Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052931.D
Acq On : 17 Dec 2018 16:58
Operator : MD\SY
Sample : PB115729ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:45:39 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	1365313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2133650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1889729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	742236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	698345	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.20%		
35) Dibromofluoromethane	7.59	113	502337	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.36%		
50) Toluene-d8	10.09	98	2594889	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.50%		
62) 4-Bromofluorobenzene	12.40	95	844309	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.50%		
Target Compounds						Qvalue
13) Acrolein	3.61	56	535	0.701	ug/l #	83
16) Acetone	3.82	43	28579	8.765	ug/l	96
18) Methyl Acetate	4.33	43	12094	1.011	ug/l #	75
20) Methylene Chloride	4.55	84	22069	1.504	ug/l	98
25) 2-Butanone	6.84	43	4156	0.821	ug/l #	84
29) Tetrahydrofuran	7.21	42	2286	0.662	ug/l #	52
31) Cyclohexane	7.66	56	23275	0.370	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	90395	4.601	ug/l #	49
38) Carbon Tetrachloride	7.67	117	119729	6.620	ug/l #	16
41) Methacrylonitrile	7.21	41	1360	0.208	ug/l #	27
43) Isopropyl Acetate	8.27	43	1075541	44.444	ug/l #	53
45) 1,2-Dichloropropane	9.27	63	3977	0.257	ug/l #	44
48) Methyl methacrylate	9.18	41	21845	2.058	ug/l #	23
49) 1,4-Dioxane	9.25	88	294	2.441	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	24747	2.230	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	173348	7.782	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	32730	1.497	ug/l #	42
59) 2-Hexanone	10.76	43	455183	59.855	ug/l #	50
71) Bromoform	12.40	173	5200	0.561	ug/l #	1
74) N-amyl acetate	12.02	43	4116	0.271	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	396318	36.191	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11308	0.253	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	396318	116.262	ug/l #	12

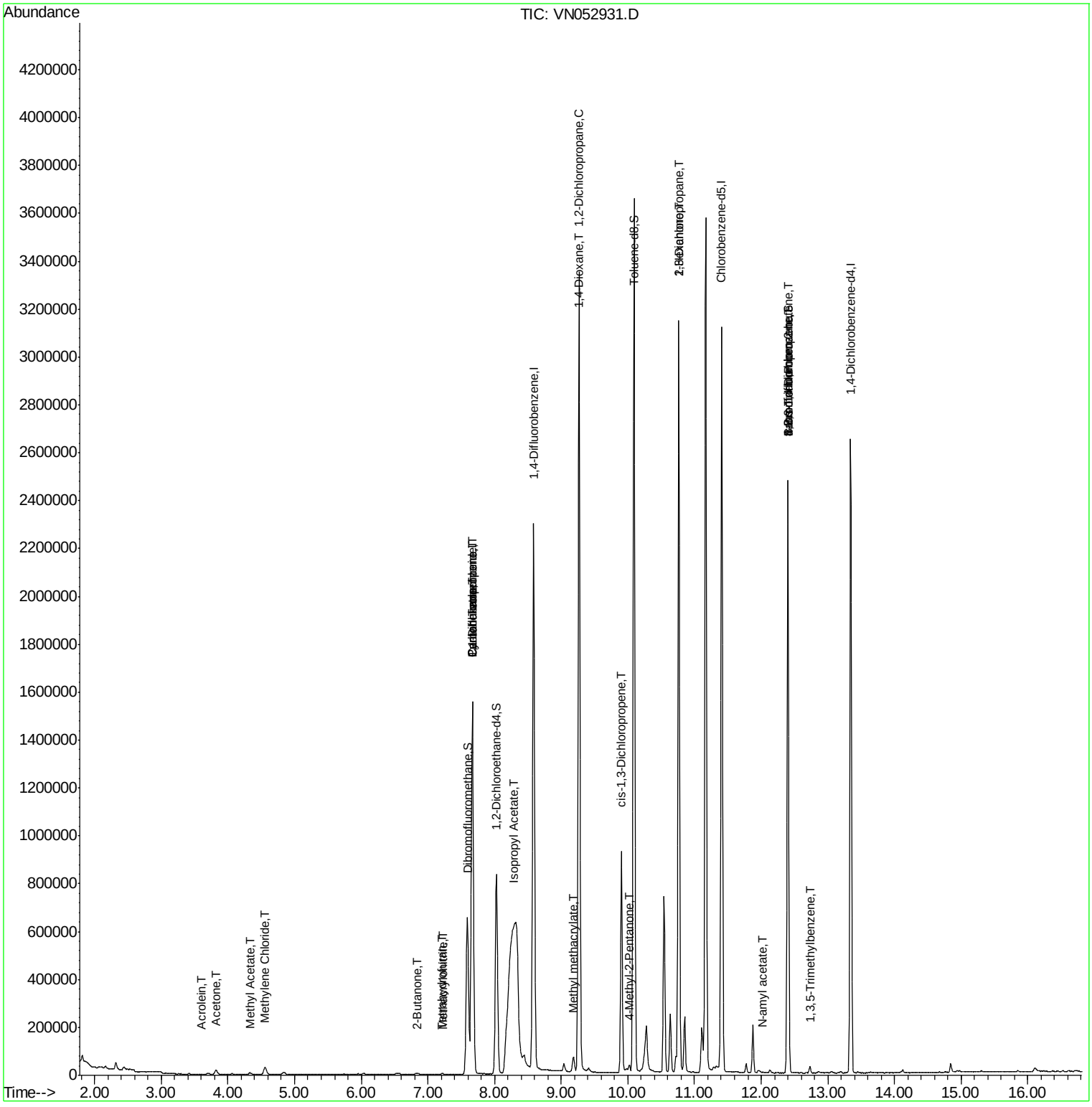
(#) = qualifier out of range (m) = manual integration (+) = signals summed

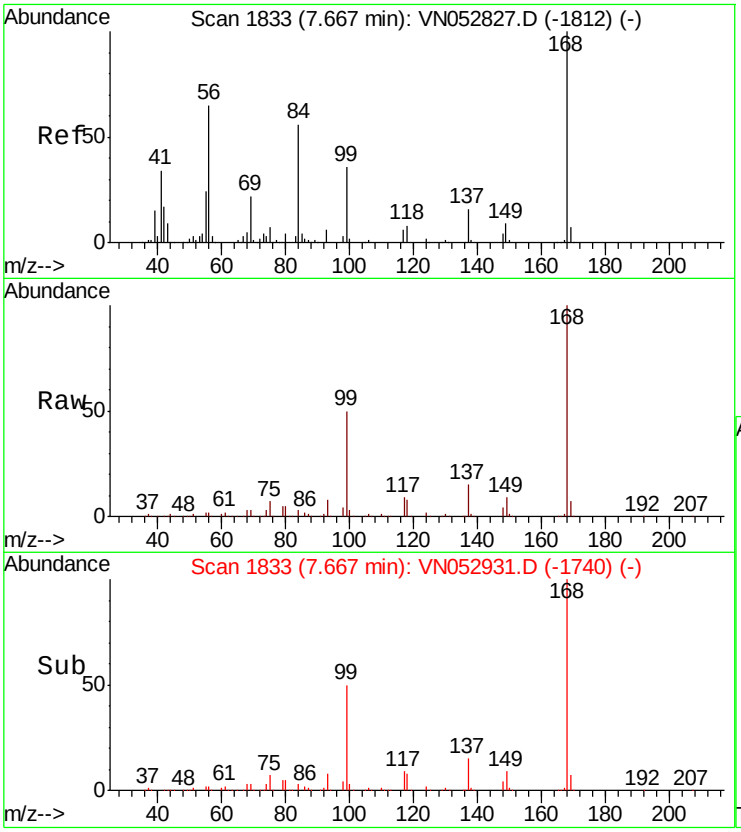
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052931.D
Acq On : 17 Dec 2018 16:58
Operator : MD\SY
Sample : PB115729ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 18 04:45:39 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



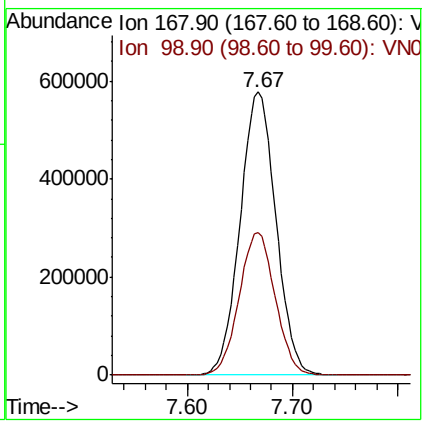


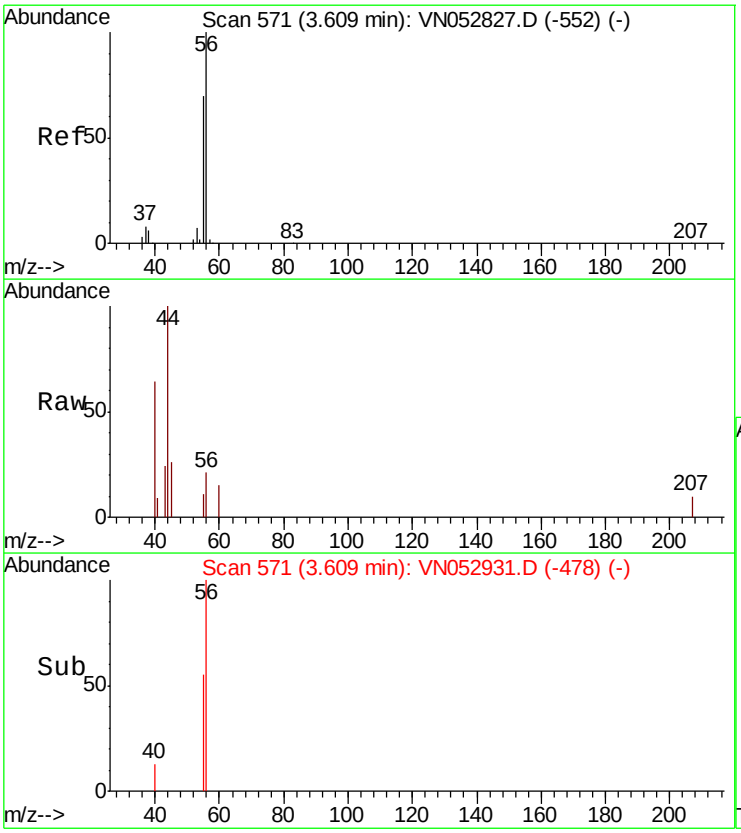
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1365313

