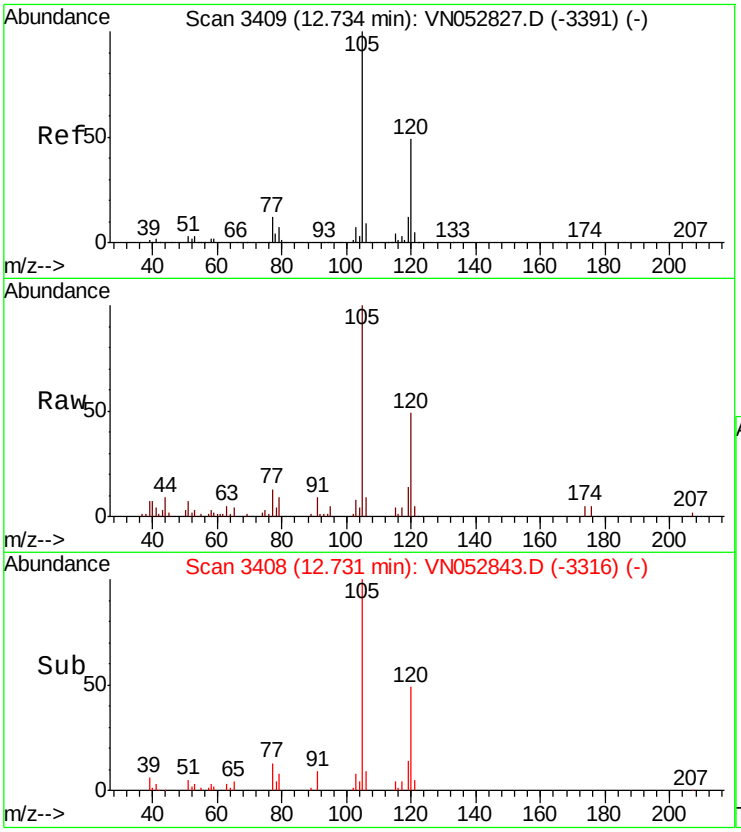


#76
1,2,3-Trichloropropane
Concen: 35.087 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 75 Resp: 350510

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



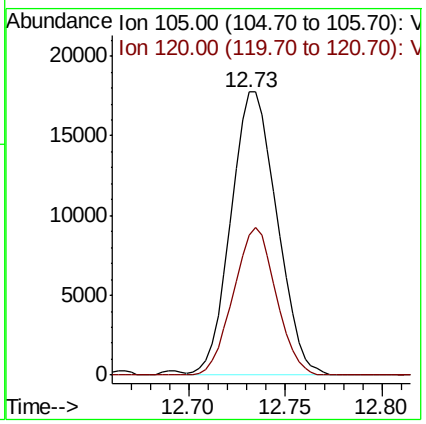


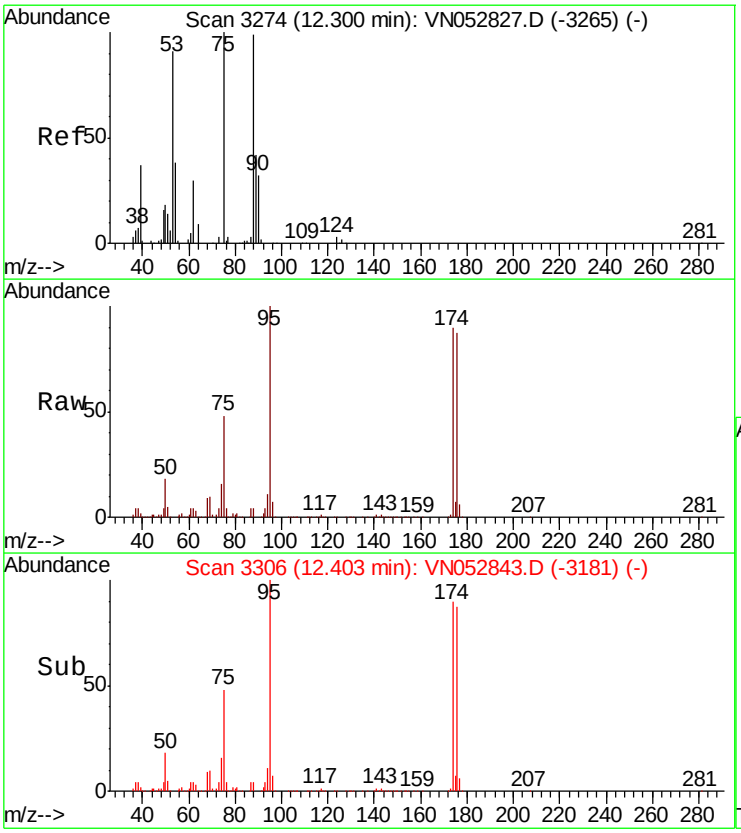
#80
1,3,5-Trimethylbenzene
Concen: 0.720 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#07

Tgt Ion:105 Resp: 29394

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 112.717 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052843.D
Acq: 12 Dec 2018 22:27

Tgt Ion: 75 Resp: 350510

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#