Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052572.D
Acq On : 29 Nov 2018 18:25
Operator : MD\SY
Sample : J5767-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Quant Time: Nov 30 00:28:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1318599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2014356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1751268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	670209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	678151	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.46%			
35) Dibromofluoromethane	7.59	113	625320	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
50) Toluene-d8	10.09	98	2450706	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
62) 4-Bromofluorobenzene	12.40	95	766122	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	239	33.639	ug/l #	66
16) Acetone	3.82	43	33039	8.725	ug/l	98
18) Methyl Acetate	4.33	43	2456	0.226	ug/l #	89
20) Methylene Chloride	4.56	84	77775	5.248	ug/l	100
25) 2-Butanone	6.85	43	2864	0.534	ug/l #	86
29) Tetrahydrofuran	7.21	42	2424	0.700	ug/l #	72
31) Cyclohexane	7.67	56	22589	0.553	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	91144	4.791	ug/l #	49
38) Carbon Tetrachloride	7.66	117	117975	6.851	ug/l #	16
43) Isopropyl Acetate	8.17	43	52656	2.680	ug/l #	81
48) Methyl methacrylate	9.18	41	15375	1.501	ug/l #	13
49) 1,4-Dioxane	9.26	88	65	0.611	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	8574	0.778	ug/l #	64
52) Toluene	10.16	92	7906	0.235	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	123265	5.894	ug/l #	61
56) Ethyl methacrylate	10.38	69	123	2.700	ug/l #	25
57) 1,3-Dichloropropane	10.77	76	22498	1.075	ug/l #	43
59) 2-Hexanone	10.77	43	312107	42.188	ug/l #	51
68) m/p-Xylenes	11.62	106	5176	0.220	ug/l	99
71) Bromoform	12.40	173	4531	0.545	ug/l #	1
74) N-amyl acetate	11.88	43	33810	2.545	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	365671	35.382	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10704	0.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	365671	118.159	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	10417	0.248	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	610	2.878	ug/l #	26
95) Naphthalene	15.14	128	21037	4.205	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	923	2.807	ug/l #	67