Ion	Ratio	Lower	Upper
168	100		
99	50.5	40.2	60.2

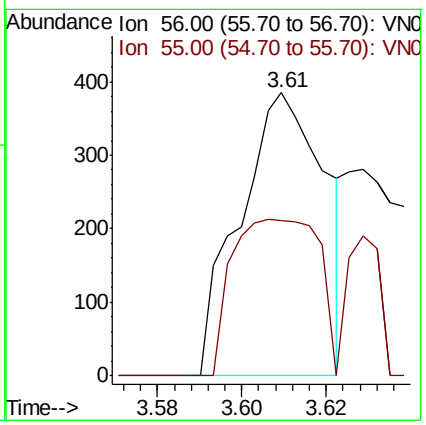


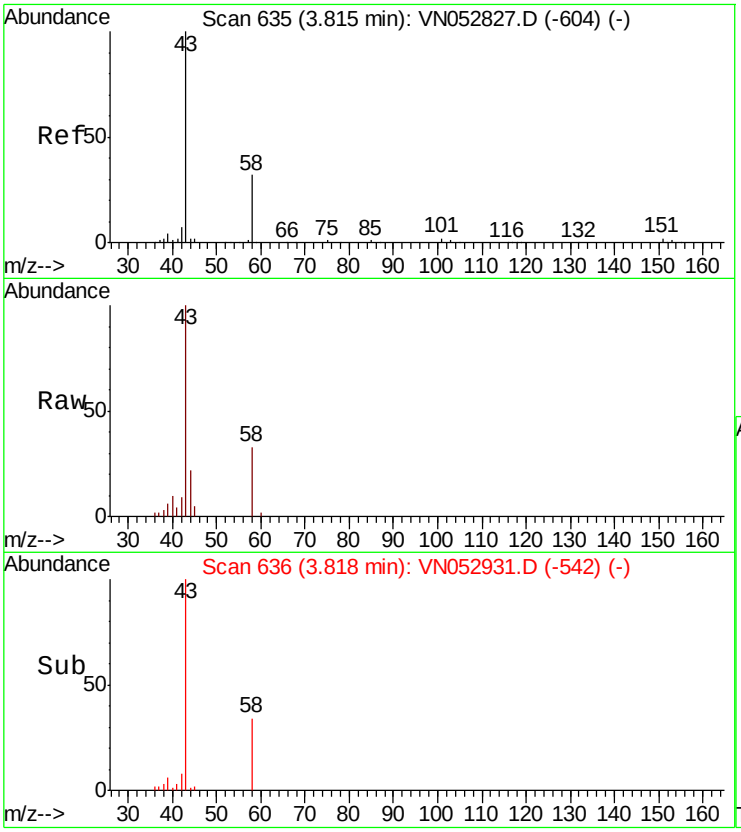


#13
Acrolein
Concen: 0.701 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 56 Resp: 535

Ion	Ratio	Lower	Upper
56	100		
55	56.4	56.6	85.0#



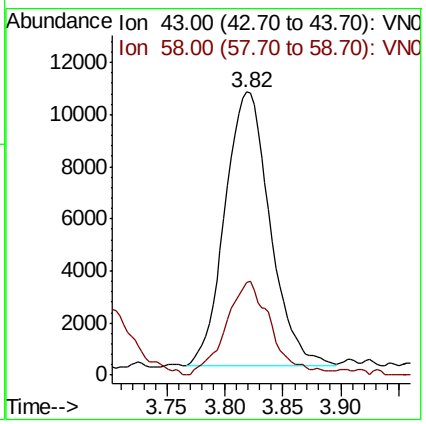


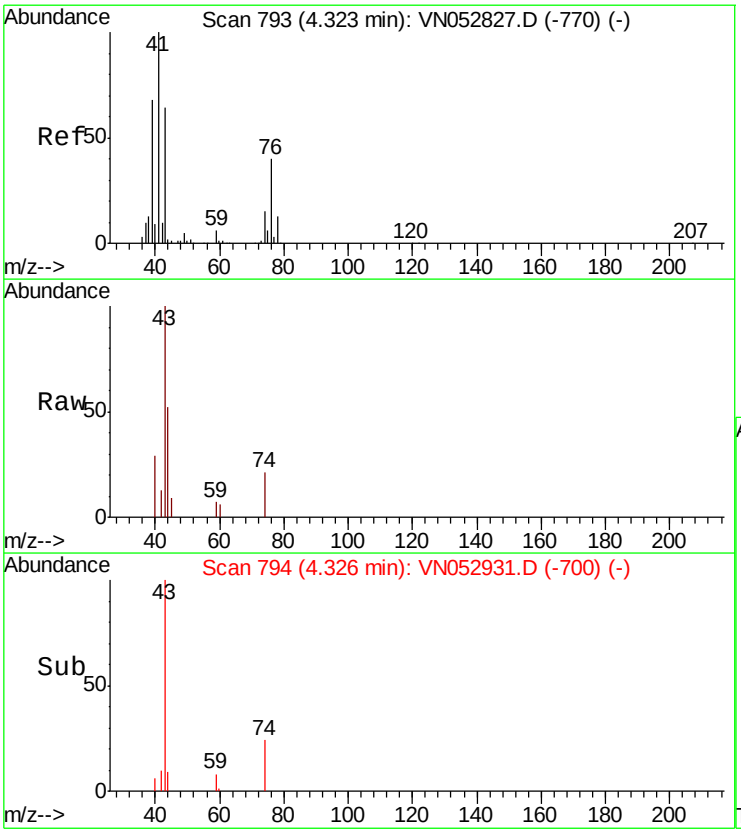
#16
Acetone
Concen: 8.765 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 28579

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.4	38.0

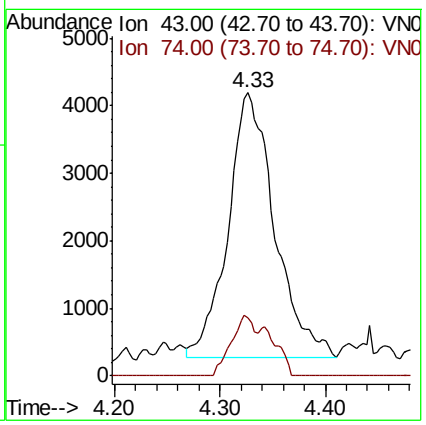


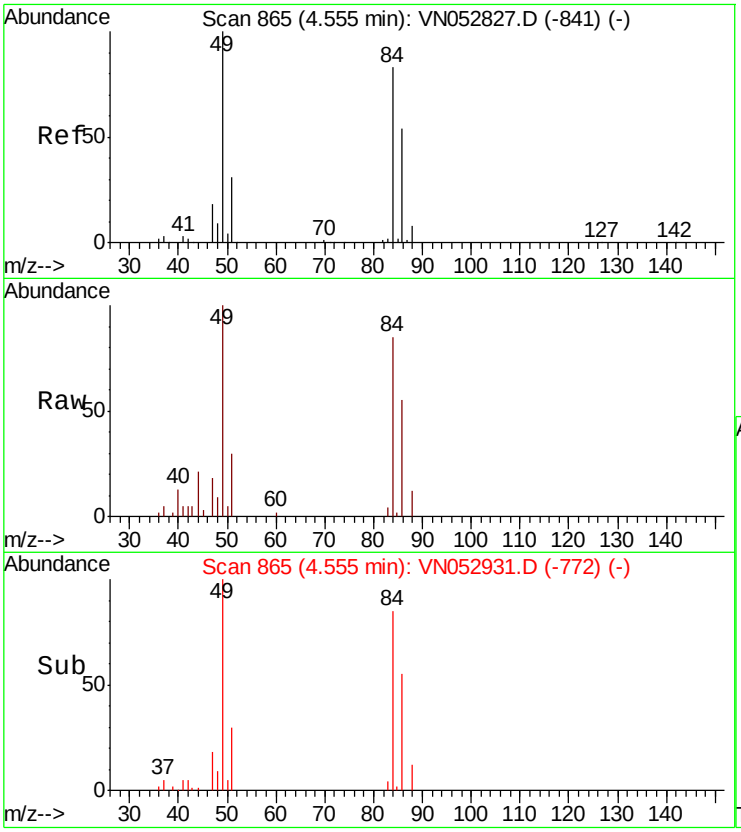


#18
Methyl Acetate
Concen: 1.011 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 43 Resp: 12094

Ion	Ratio	Lower	Upper
43	100		
74	11.8	19.2	28.8#



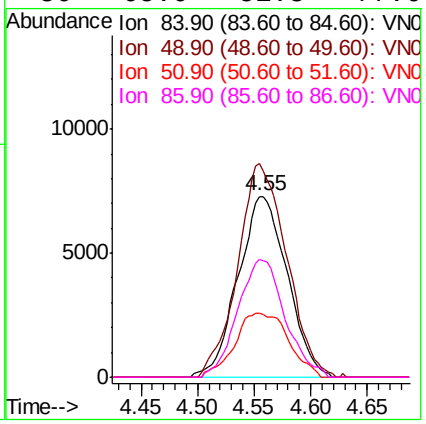


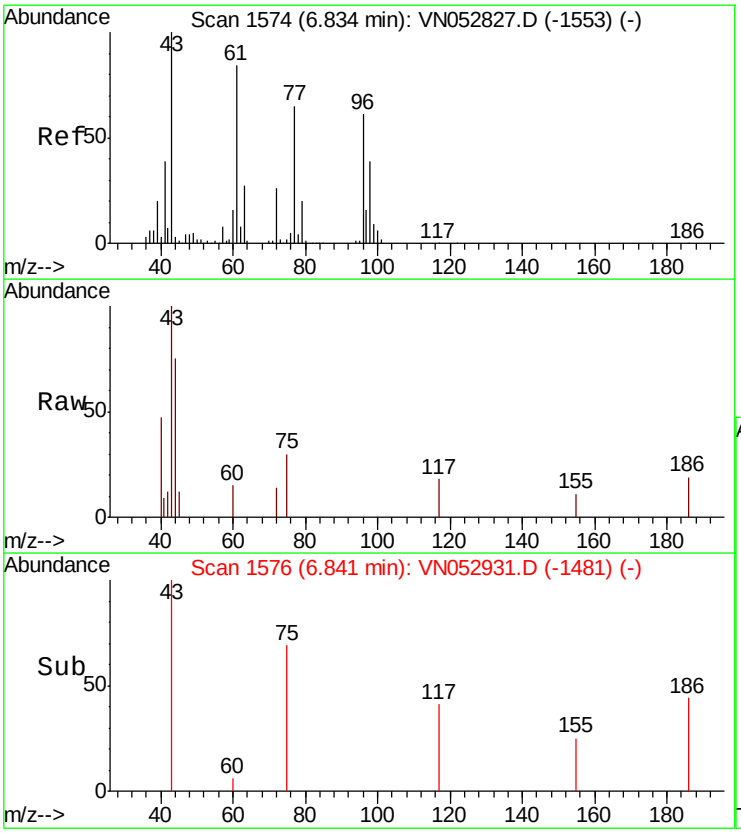
#20
Methylene Chloride
Concen: 1.504 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 22069

Ion	Ratio	Lower	Upper
84	100		
49	118.1	96.8	145.2
51	35.6	29.9	44.9
86	65.0	51.8	77.6

