Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052842.D
Acq On : 12 Dec 2018 22:00
Operator : MD\SY
Sample : PB115564ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Quant Time: Dec 13 04:14:48 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	1141563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1566014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	604838	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
35) Dibromofluoromethane	7.59	113	505569	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.96%			
50) Toluene-d8	10.09	98	2178052	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.32%			
62) 4-Bromofluorobenzene	12.40	95	689903	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.70%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	137	0.215	ug/l #	14
16) Acetone	3.82	43	16282	5.973	ug/l	96
18) Methyl Acetate	4.32	43	4614	0.461	ug/l #	80
20) Methylene Chloride	4.55	84	26436	2.155	ug/l	96
25) 2-Butanone	6.85	43	2386	0.564	ug/l #	49
29) Tetrahydrofuran	7.21	42	940	0.326	ug/l #	63
31) Cyclohexane	7.67	56	18658	0.331	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	77548	4.740	ug/l #	48
38) Carbon Tetrachloride	7.67	117	97649	6.485	ug/l #	15
43) Isopropyl Acetate	8.17	43	82771	4.108	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	3888	0.302	ug/l #	44
48) Methyl methacrylate	9.18	41	17979	2.035	ug/l #	12
49) 1,4-Dioxane	9.27	88	380	3.789	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	22941	2.483	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	145550	7.848	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	28087	1.543	ug/l #	42
59) 2-Hexanone	10.76	43	379351	59.910	ug/l #	50
71) Bromoform	12.40	173	3846	0.501	ug/l #	1
74) N-amyl acetate	11.88	43	48339	3.846	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	327237	36.175	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19771	0.535	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	327237	116.212	ug/l #	12

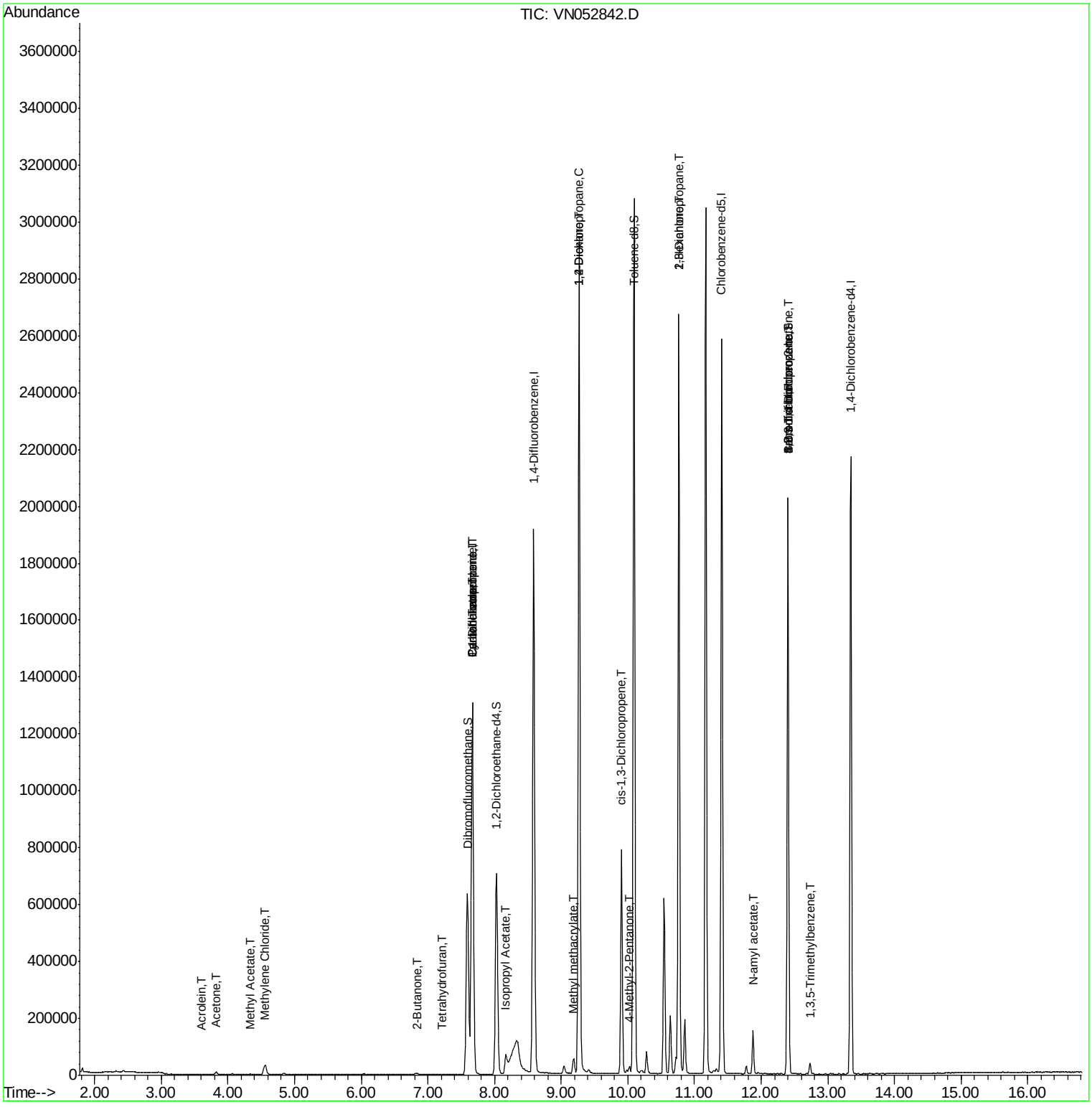
(#) = qualifier out of range (m) = manual integration (+) = signals summed

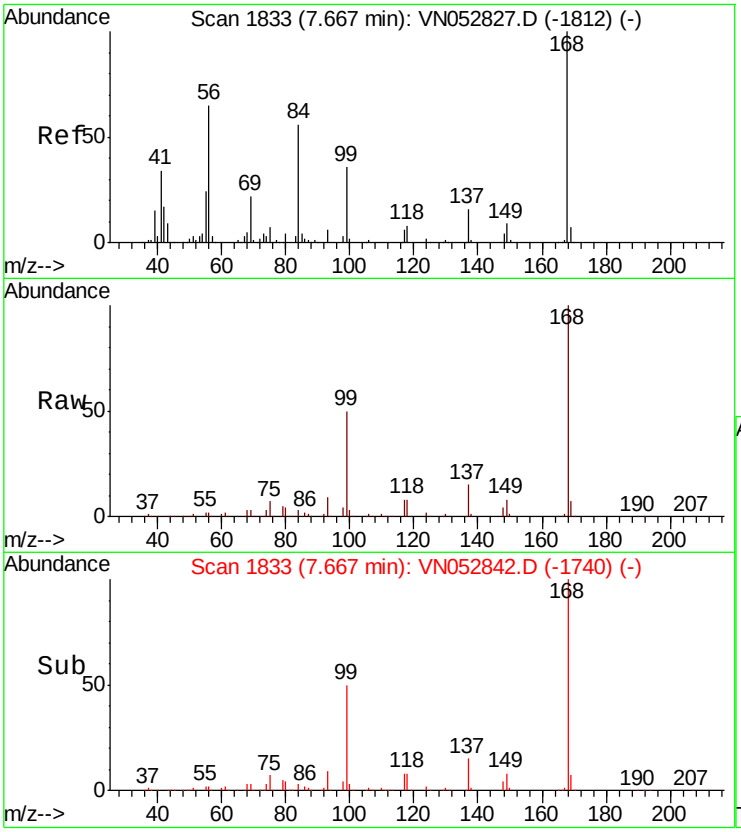
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121218\
Data File : VN052842.D
Acq On : 12 Dec 2018 22:00
Operator : MD\SY
Sample : PB115564ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Quant Time: Dec 13 04:14:48 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

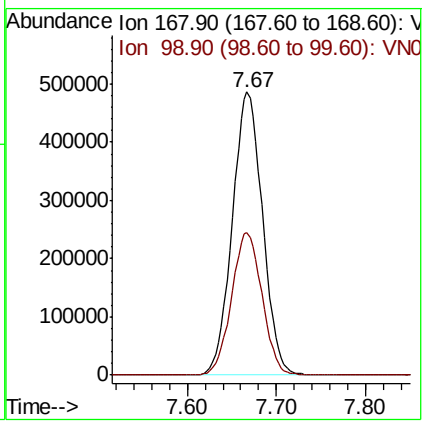




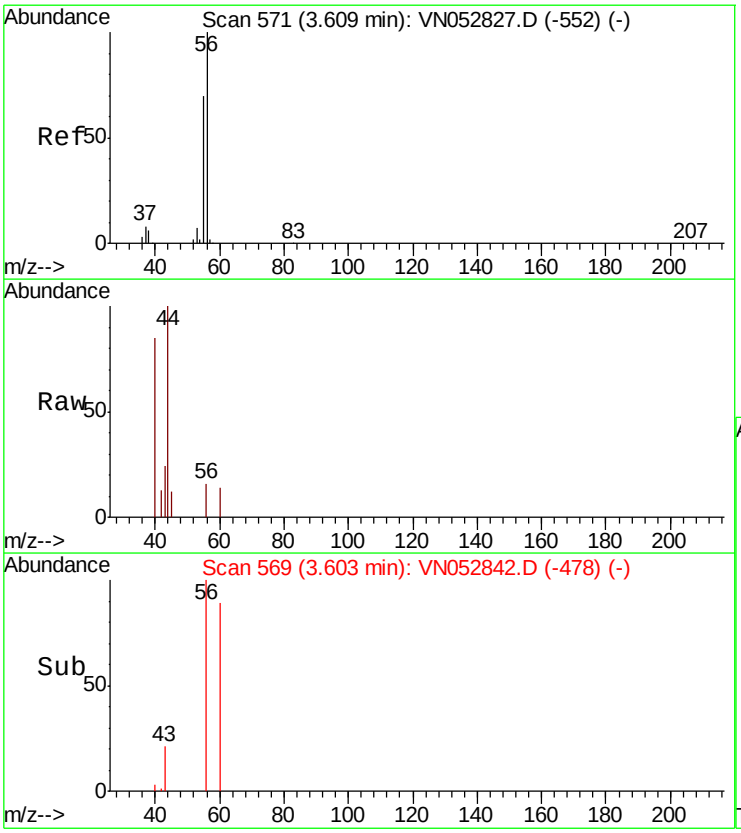
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion:168 Resp: 1141563

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.2	60.2



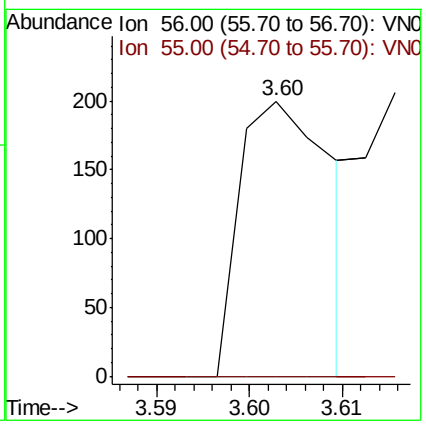
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