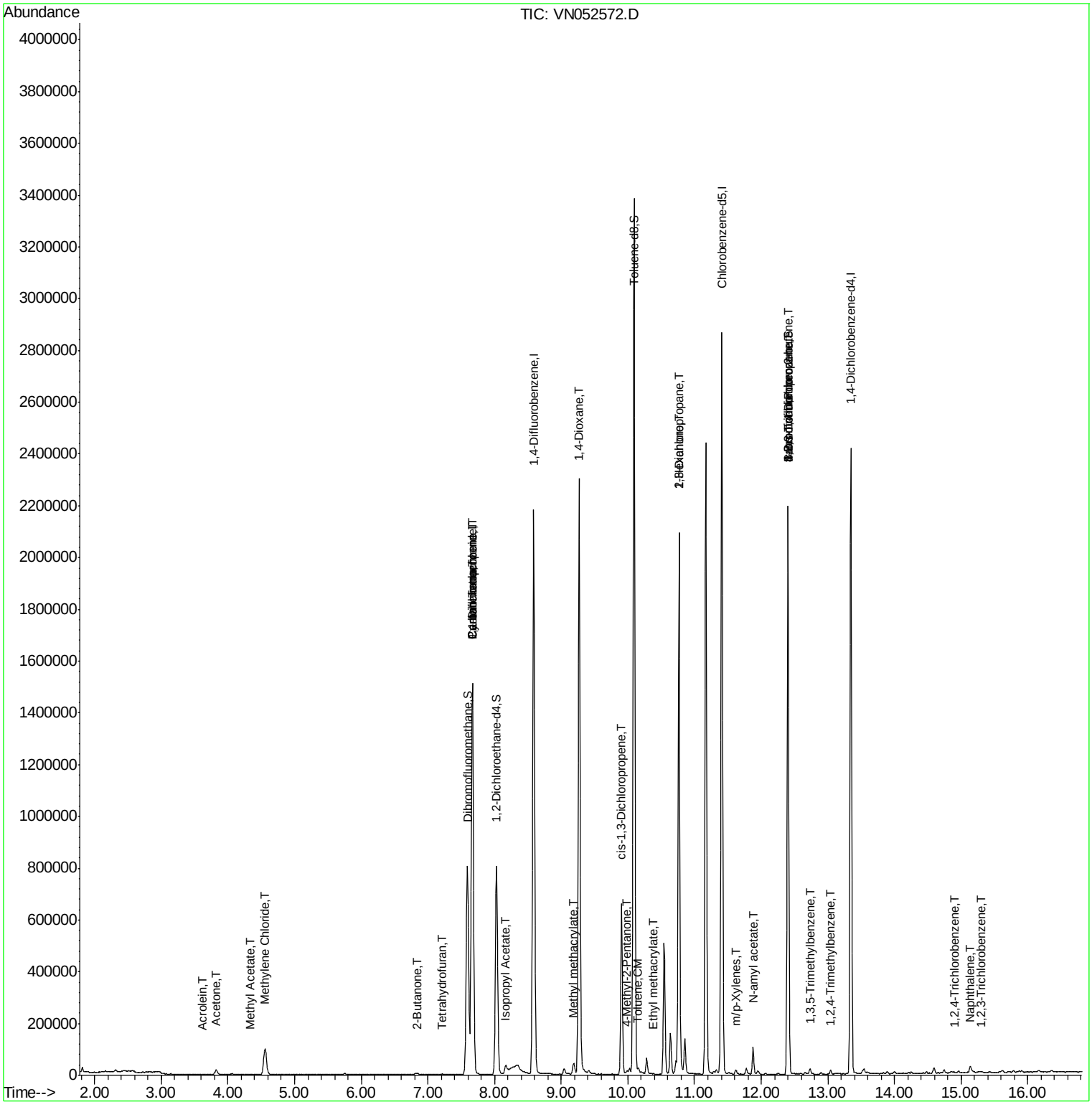
(#) = qualifier out of range (m) = manual integration (+) = signals summed

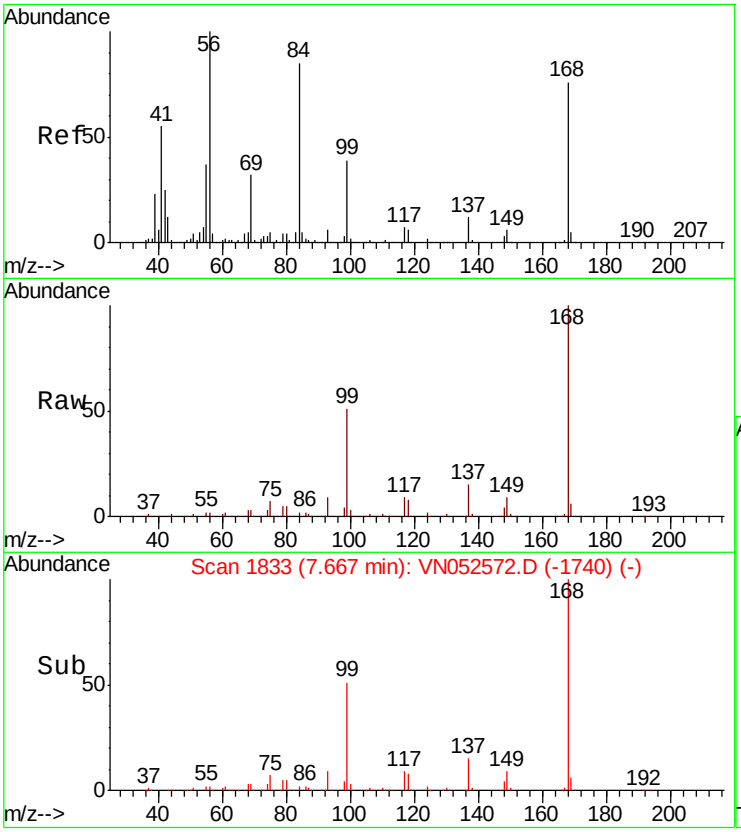
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052572.D
Acq On : 29 Nov 2018 18:25
Operator : MD\SY
Sample : J5767-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Quant Time: Nov 30 00:28:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration



