Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053086.D
Acq On : 21 Dec 2018 5:16
Operator : MD\SY
Sample : J6493-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 21 07:12:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1286860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1989107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1730570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645002	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
35) Dibromofluoromethane	7.59	113	544681	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.90%			
50) Toluene-d8	10.09	98	2394950	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
62) 4-Bromofluorobenzene	12.40	95	783492	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.50%			
Target Compounds						Qvalue
14) Allyl chloride	4.55	41	107672	5.667	ug/l #	24
16) Acetone	3.82	43	22509	8.791	ug/l	98
18) Methyl Acetate	4.34	43	4984	1.412	ug/l #	72
20) Methylene Chloride	4.56	84	3053533	218.622	ug/l	98
25) 2-Butanone	6.84	43	2187	0.509	ug/l #	87
29) Tetrahydrofuran	7.22	42	1857	0.579	ug/l #	76
31) Cyclohexane	7.67	56	20961	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	83464	4.372	ug/l #	48
38) Carbon Tetrachloride	7.67	117	110357	6.306	ug/l #	16
43) Isopropyl Acetate	8.17	43	53191	1.567	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	3137	0.212	ug/l #	44
48) Methyl methacrylate	9.18	41	15256	1.475	ug/l #	12
49) 1,4-Dioxane	9.27	88	188	1.437	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	17348	1.681	ug/l #	35
52) Toluene	10.16	92	7794	0.221	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	120929	5.470	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	23591	1.120	ug/l #	42
59) 2-Hexanone	10.76	43	307003	43.962	ug/l #	50
67) Ethyl Benzene	11.51	91	20019	0.303	ug/l	95
68) m/p-Xylenes	11.62	106	23001	0.917	ug/l	100
69) o-Xylene	11.95	106	7621	0.317	ug/l	90
74) N-amyl acetate	11.88	43	37512	2.393	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	364096	29.970	ug/l #	100
77) Bromobenzene	12.56	156	327210	22.293	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	18565	0.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	364096	96.597	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	30522	0.660	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	349	0.623	ug/l #	1
95) Naphthalene	15.14	128	161243	6.699	ug/l	99

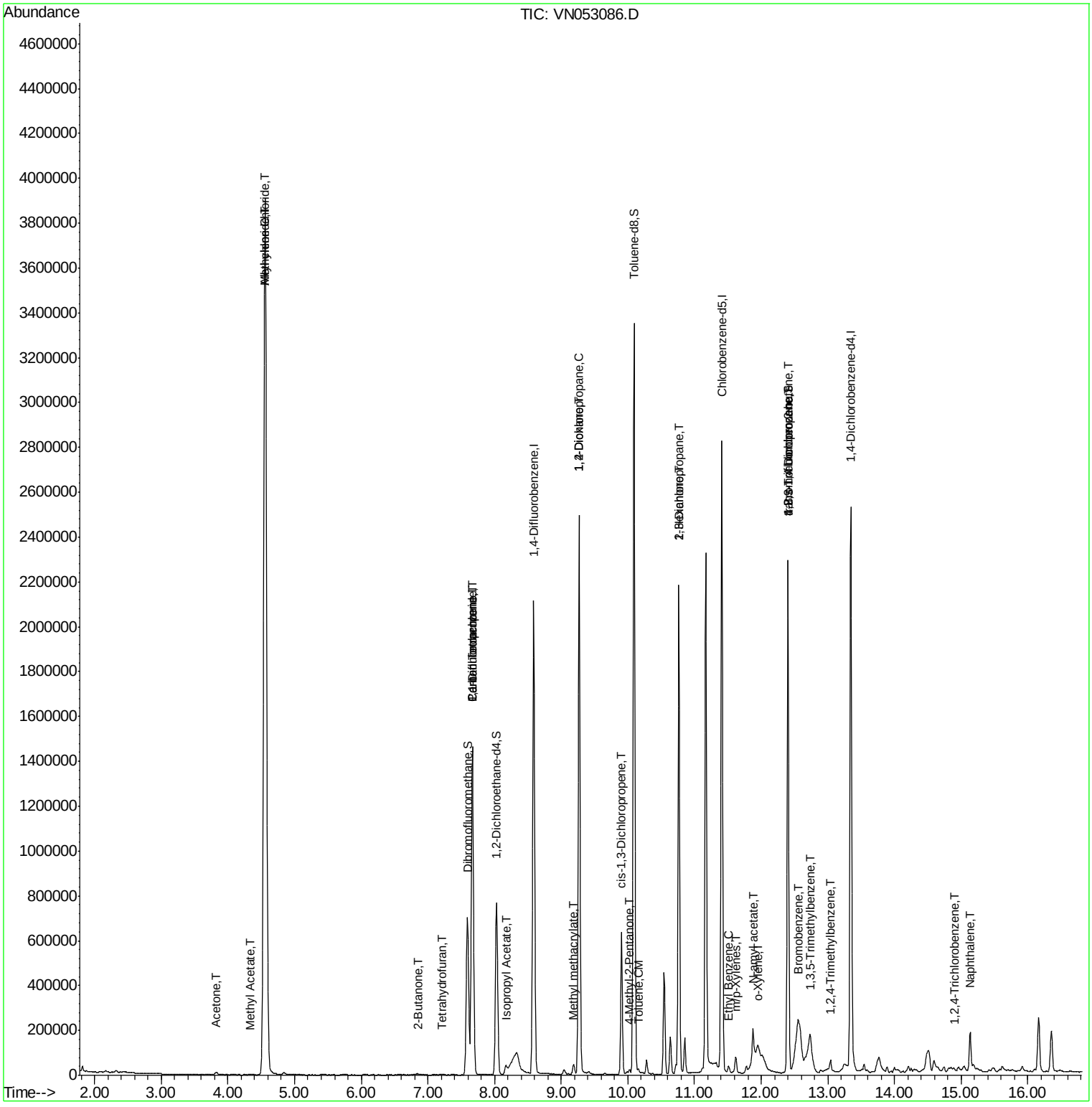
(#) = qualifier out of range (m) = manual integration (+) = signals summed

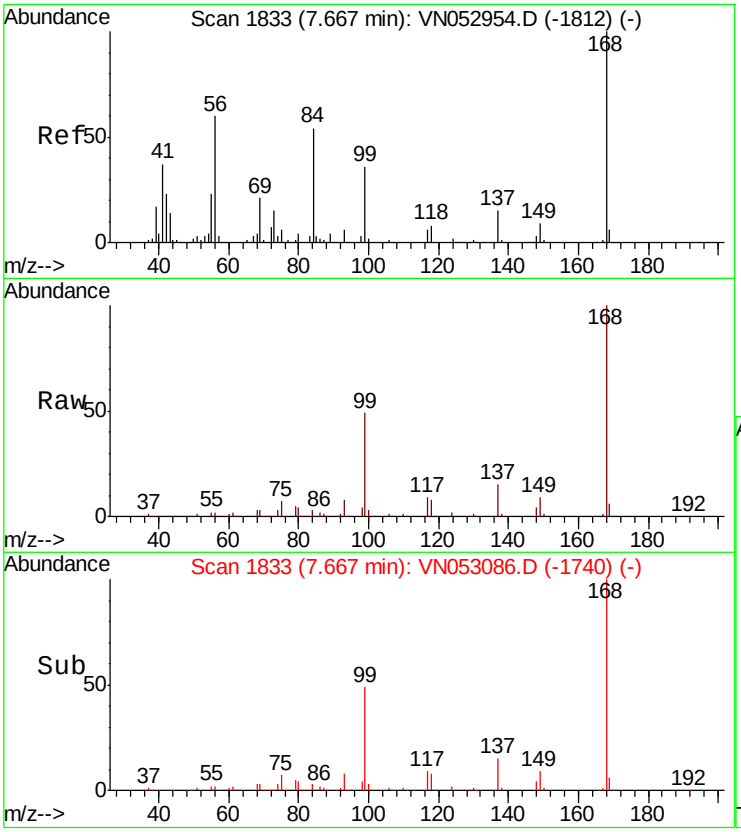
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053086.D
Acq On : 21 Dec 2018 5:16
Operator : MD\SY
Sample : J6493-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 07:12:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



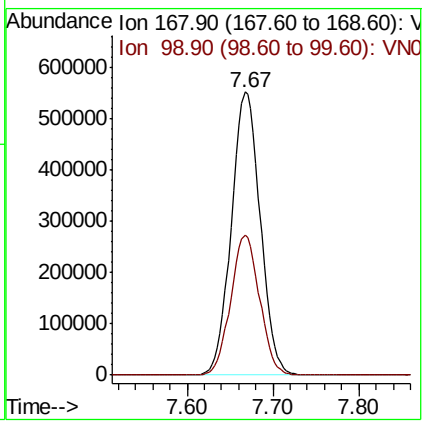


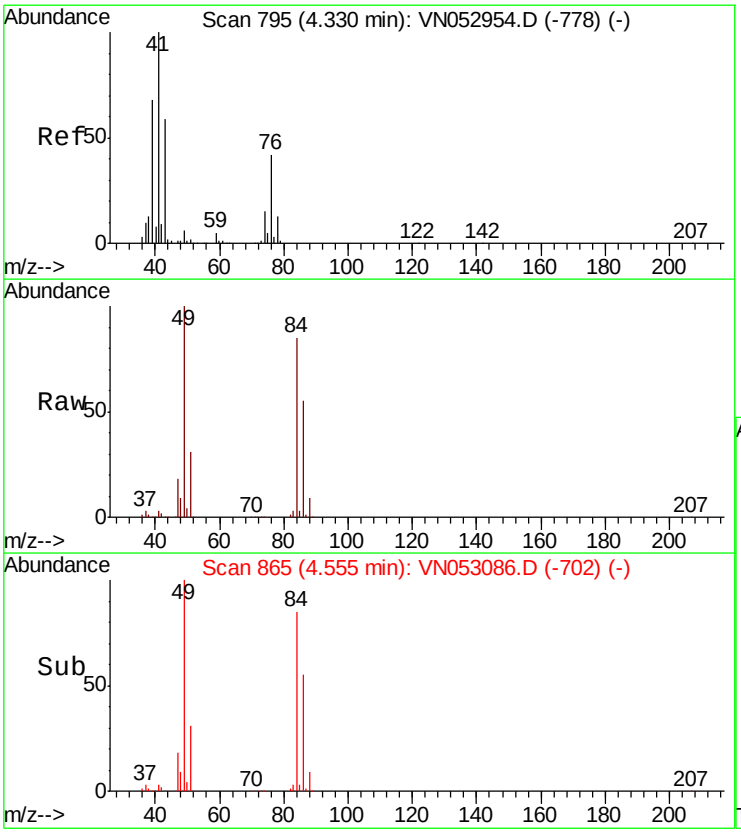
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1286860

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.2	60.2

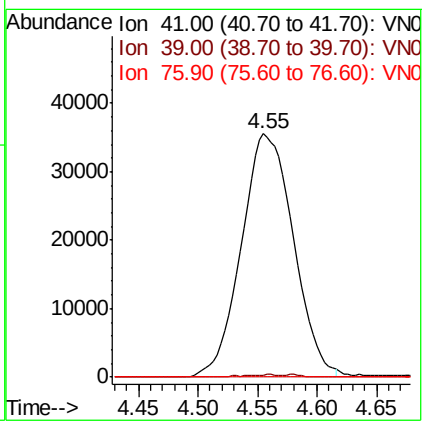


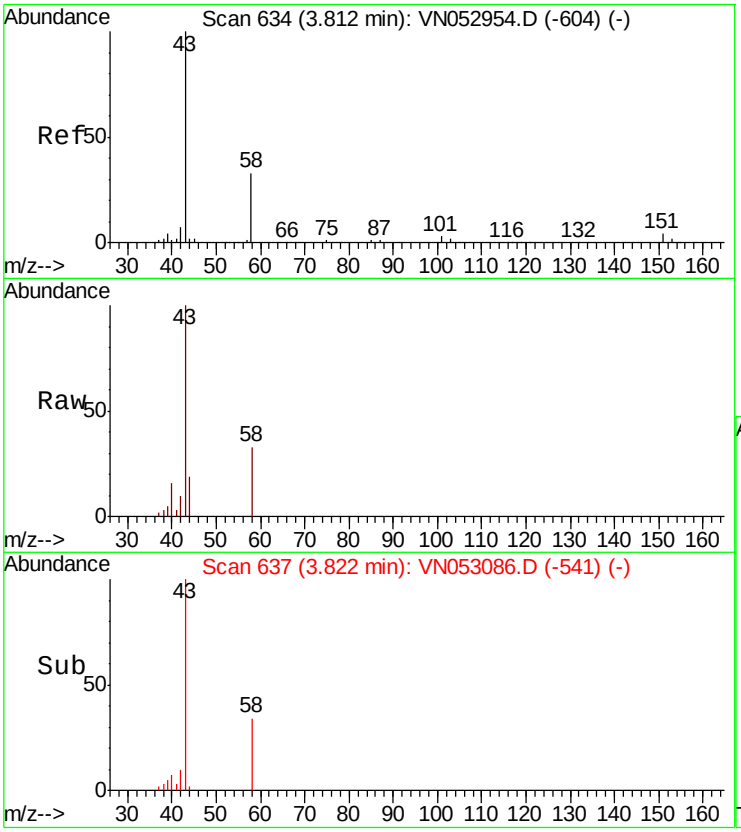


#14
Allyl chloride
Concen: 5.667 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 41 Resp: 107672