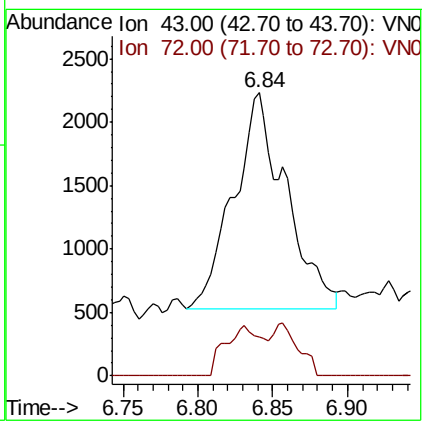


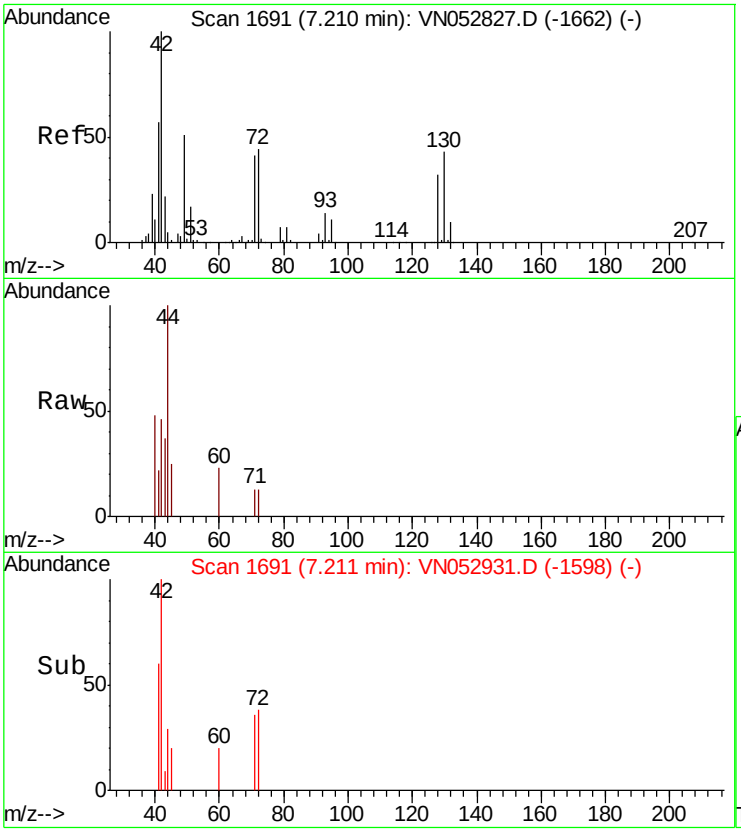


#25
2-Butanone
Concen: 0.821 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 43 Resp: 4156

Ion	Ratio	Lower	Upper
43	100		
72	18.0	21.0	31.6#



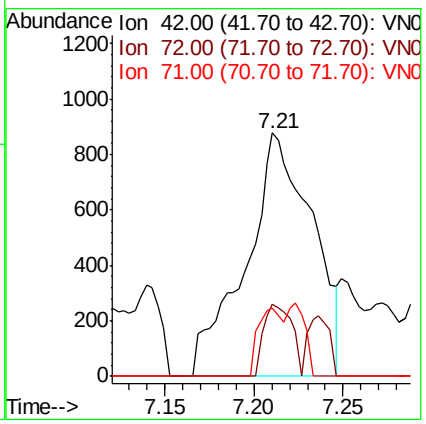


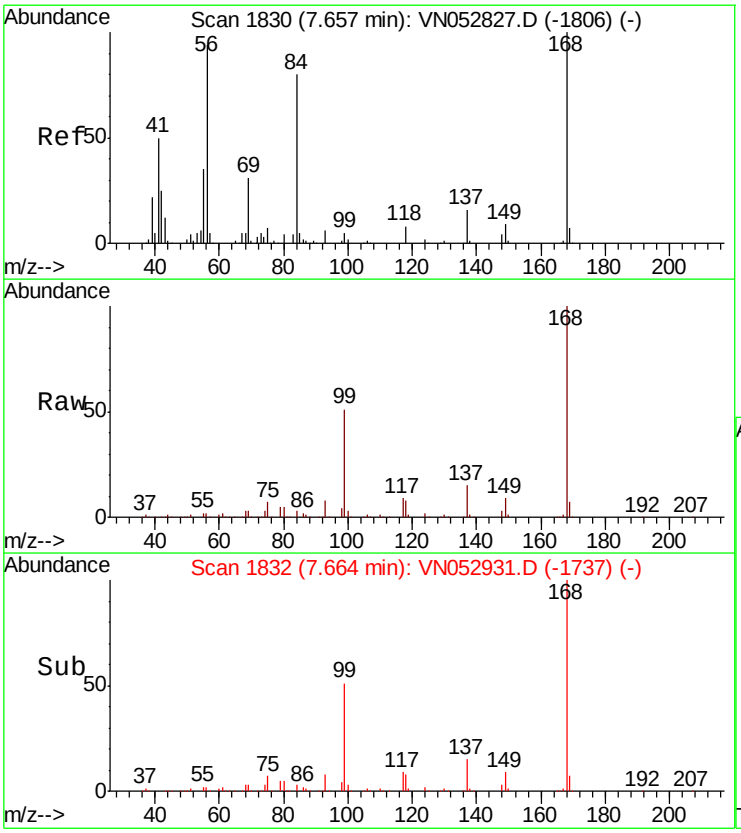
#29
Tetrahydrofuran
Concen: 0.662 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2286

Ion	Ratio	Lower	Upper
42	100		
72	12.5	34.7	52.1#
71	10.7	32.3	48.5#

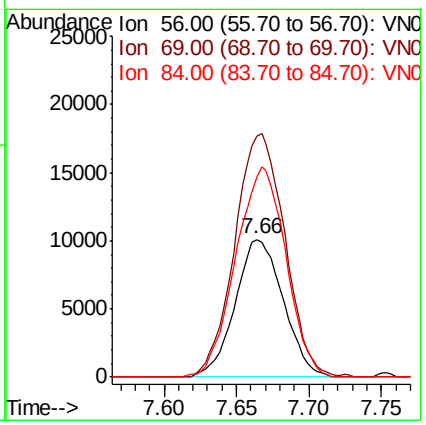


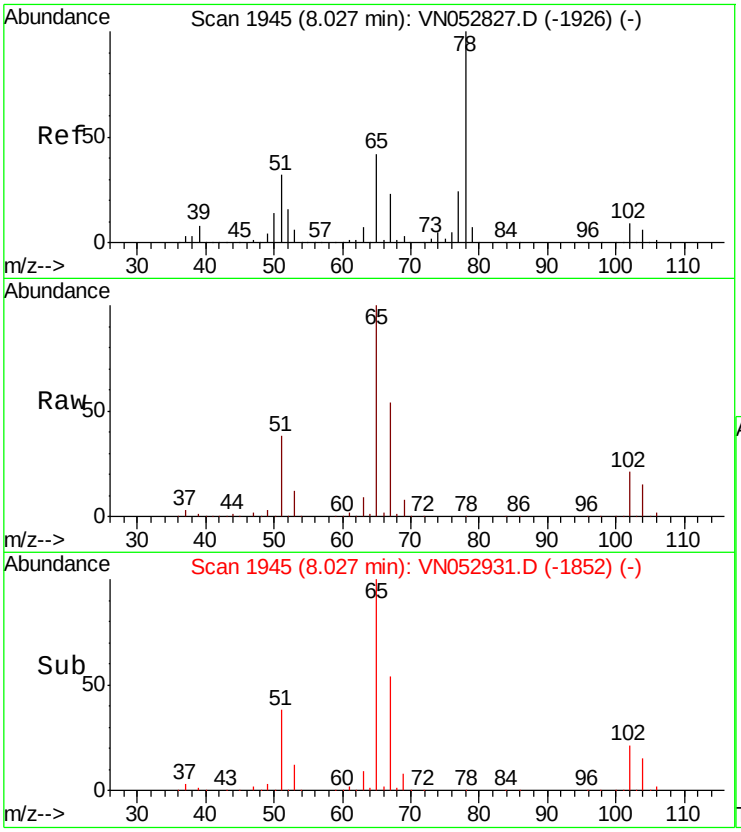


#31
Cyclohexane
Concen: 0.370 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 56 Resp: 23275

Ion	Ratio	Lower	Upper
56	100		
69	174.8	26.6	39.8#
84	145.3	68.4	102.6#



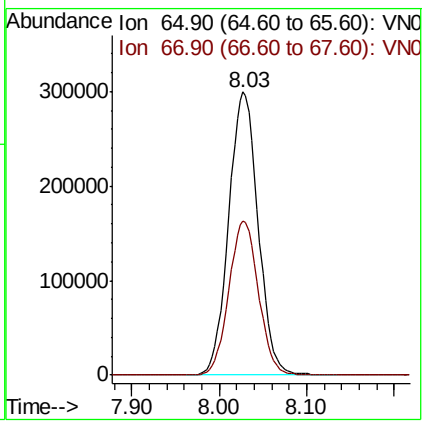


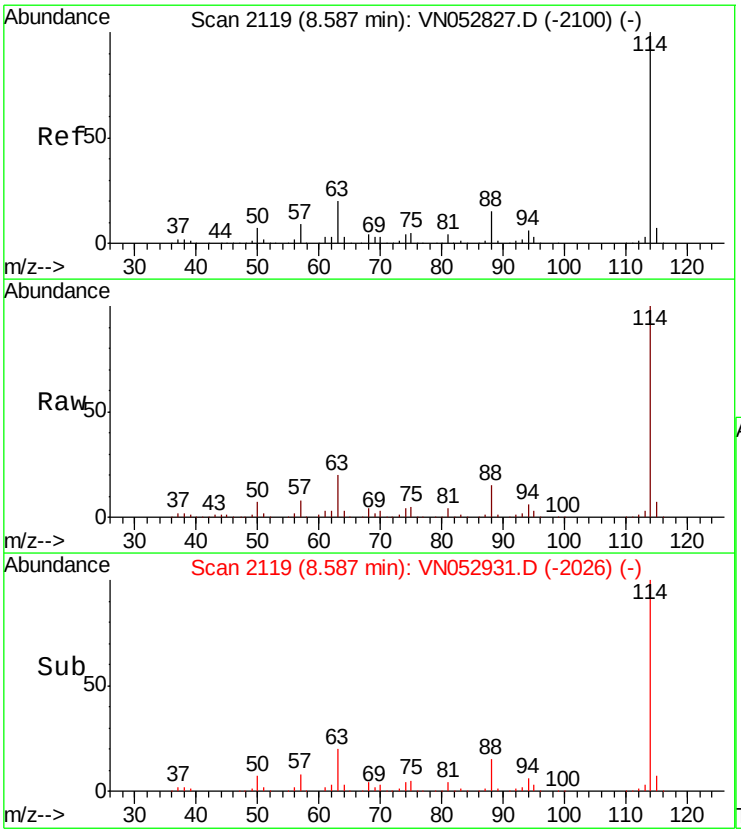
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 698345