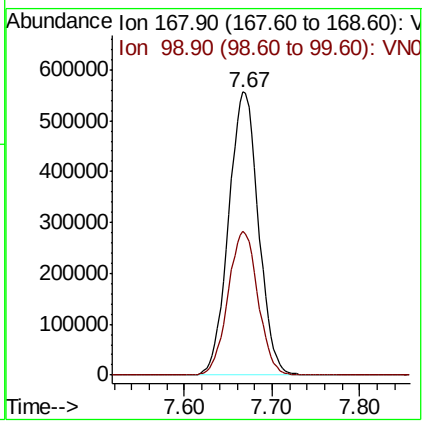


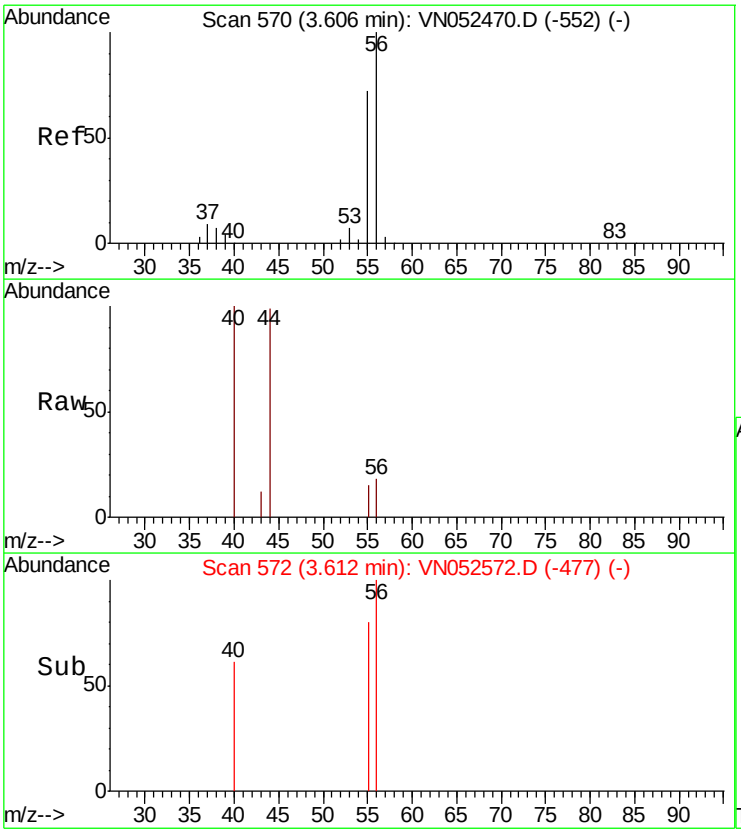
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:168 Resp: 1318599