Ion	Ratio	Lower	Upper
41	100		
39	0.3	54.1	81.1#
76	0.0	30.3	45.5#



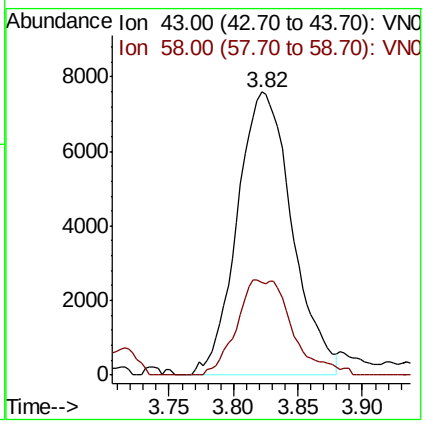


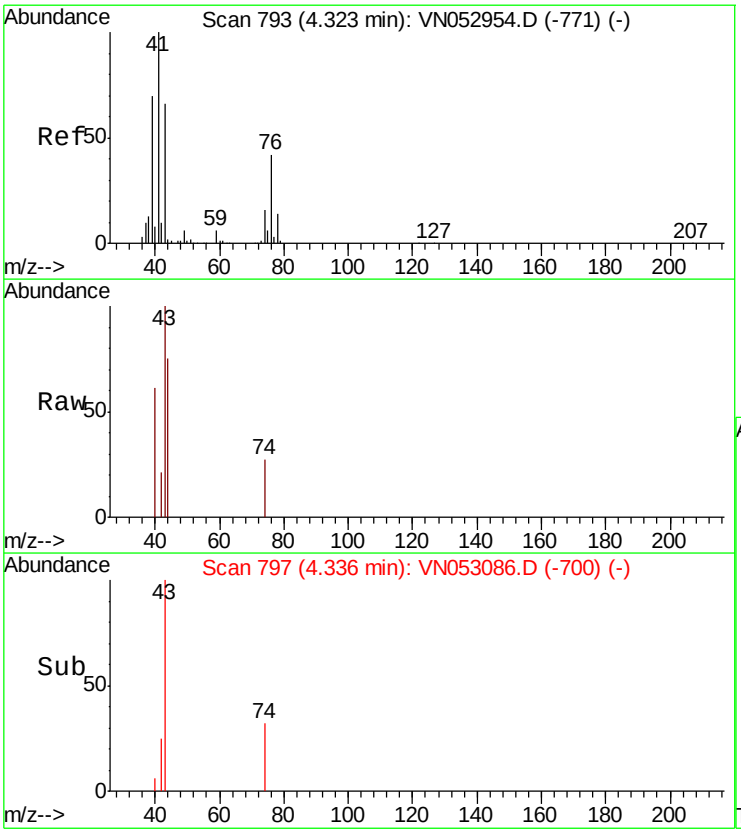
#16
Acetone
Concen: 8.791 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 22509

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0

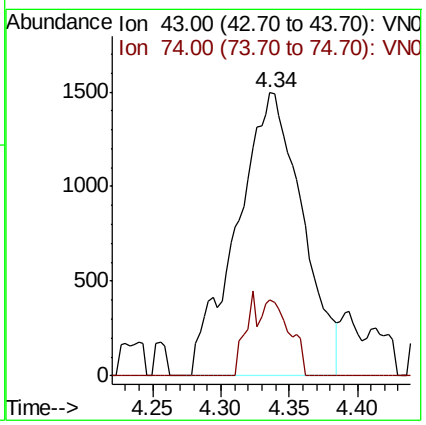


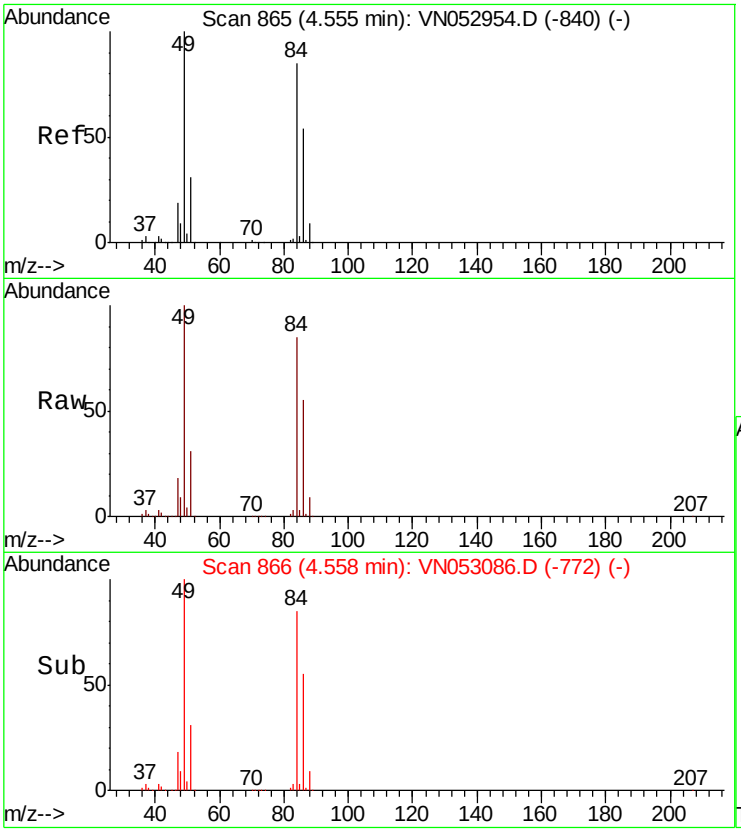


#18
Methyl Acetate
Concen: 1.412 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 4984

Ion	Ratio	Lower	Upper
43	100		
74	10.3	19.2	28.8#



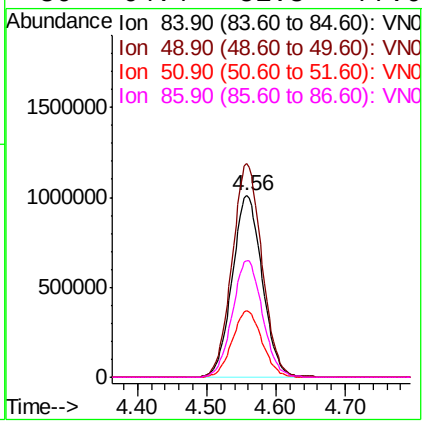


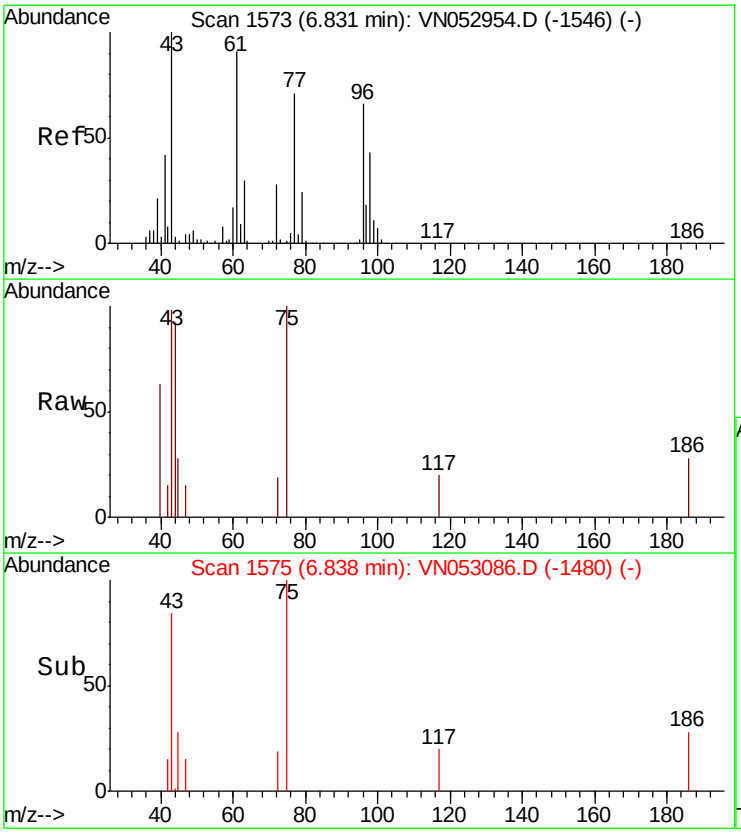
#20
Methylene Chloride
Concen: 218.622 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 3053533

Ion	Ratio	Lower	Upper
84	100		
49	117.8	96.8	145.2
51	36.7	29.9	44.9
86	64.4	51.8	77.6

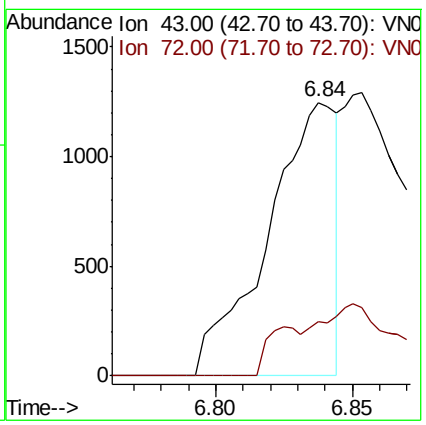


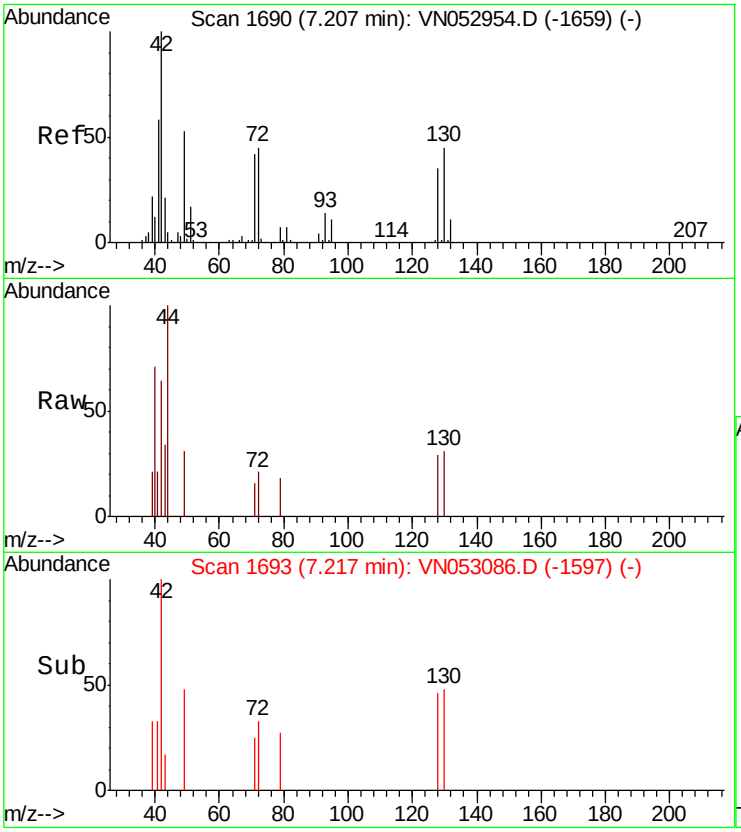


#25
2-Butanone
Concen: 0.509 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 2187

Ion	Ratio	Lower	Upper
43	100		
72	19.7	21.0	31.6#



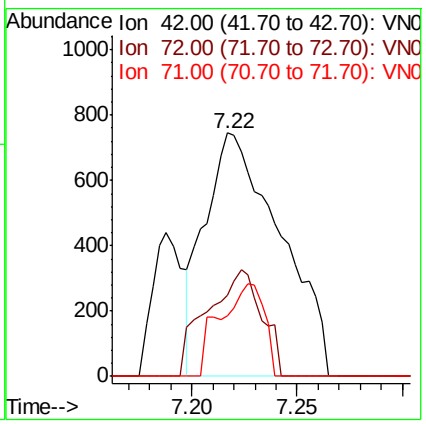


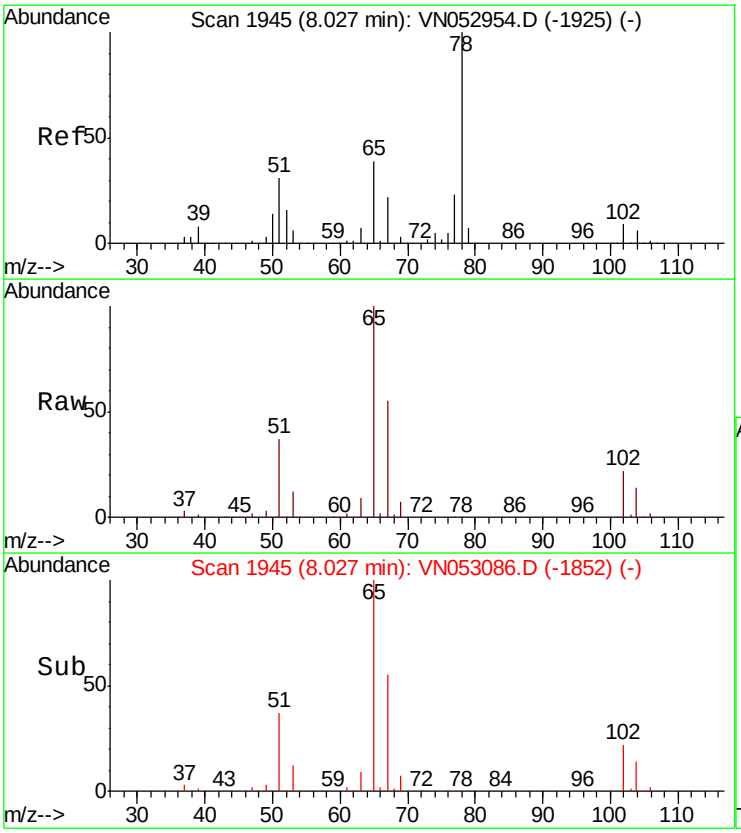
#29
Tetrahydrofuran
Concen: 0.579 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1857