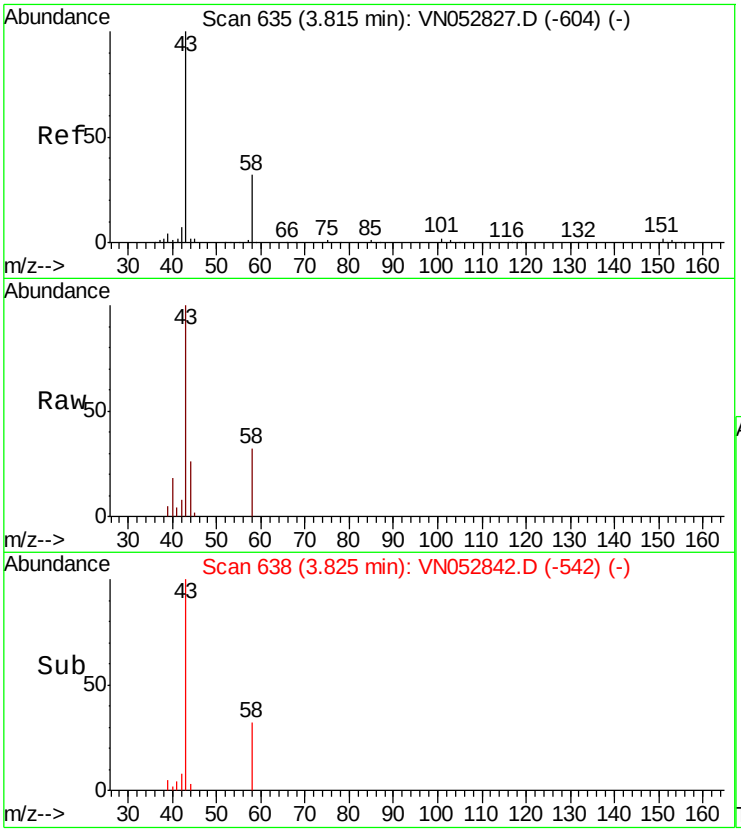


#13
Acrolein
Concen: 0.215 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 56 Resp: 137

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#

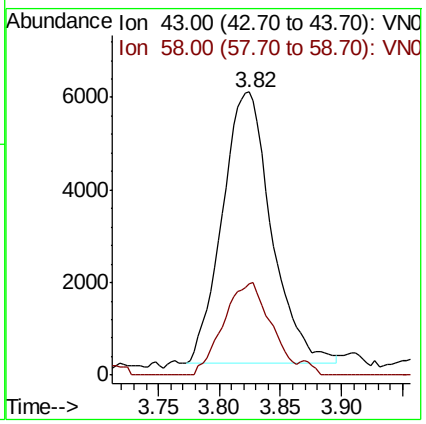




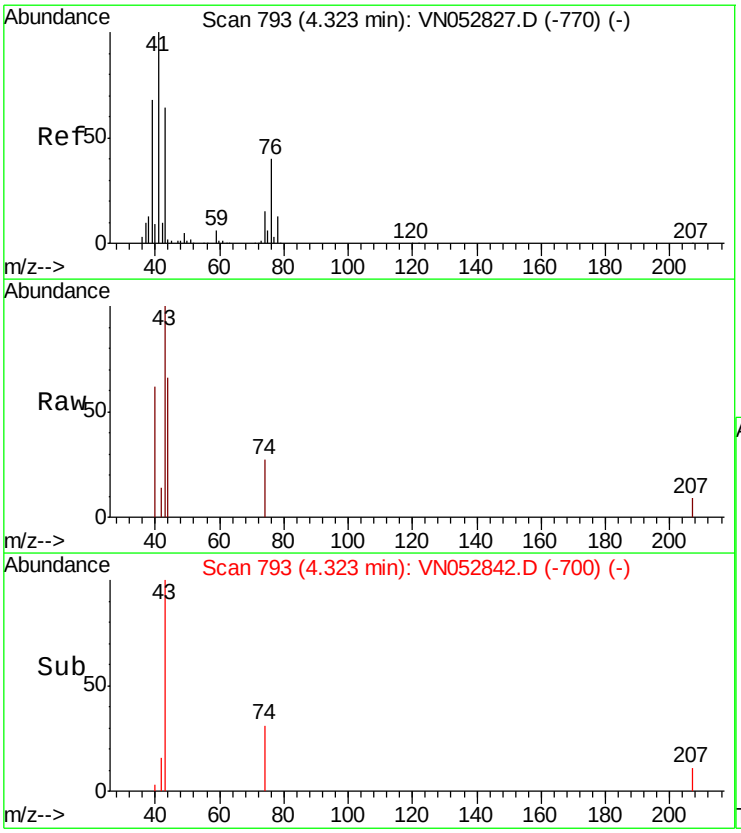
#16
Acetone
Concen: 5.973 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 43 Resp: 16282

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.4	38.0



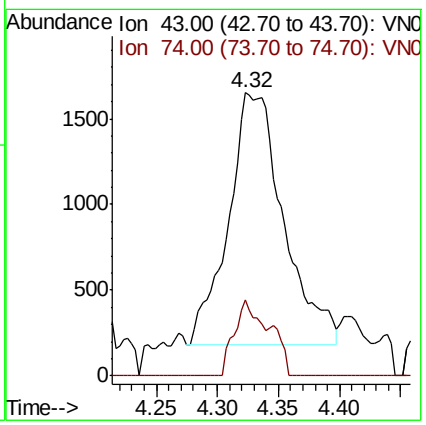
Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

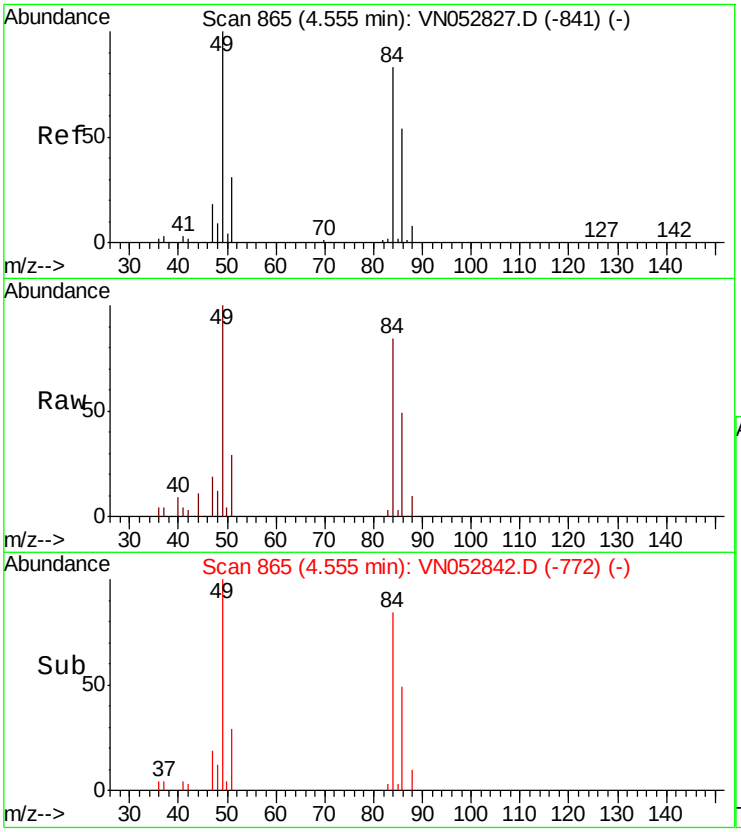


#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 43 Resp: 4614

Ion	Ratio	Lower	Upper
43	100		
74	13.9	19.2	28.8#



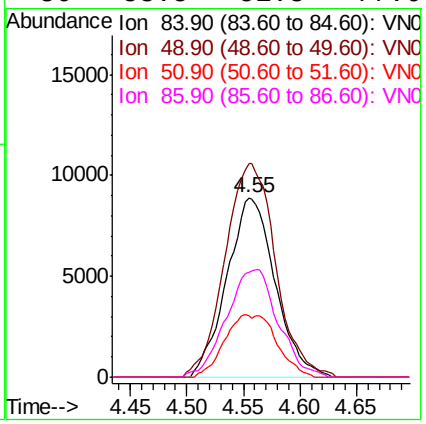


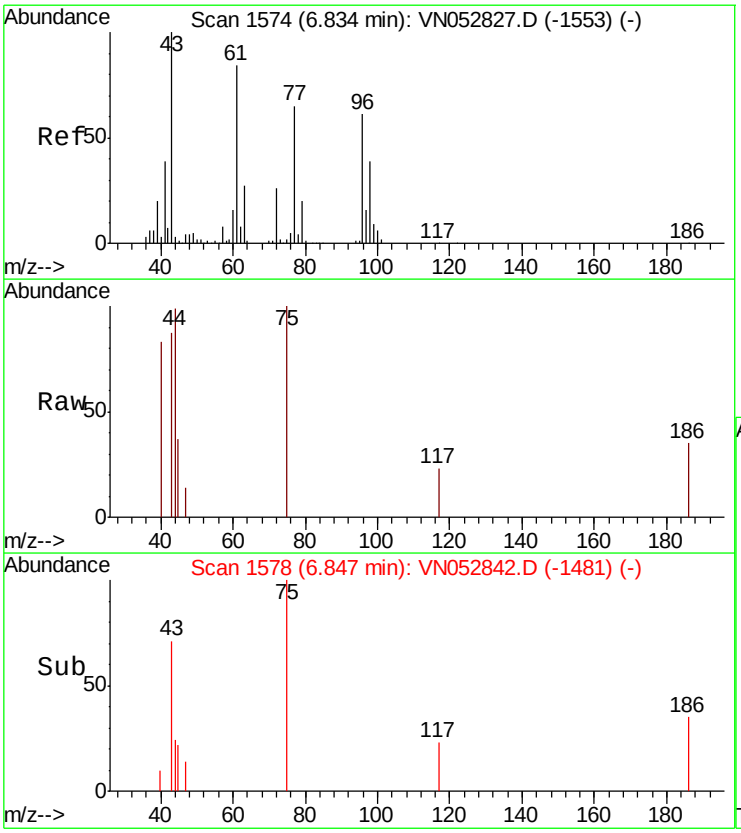
#20
Methylene Chloride
Concen: 2.155 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion: 84 Resp: 26436

Ion	Ratio	Lower	Upper
84	100		
49	119.0	96.8	145.2
51	33.9	29.9	44.9
86	58.5	51.8	77.6

