Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012319\
Data File : VN053528.D
Acq On : 23 Jan 2019 10:57
Operator : JC/SP
Sample : PB116556TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Quant Time: Jan 24 01:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	830701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1292568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1265283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	564045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	425896	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.74%			
35) Dibromofluoromethane	7.59	113	394933	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.08%			
50) Toluene-d8	10.09	98	1646696	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.56%			
62) 4-Bromofluorobenzene	12.40	95	575133	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.14%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	232	23.007	ug/l #	44
16) Acetone	3.82	43	4407	2.288	ug/l #	87
20) Methylene Chloride	4.56	84	14543	1.654	ug/l	92
25) 2-Butanone	6.83	43	1897	0.639	ug/l	99
29) Tetrahydrofuran	7.23	42	945	0.489	ug/l #	51
31) Cyclohexane	7.66	56	12835	0.669	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	53843	4.574	ug/l #	48
38) Carbon Tetrachloride	7.67	117	70156	6.295	ug/l #	16
41) Methacrylonitrile	7.22	41	332	0.749	ug/l #	35
43) Isopropyl Acetate	8.16	43	32673	2.683	ug/l #	87
45) 1,2-Dichloropropane	9.26	63	2411	0.254	ug/l #	43
48) Methyl methacrylate	9.17	41	11978	1.905	ug/l #	12
49) 1,4-Dioxane	9.27	88	64	1.042	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	13591	2.044	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	92298	6.785	ug/l #	63
56) Ethyl methacrylate	10.54	69	1635	2.202	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	18699	1.412	ug/l #	43
59) 2-Hexanone	10.76	43	246295	52.777	ug/l #	50
74) N-amyl acetate	11.88	43	28711	2.607	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	268673	36.146	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8460	0.252	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	268673	89.375	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1254	2.919	ug/l #	88
95) Naphthalene	15.14	128	2892	4.134	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.31	180	1562	4.157	ug/l	96

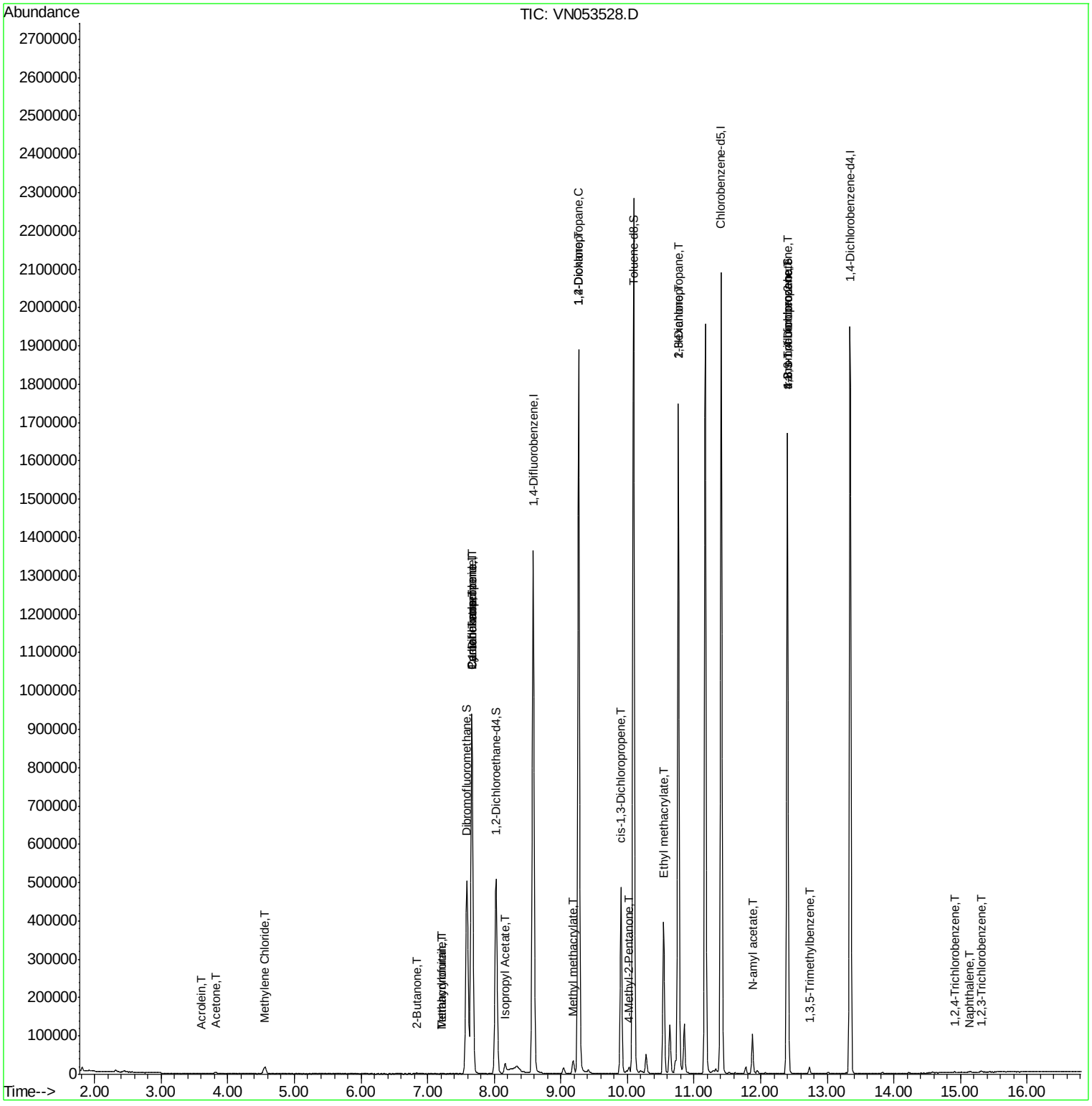
(#) = qualifier out of range (m) = manual integration (+) = signals summed

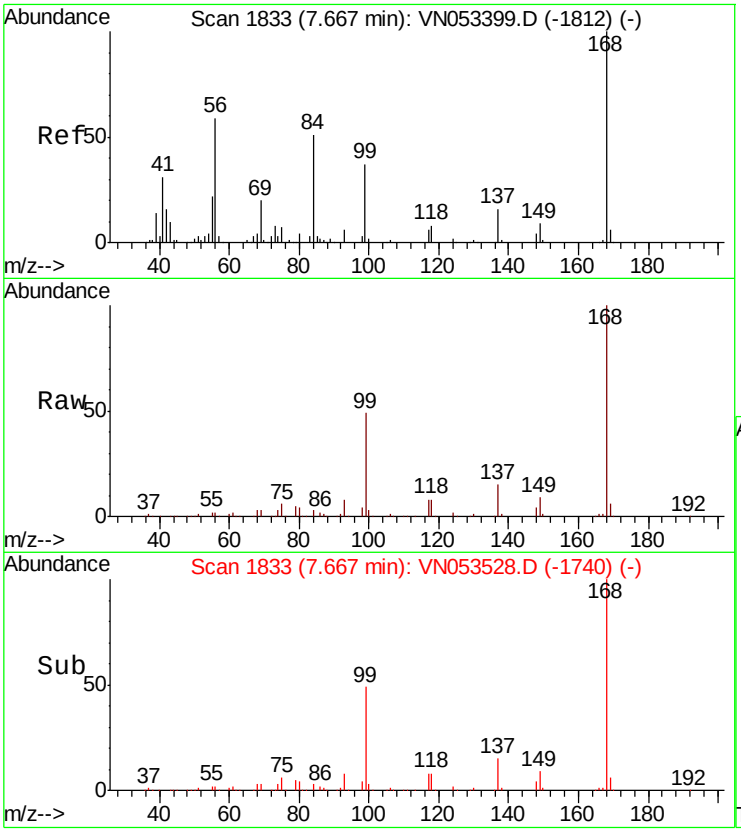
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012319\
Data File : VN053528.D
Acq On : 23 Jan 2019 10:57
Operator : JC/SP
Sample : PB116556TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Quant Time: Jan 24 01:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration



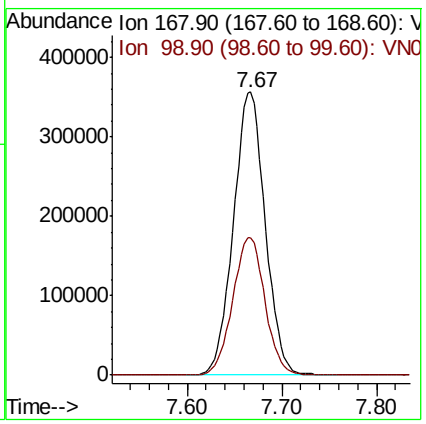


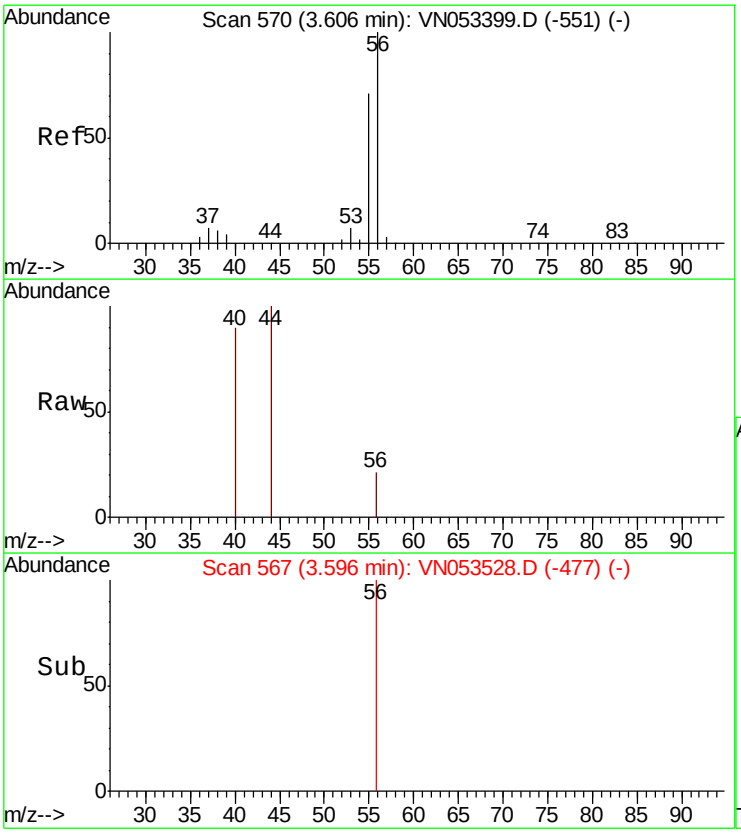
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion:168 Resp: 830701

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.1	58.7

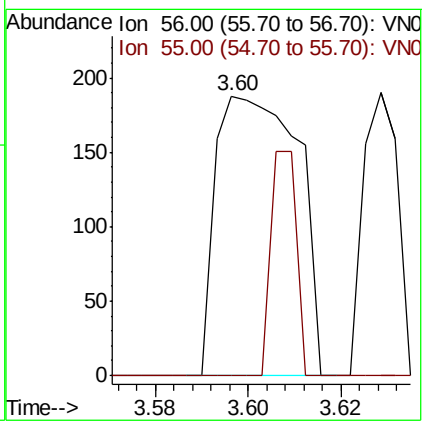


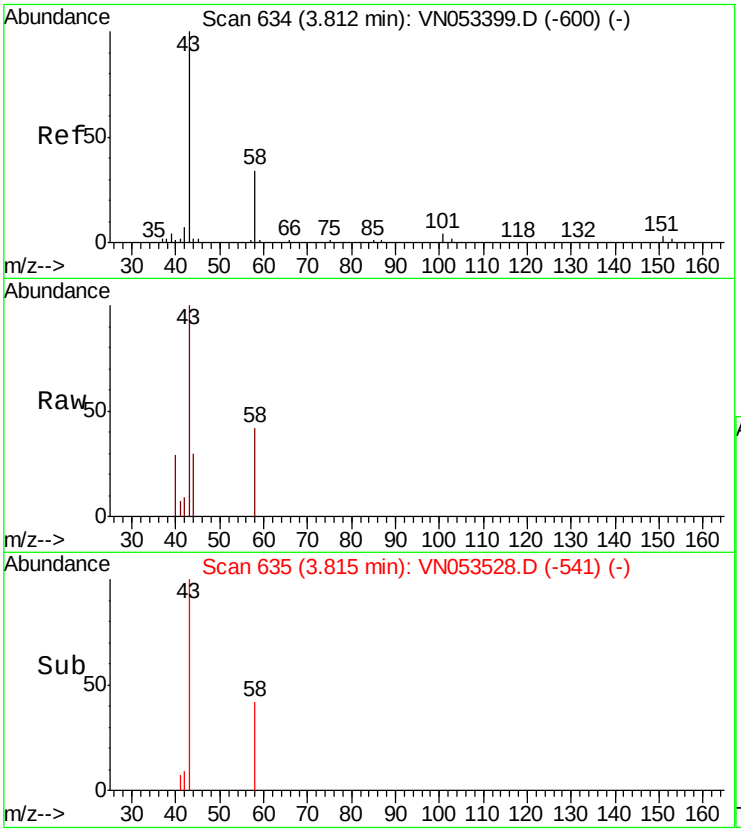


#13
Acrolein
Concen: 23.007 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	25.0	57.4	86.0#