Ion	Ratio	Lower	Upper
42	100		
72	31.7	34.7	52.1#
71	22.2	32.3	48.5#

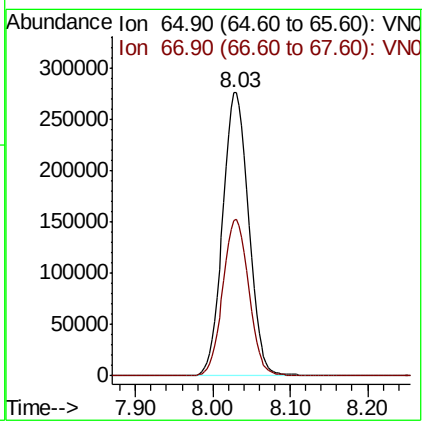


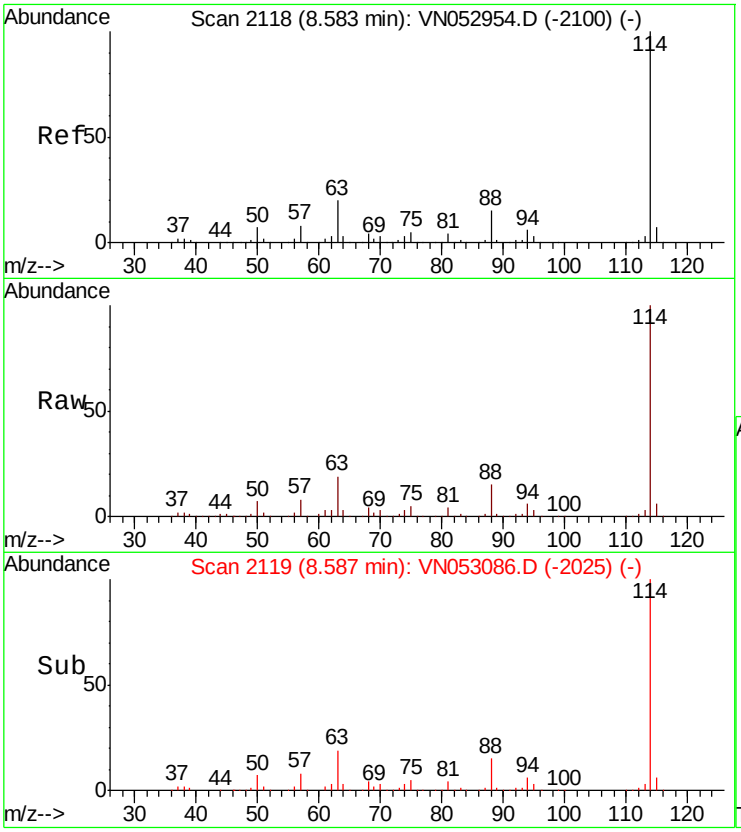


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 65 Resp: 645002

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.4



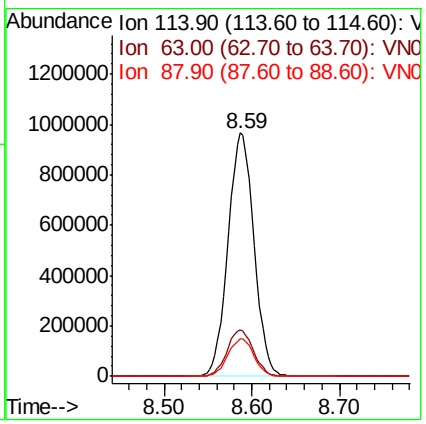


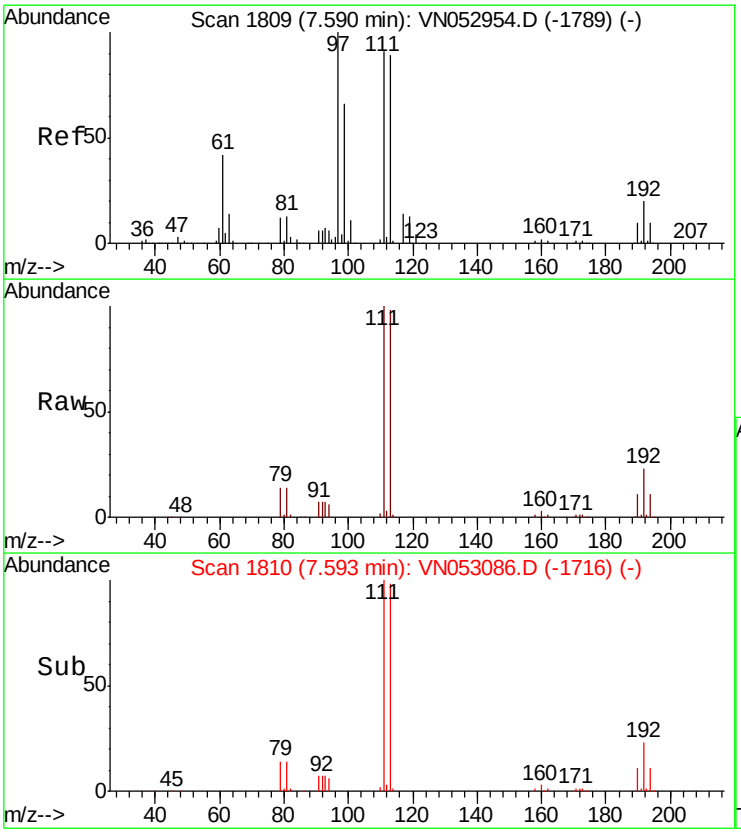
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 1989107

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.8
88	15.3	0.0	31.0

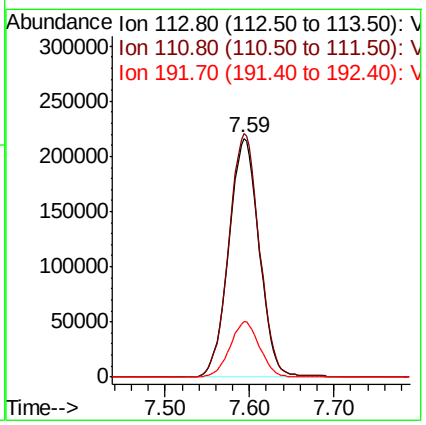


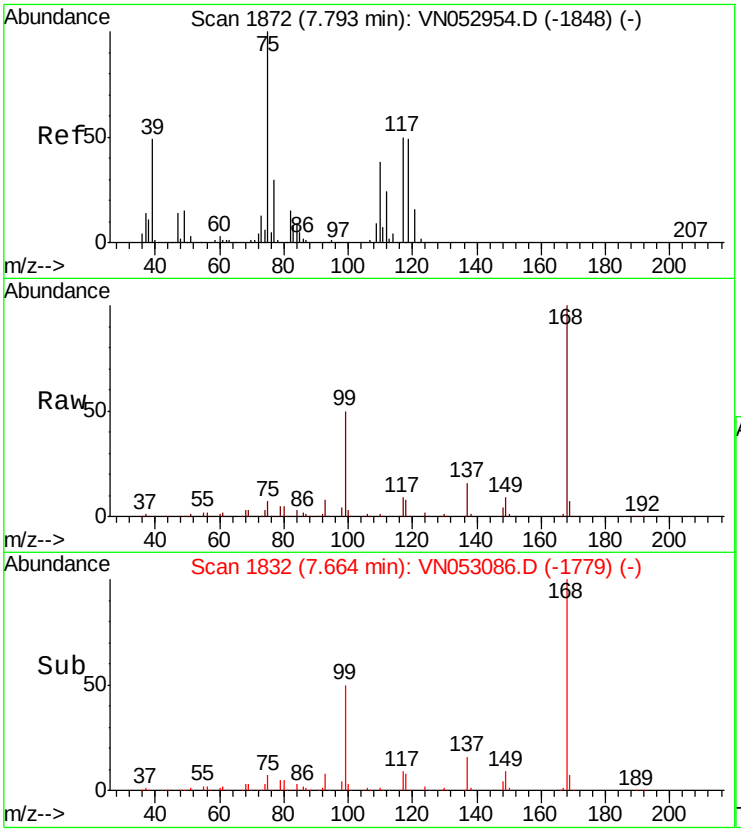


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:113 Resp: 544681

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.6	17.5	26.3



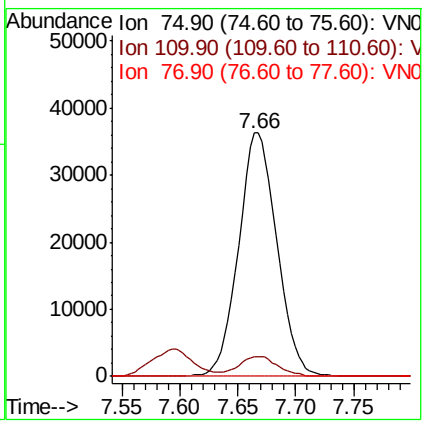


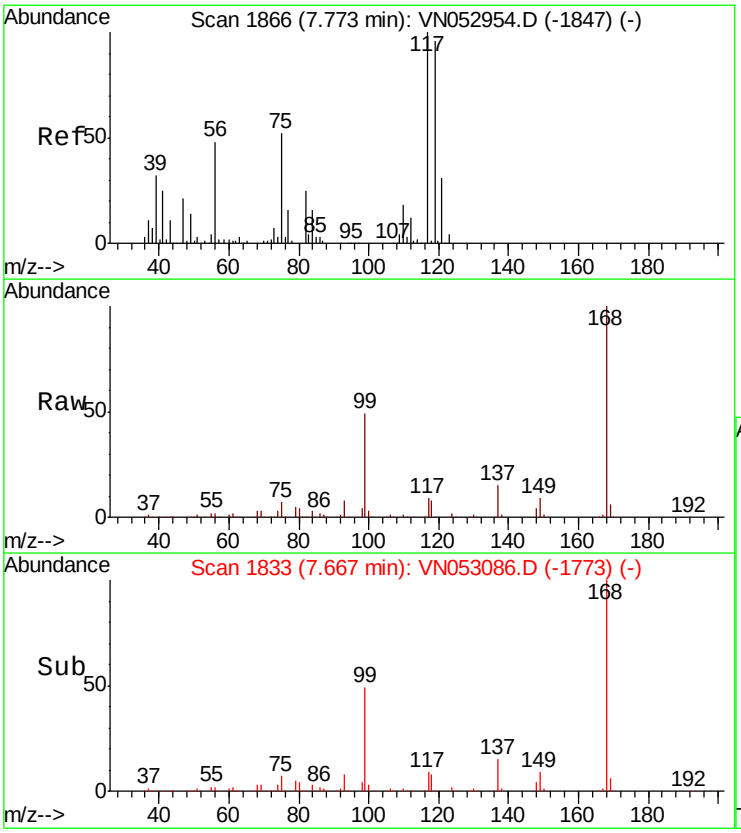
#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 83464