Ion	Ratio	Lower	Upper
168	100		
99	50.8	41.7	62.5

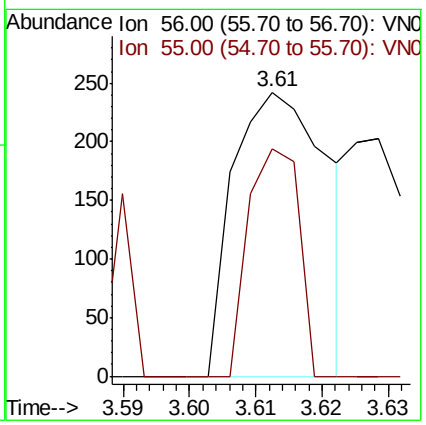


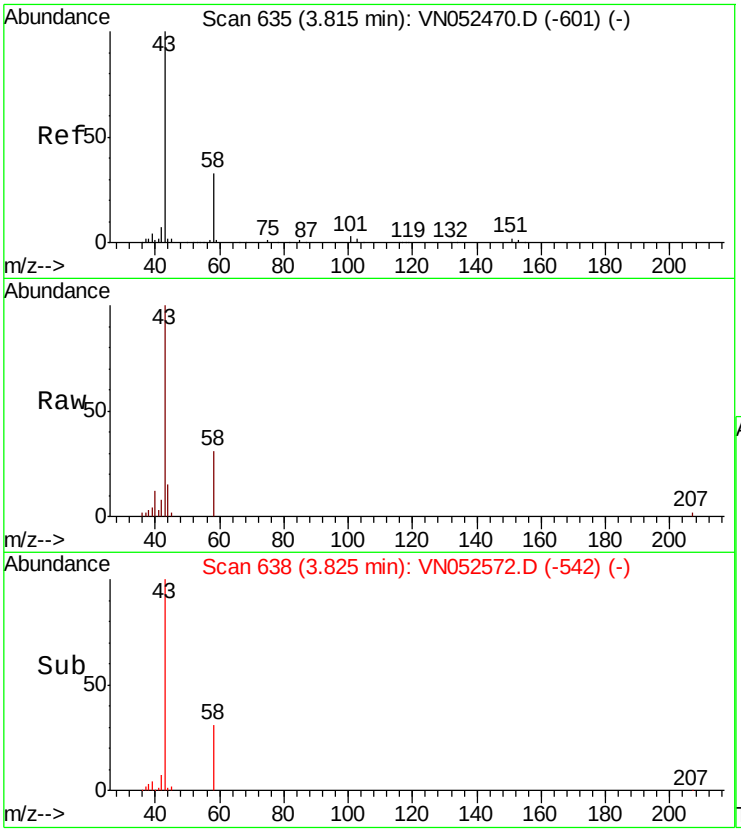


#13
Acrolein
Concen: 33.639 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 56 Resp: 239

Ion	Ratio	Lower	Upper
56	100		
55	43.1	56.8	85.2#



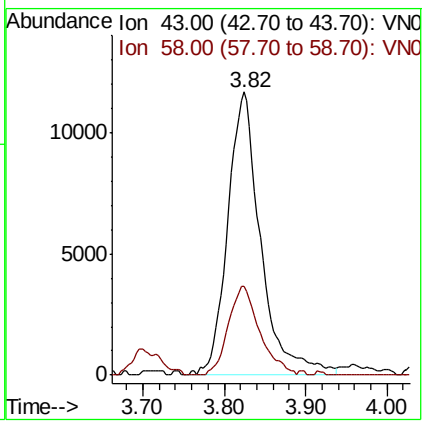


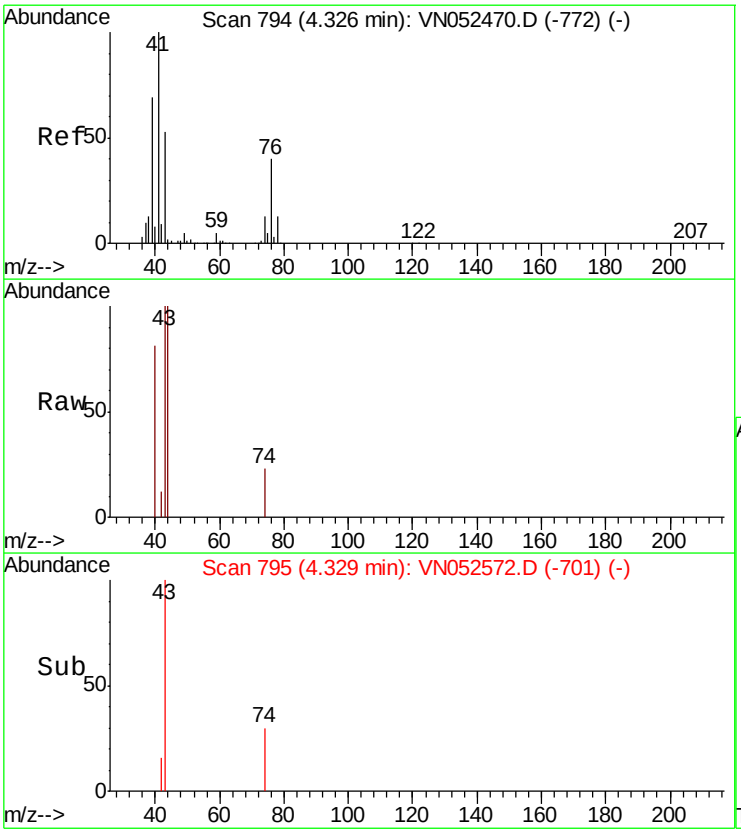
#16
Acetone
Concen: 8.725 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion: 43 Resp: 33039