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.4

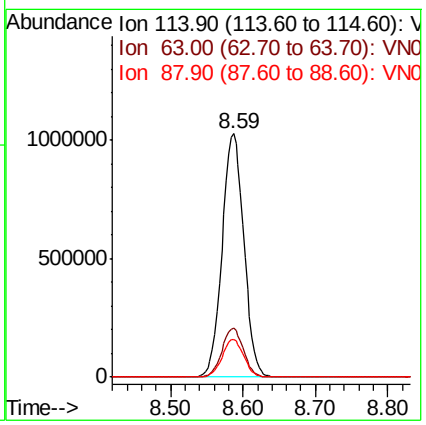


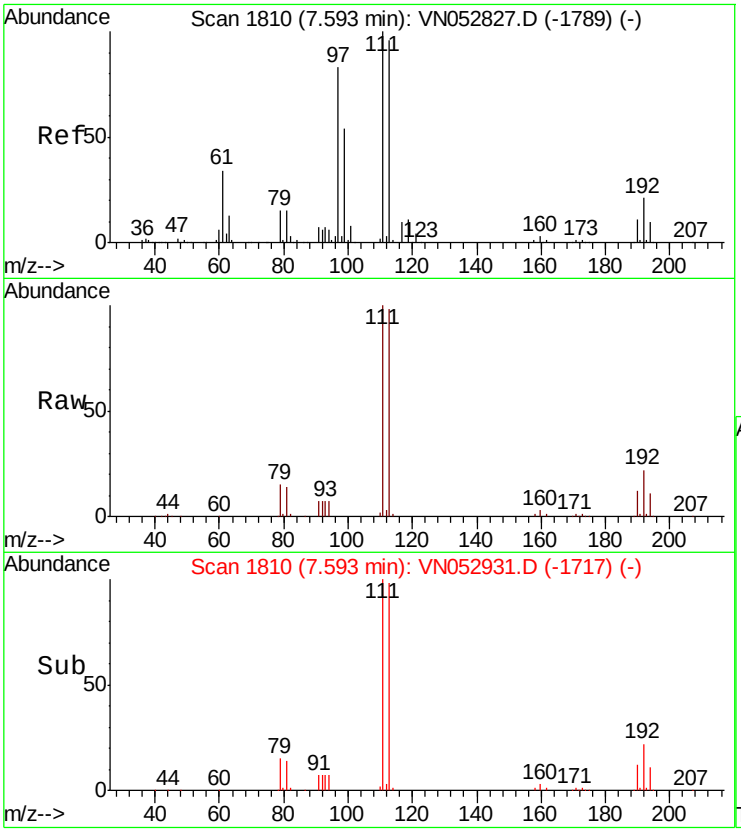


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion:114 Resp: 2133650

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



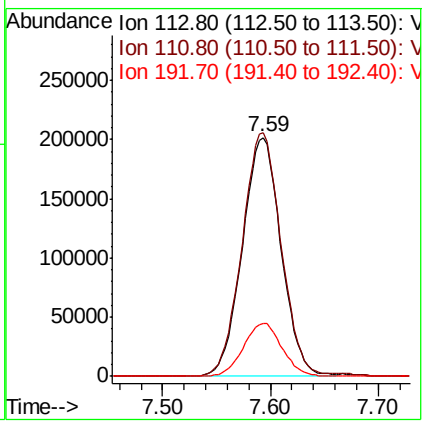


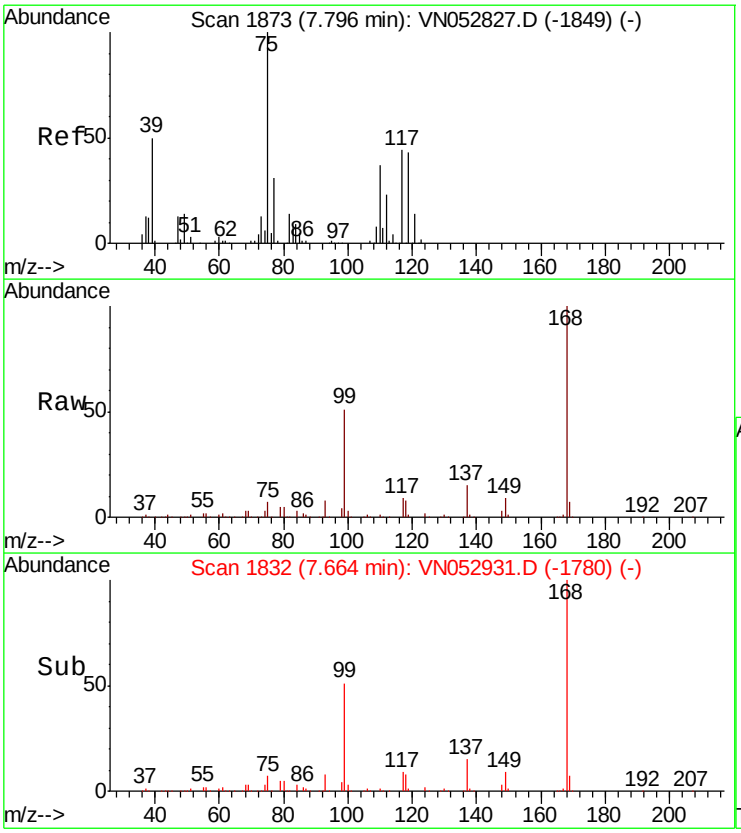
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 502337

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.4
192	22.1	17.5	26.3

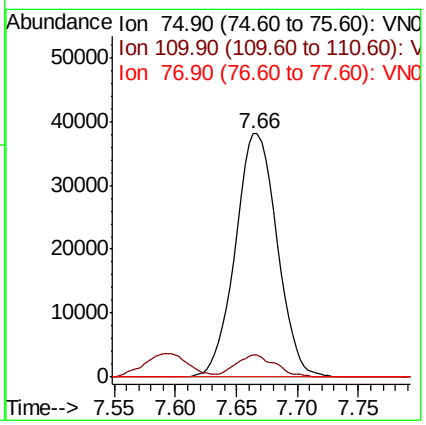


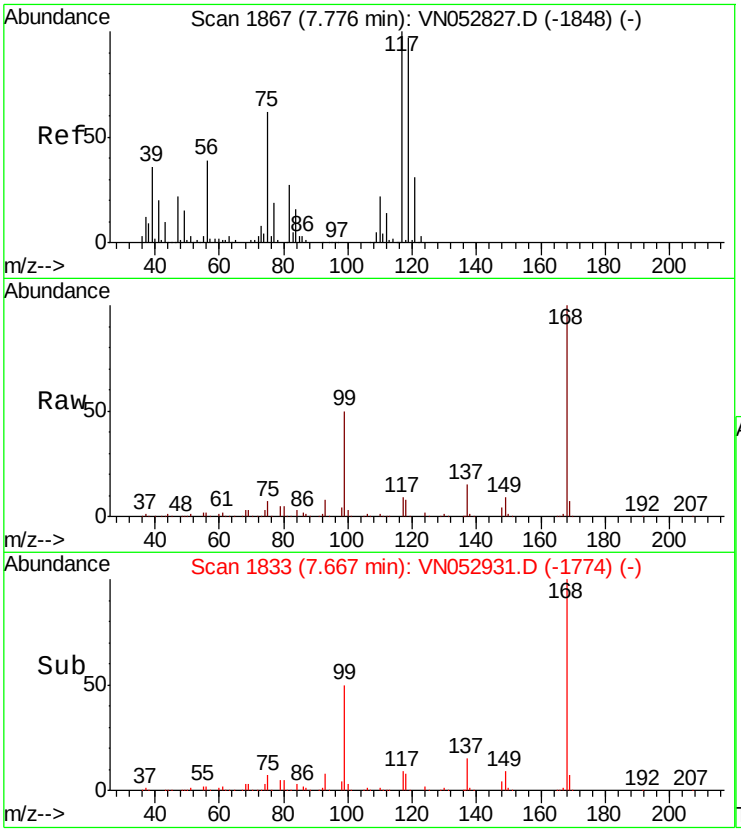


#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 75 Resp: 90395

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	24.9	37.3#



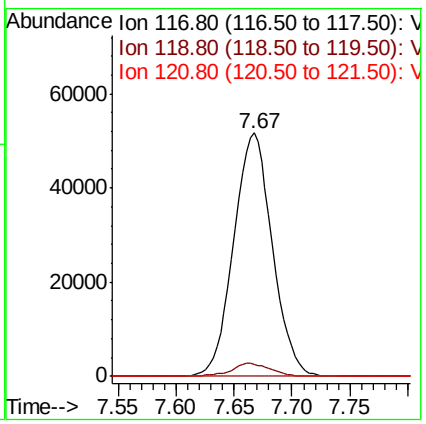


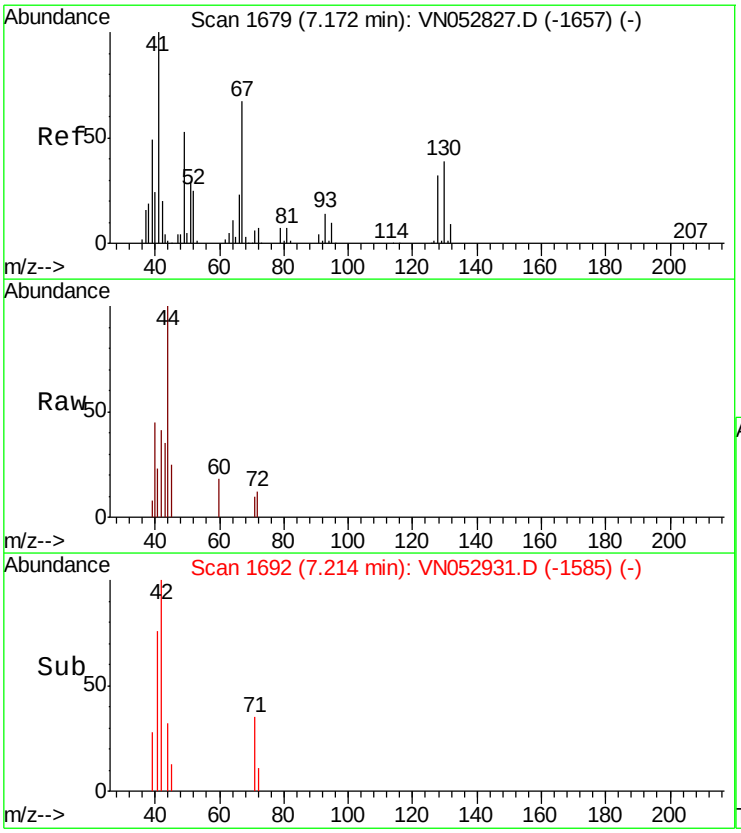
#38
Carbon Tetrachloride
Concen: 6.620 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 119729

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

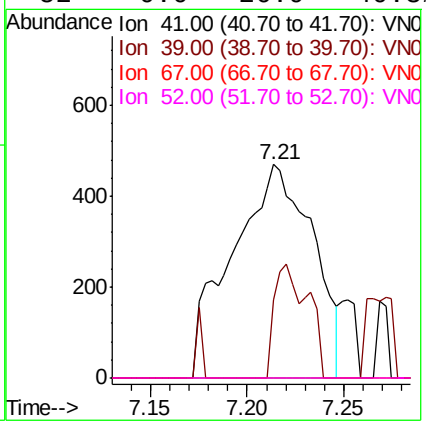


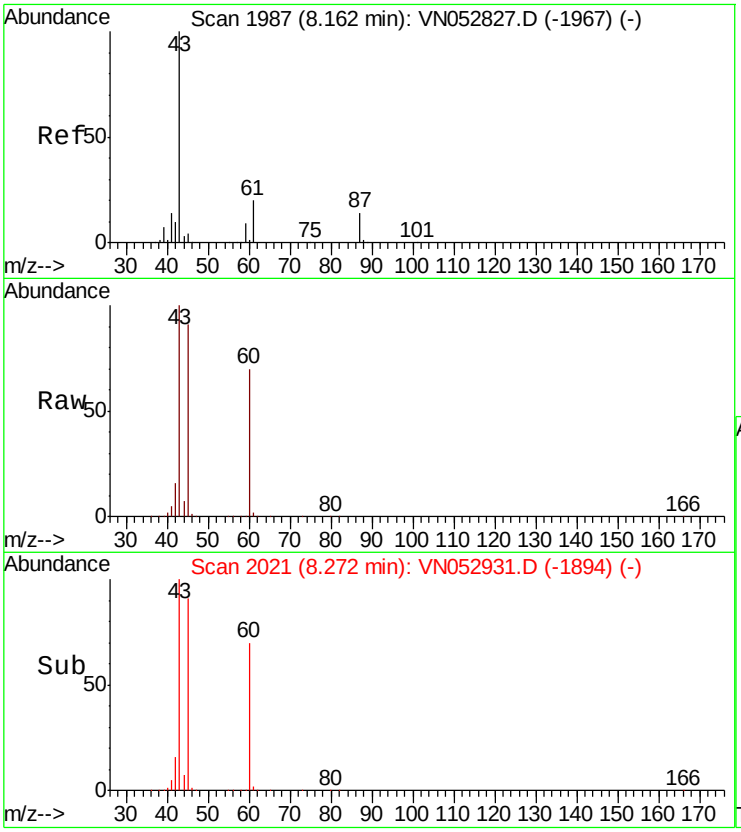


#41
Methacrylonitrile
Concen: 0.208 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 41 Resp: 1360