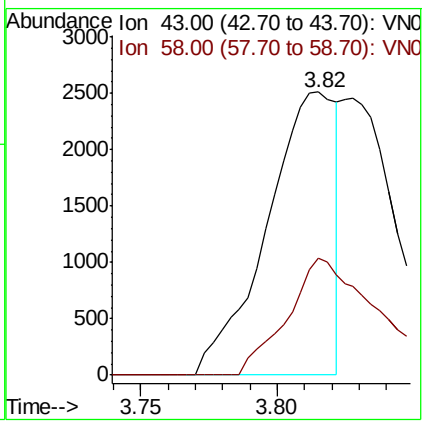


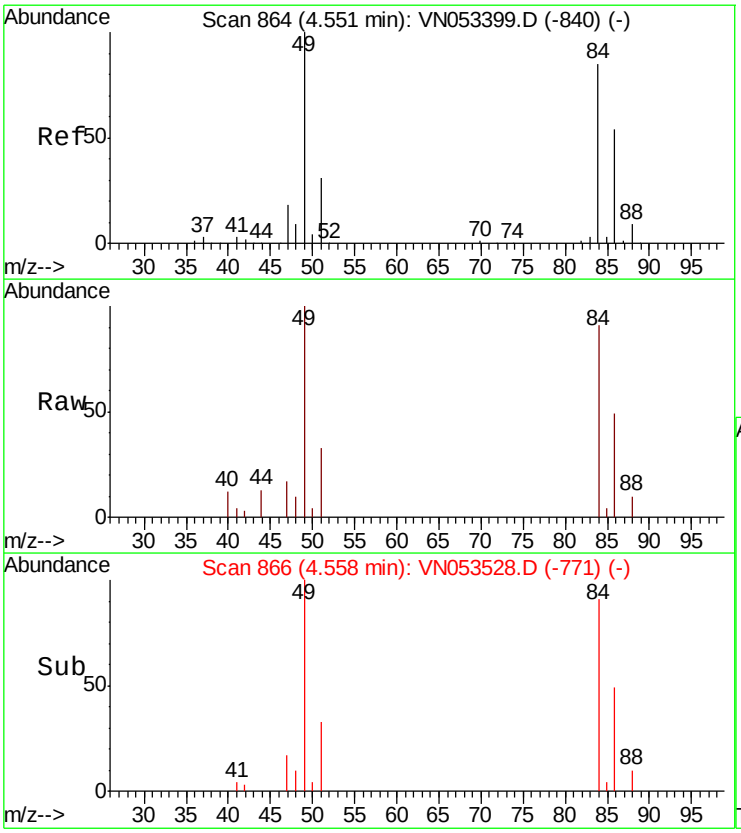
#16
Acetone
Concen: 2.288 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion: 43 Resp: 4407

Ion	Ratio	Lower	Upper
43	100		
58	41.5	27.1	40.7#

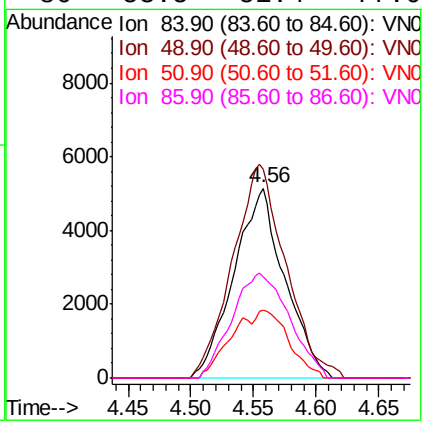


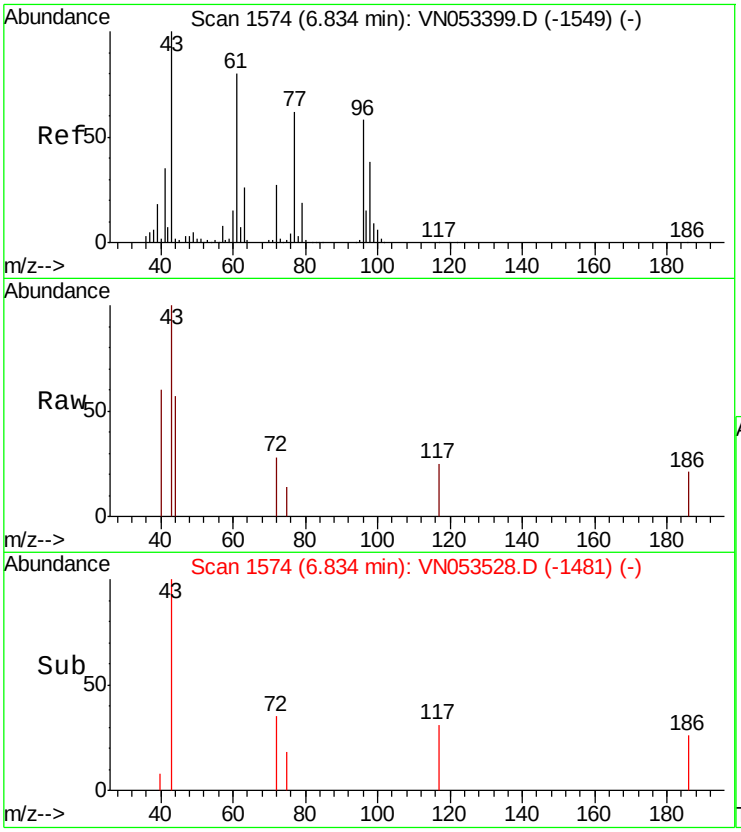


#20
Methylene Chloride
Concen: 1.654 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 84 Resp: 14543

Ion	Ratio	Lower	Upper
84	100		
49	110.2	94.3	141.5
51	35.9	29.4	44.2
86	53.5	51.4	77.0



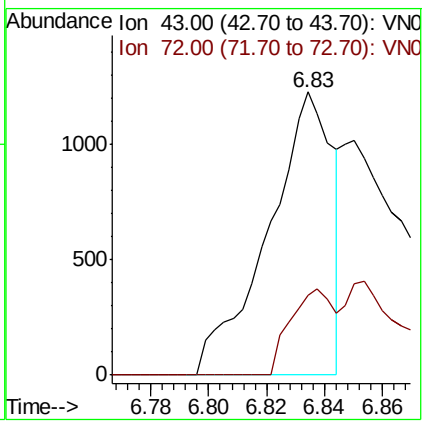


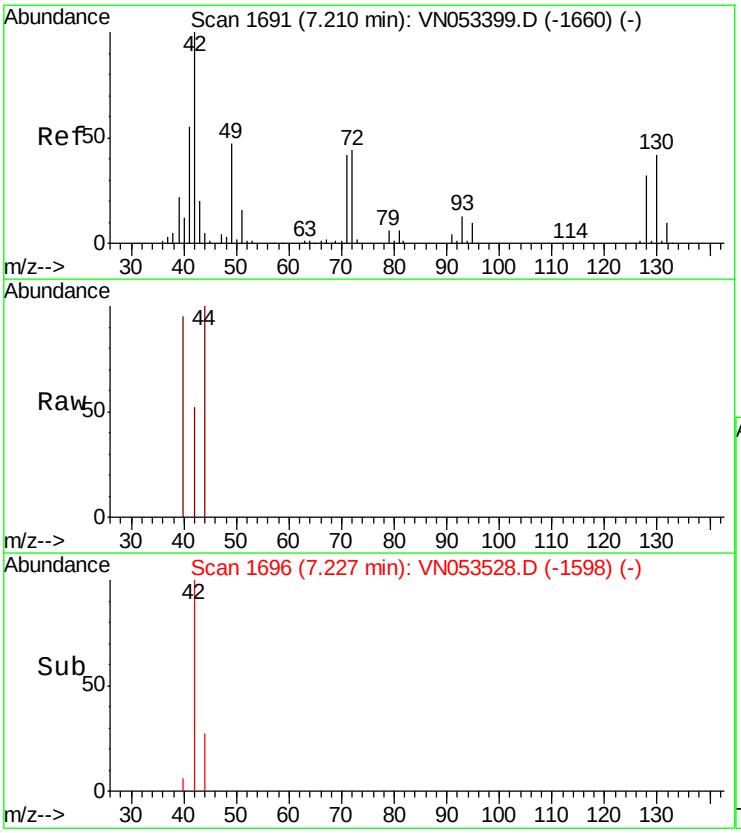
#25
2-Butanone
Concen: 0.639 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion: 43 Resp: 1897

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.0	33.0

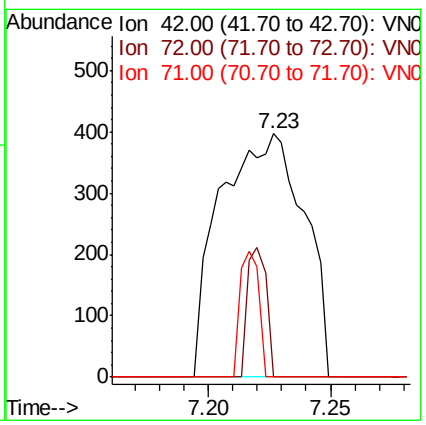


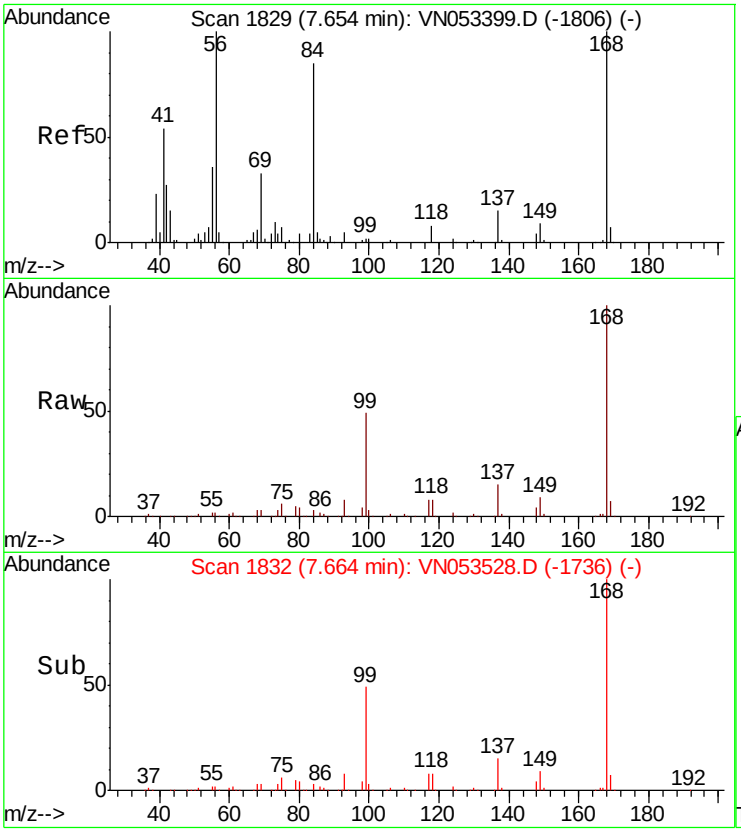


#29
Tetrahydrofuran
Concen: 0.489 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 42 Resp: 945