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

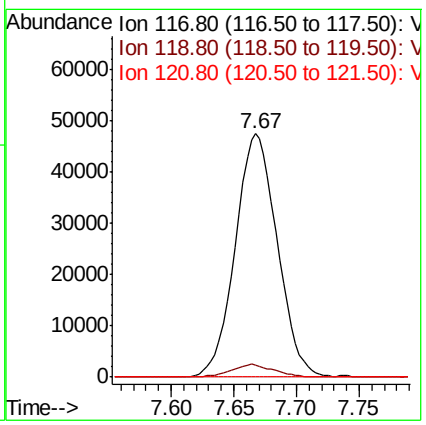


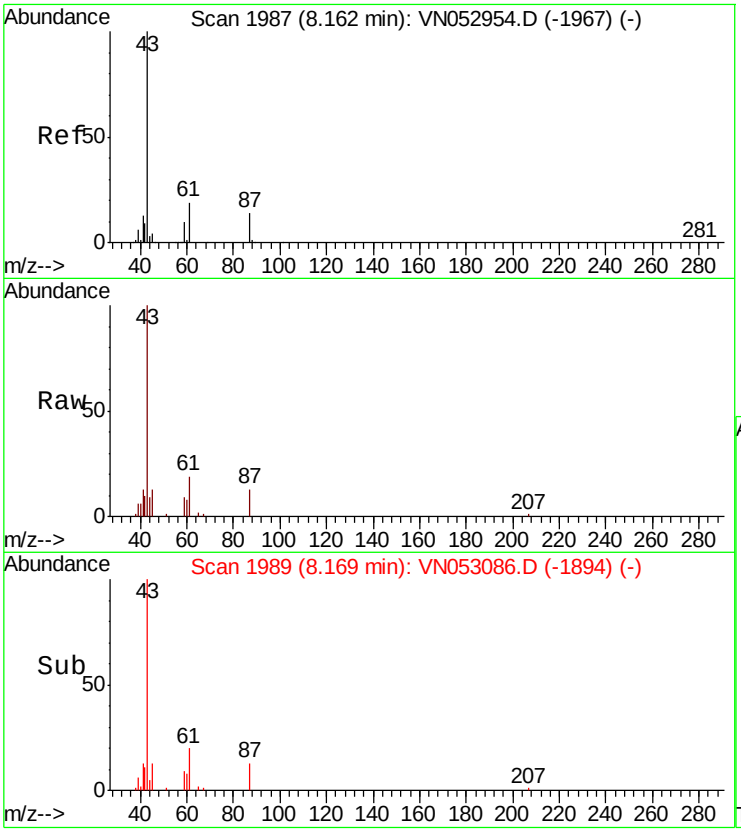


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:117 Resp: 110357

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	24.9	37.3#



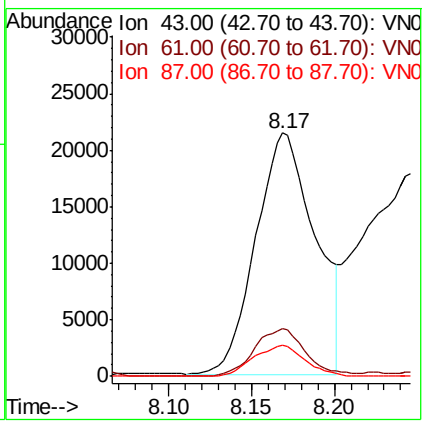


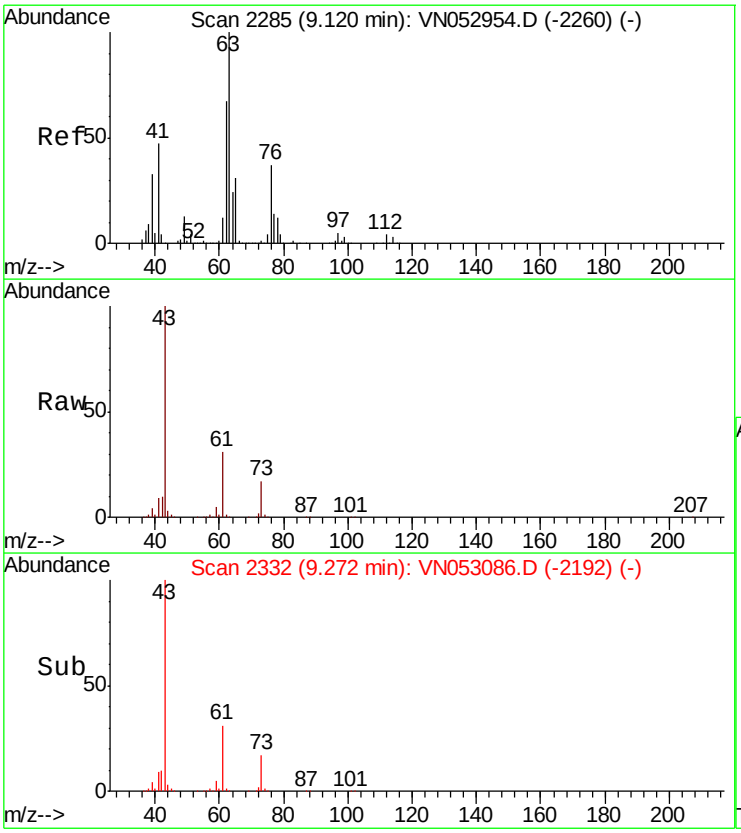
#43
Isopropyl Acetate
Concen: 1.567 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 53191

Ion	Ratio	Lower	Upper
43	100		
61	17.2	22.9	34.3#
87	11.2	10.6	15.8

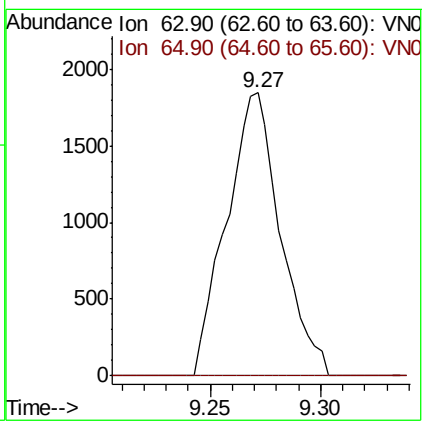


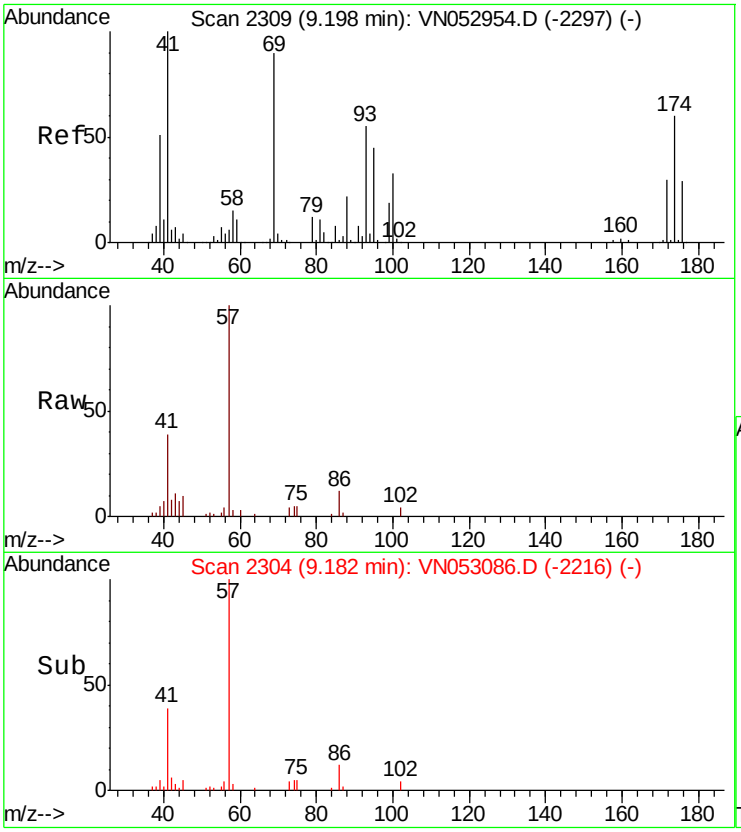


#45
1,2-Dichloropropane
Concen: 0.212 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 63 Resp: 3137

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



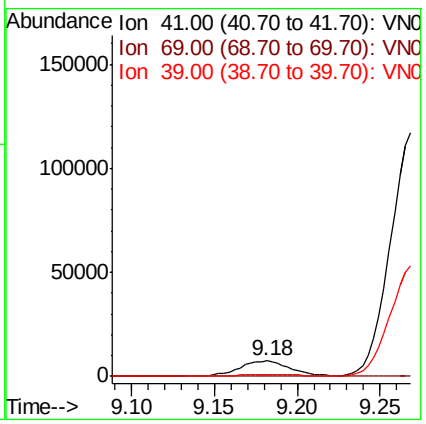


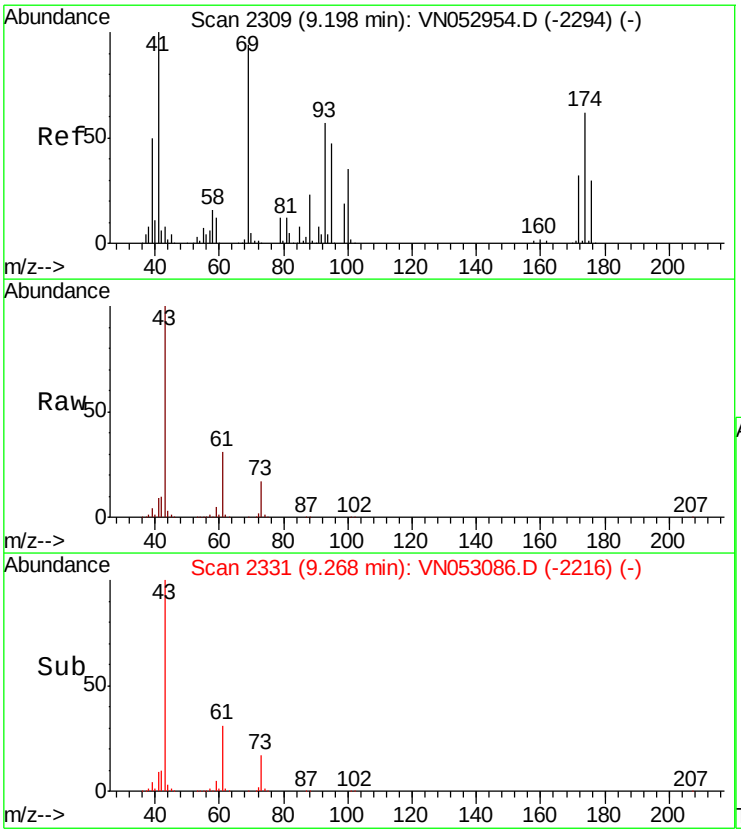
#48
Methyl methacrylate
Concen: 1.475 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 15256

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

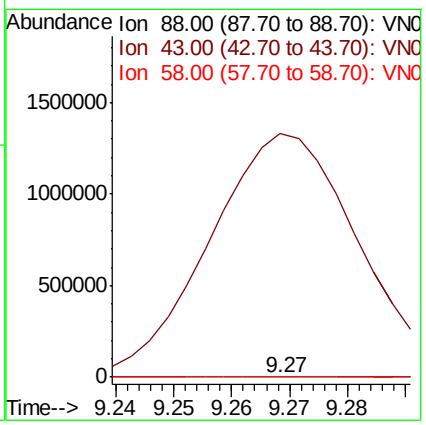


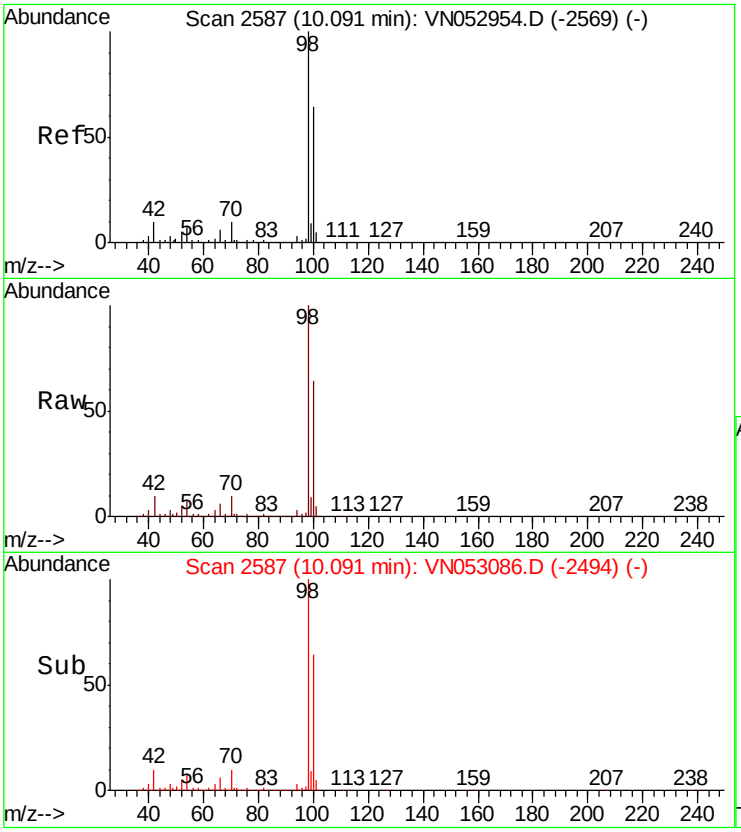


#49
1,4-Dioxane
Concen: 1.437 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	1287112.8	26.6	40.0#
58	5076.6	58.4	87.6#