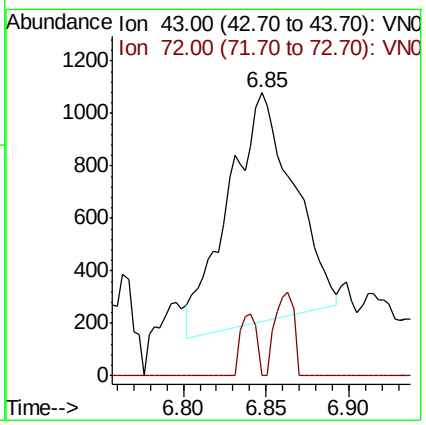


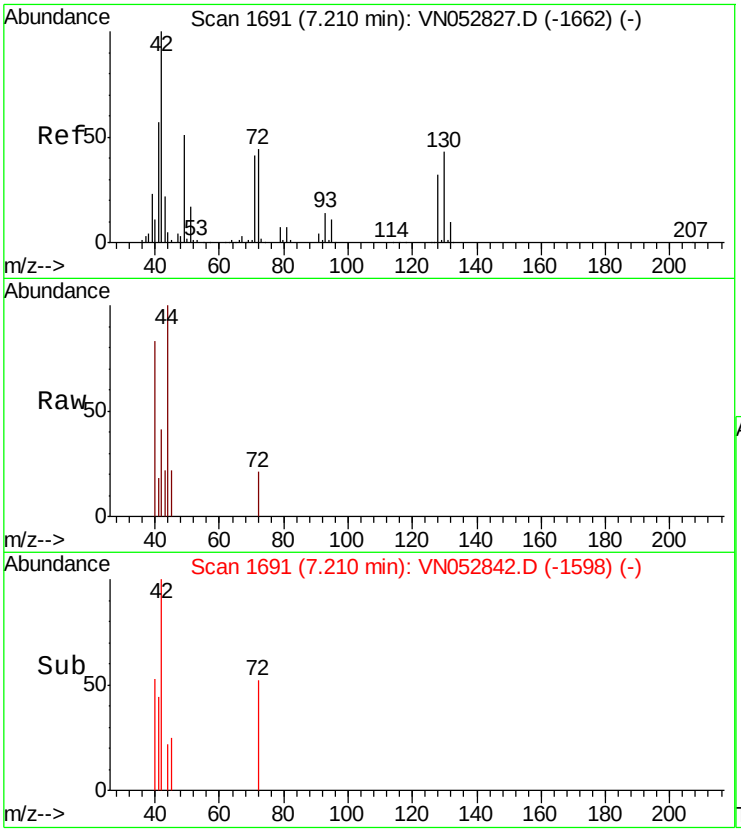


#25
2-Butanone
Concen: 0.564 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 43 Resp: 2386

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



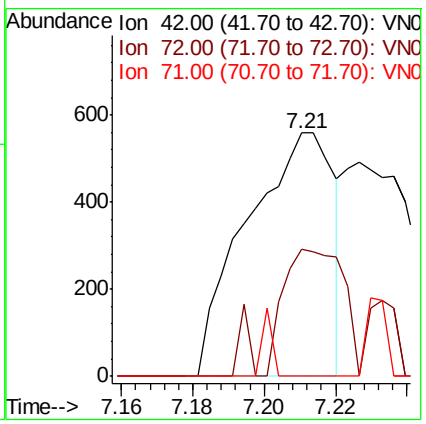


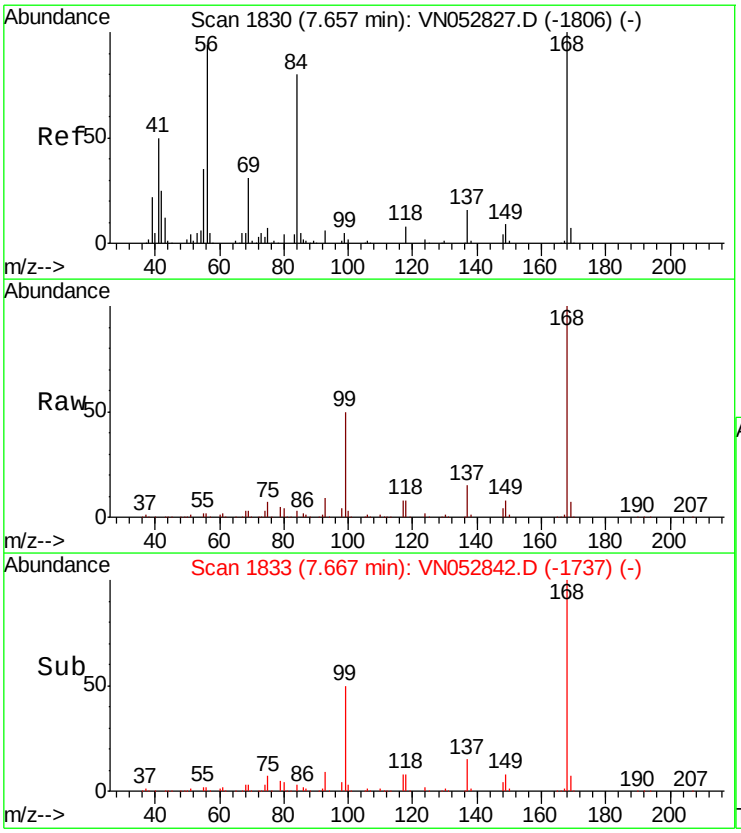
#29
Tetrahydrofuran
Concen: 0.326 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion: 42 Resp: 940

Ion	Ratio	Lower	Upper
42	100		
72	36.0	34.7	52.1
71	0.0	32.3	48.5#

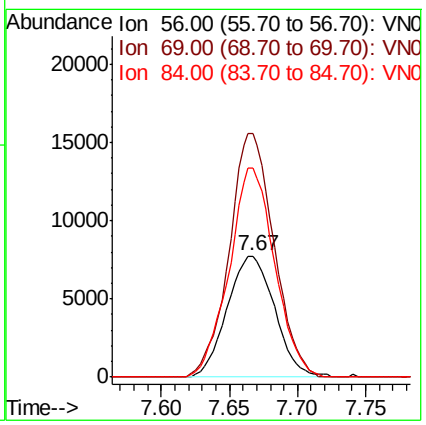


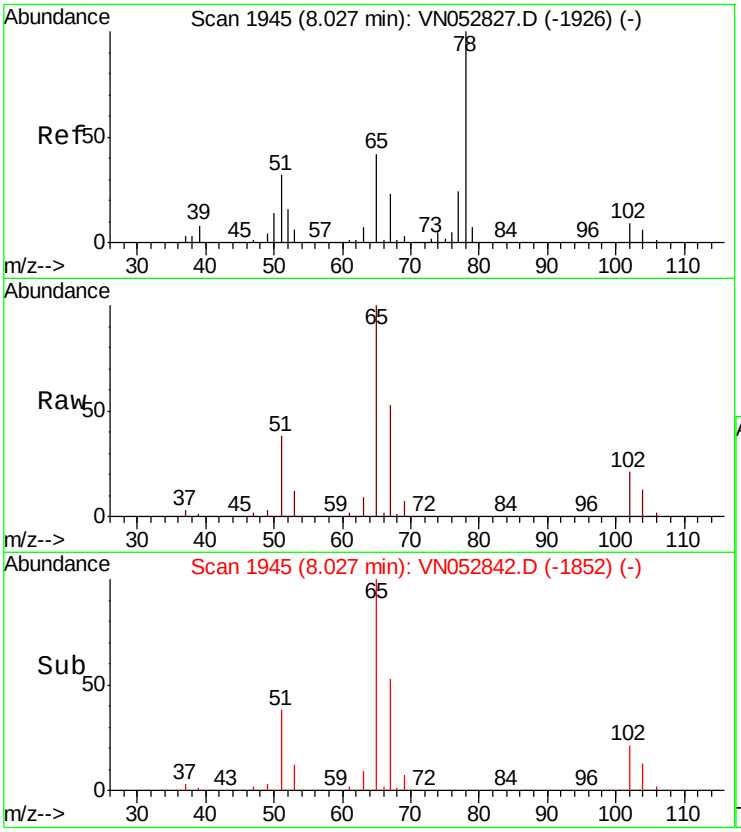


#31
Cyclohexane
Concen: 0.331 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 56 Resp: 18658

Ion	Ratio	Lower	Upper
56	100		
69	200.9	26.6	39.8#
84	172.8	68.4	102.6#



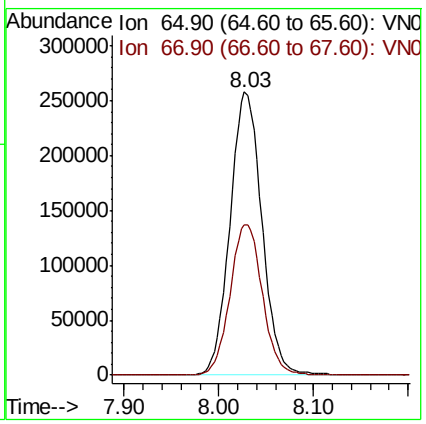


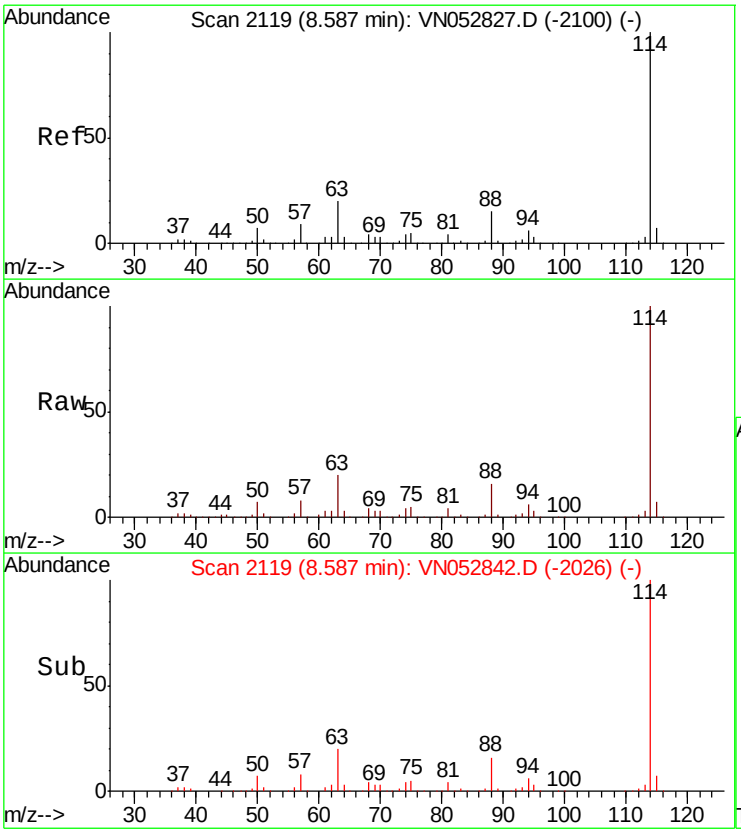
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion: 65 Resp: 604838