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.0	39.0

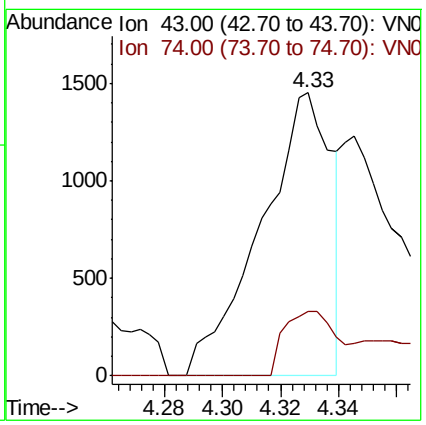


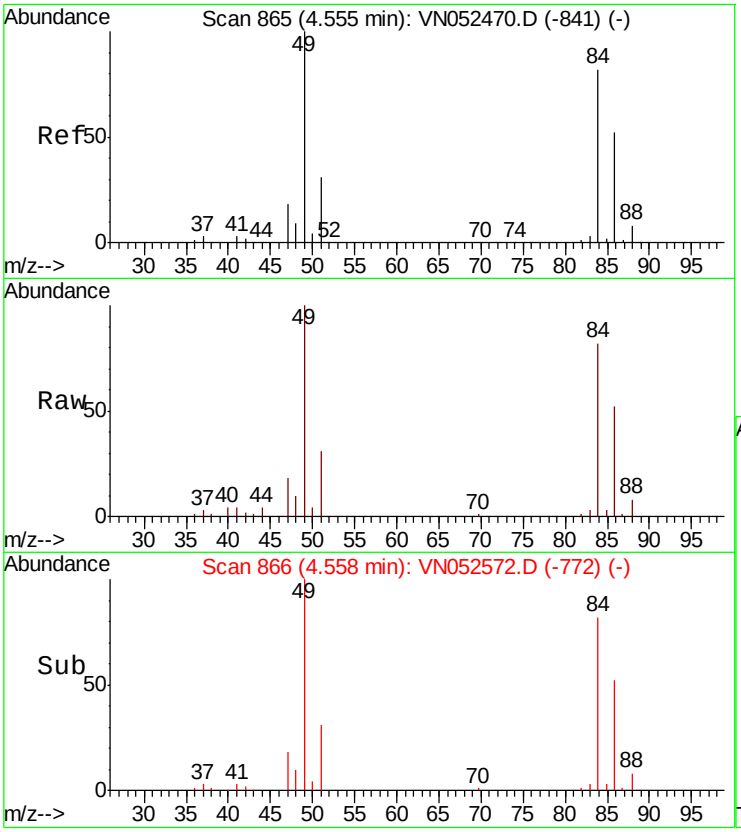


#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 43 Resp: 2456

Ion	Ratio	Lower	Upper
43	100		
74	17.8	18.6	27.8#



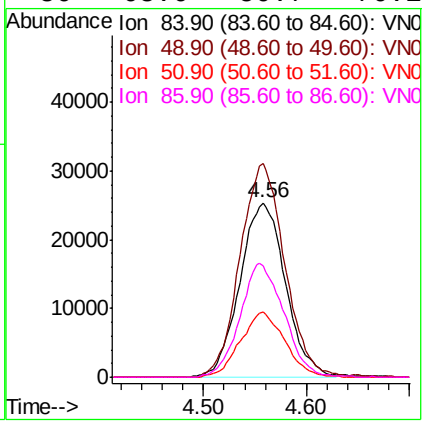


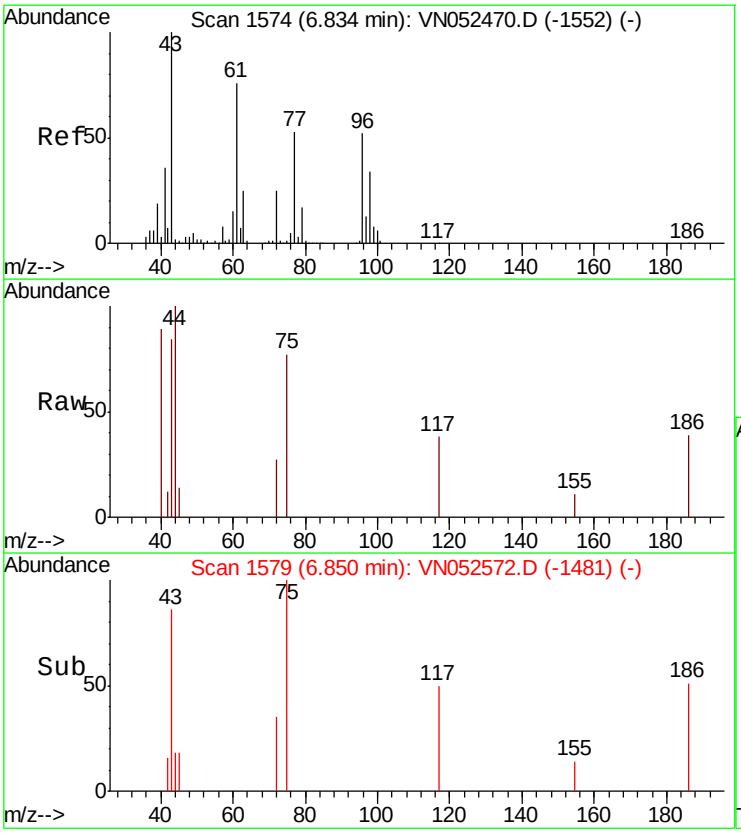
#20
Methylene Chloride
Concen: 5.248 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 84 Resp: 77775

Ion	Ratio	Lower	Upper
84	100		
49	122.3	98.0	147.0
51	37.6	30.1	45.1
86	63.6	50.7	76.1