Ion	Ratio	Lower	Upper
41	100		
39	21.9	48.0	72.0#
67	0.0	70.3	105.5#
52	0.0	26.9	40.3#



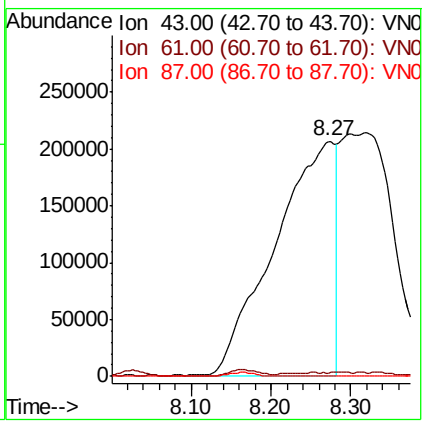


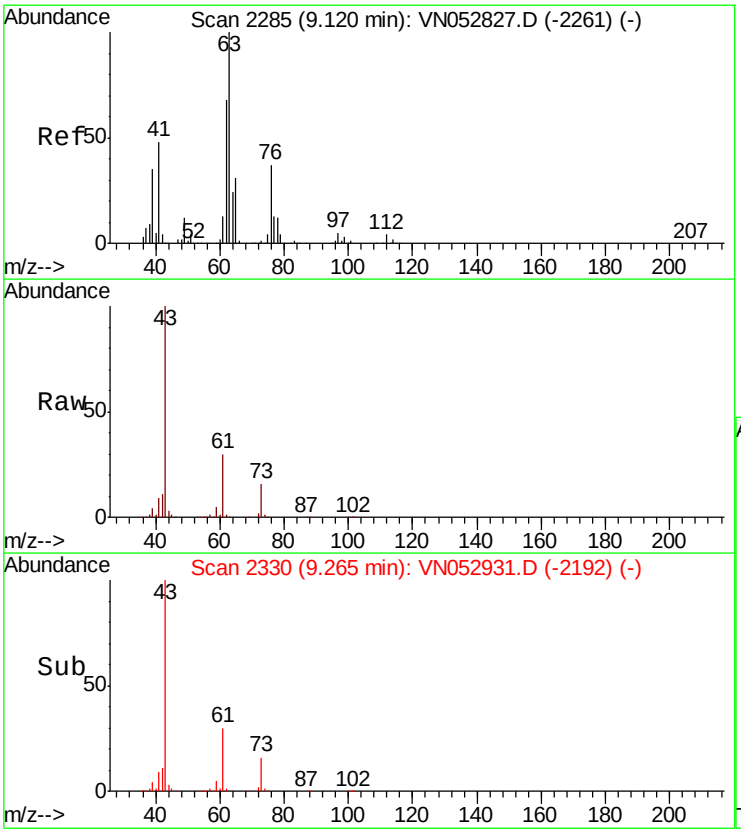
#43
Isopropyl Acetate
Concen: 44.444 ug/l
RT: 8.27 min Scan# 2021
Delta R.T. 0.11 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1075541

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#

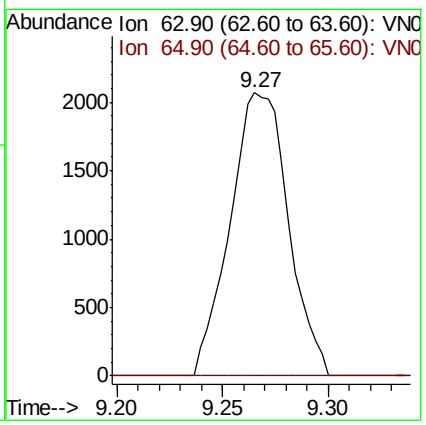


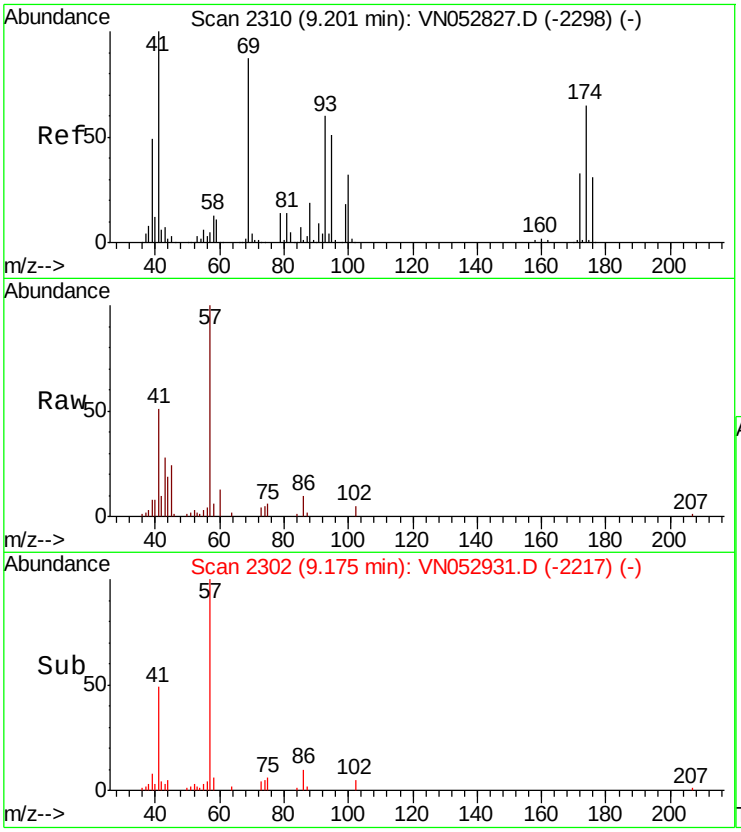


#45
1,2-Dichloropropane
Concen: 0.257 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 63 Resp: 3977

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



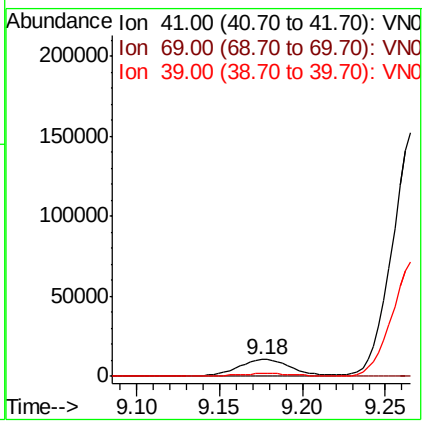


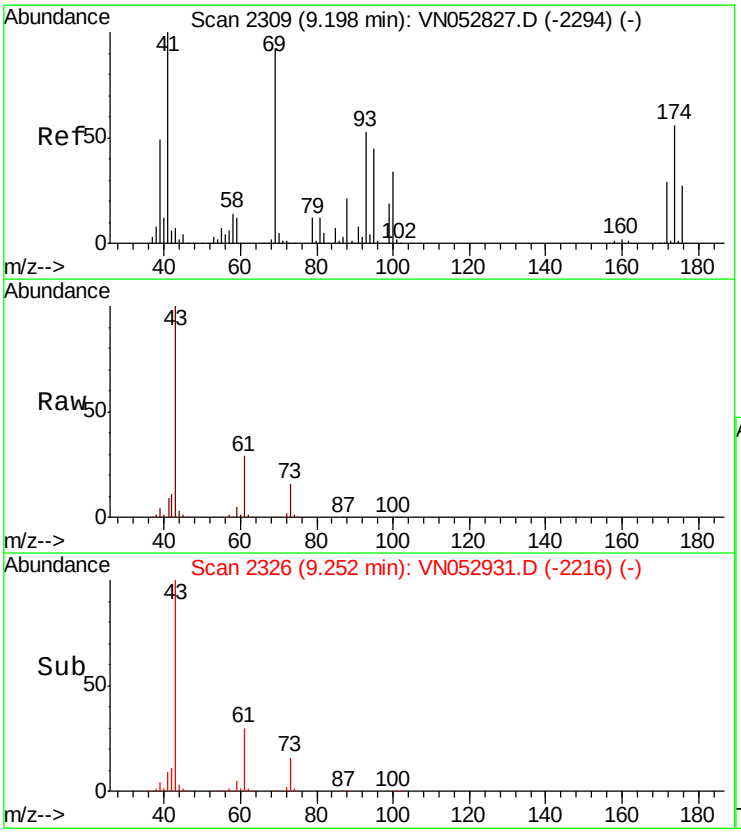
#48
Methyl methacrylate
Concen: 2.058 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 21845

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	20.6	41.9	62.9#

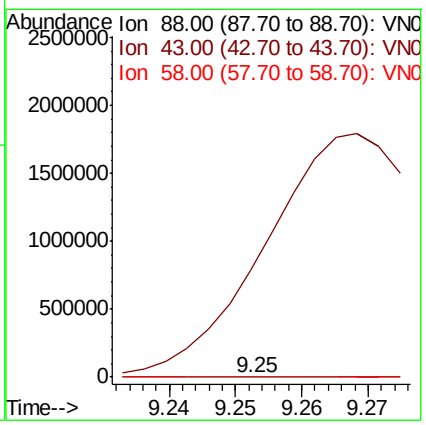


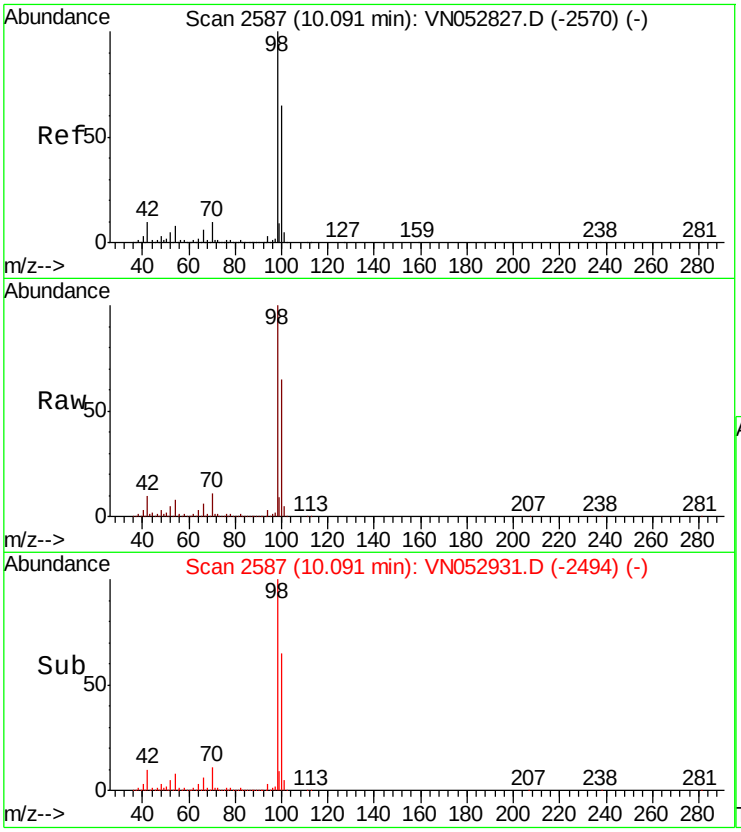


#49
1,4-Dioxane
Concen: 2.441 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.05 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 88 Resp: 294