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.4

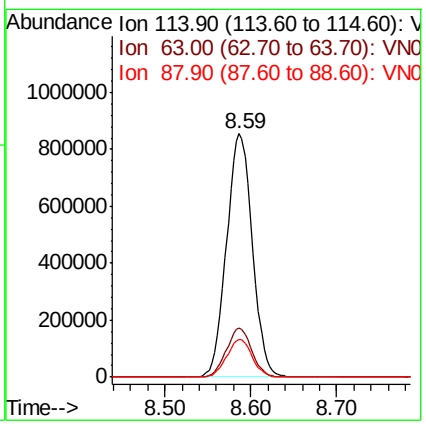


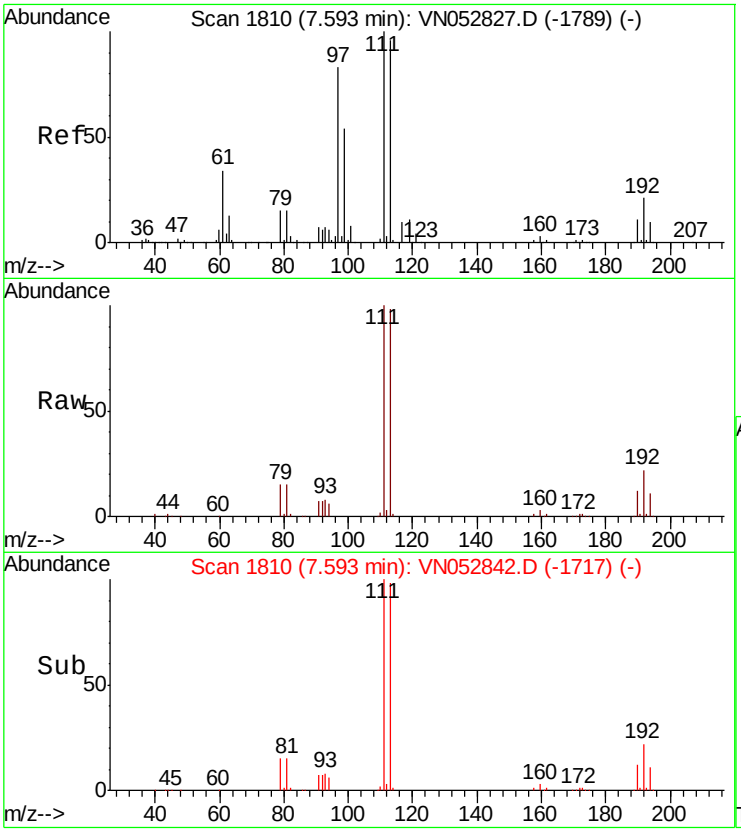


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion:114 Resp: 1776544

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.8
88	15.5	0.0	31.0



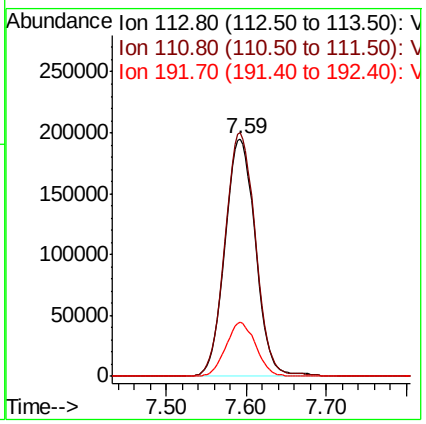


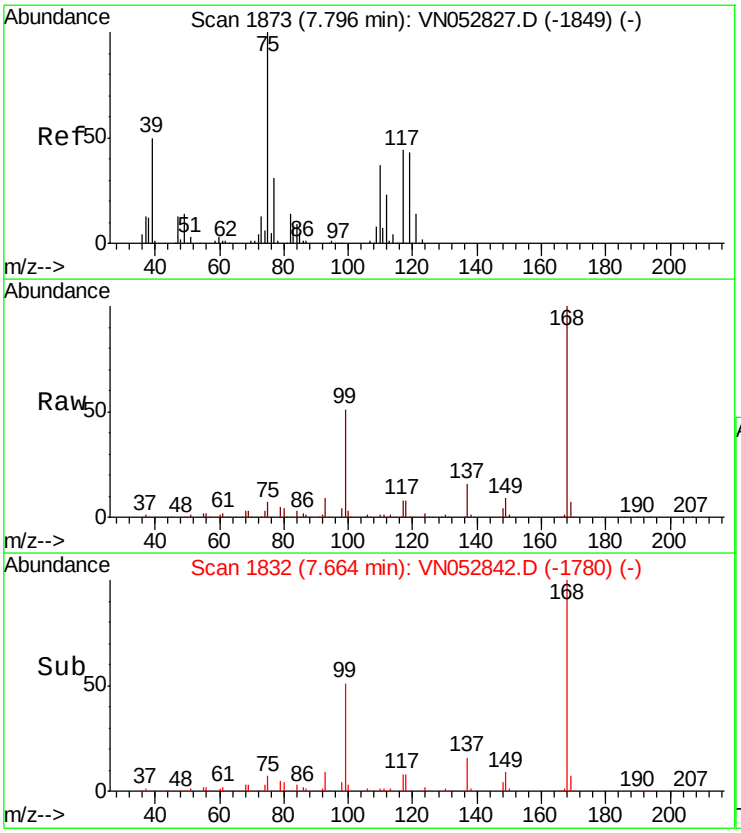
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion:113 Resp: 505569

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	22.3	17.5	26.3

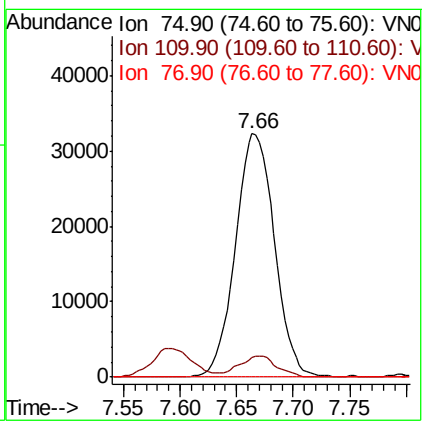


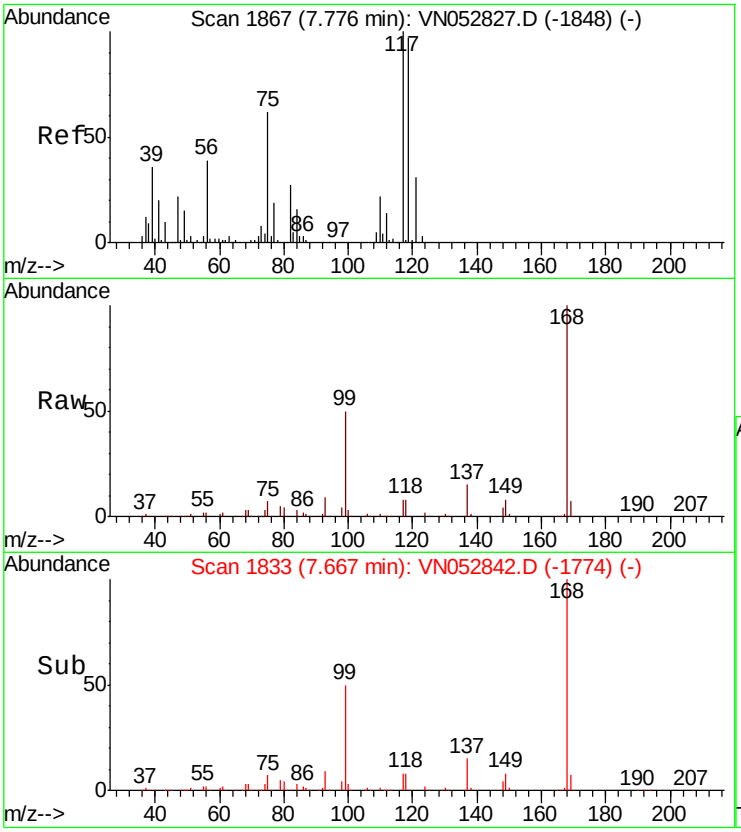


#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 75 Resp: 77548

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



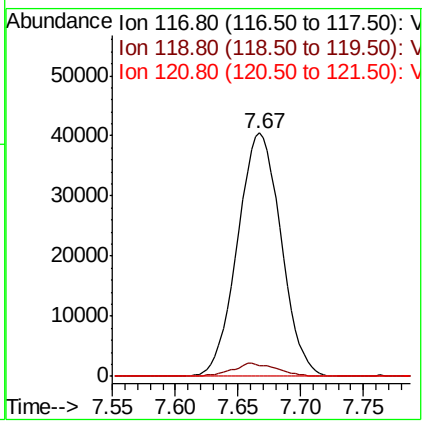


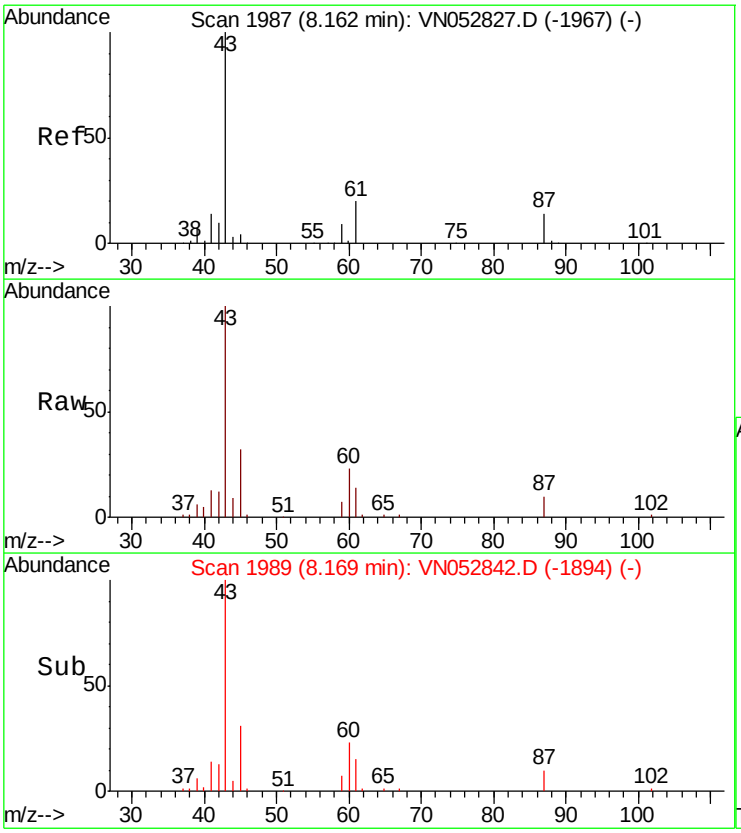
#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion:117 Resp: 97649

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.1	115.7#
121	0.0	24.9	37.3#