Ion	Ratio	Lower	Upper
42	100		
72	11.6	35.2	52.8#
71	11.5	33.0	49.4#



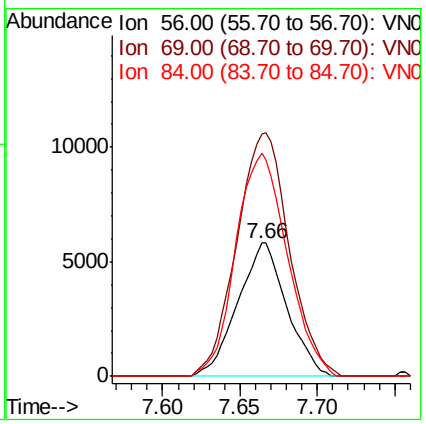


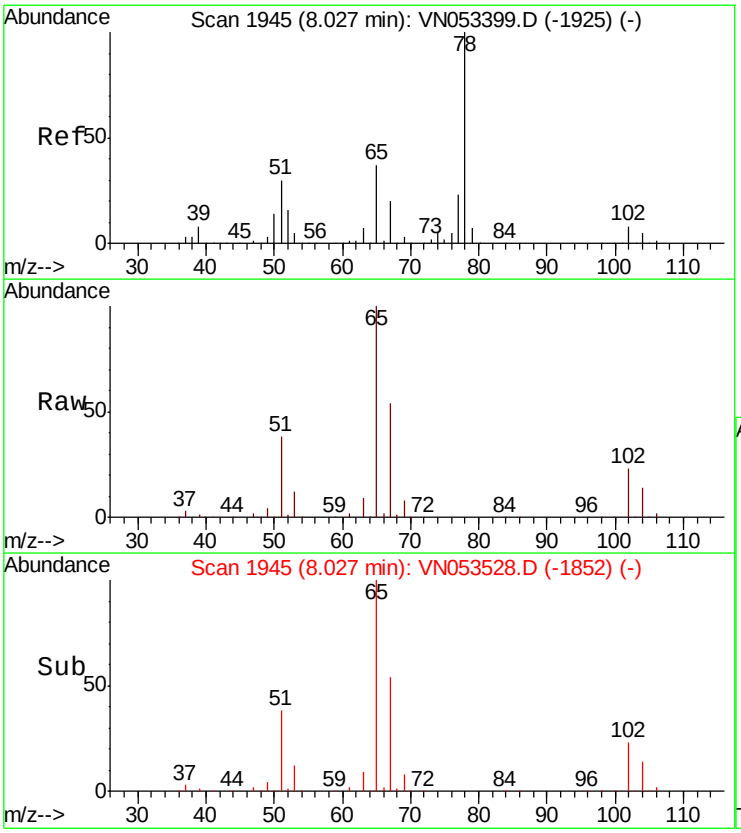
#31
Cyclohexane
Concen: 0.669 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 56 Resp: 12835

Ion	Ratio	Lower	Upper
56	100		
69	181.6	26.4	39.6#
84	166.9	67.9	101.9#

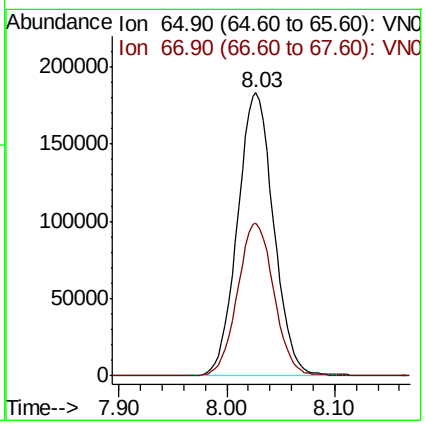


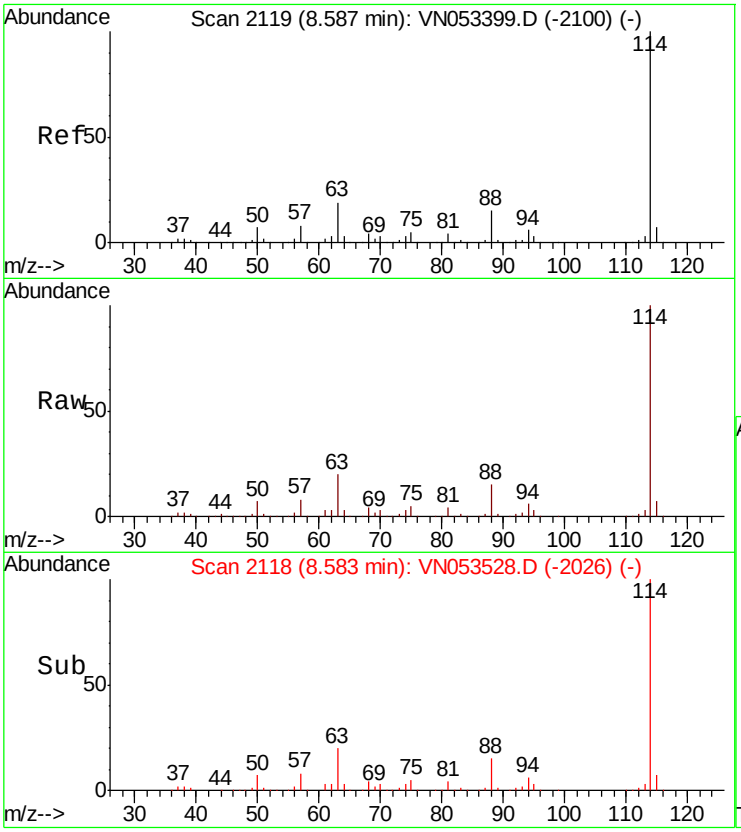


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 65 Resp: 425896

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.2



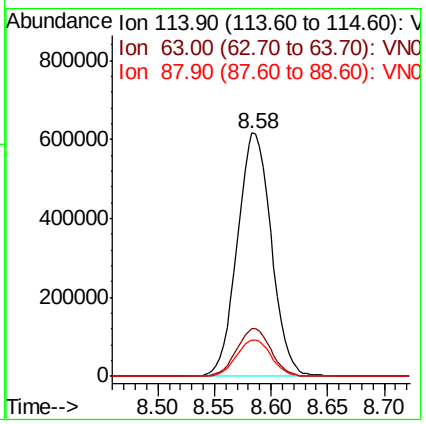


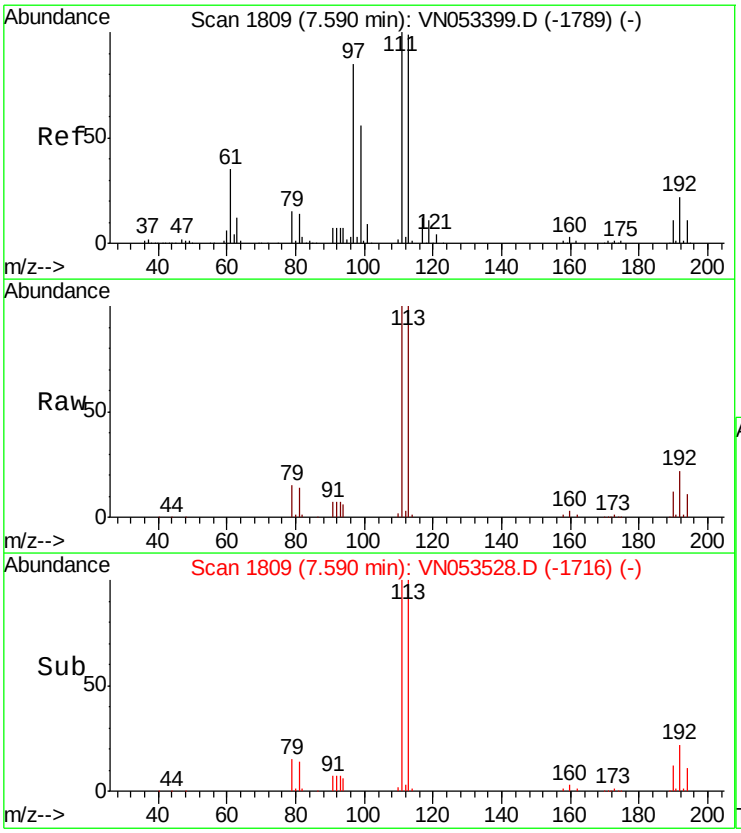
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion:114 Resp: 1292568