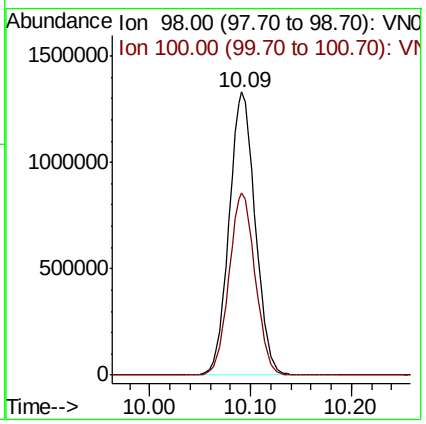


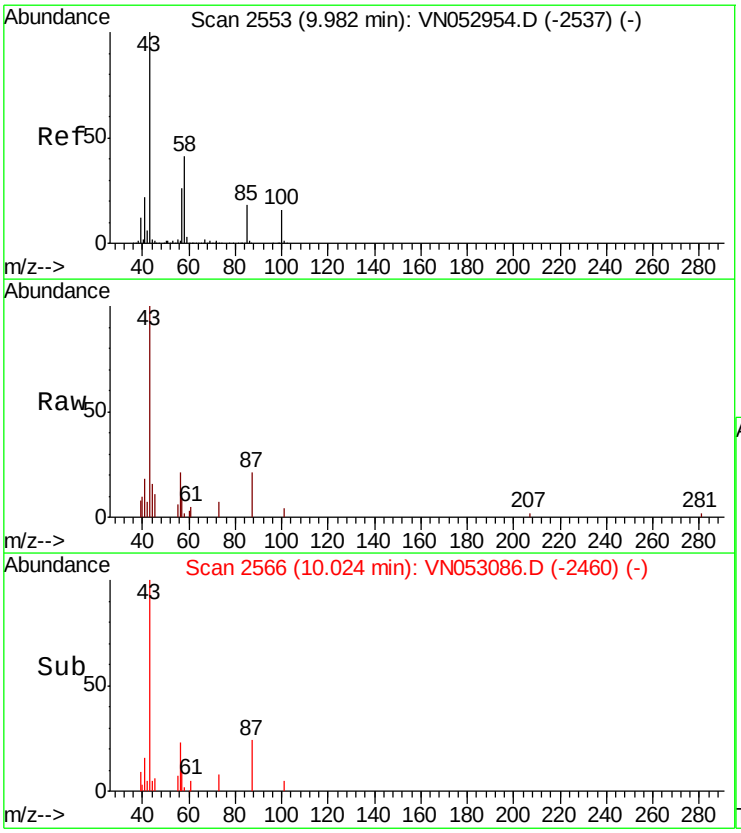
#50
Toluene-d8
Concen: 1.437 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2394950

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

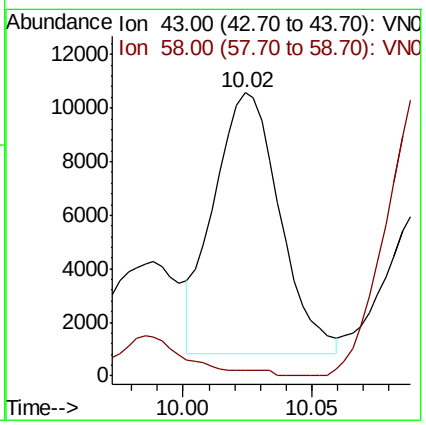


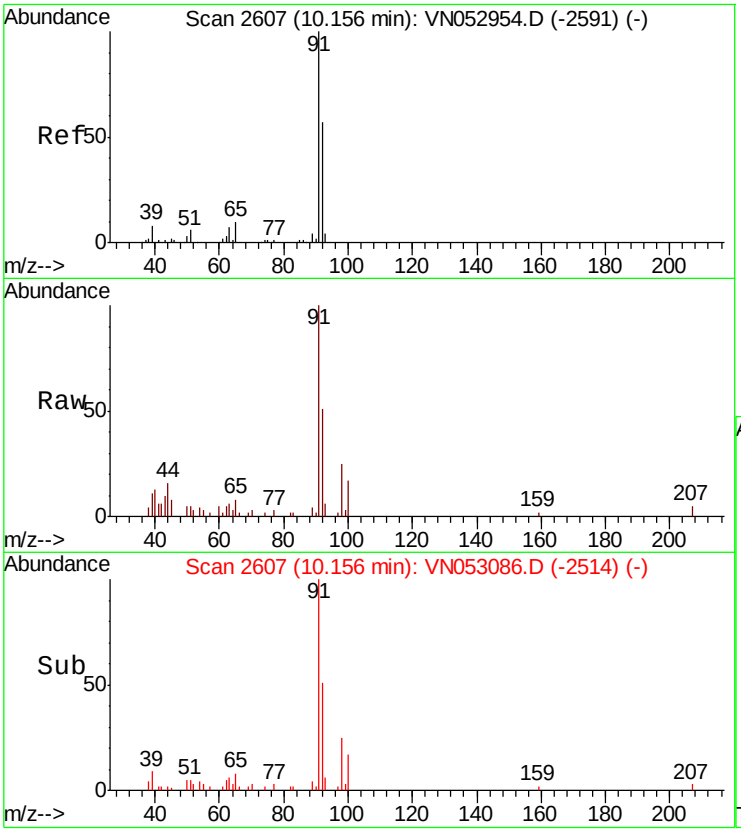


#51
4-Methyl-2-Pentanone
Concen: 1.681 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 17348

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.2	48.4#



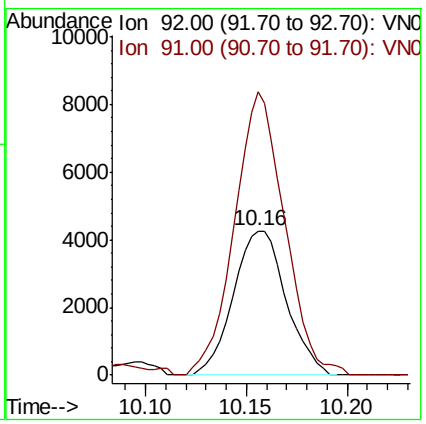


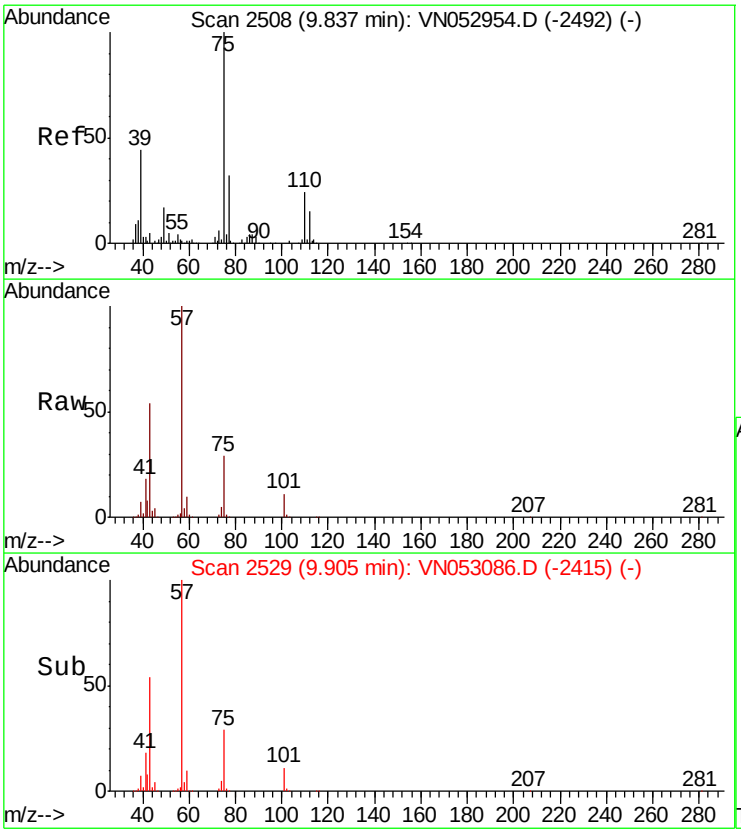
#52
Toluene
Concen: 0.221 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 7794

Ion	Ratio	Lower	Upper
92	100		
91	186.8	139.8	209.6

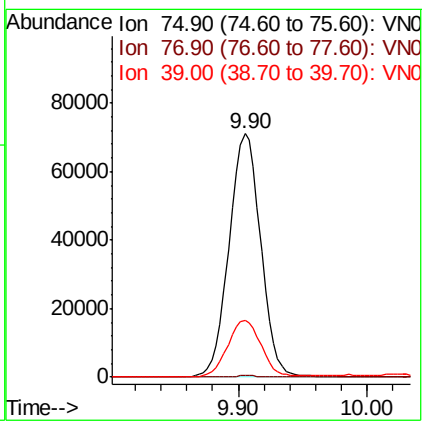


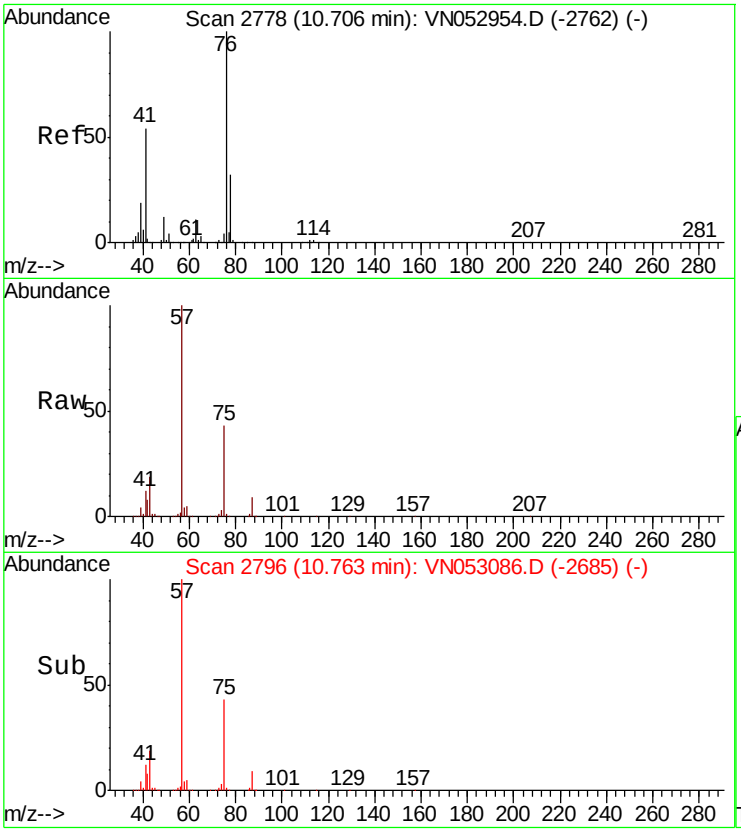


#54
cis-1,3-Dichloropropene
Concen: 5.470 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 75 Resp: 120929

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.8#
39	23.2	34.8	52.2#



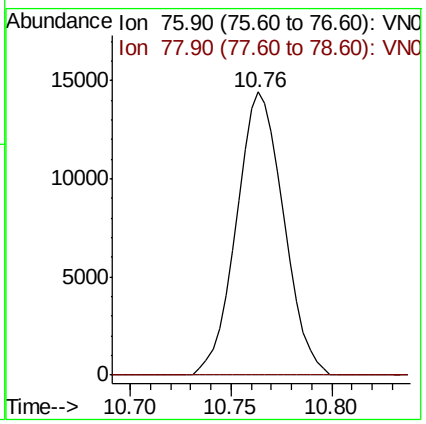


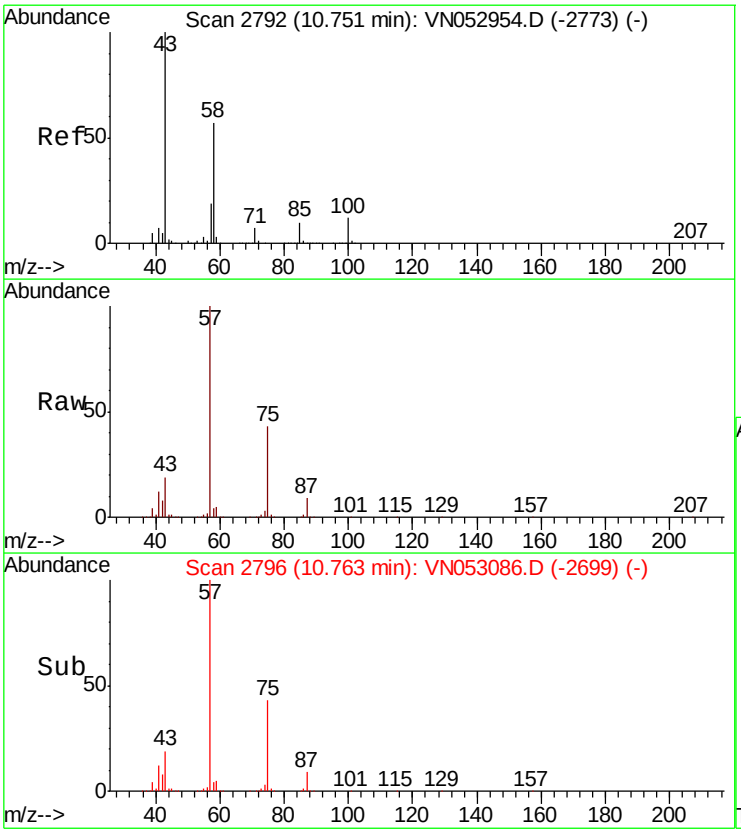
#57
1,3-Dichloropropane
Concen: 1.120 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 23591