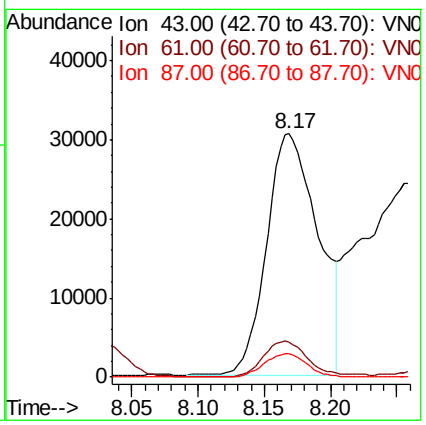


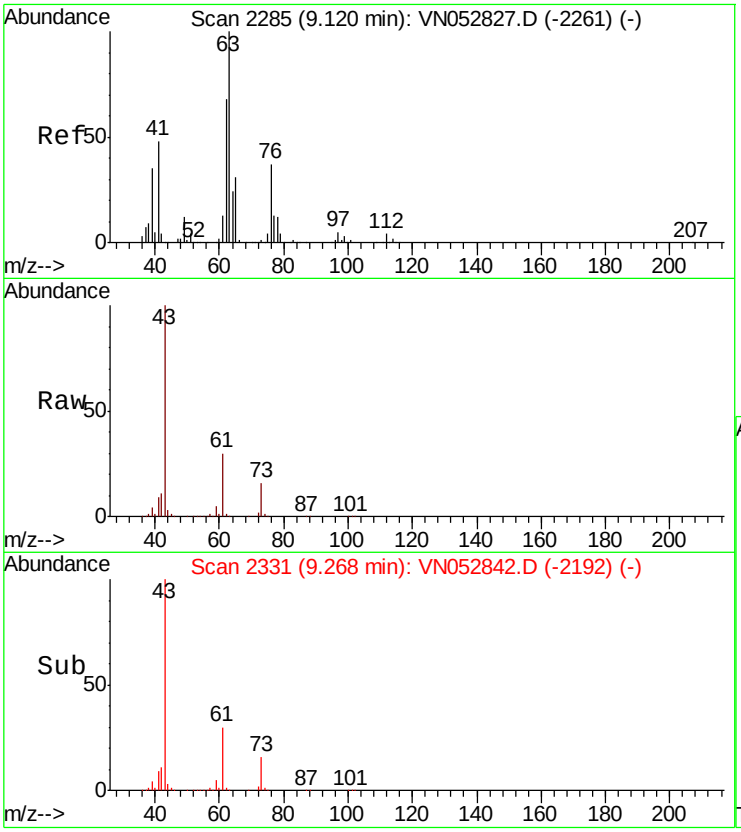


#43
Isopropyl Acetate
Concen: 4.108 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 43 Resp: 82771

Ion	Ratio	Lower	Upper
43	100		
61	12.8	22.9	34.3#
87	8.0	10.6	15.8#



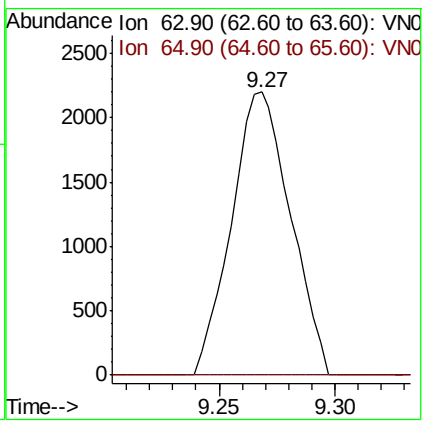


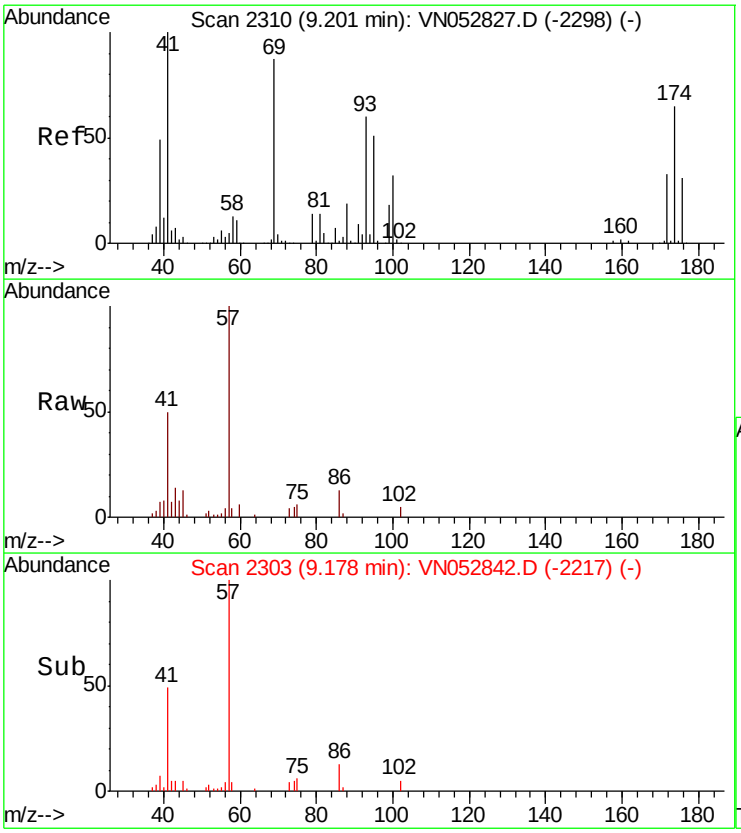
#45
1,2-Dichloropropane
Concen: 0.302 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion: 63 Resp: 3888

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

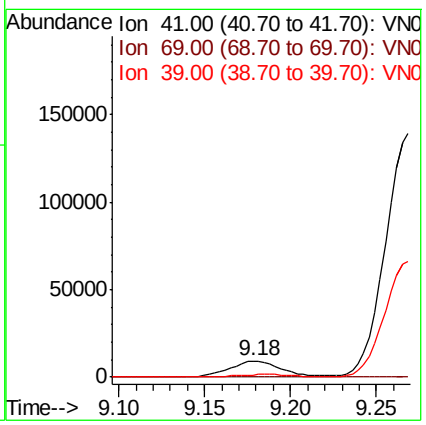


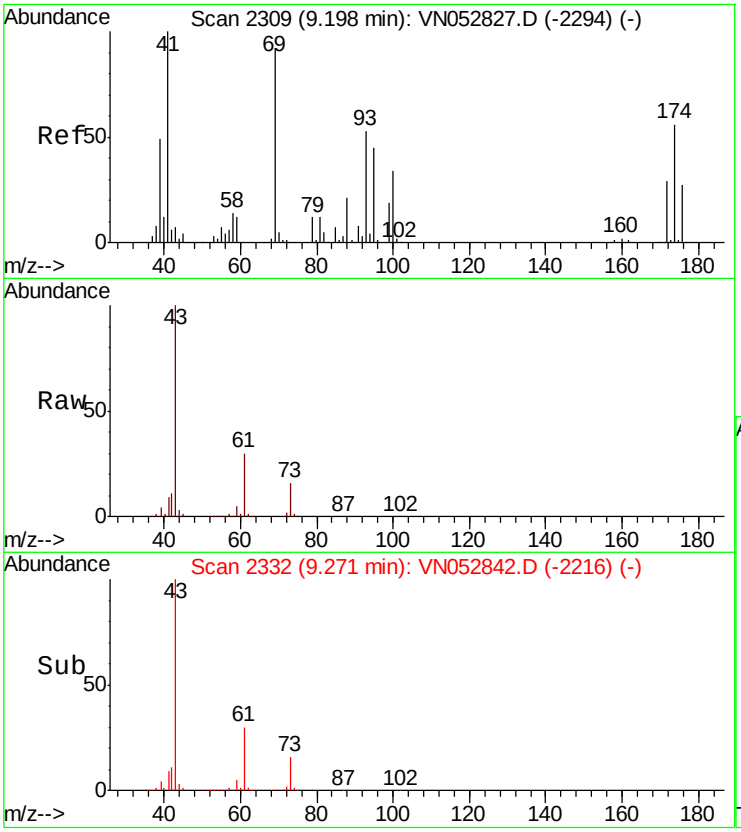


#48
Methyl methacrylate
Concen: 2.035 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 41 Resp: 17979

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



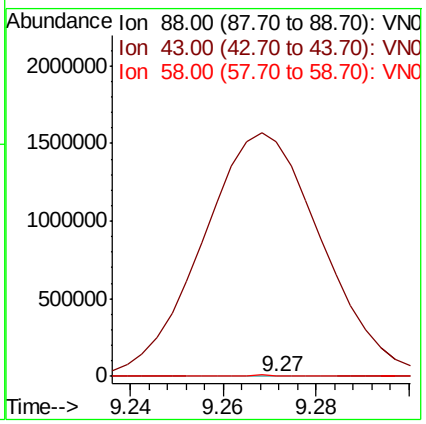


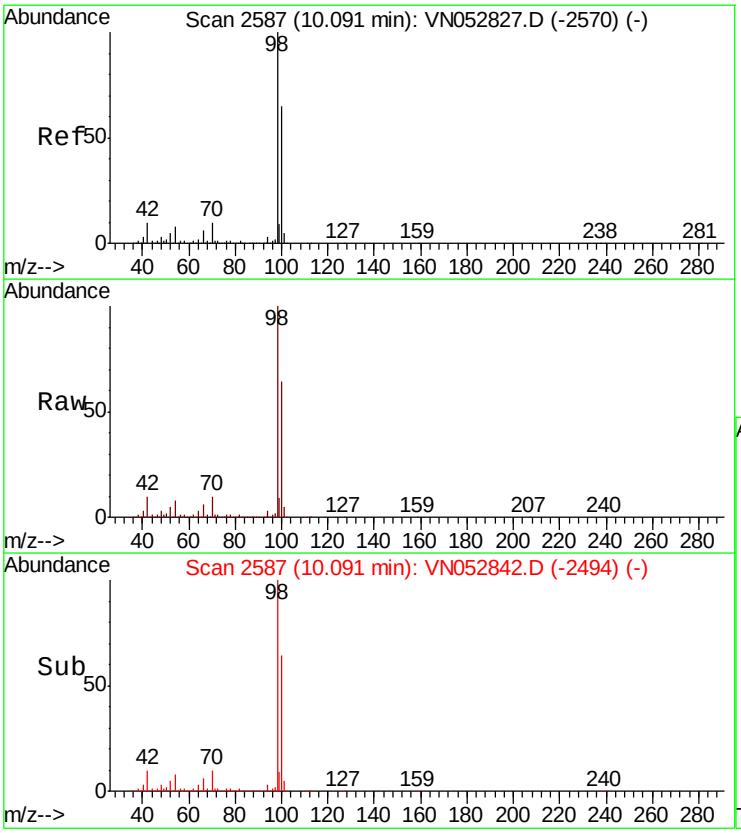
#49
1,4-Dioxane
Concen: 3.789 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion: 88 Resp: 380