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.1	0.0	30.4

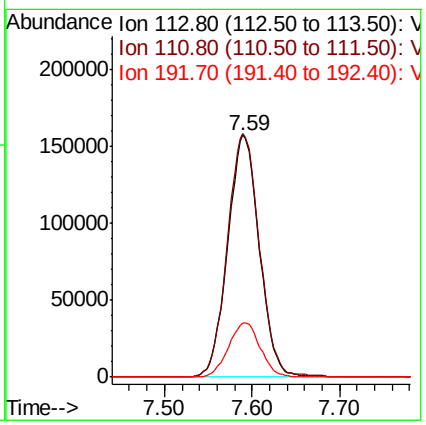


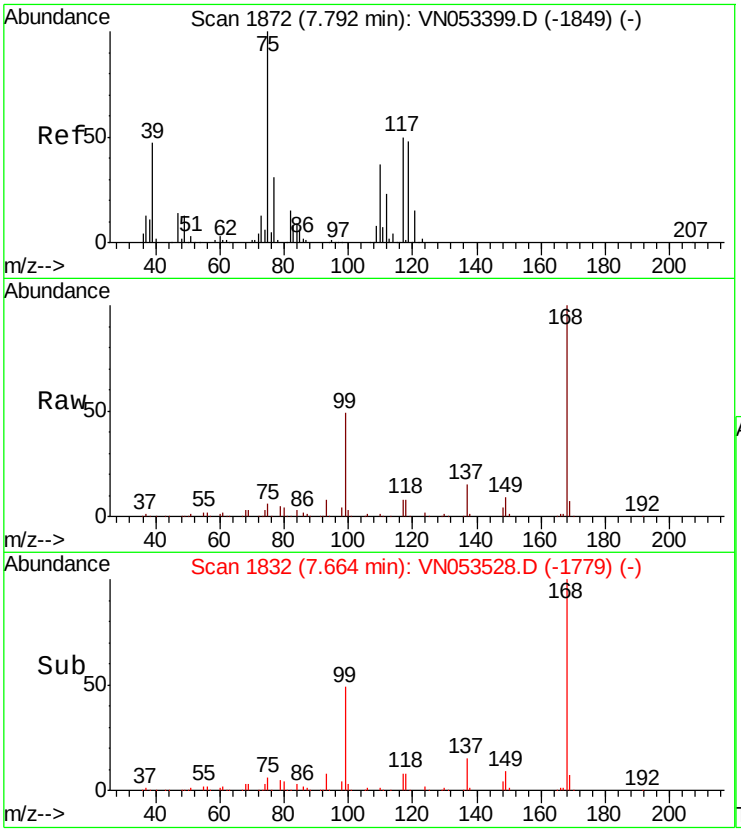


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion:113 Resp: 394933

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	22.6	18.2	27.2



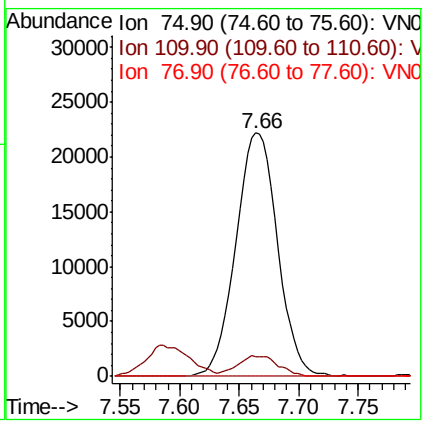


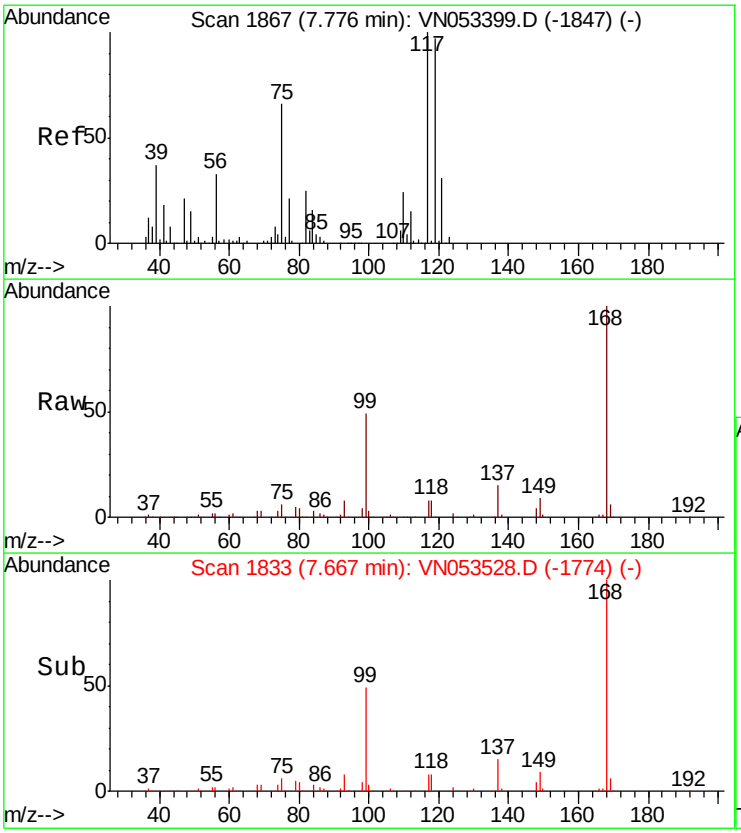
#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion: 75 Resp: 53843

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	25.1	37.7#

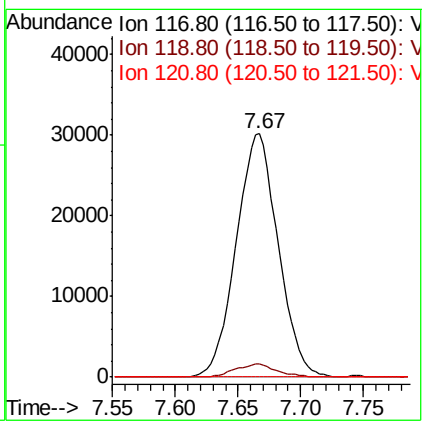


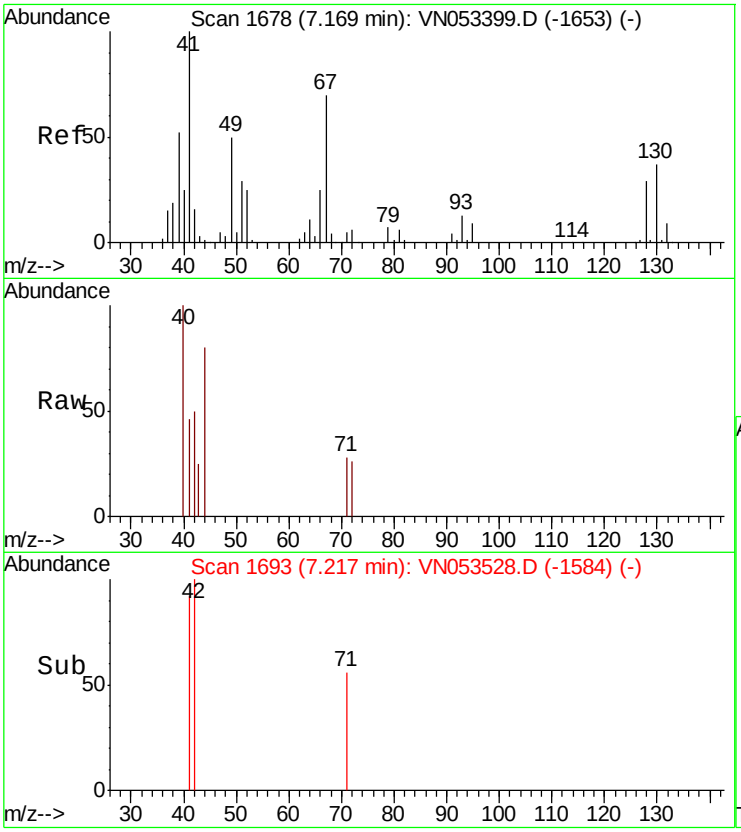


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion:117 Resp: 70156

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	24.6	37.0#



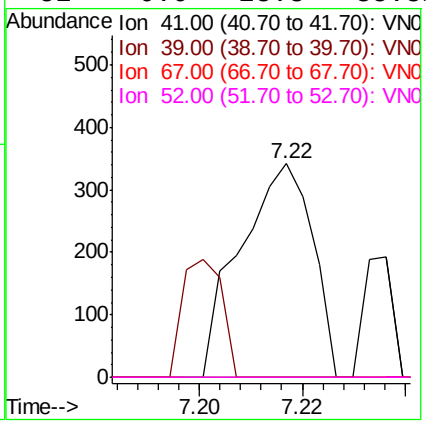


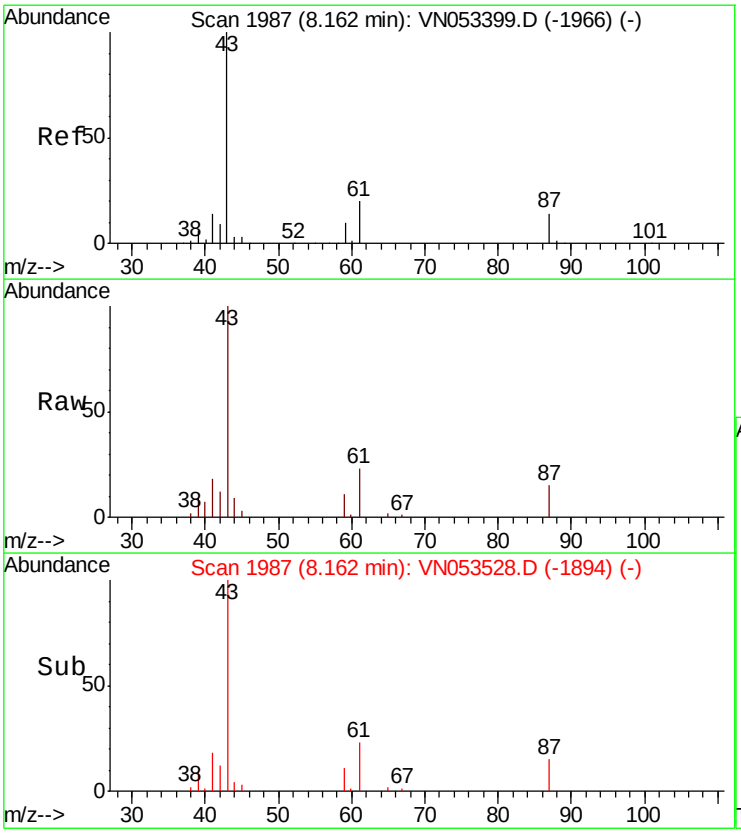
#41
Methacrylonitrile
Concen: 0.749 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 41 Resp: 332

Ion	Ratio	Lower	Upper
41	100		
39	30.4	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

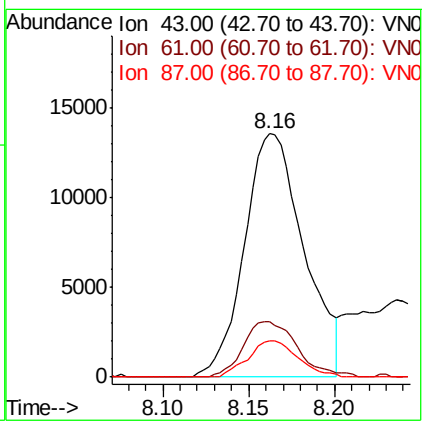


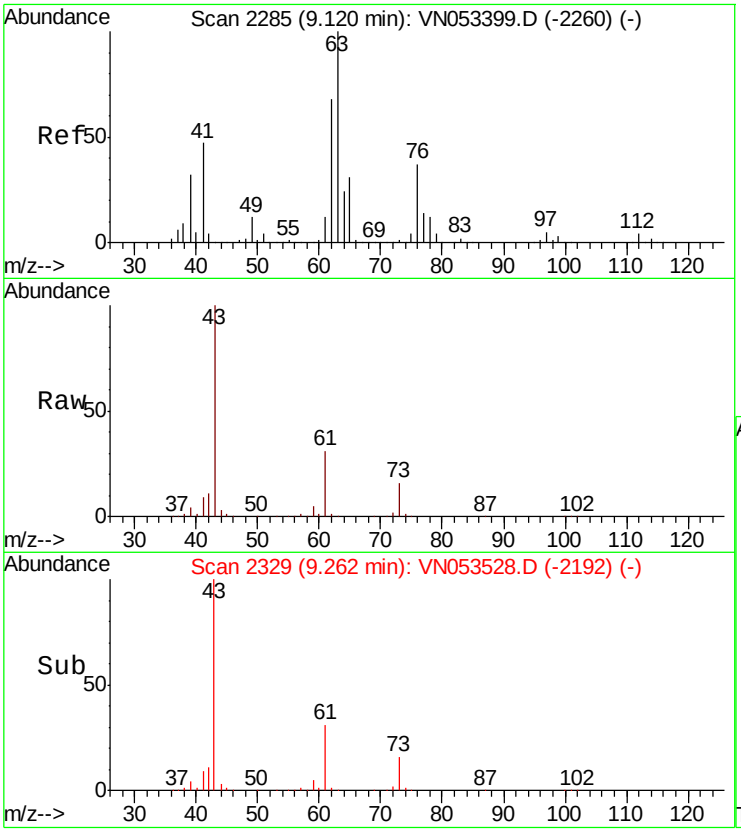


#43
Isopropyl Acetate
Concen: 2.683 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 43 Resp: 32673

Ion	Ratio	Lower	Upper
43	100		
61	20.7	23.9	35.9#
87	12.5	11.0	16.6



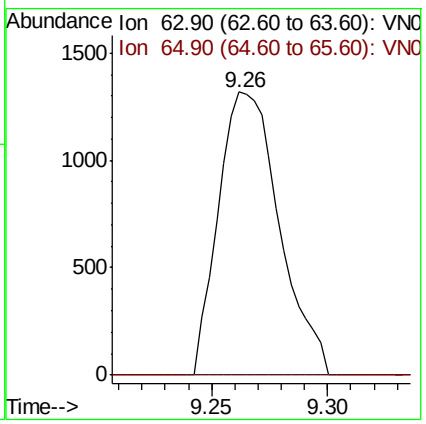


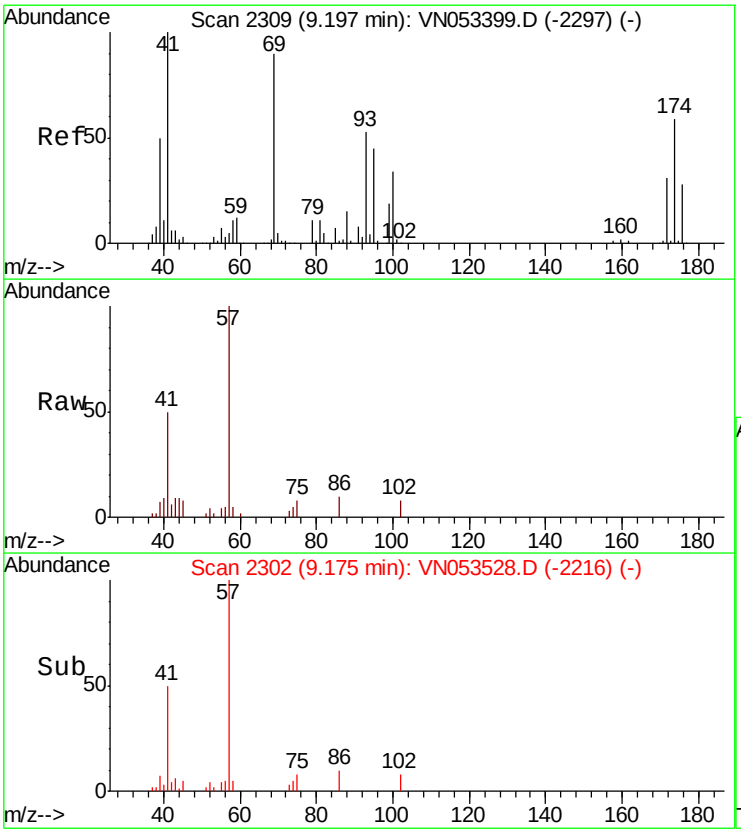
#45
1,2-Dichloropropane
Concen: 0.254 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.14 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 63 Resp: 2411