Ion	Ratio	Lower	Upper
88	100		
43	1119370.7	26.6	40.0#
58	4580.6	58.4	87.6#



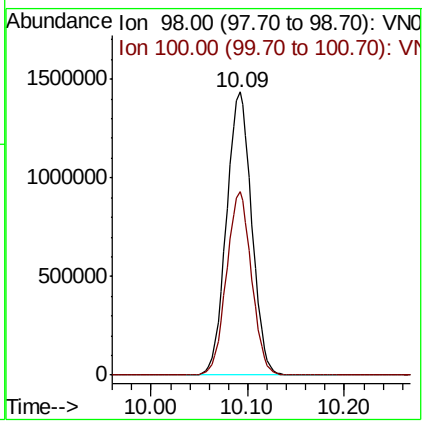


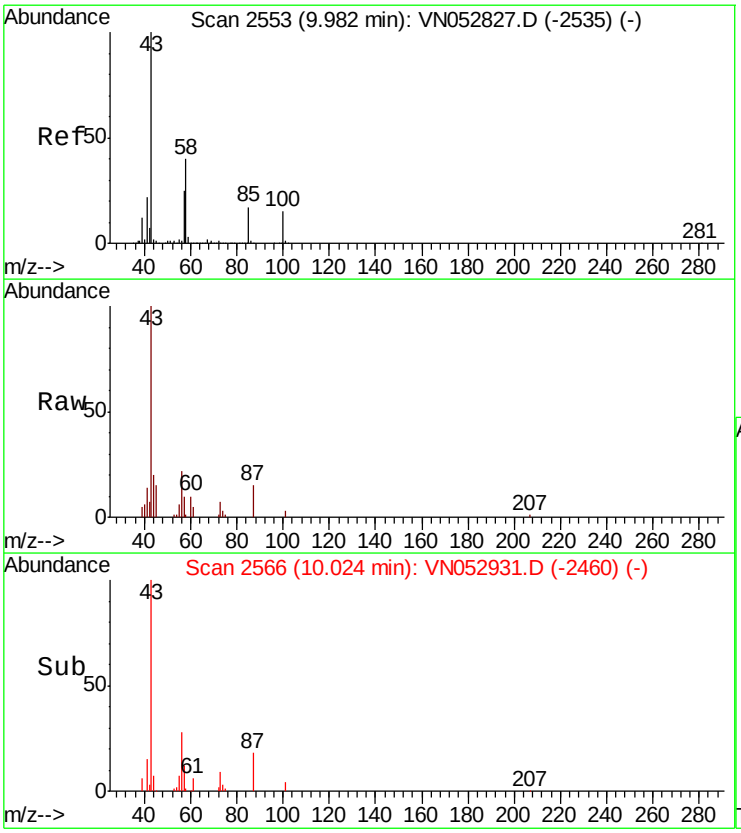
#50
Toluene-d8
Concen: 2.441 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2594889

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

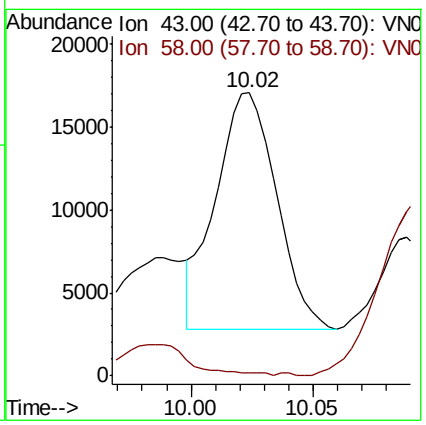


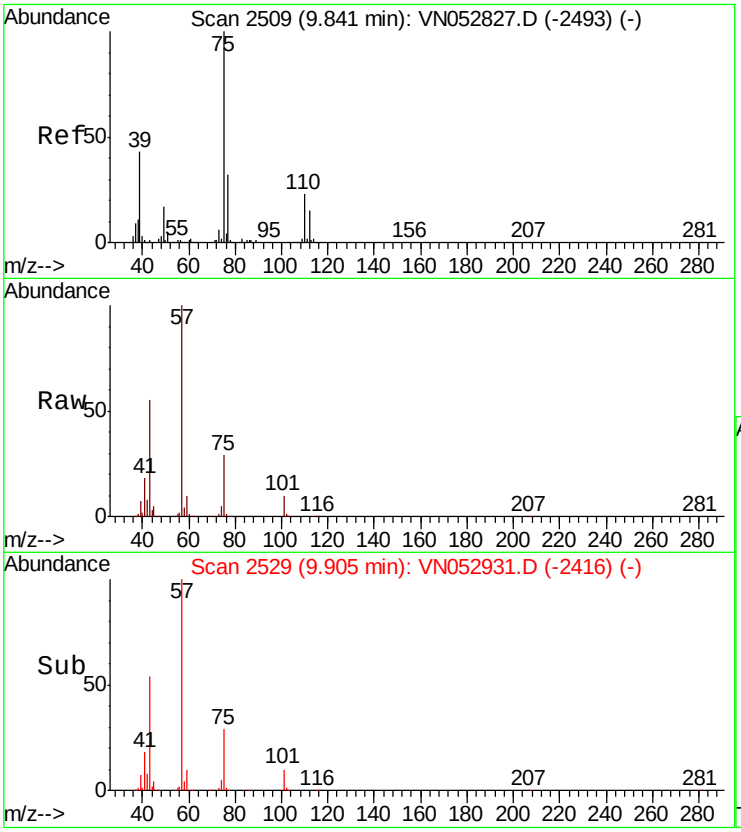


#51
4-Methyl-2-Pentanone
Concen: 2.230 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 43 Resp: 24747

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#



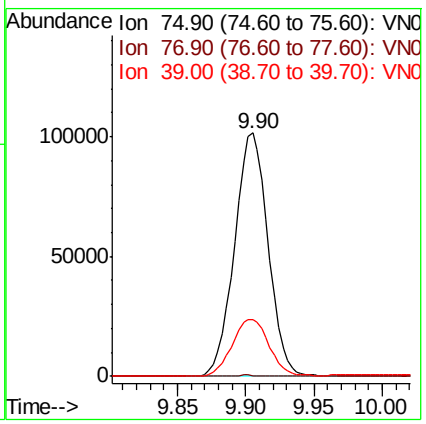


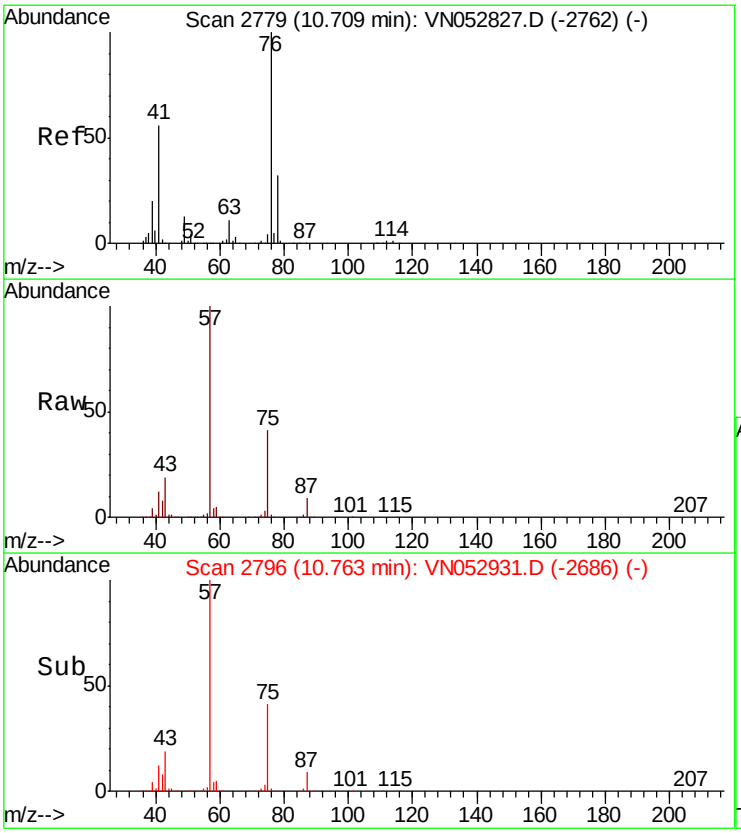
#54
cis-1,3-Dichloropropene
Concen: 7.782 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 173348

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.8#
39	23.3	34.8	52.2#

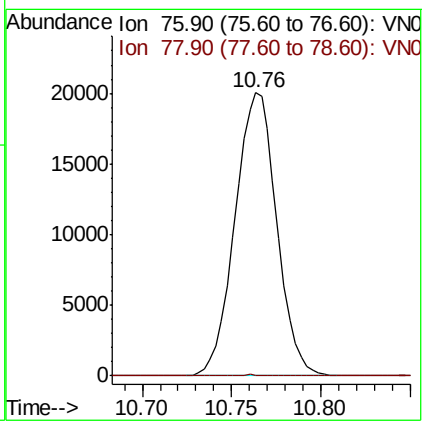


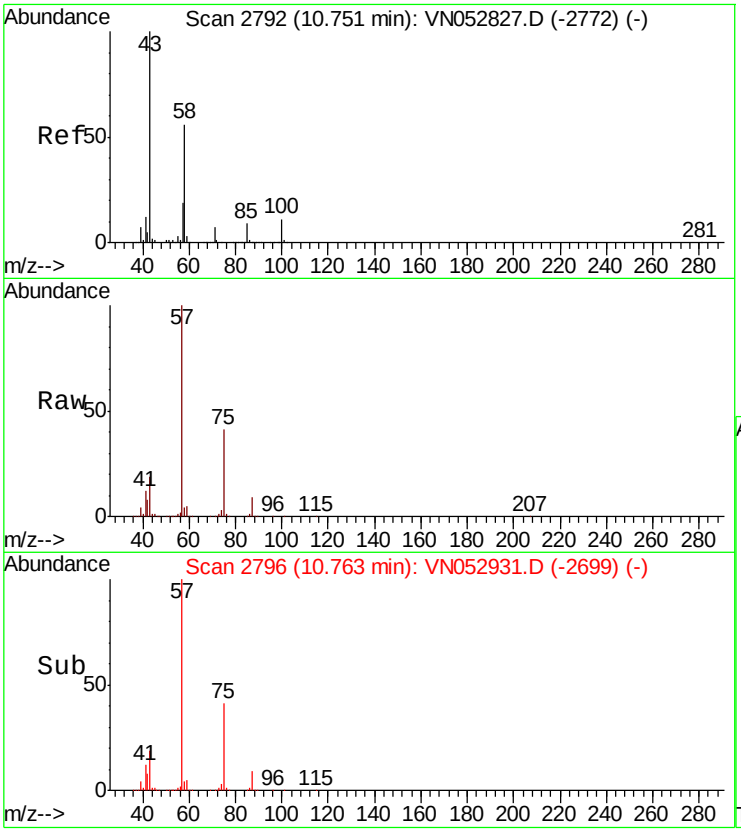


#57
1,3-Dichloropropane
Concen: 1.497 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 76 Resp: 32730

Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.8	38.8#



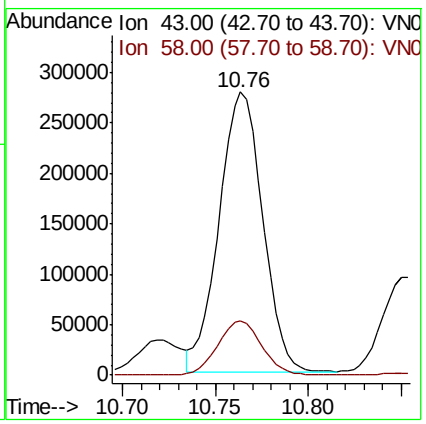


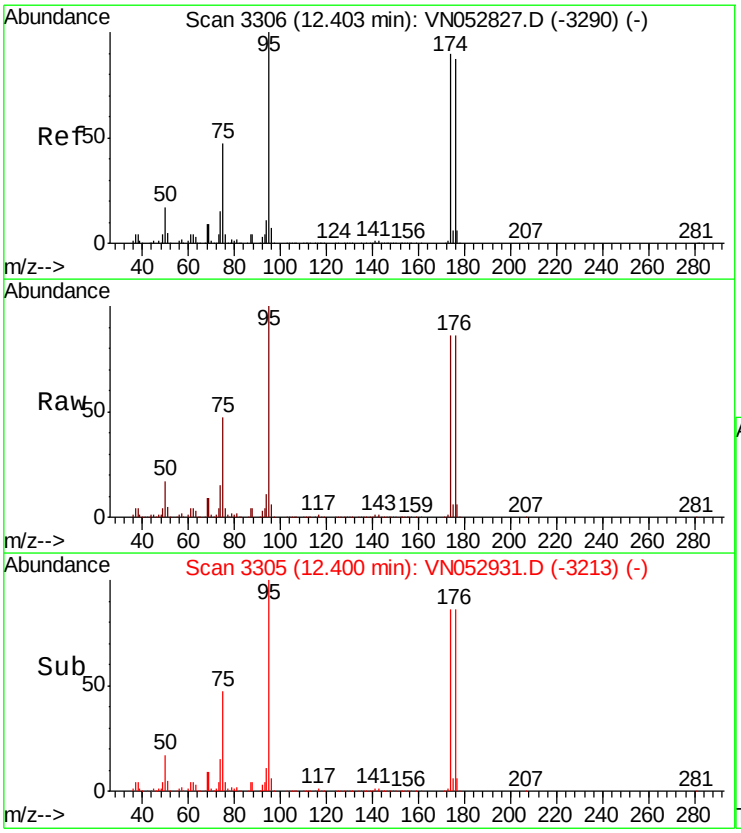
#59
2-Hexanone
Concen: 59.855 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 455183

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.1	84.3#

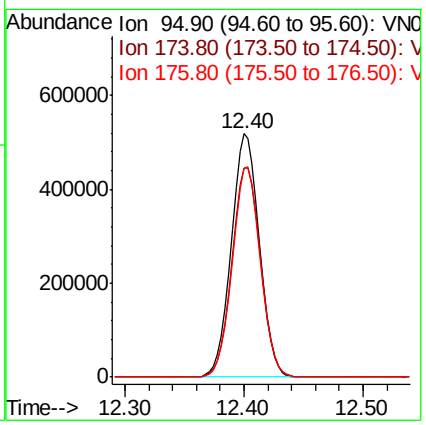


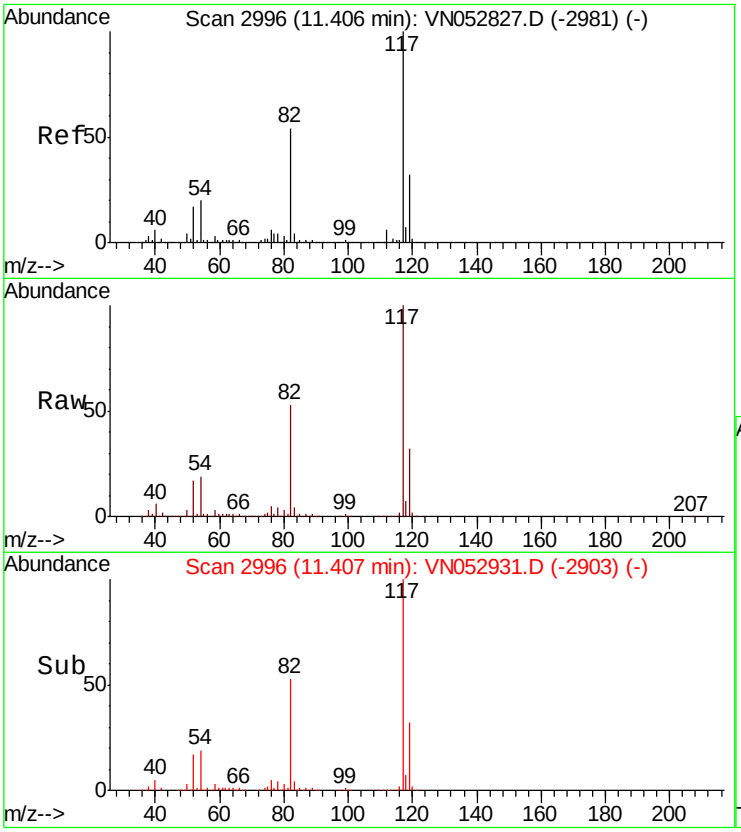


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 95 Resp: 844309

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	178.8
176	86.2	0.0	173.8



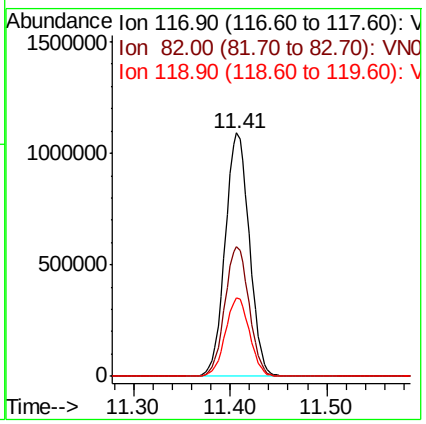


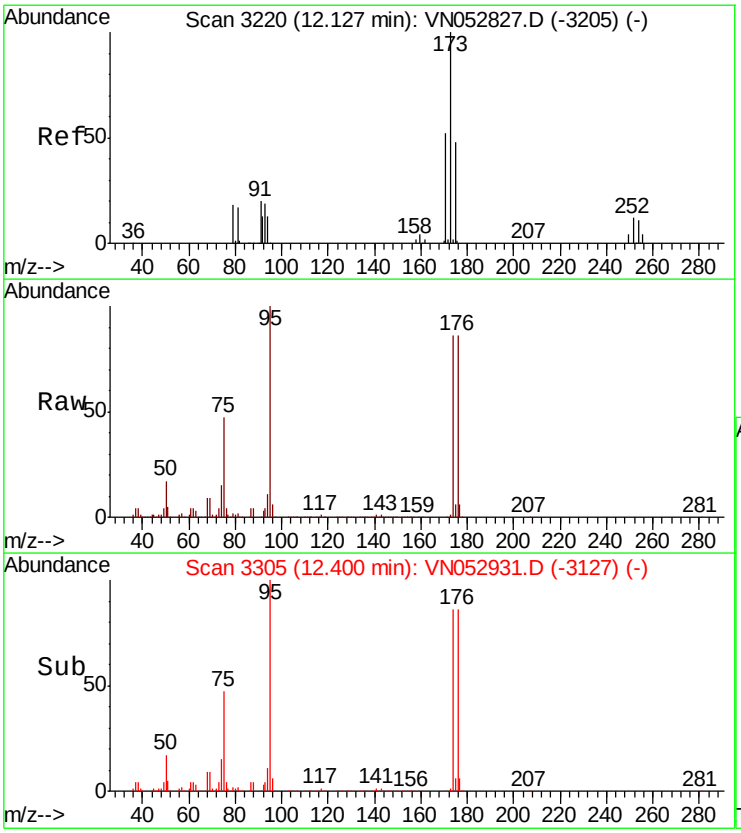
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1889729

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.8	64.2
119	32.1	25.5	38.3

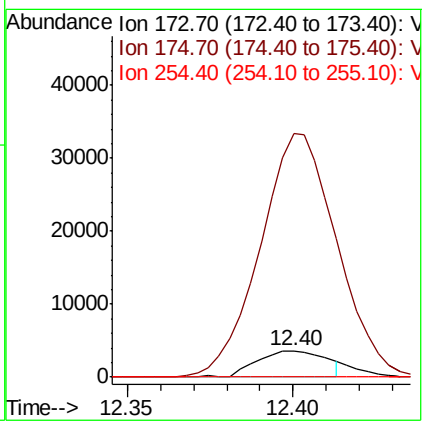


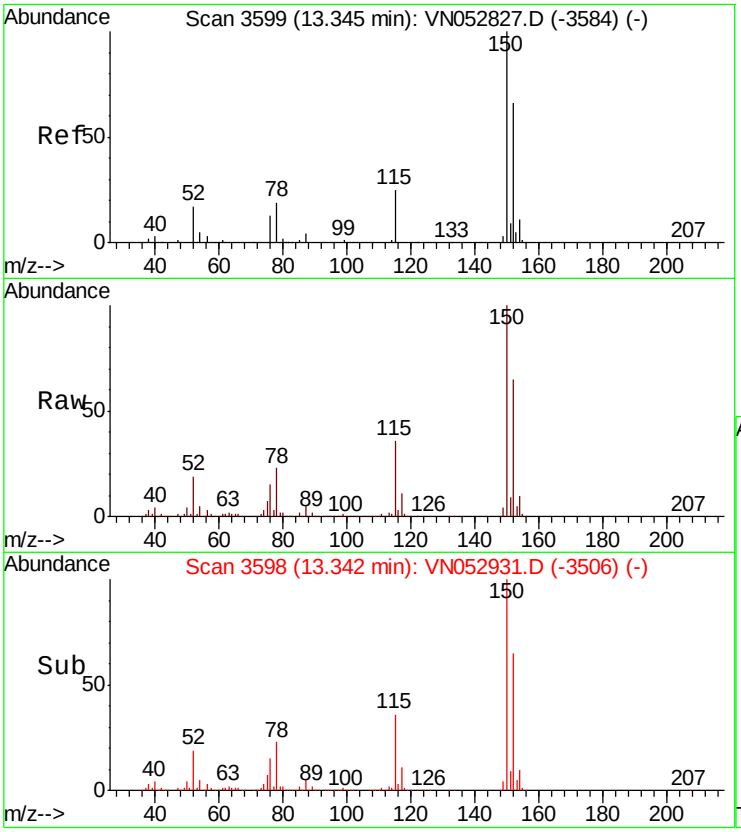


#71
Bromoform
Concen: 0.561 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion:173 Resp: 5200