Ion	Ratio	Lower	Upper
88	100		
43	753227.9	26.6	40.0#
58	3446.8	58.4	87.6#

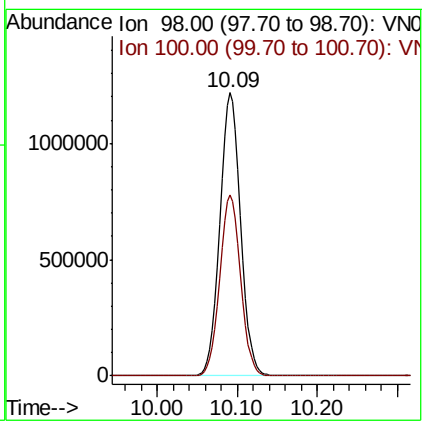


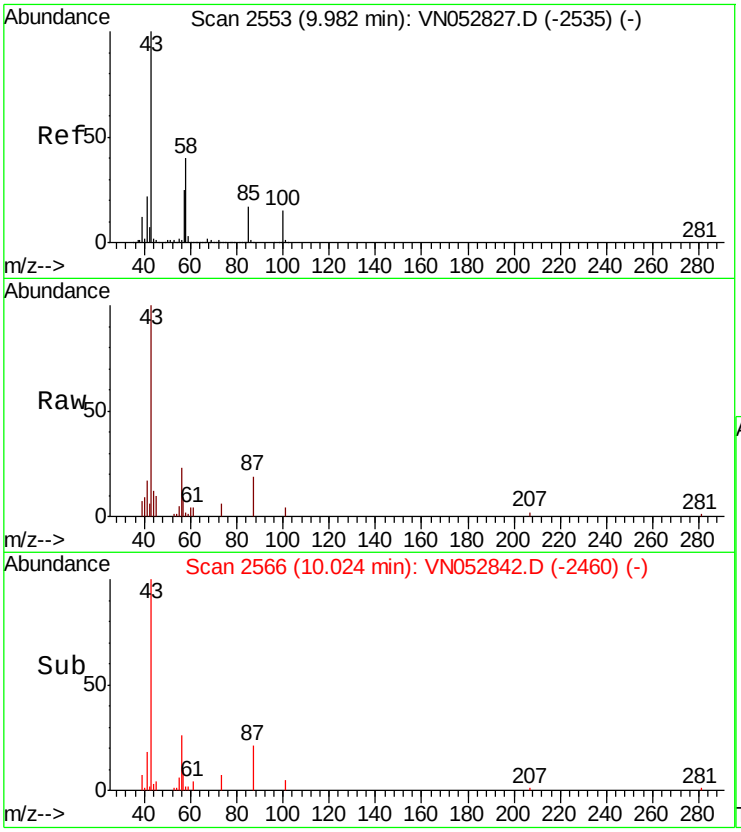


#50
Toluene-d8
Concen: 3.789 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 98 Resp: 2178052

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4



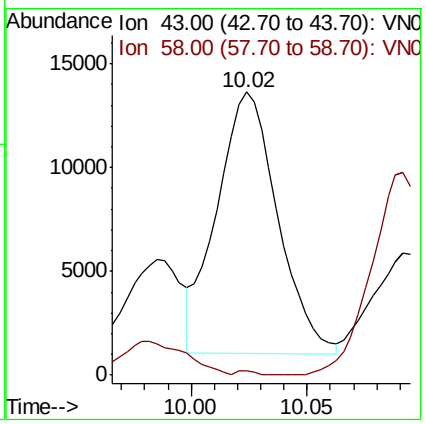


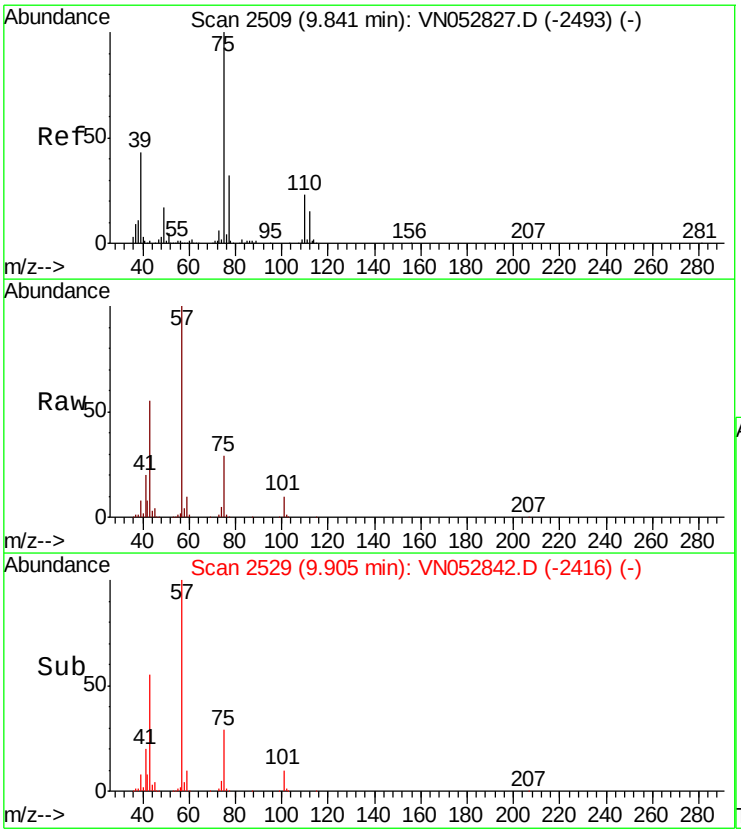
#51
4-Methyl-2-Pentanone
Concen: 2.483 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion: 43 Resp: 22941

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#

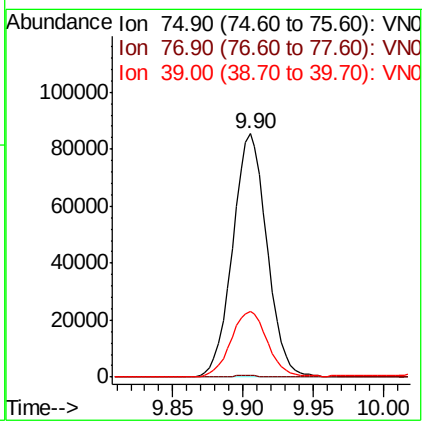


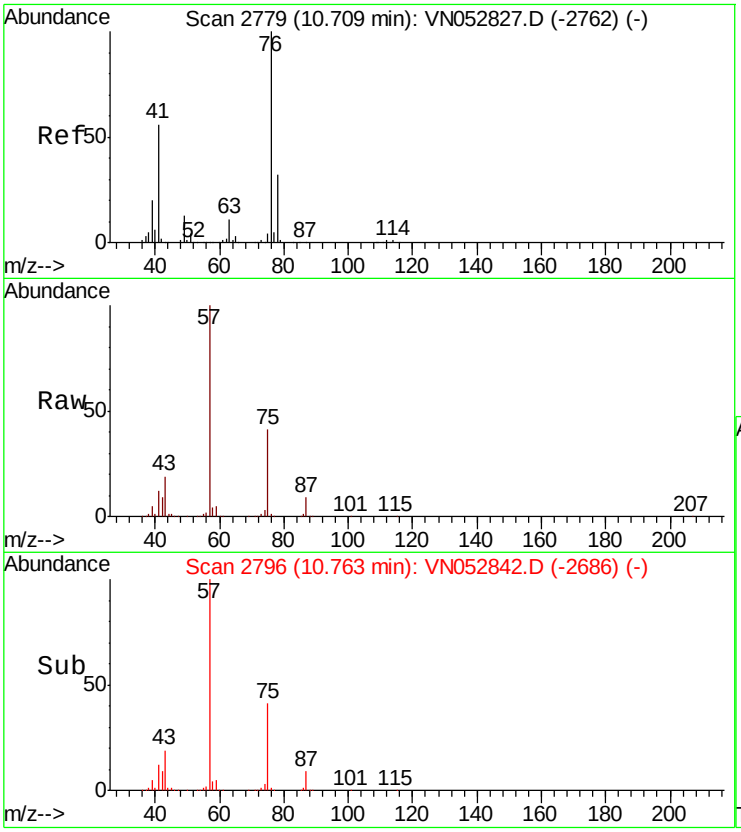


#54
cis-1,3-Dichloropropene
Concen: 7.848 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 75 Resp: 145550

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.8#
39	26.9	34.8	52.2#



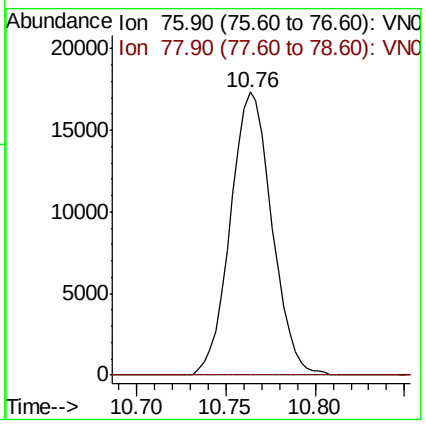


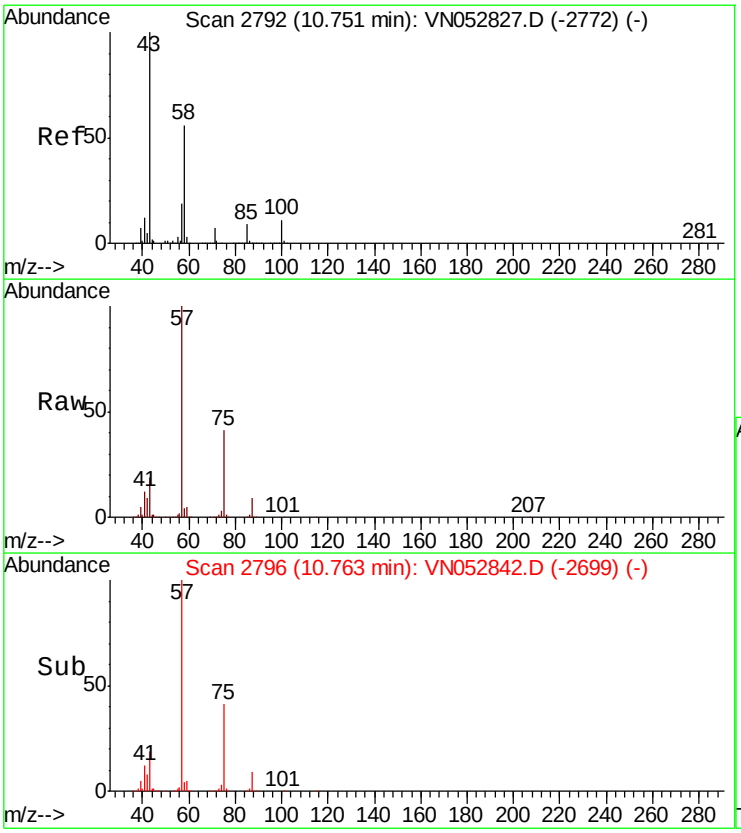
#57
1,3-Dichloropropane
Concen: 1.543 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion: 76 Resp: 28087