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

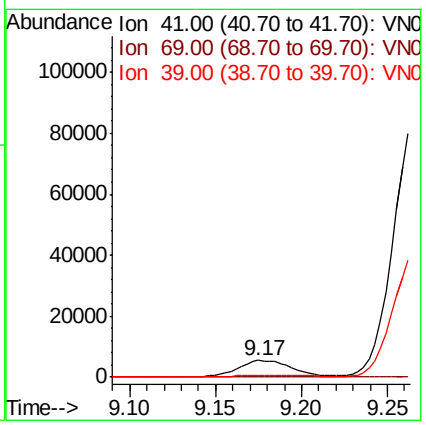


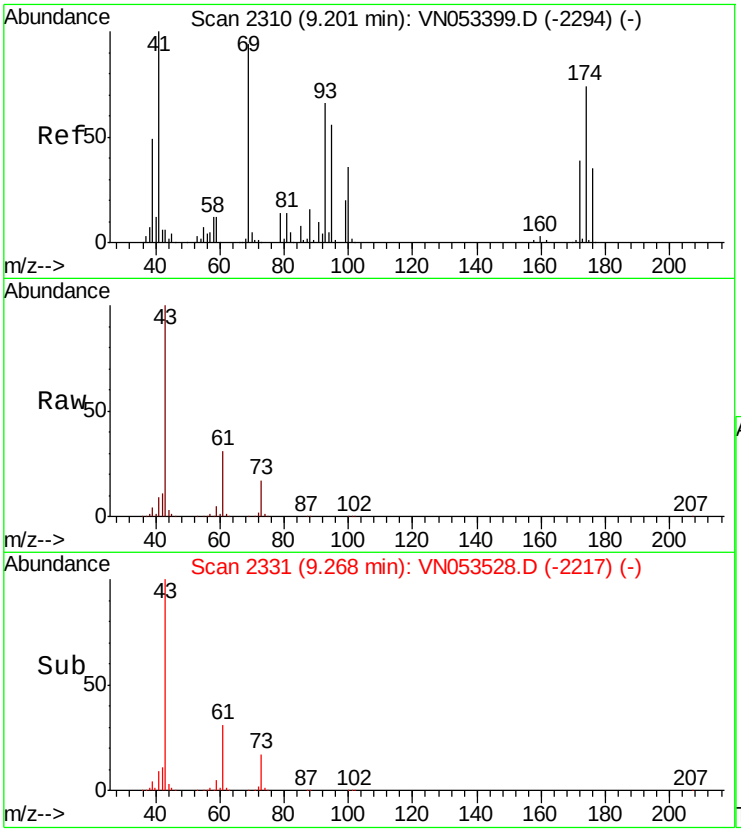


#48
Methyl methacrylate
Concen: 1.905 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 41 Resp: 11978

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



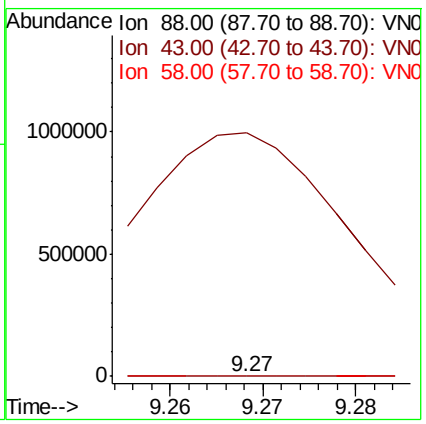


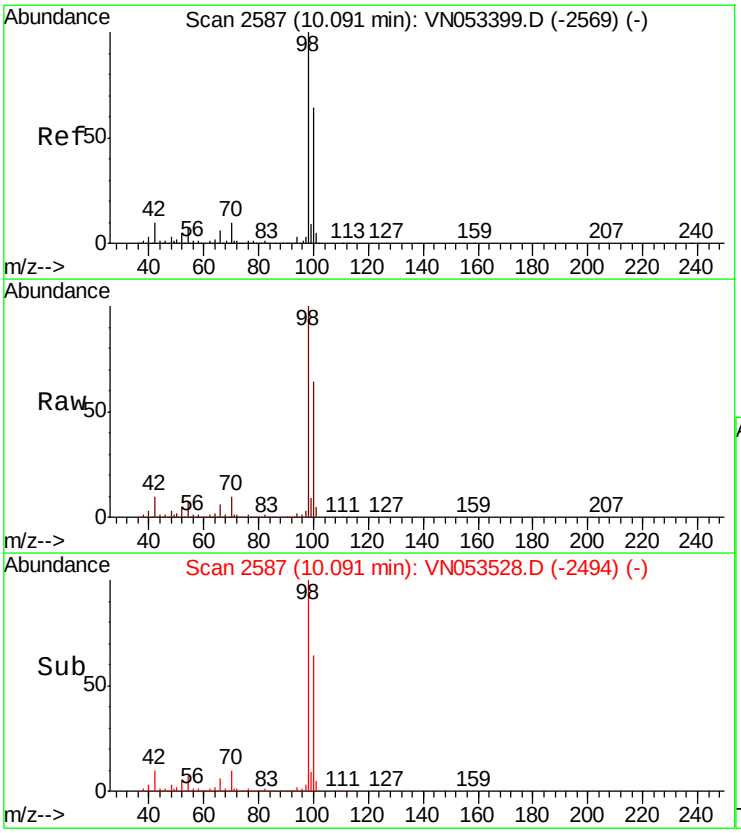
#49
1,4-Dioxane
Concen: 1.042 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	2872804.7	27.8	41.6#
58	13632.8	56.5	84.7#

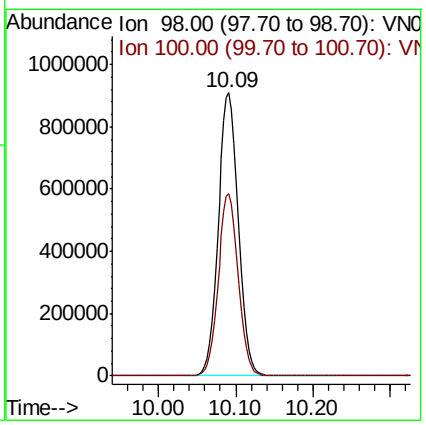


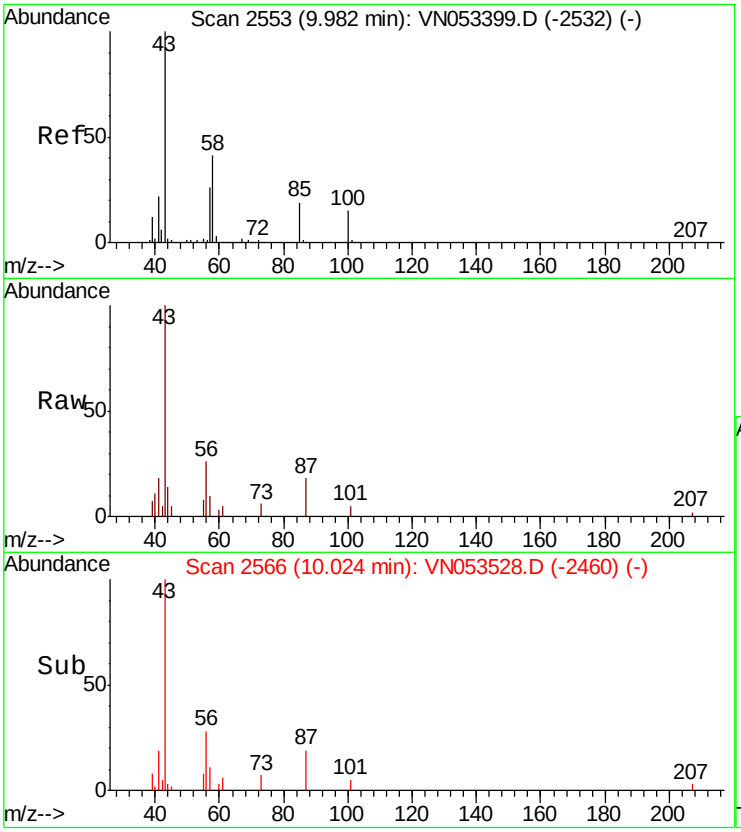


#50
Toluene-d8
Concen: 1.042 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 98 Resp: 1646696

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0



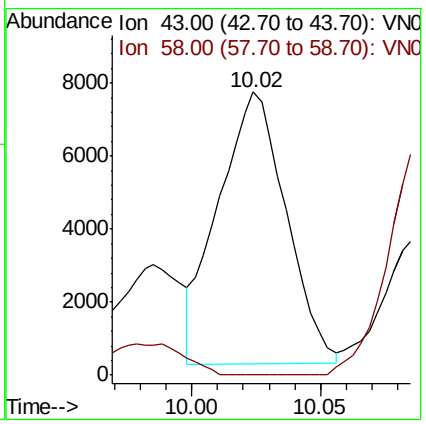


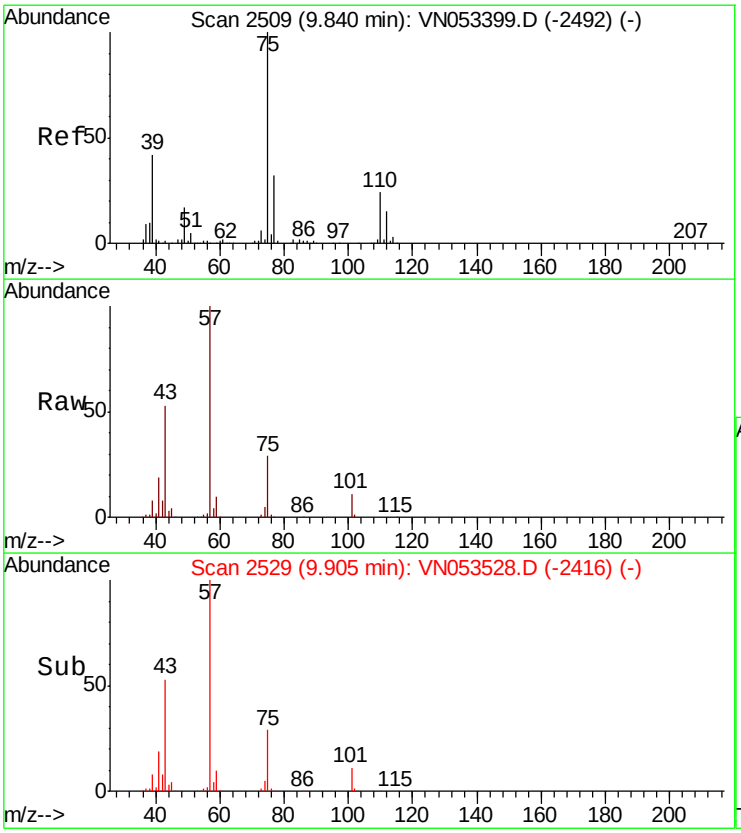
#51
4-Methyl-2-Pentanone
Concen: 2.044 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 43 Resp: 13591