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

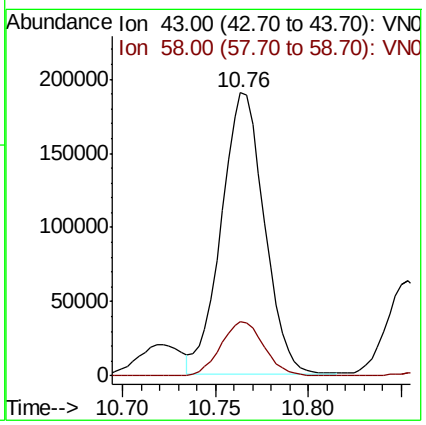


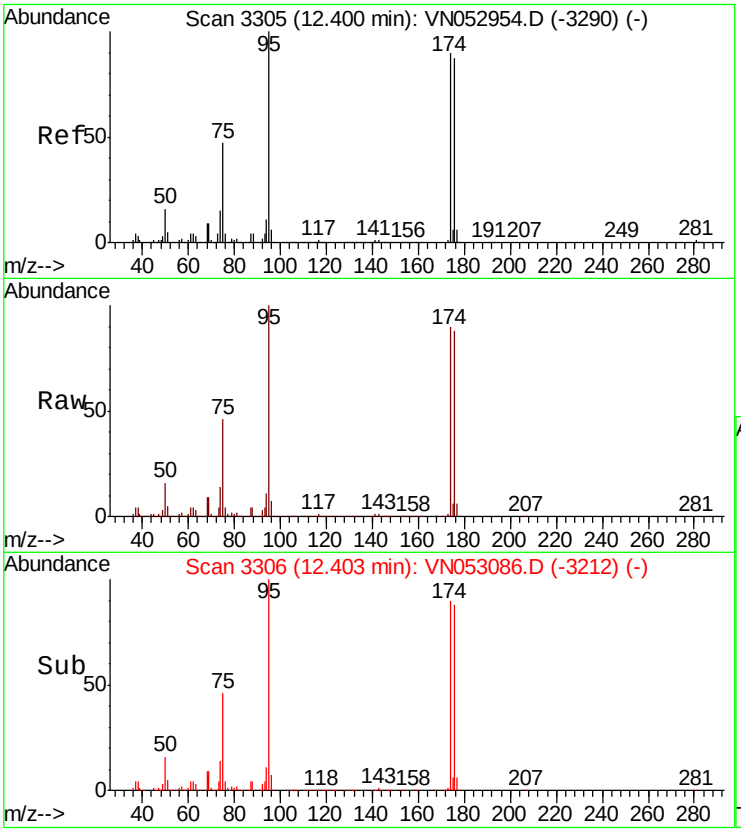


#59
2-Hexanone
Concen: 43.962 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 43 Resp: 307003

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.1	84.3#



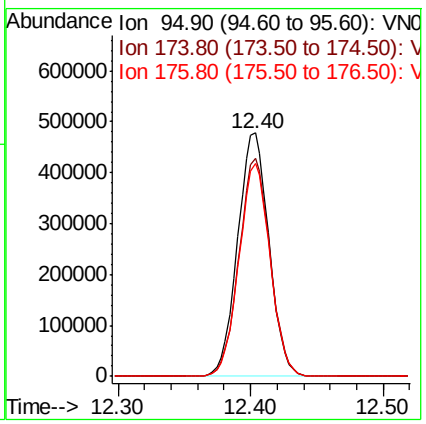


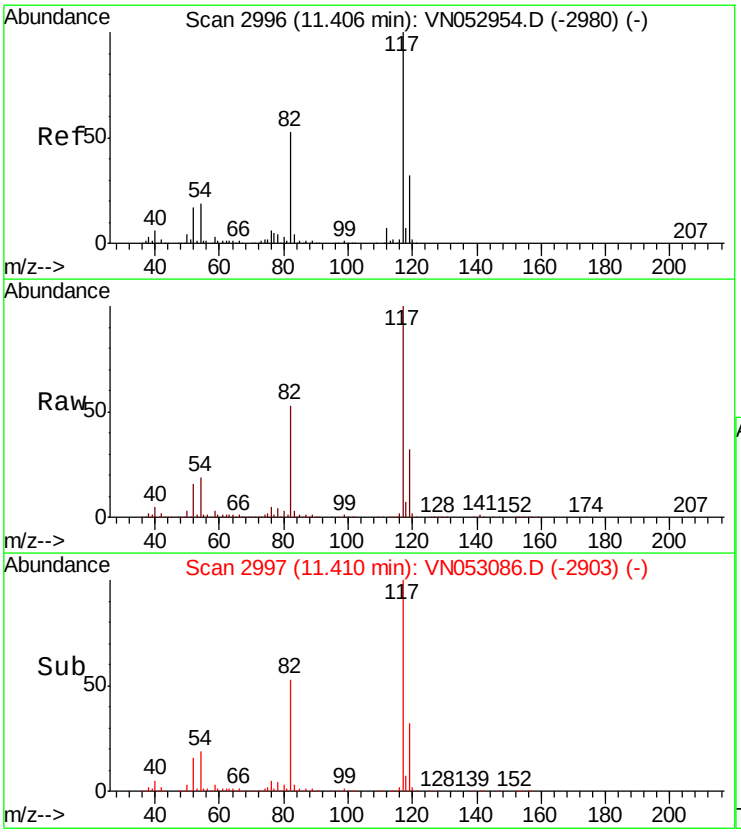
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 783492

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	178.8
176	86.9	0.0	173.8

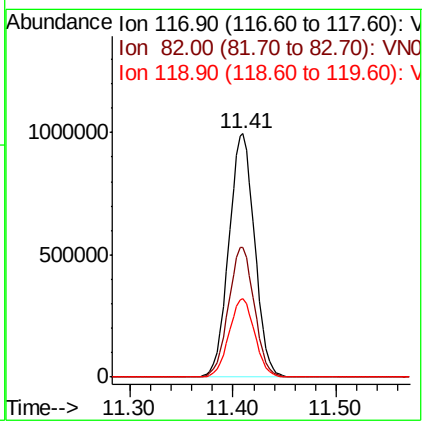


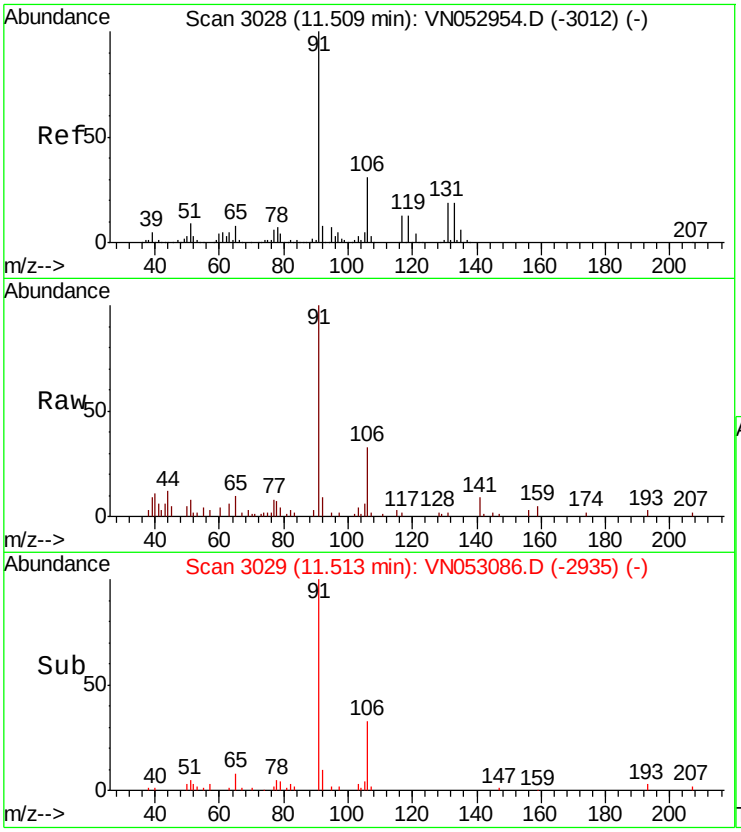


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:117 Resp: 1730570

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.8	64.2
119	32.1	25.5	38.3



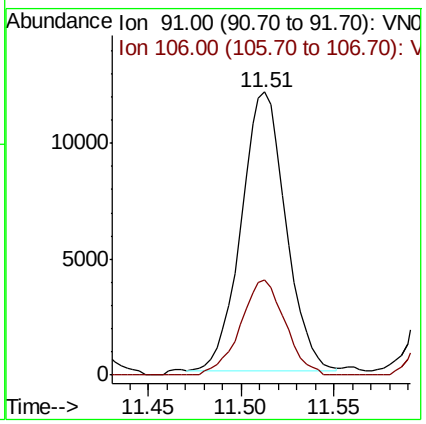


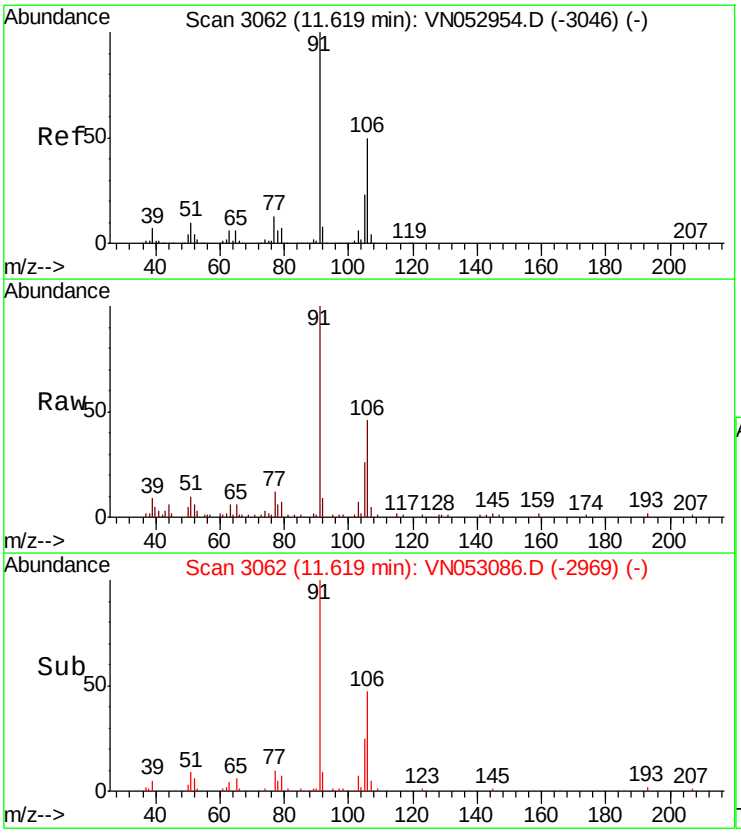
#67
Ethyl Benzene
Concen: 0.303 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 20019

Ion	Ratio	Lower	Upper
91	100		
106	34.0	24.9	37.3

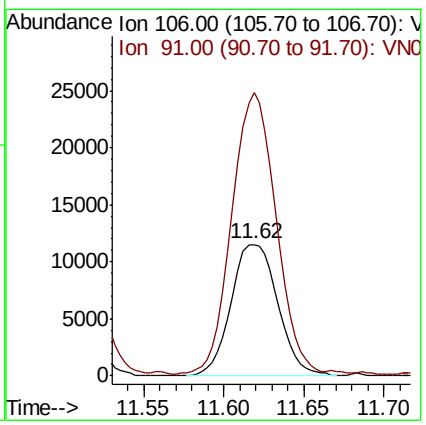


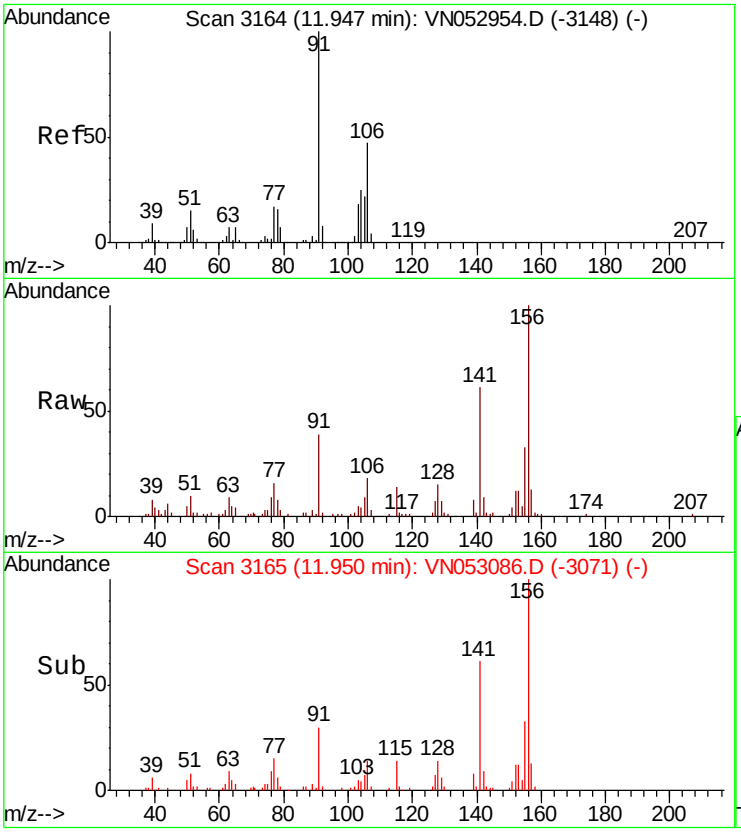


#68
m/p-Xylenes
Concen: 0.917 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:106 Resp: 23001