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

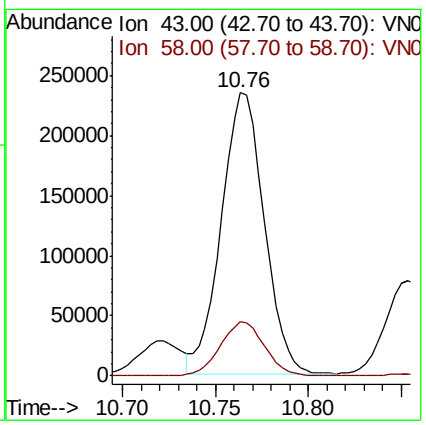


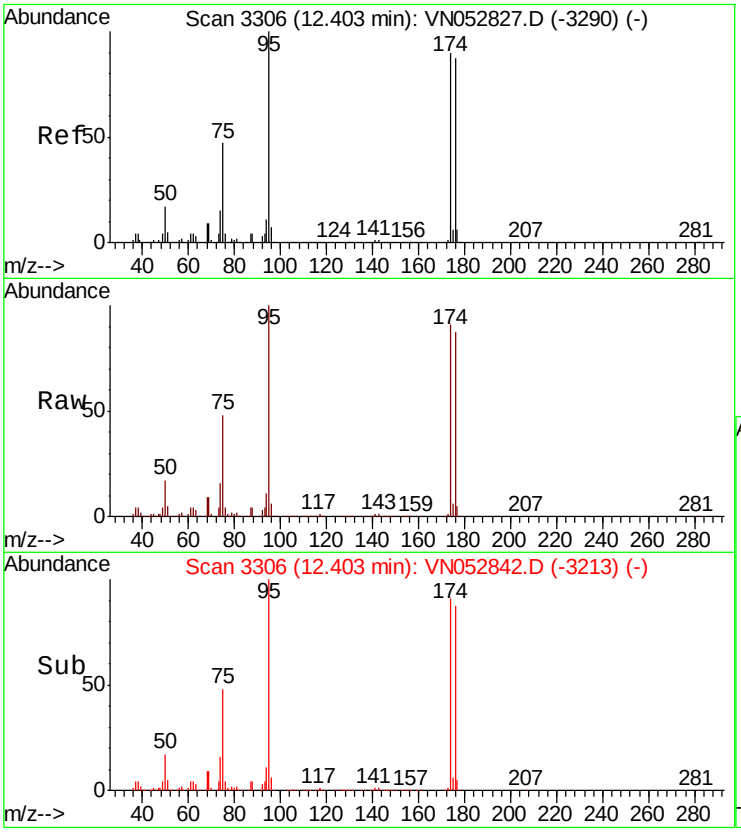


#59
2-Hexanone
Concen: 59.910 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 43 Resp: 379351

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.1	84.3#



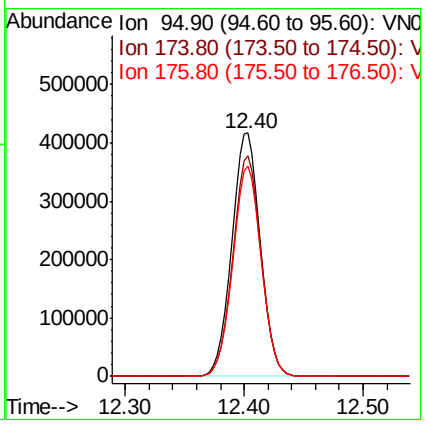


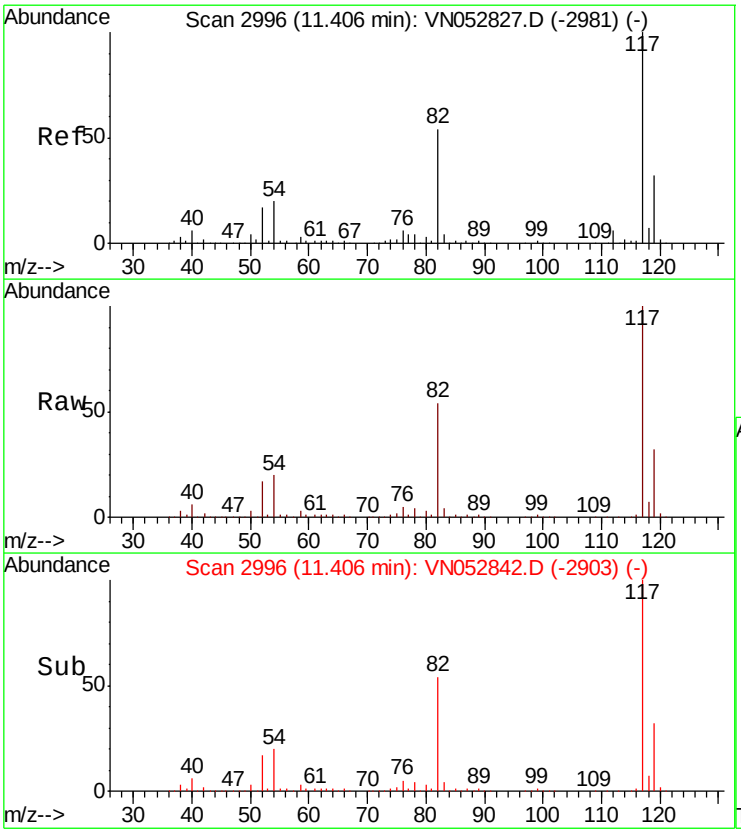
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion: 95 Resp: 689903

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	178.8
176	86.2	0.0	173.8

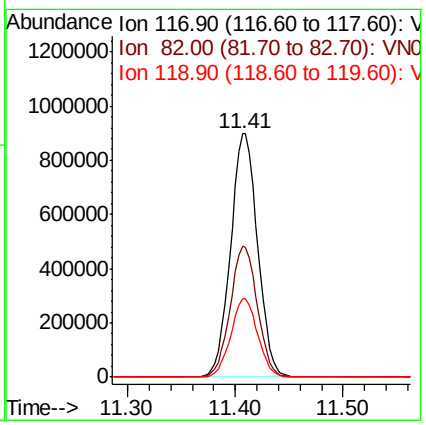


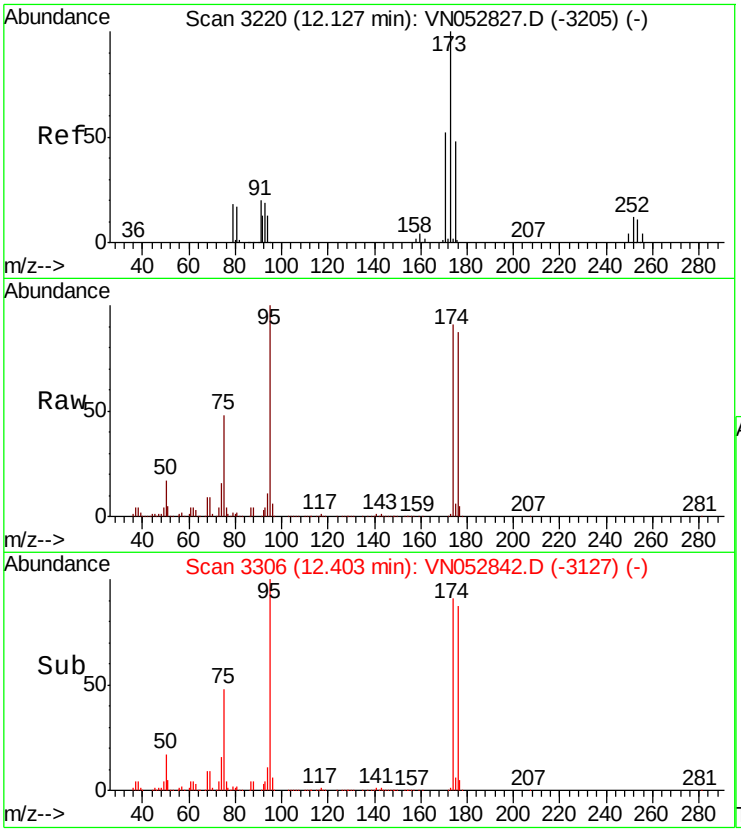


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion:117 Resp: 1566014

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	32.3	25.5	38.3



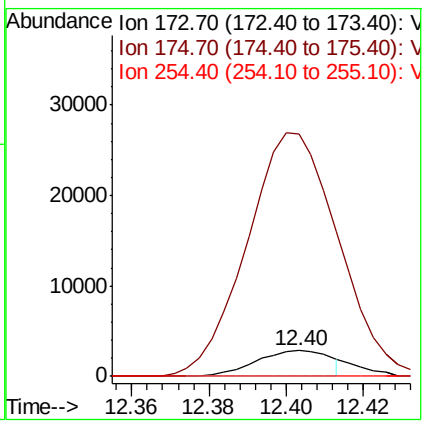


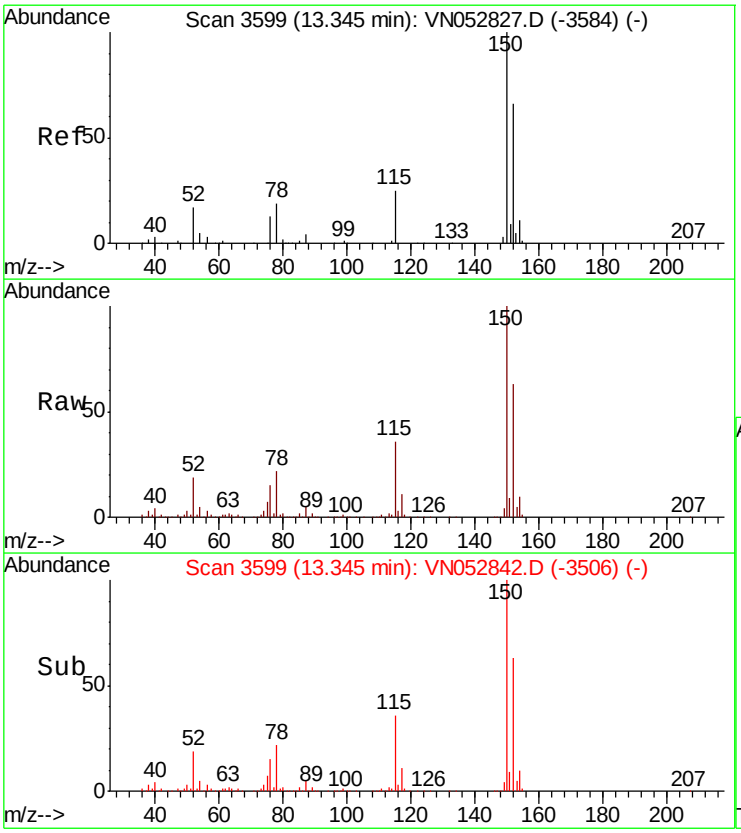
#71
Bromoform
Concen: 0.501 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion:173 Resp: 3846