Ion	Ratio	Lower	Upper
173	100		
175	909.2	24.3	72.9#
254	0.0	0.1	0.1#



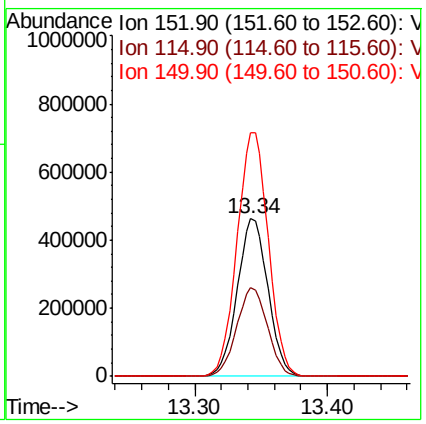


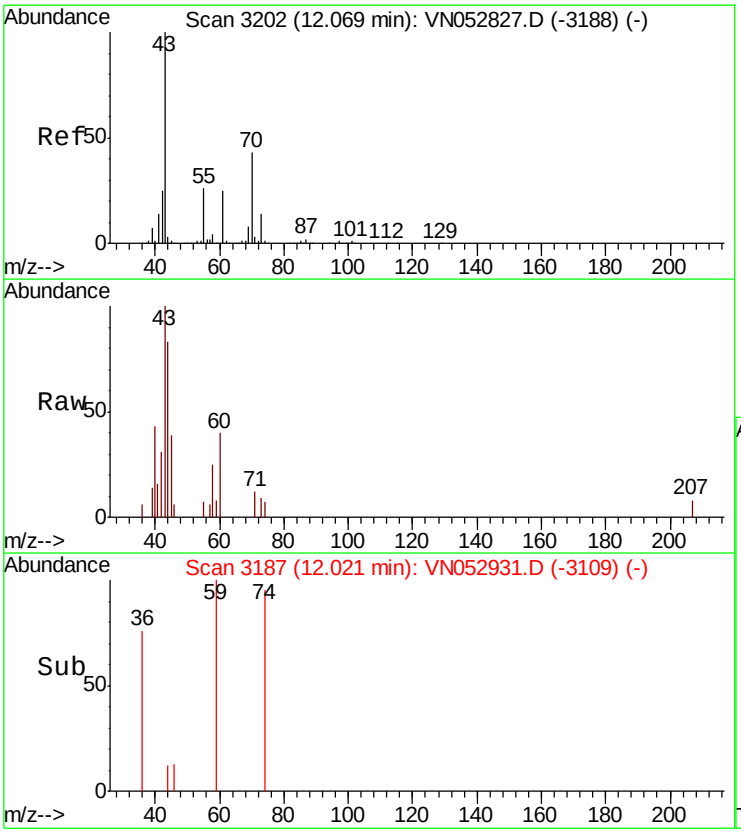
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 742236

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.3	85.0
150	157.5	0.0	347.8

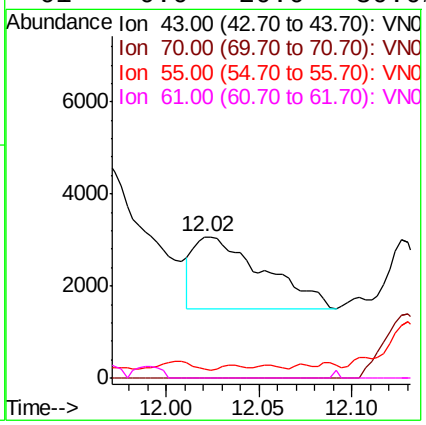


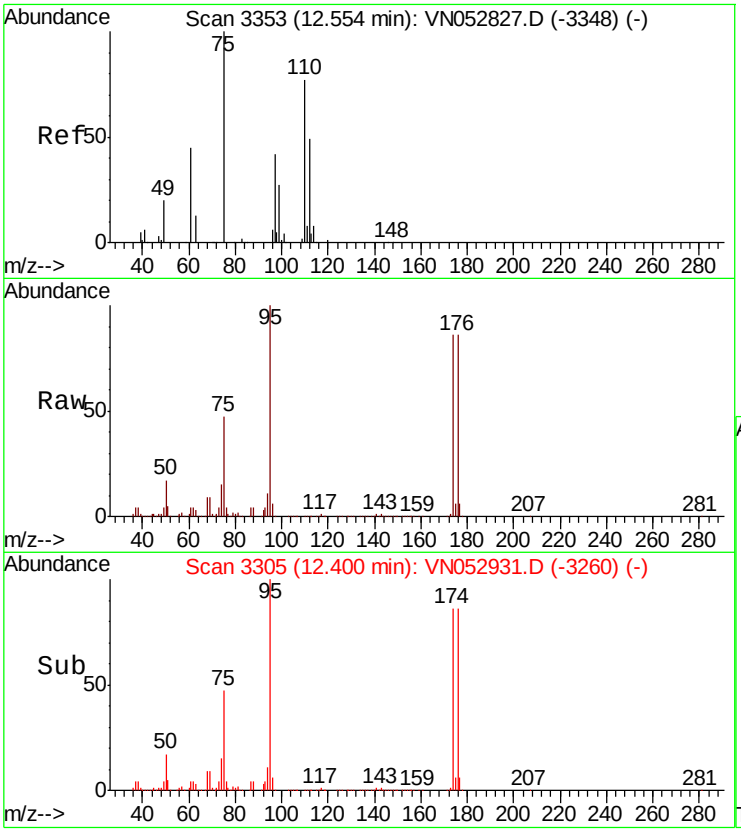


#74
N-amyl acetate
Concen: 0.271 ug/l
RT: 12.02 min Scan# 3187
Delta R.T. -0.05 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion: 43 Resp: 4116

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.4#
55	5.0	20.3	30.5#
61	0.0	20.0	30.0#



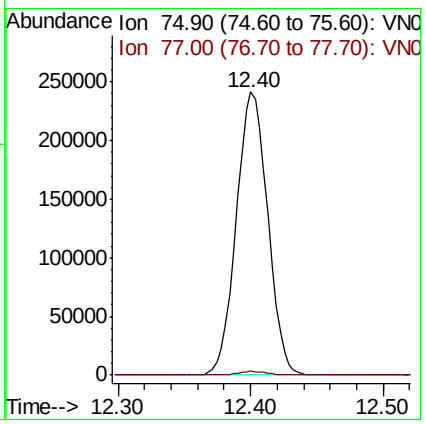


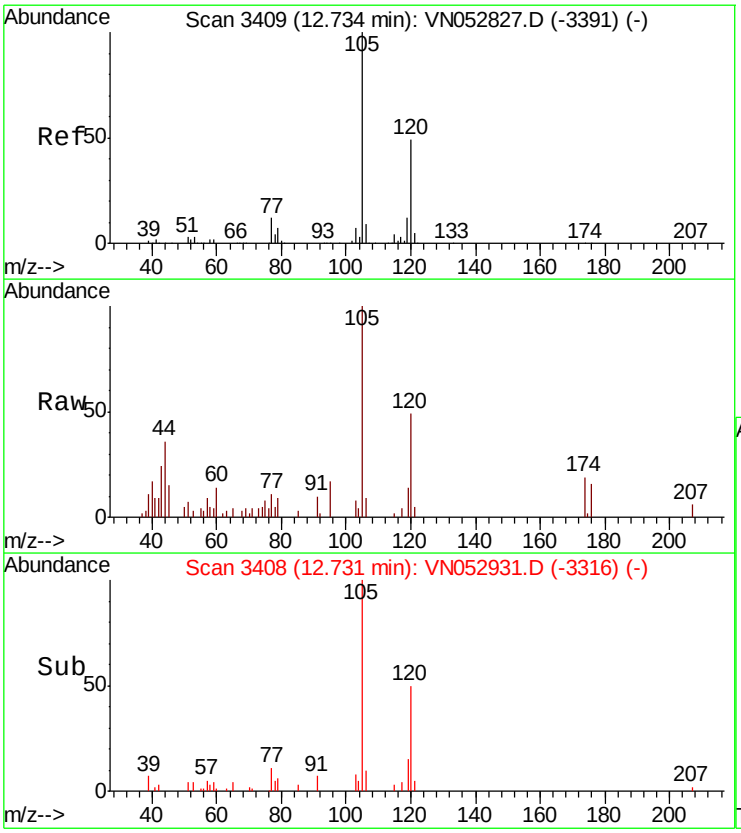
#76
1,2,3-Trichloropropane
Concen: 36.191 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 396318

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

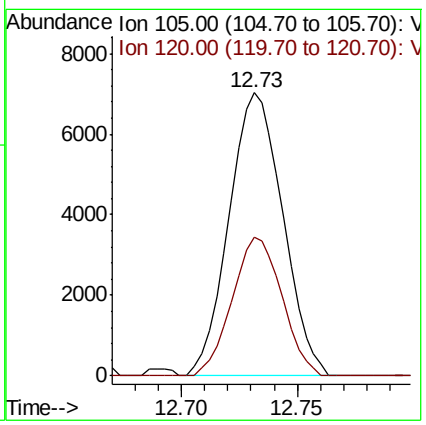


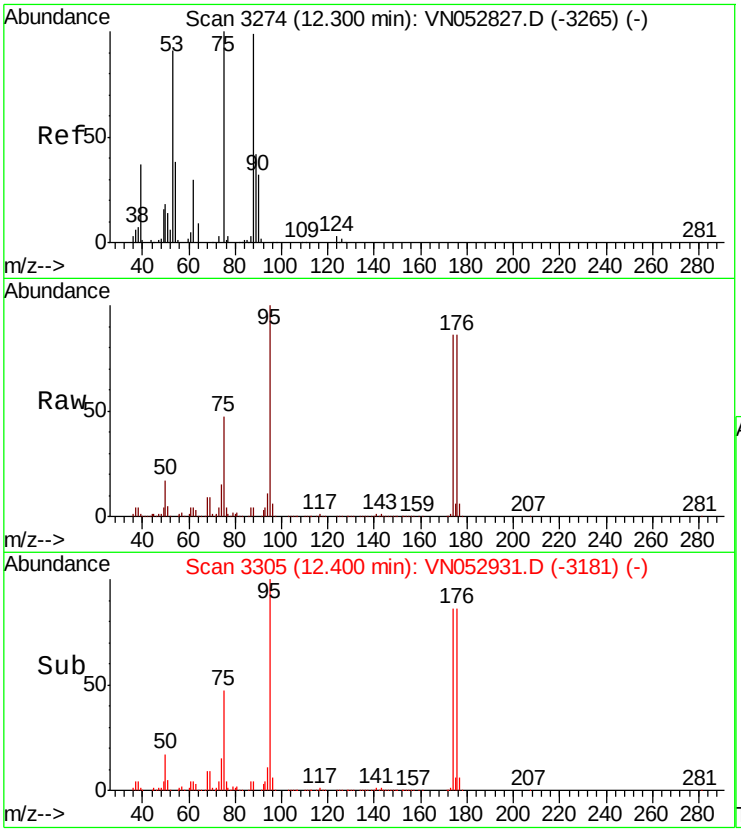


#80
1,3,5-Trimethylbenzene
Concen: 0.253 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Tgt Ion:105 Resp: 11308

Ion	Ratio	Lower	Upper
105	100		
120	45.1	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 116.262 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052931.D
Acq: 17 Dec 2018 16:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 396318

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