Ion	Ratio	Lower	Upper
106	100		
91	202.4	162.2	243.4



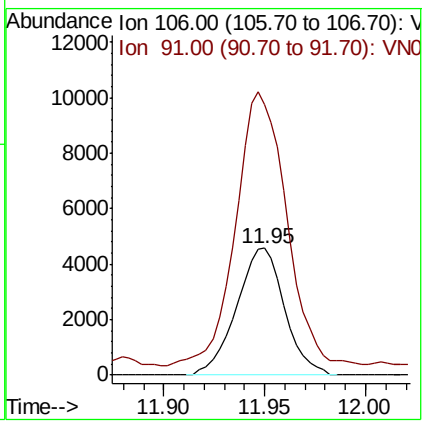


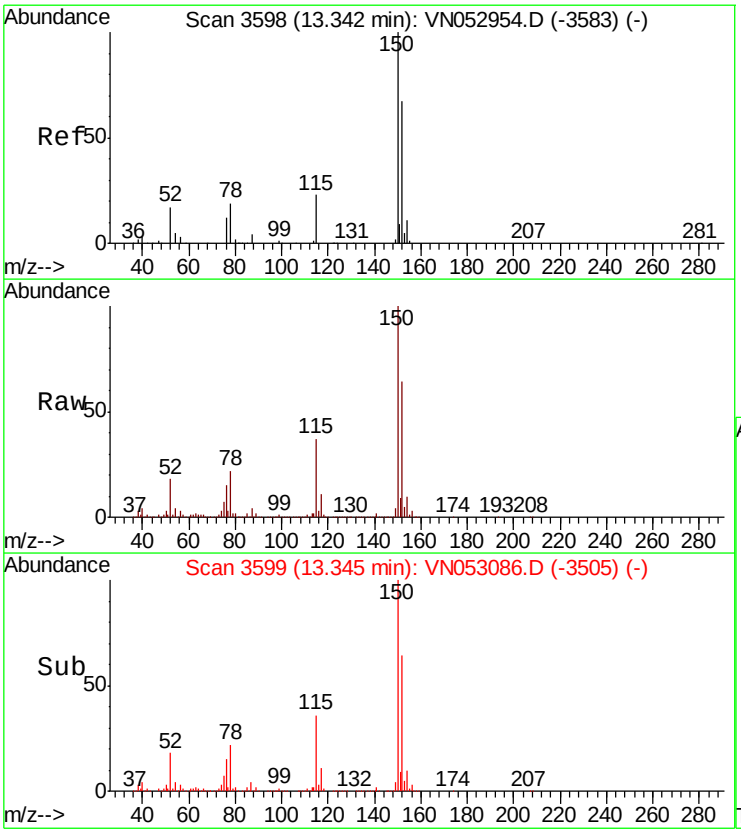
#69
o-Xylene
Concen: 0.317 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 7621

Ion	Ratio	Lower	Upper
106	100		
91	228.9	106.6	319.8

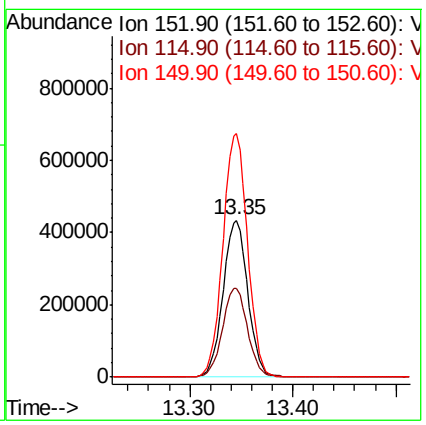


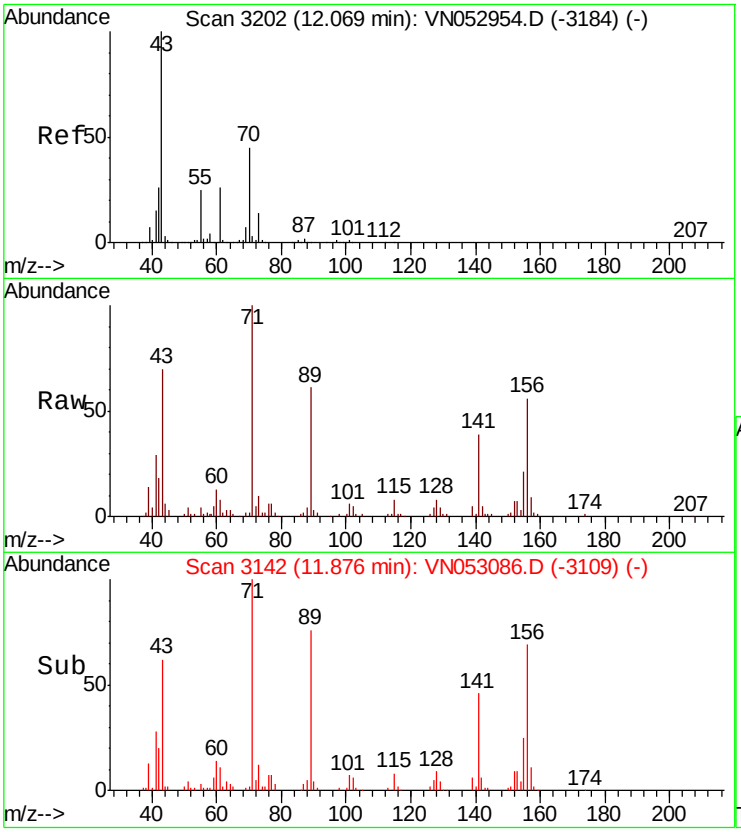


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:152 Resp: 721673

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.3	85.0
150	155.0	0.0	347.8



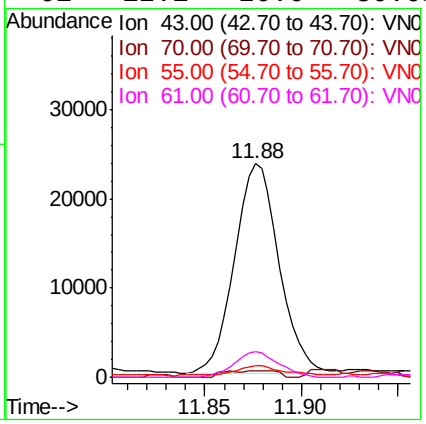


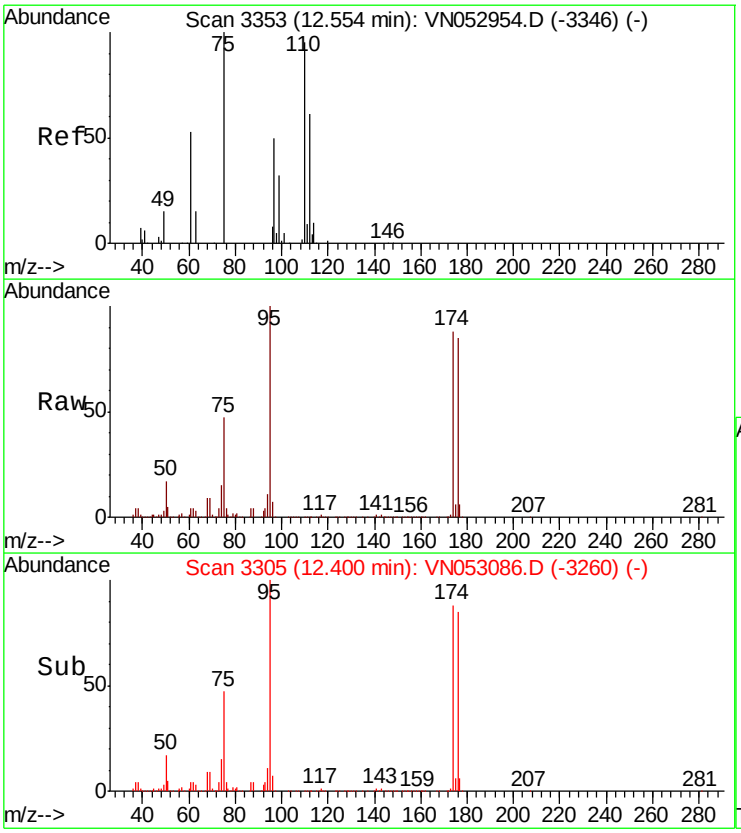
#74
N-amyl acetate
Concen: 2.393 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 37512

Ion	Ratio	Lower	Upper
43	100		
70	1.3	34.2	51.4#
55	4.3	20.3	30.5#
61	12.1	20.0	30.0#

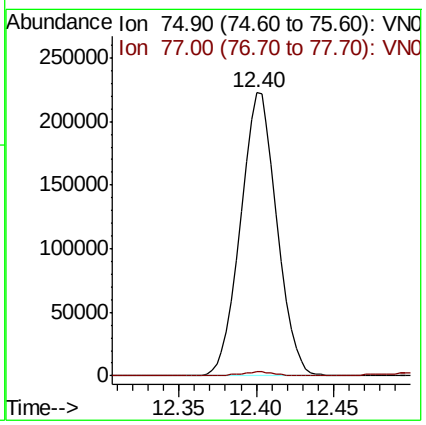


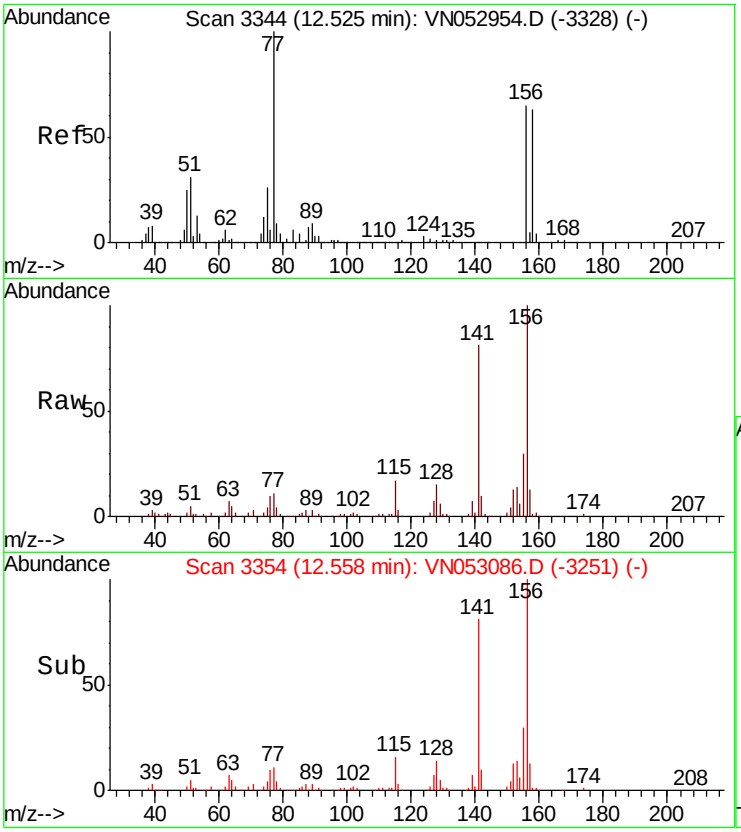


#76
1,2,3-Trichloropropane
Concen: 29.970 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion: 75 Resp: 364096