Ion	Ratio	Lower	Upper
173	100		
175	1008.7	24.3	72.9#
254	0.0	0.1	0.1#

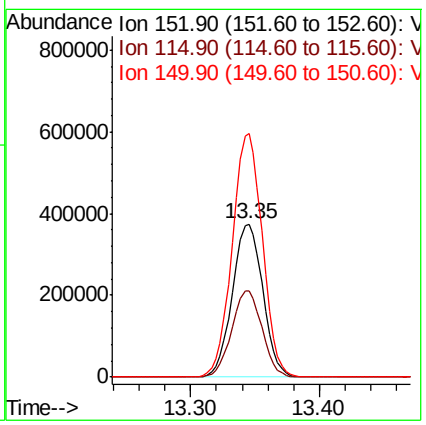


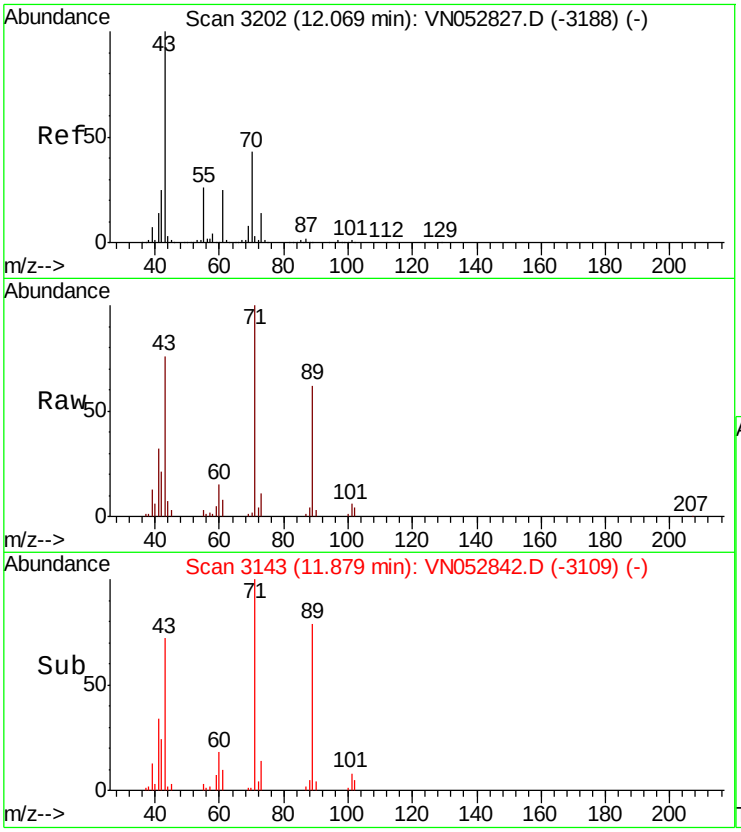


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion:152 Resp: 613124

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.3	85.0
150	157.8	0.0	347.8



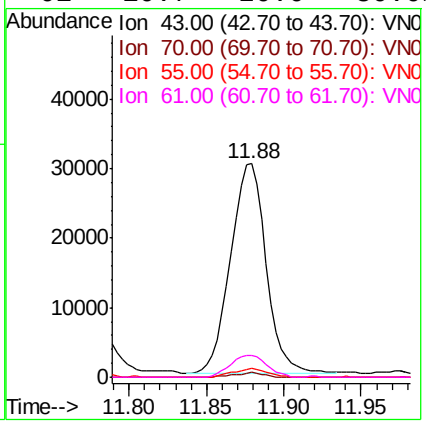


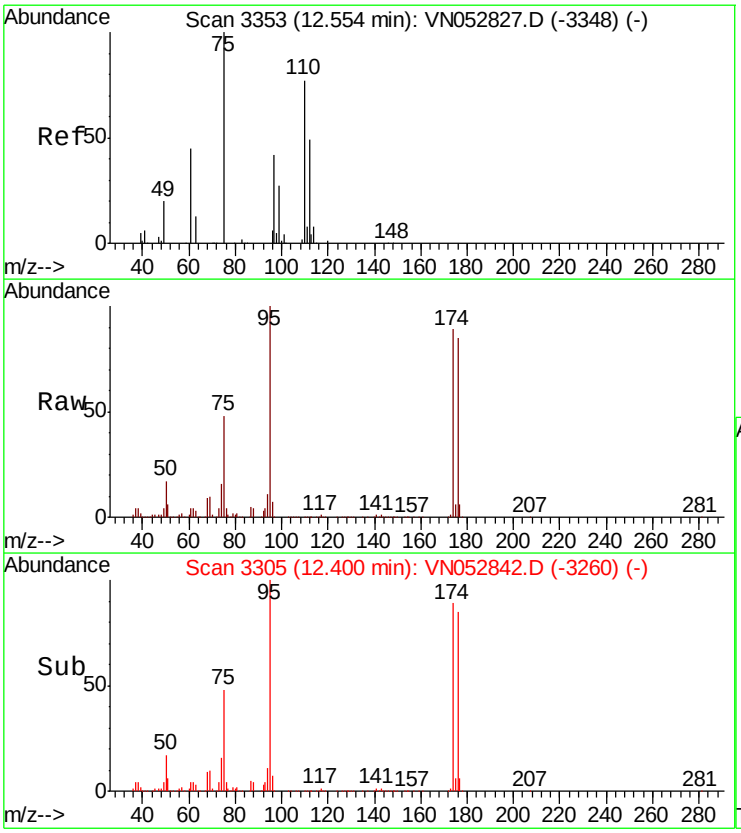
#74
N-amyl acetate
Concen: 3.846 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument : MSVOA_N
ClientSampleId : PB115564ZHE#06

Tgt Ion: 43 Resp: 48339

Ion	Ratio	Lower	Upper
43	100		
70	1.9	34.2	51.4#
55	4.1	20.3	30.5#
61	10.7	20.0	30.0#

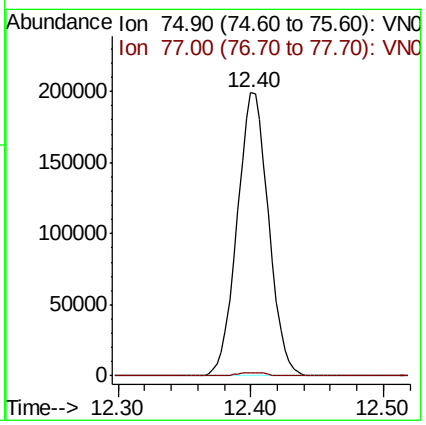


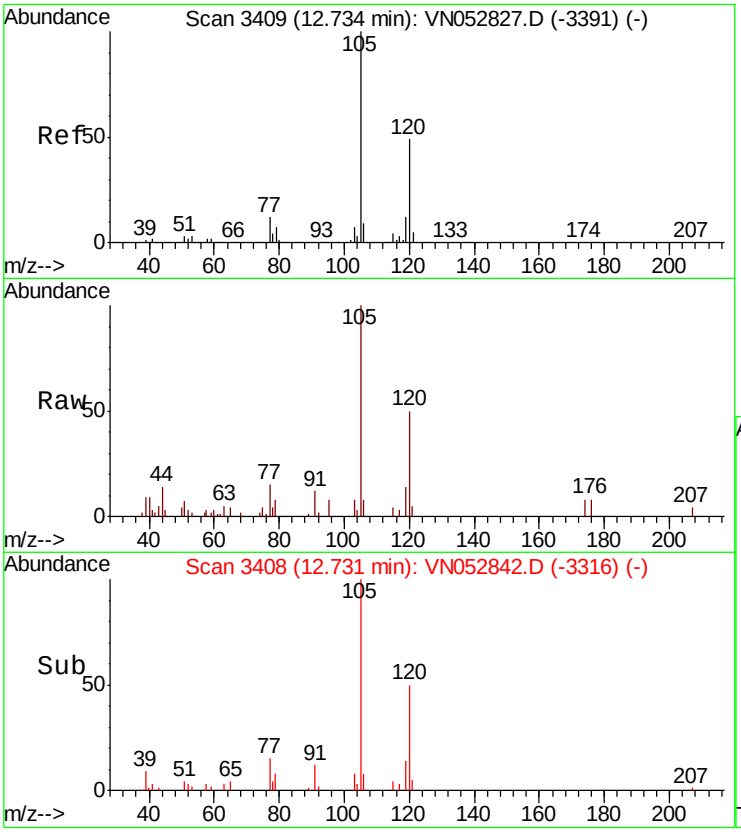


#76
1,2,3-Trichloropropane
Concen: 36.175 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 75 Resp: 327237

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



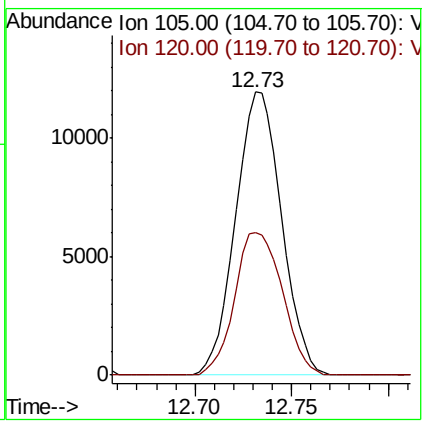


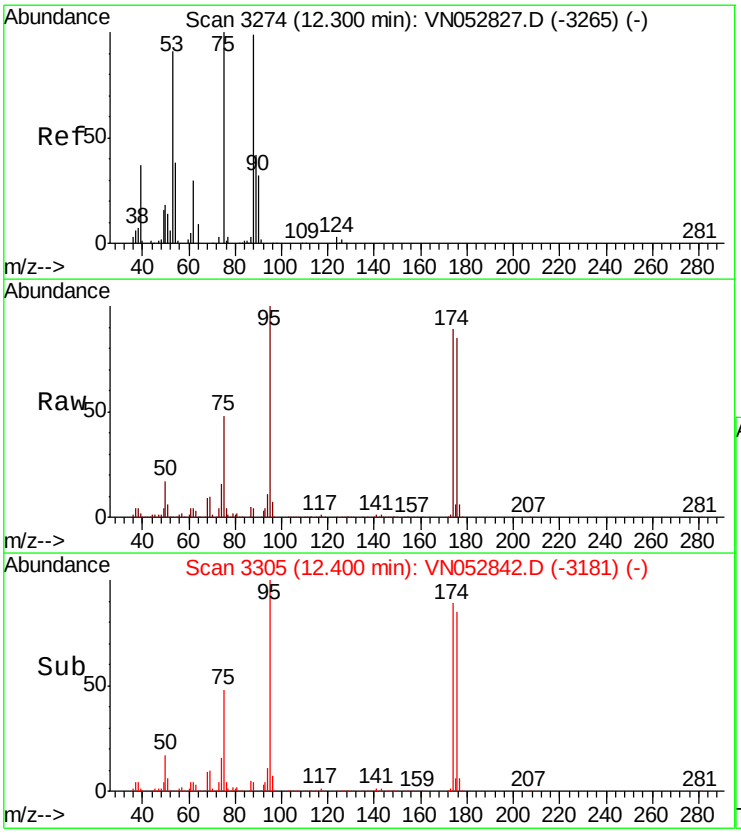
#80
1,3,5-Trimethylbenzene
Concen: 0.535 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Instrument :
MSVOA_N
ClientSampleId :
PB115564ZHE#06

Tgt Ion:105 Resp: 19771

Ion	Ratio	Lower	Upper
105	100		
120	52.1	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 116.212 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052842.D
Acq: 12 Dec 2018 22:00

Tgt Ion: 75 Resp: 327237

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