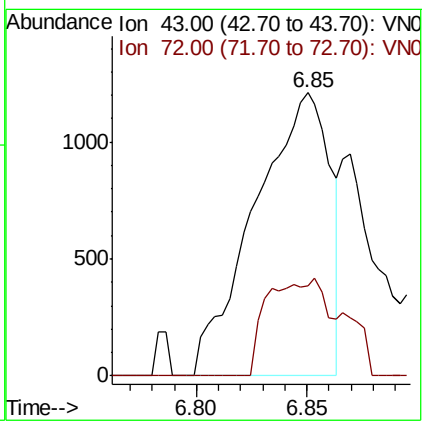


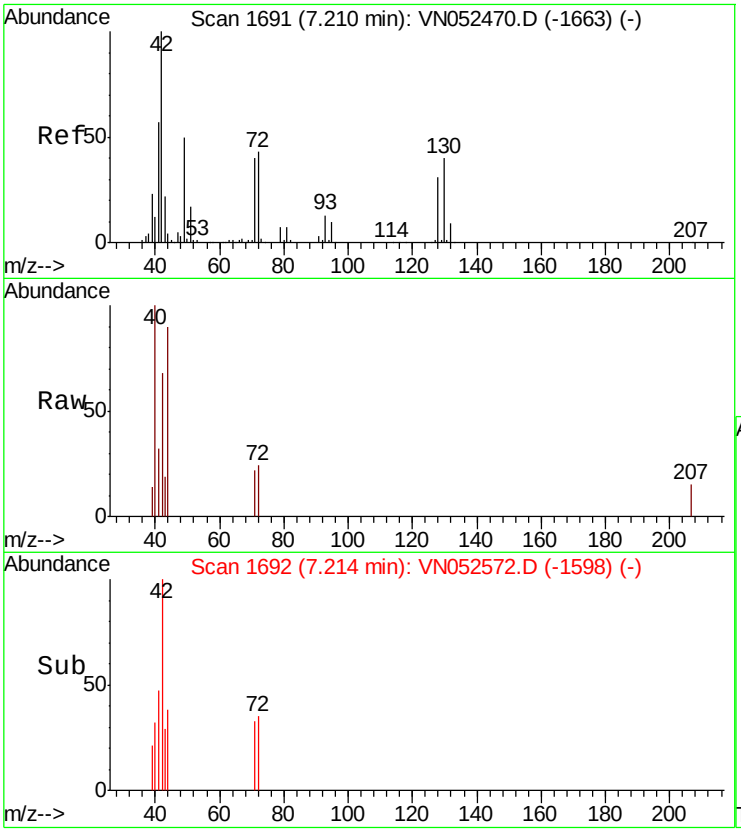


#25
2-Butanone
Concen: 0.534 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 43 Resp: 2864

Ion	Ratio	Lower	Upper
43	100		
72	32.1	20.1	30.1#



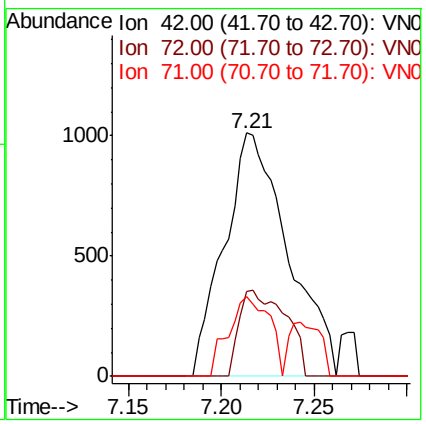


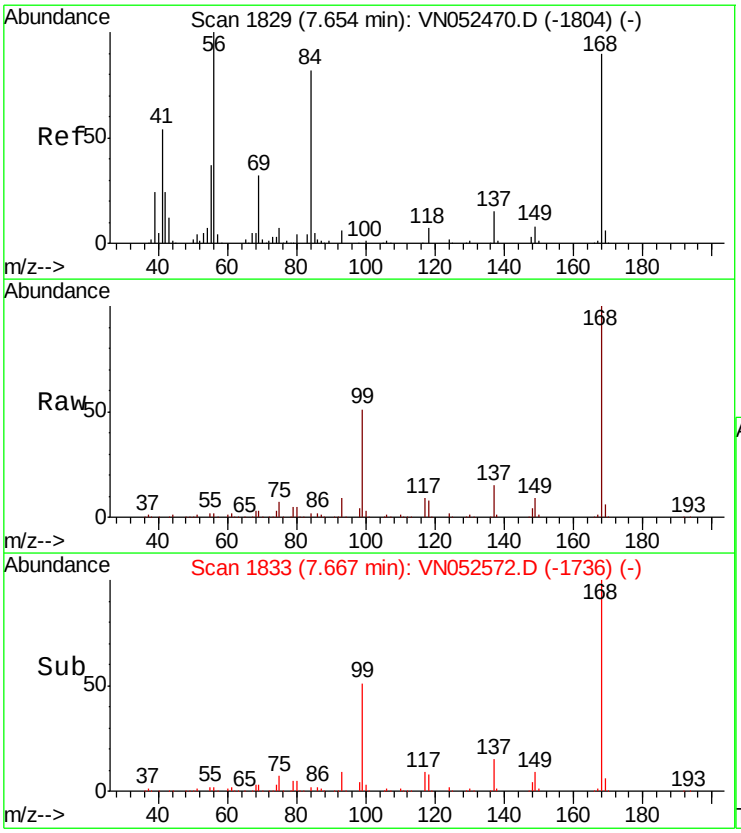
#29
Tetrahydrofuran
Concen: 0.700 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion: 42 Resp: 2424