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#

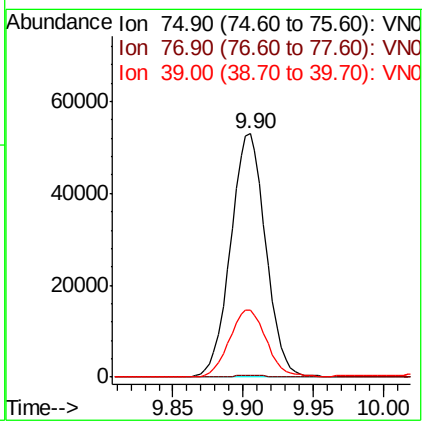


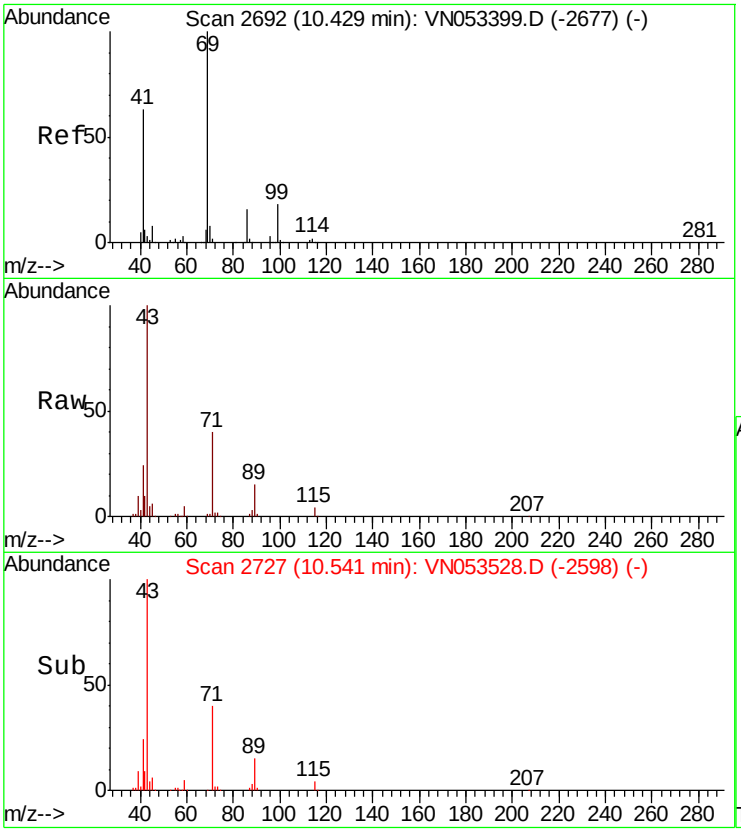


#54
cis-1,3-Dichloropropene
Concen: 6.785 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 75 Resp: 92298

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	27.6	33.4	50.0#



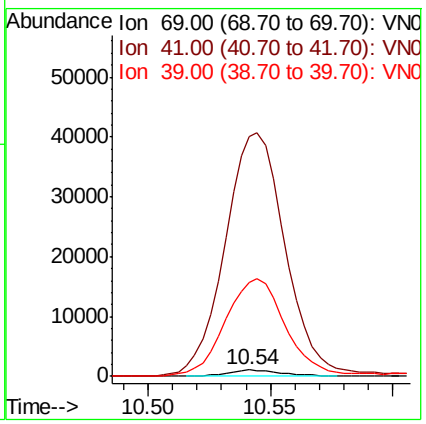


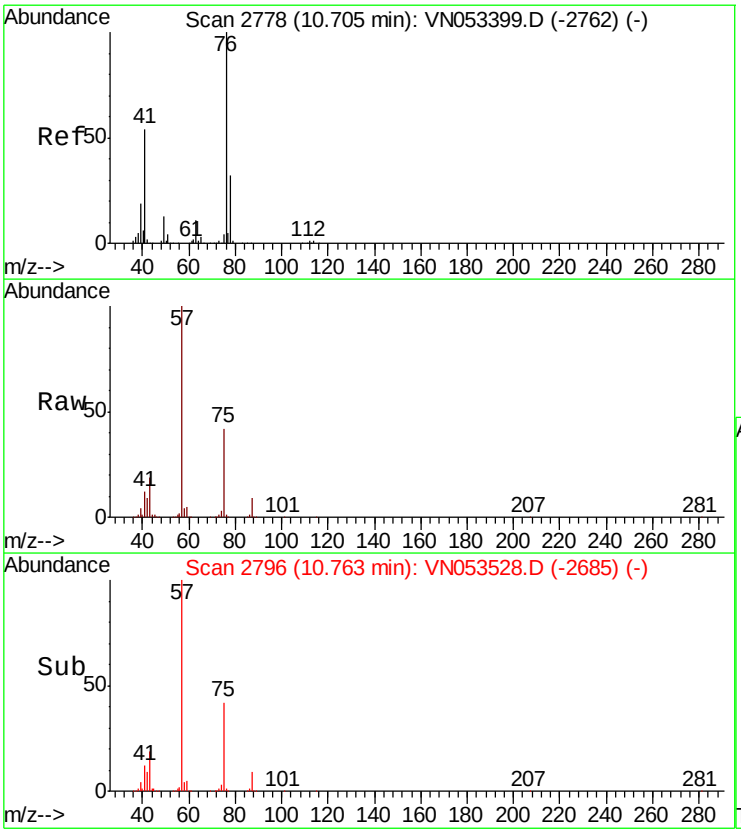
#56
Ethyl methacrylate
Concen: 2.202 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.11 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 69 Resp: 1635

Ion	Ratio	Lower	Upper
69	100		
41	4307.0	49.4	74.0#
39	1723.3	23.3	34.9#

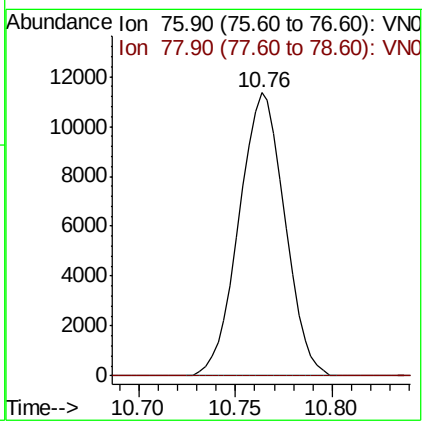


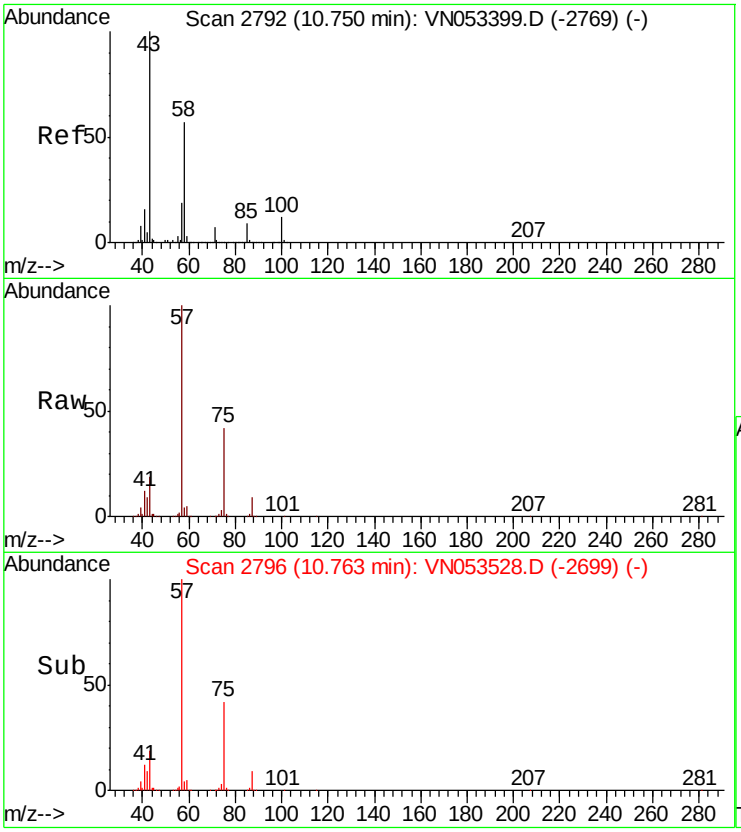


#57
1,3-Dichloropropane
Concen: 1.412 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 76 Resp: 18699

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



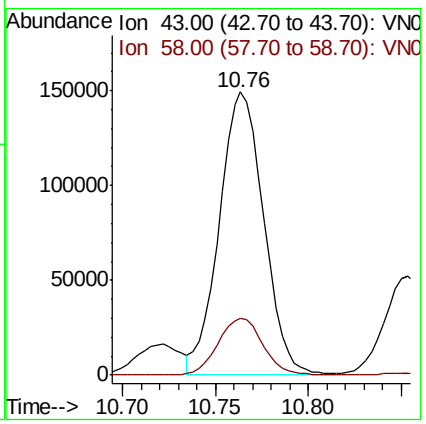


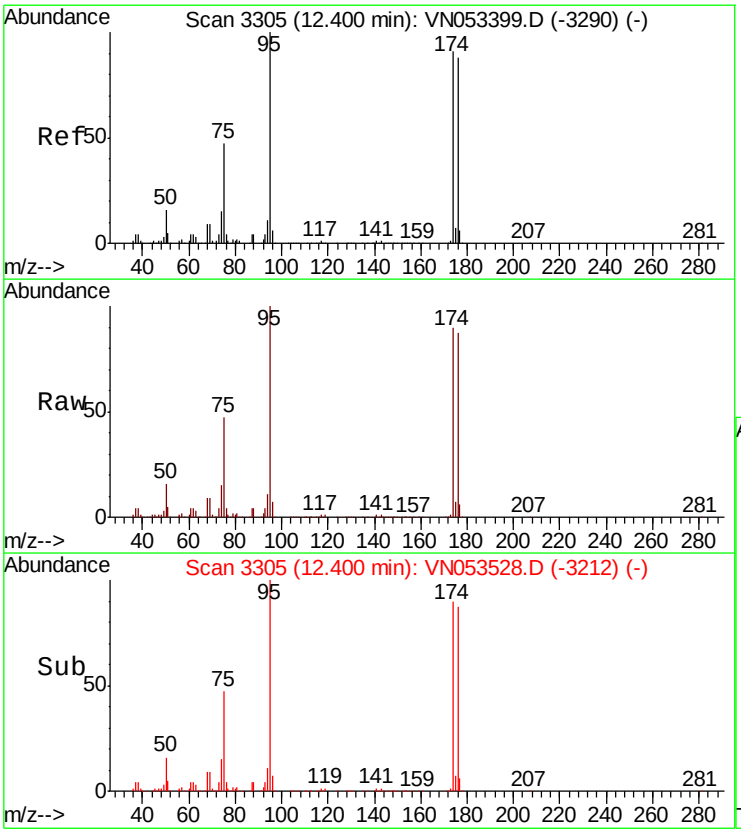
#59
2-Hexanone
Concen: 52.777 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 43 Resp: 246295