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



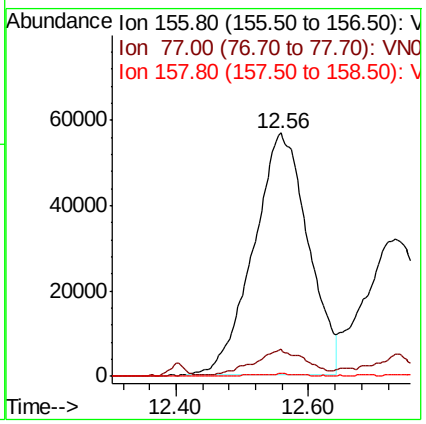


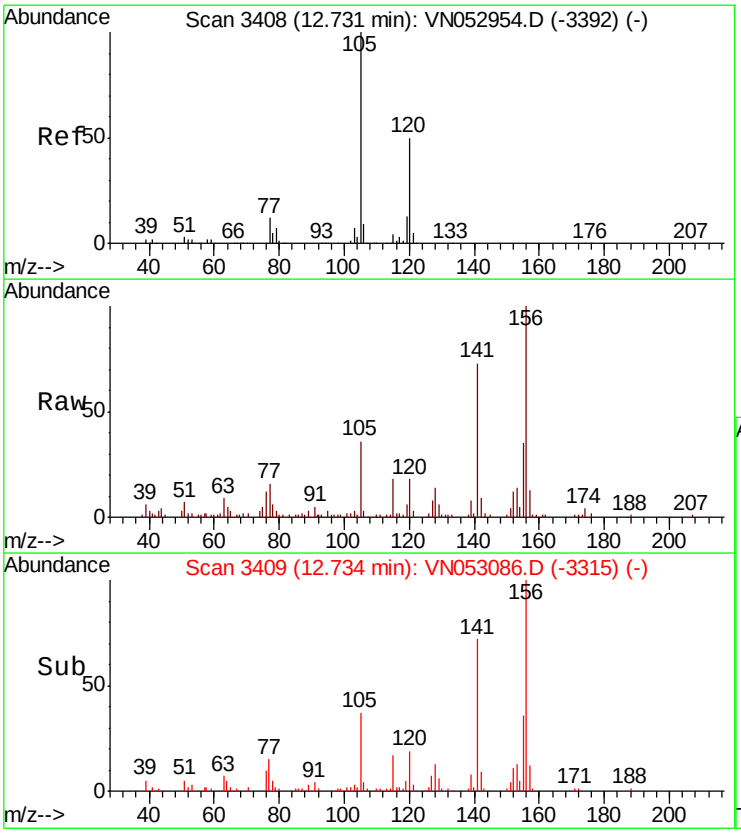
#77
Bromobenzene
Concen: 22.293 ug/l
RT: 12.56 min Scan# 3354
Delta R.T. 0.03 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 327210

Ion	Ratio	Lower	Upper
156	100		
77	6.7	91.3	273.8#
158	0.4	49.0	147.2#

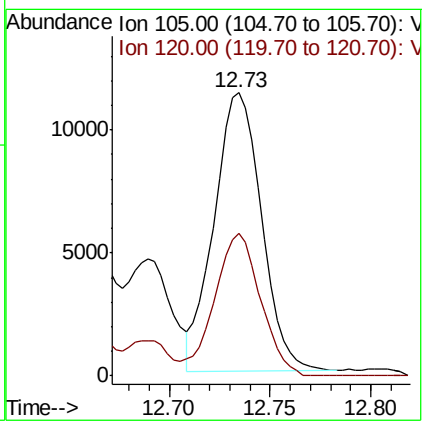


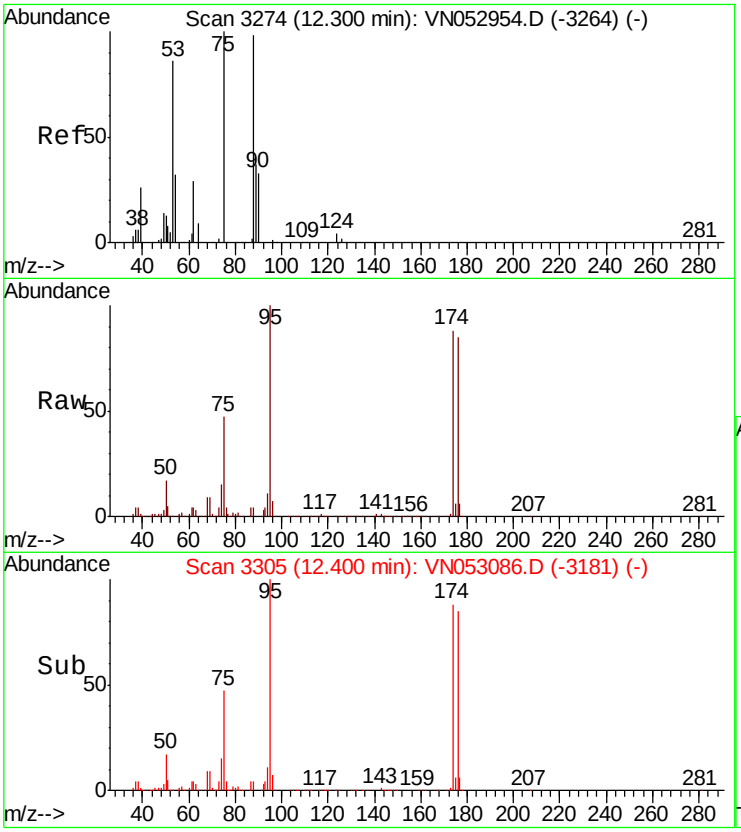


#80
1,3,5-Trimethylbenzene
Concen: 0.403 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:105 Resp: 18565

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.4	73.2



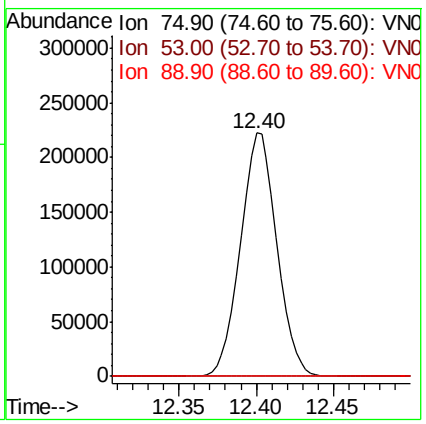


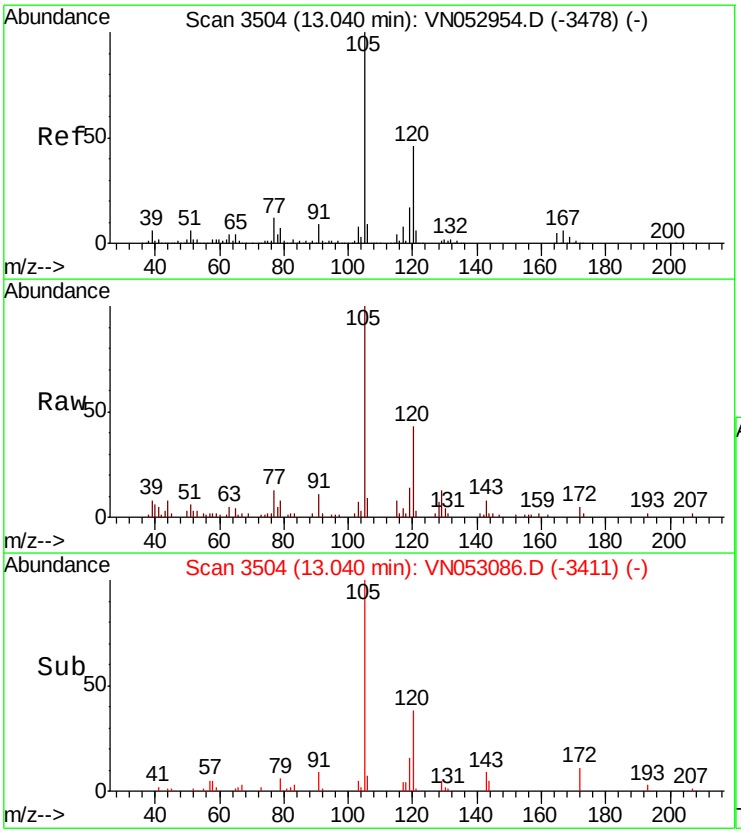
#81
trans-1,4-Dichloro-2-butene
Concen: 96.597 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 364096

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

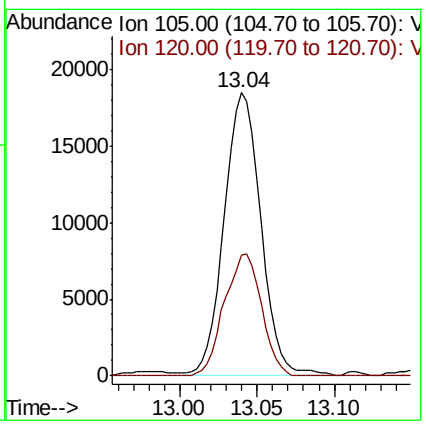


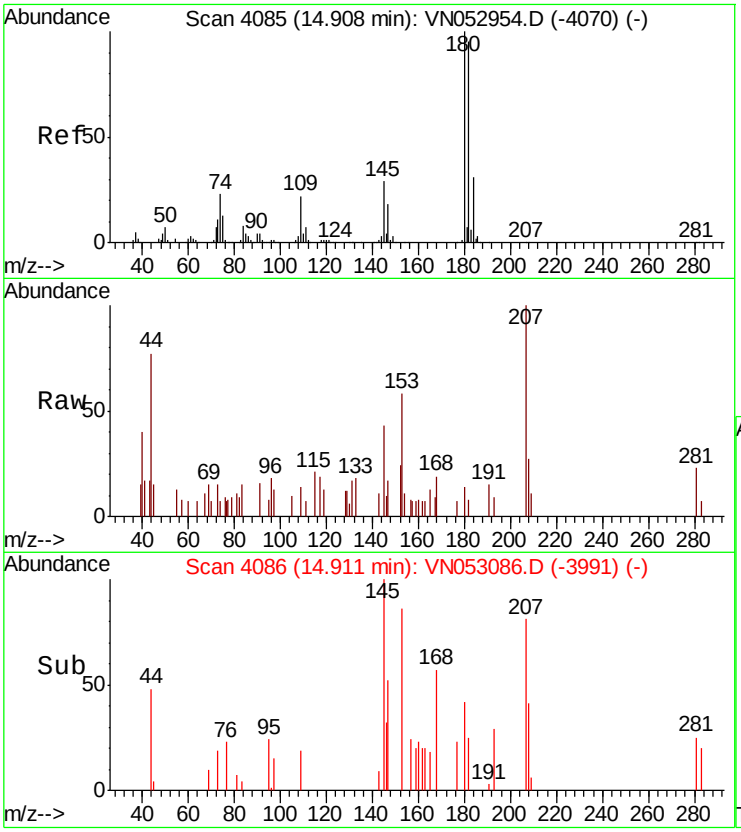


#84
1,2,4-Trimethylbenzene
Concen: 0.660 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:105 Resp: 30522

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.9	68.8



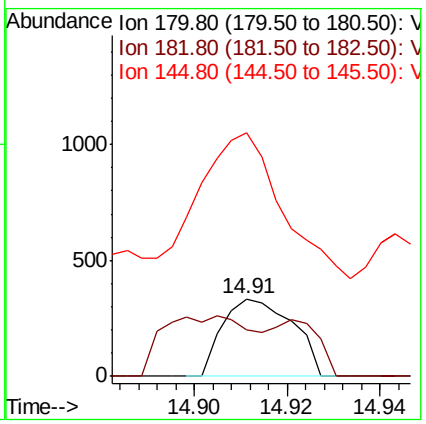


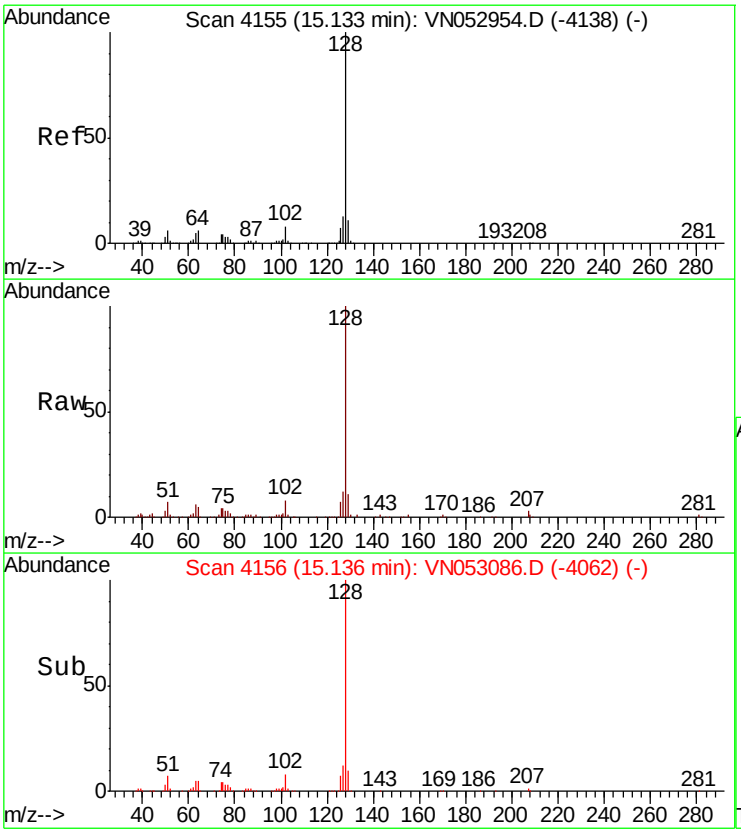
#93
1,2,4-Trichlorobenzene
Concen: 0.623 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 349

Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.8	143.3
145	481.9	14.2	42.6#





#95
Naphthalene
Concen: 6.699 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053086.D
Acq: 21 Dec 2018 5:16

Tgt Ion:128 Resp: 161243

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.4	8.6	13.0