Ion	Ratio	Lower	Upper
43	100		
58	20.6	28.6	85.8#

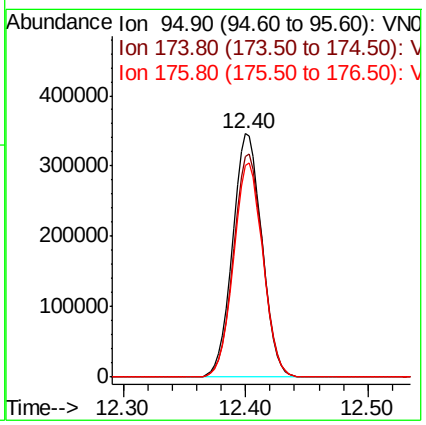


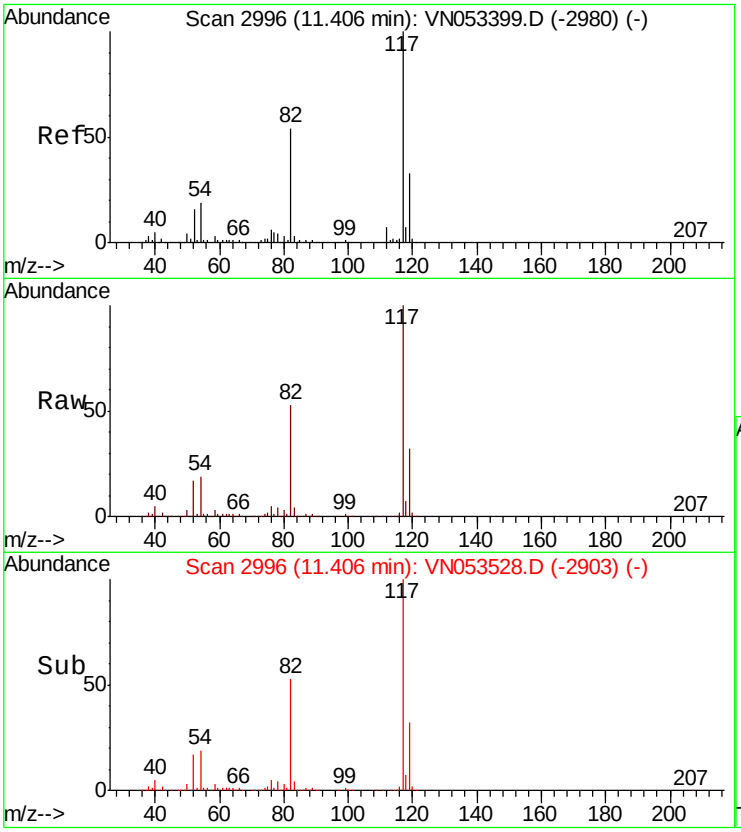


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 95 Resp: 575133

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	183.2
176	87.9	0.0	177.4



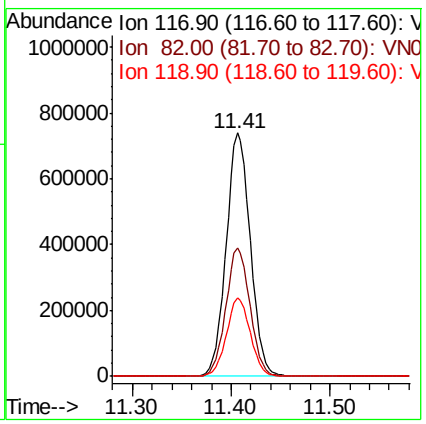


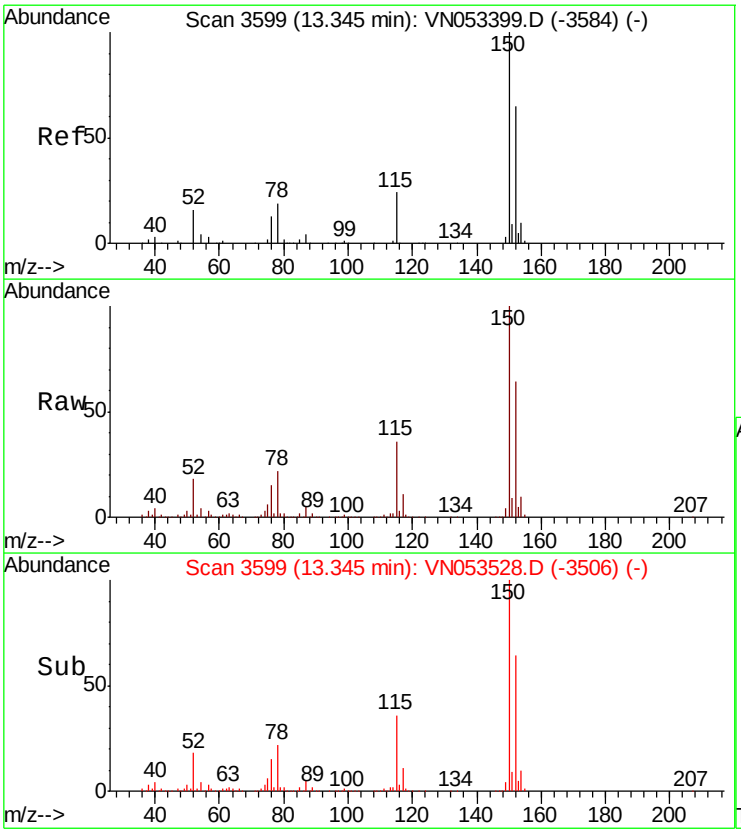
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion:117 Resp: 1265283

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.2	26.0	39.0

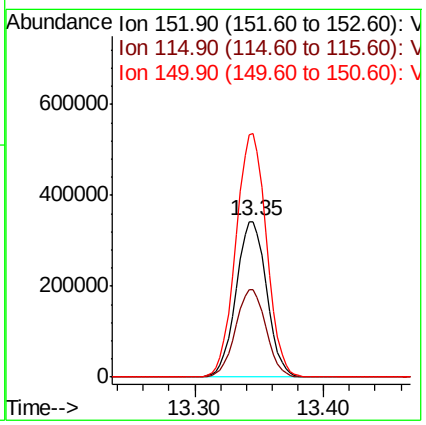


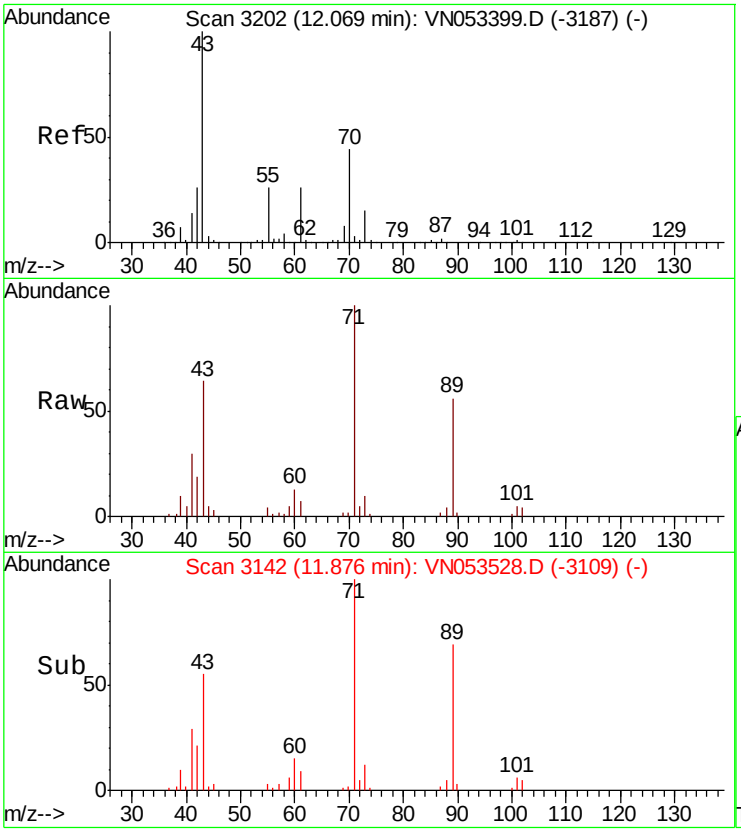


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion:152 Resp: 564045

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.4
150	157.2	0.0	349.0



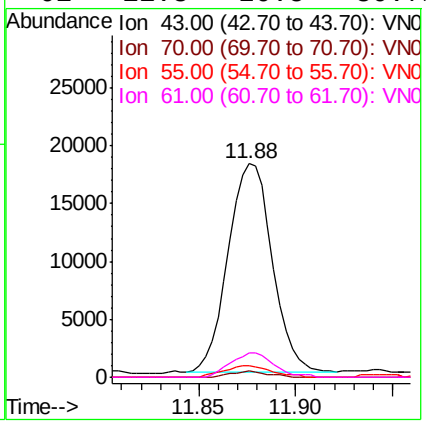


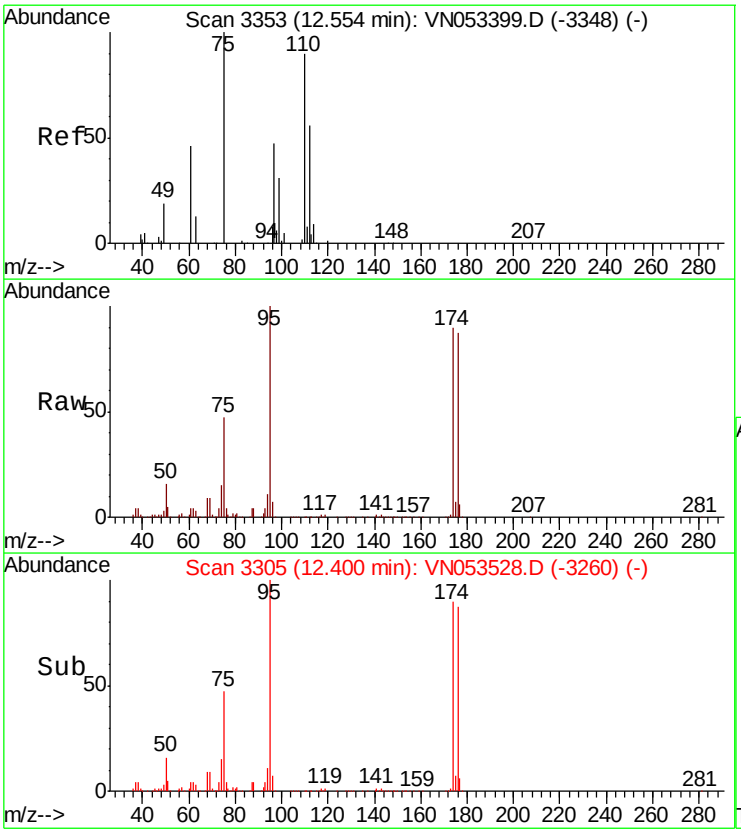
#74
N-amyl acetate
Concen: 2.607 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument : MSVOA_N
ClientSampleId : PB116556TB

Tgt Ion: 43 Resp: 28711

Ion	Ratio	Lower	Upper
43	100		
70	2.5	35.4	53.2#
55	5.8	20.9	31.3#
61	11.3	20.5	30.7#

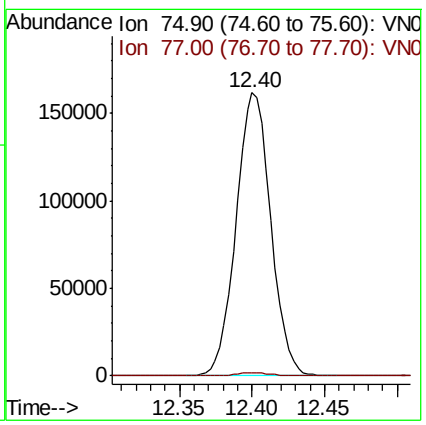


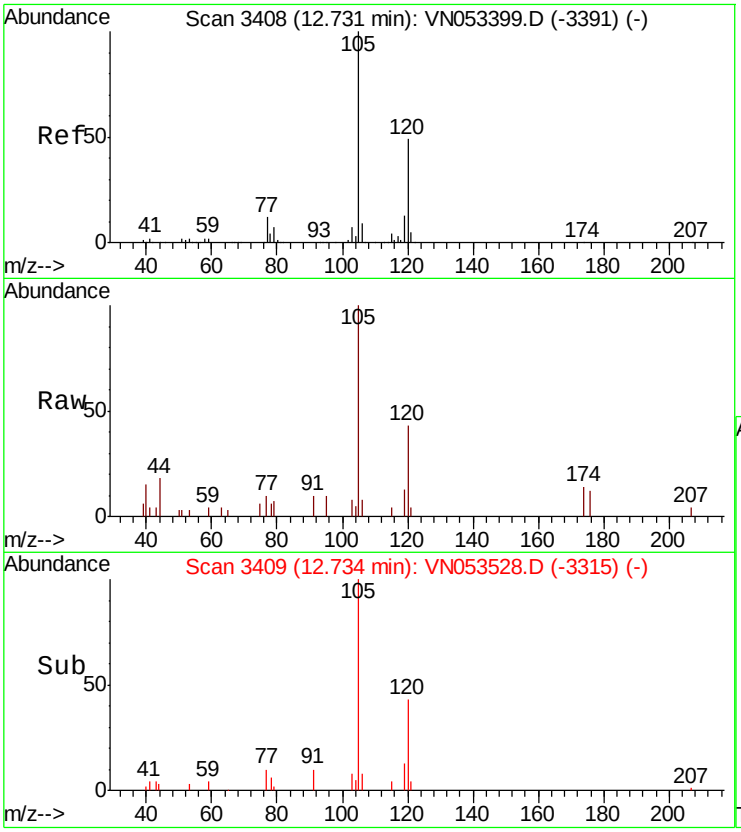


#76
1,2,3-Trichloropropane
Concen: 36.146 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 75 Resp: 268673

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



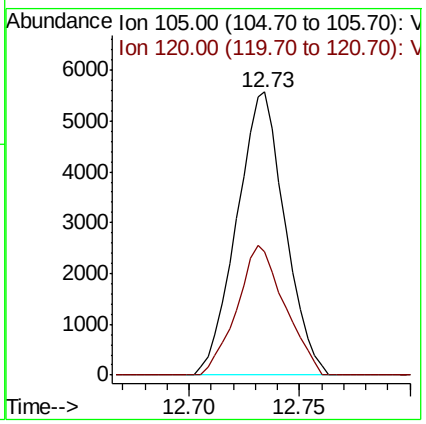


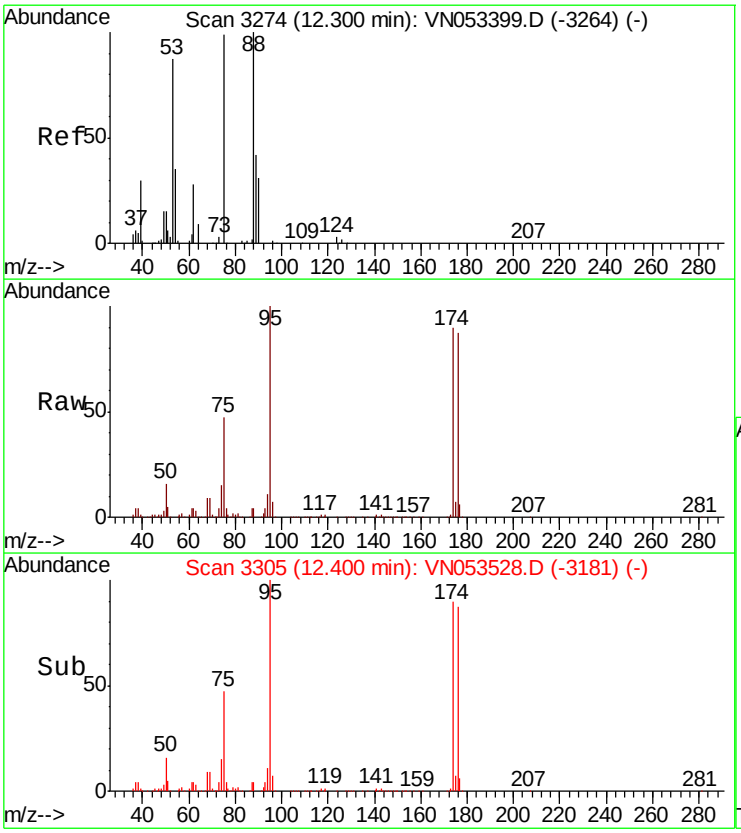
#80
1,3,5-Trimethylbenzene
Concen: 0.252 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion:105 Resp: 8460

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.9	74.6

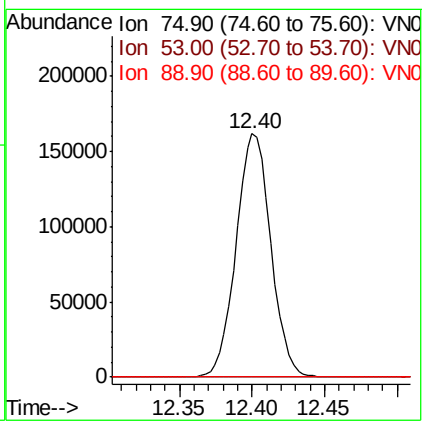


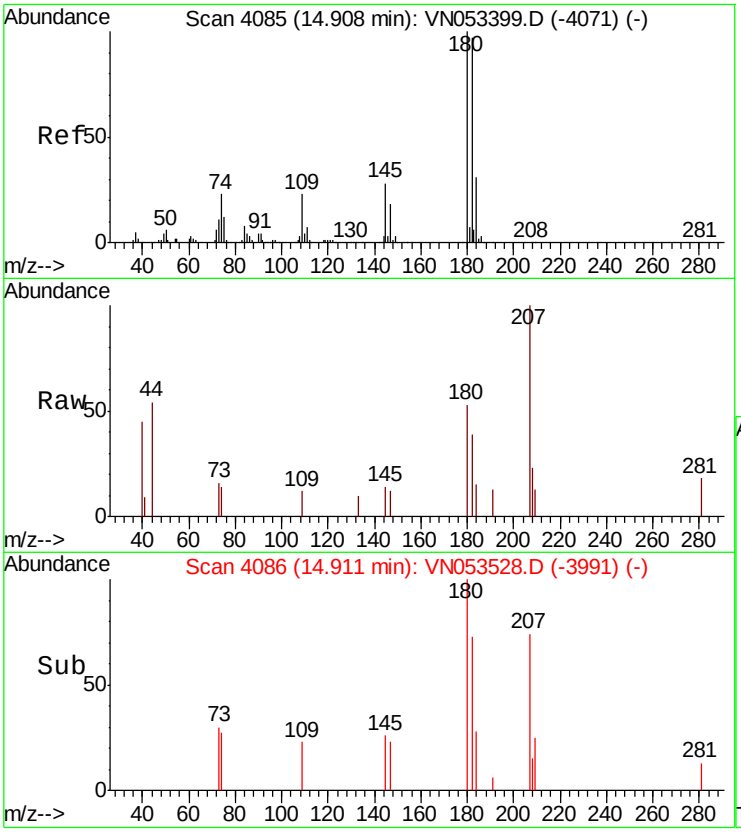


#81
trans-1,4-Dichloro-2-butene
Concen: 89.375 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion: 75 Resp: 268673

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



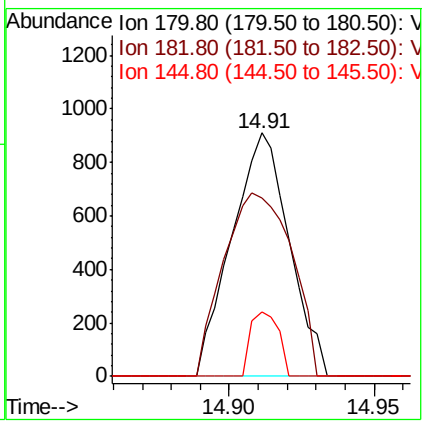


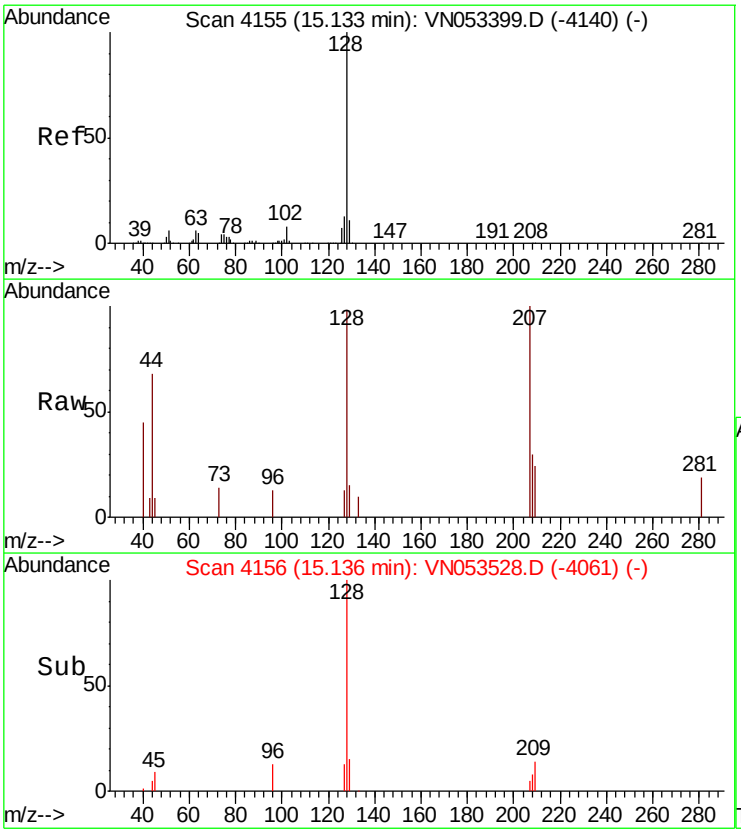
#93
1,2,4-Trichlorobenzene
Concen: 2.919 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion:180 Resp: 1254

Ion	Ratio	Lower	Upper
180	100		
182	89.5	48.1	144.3
145	12.9	13.9	41.6#

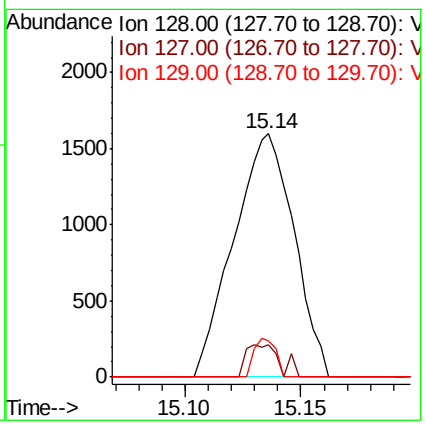


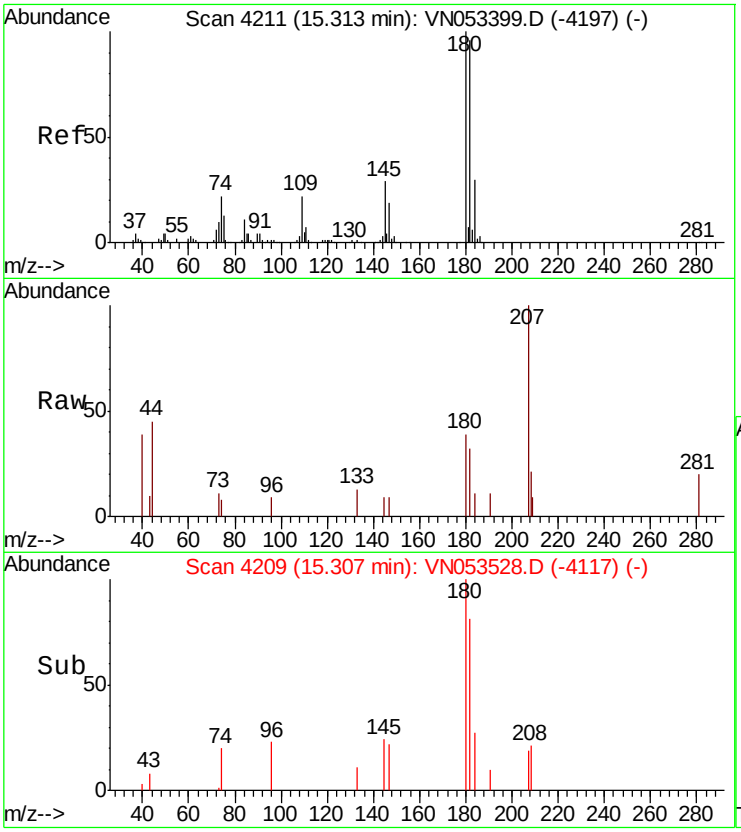


#95
Naphthalene
Concen: 4.134 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Tgt Ion:128 Resp: 2892

Ion	Ratio	Lower	Upper
128	100		
127	7.4	10.3	15.5#
129	5.8	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 4.157 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.01 min
Lab File: VN053528.D
Acq: 23 Jan 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
PB116556TB

Tgt Ion:180 Resp: 1562

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.9	143.8
145	24.6	14.7	44.1