Ion	Ratio	Lower	Upper
42	100		
72	25.7	33.3	49.9#
71	21.0	32.0	48.0#

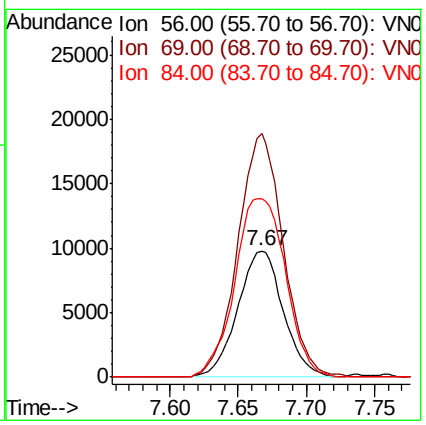


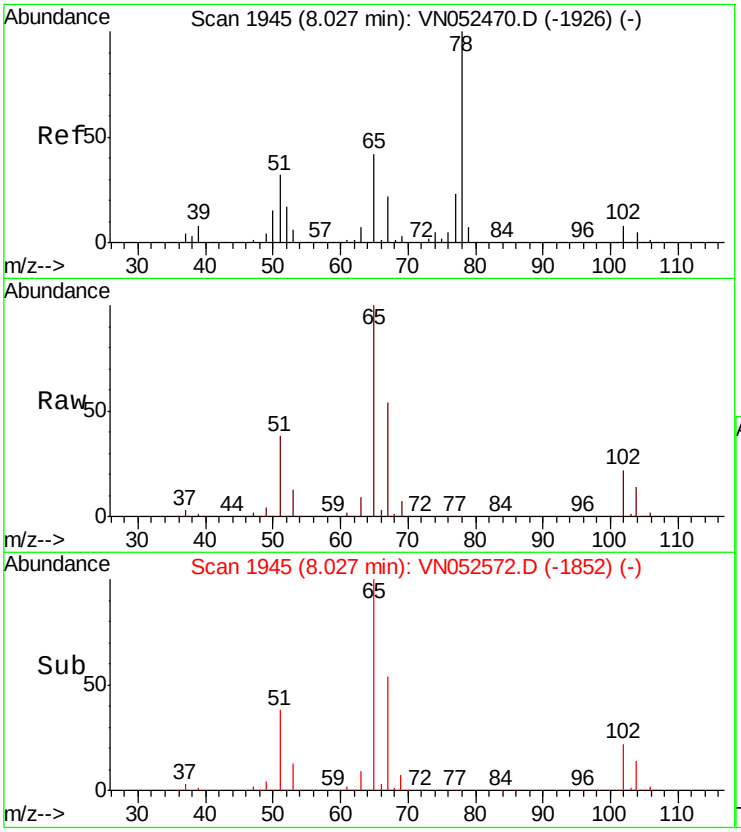


#31
Cyclohexane
Concen: 0.553 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 56 Resp: 22589

Ion	Ratio	Lower	Upper
56	100		
69	192.8	25.8	38.6#
84	140.9	65.3	97.9#



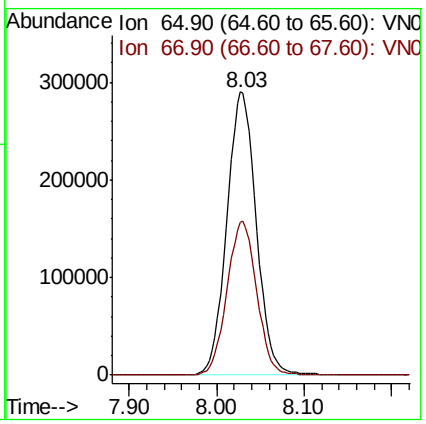


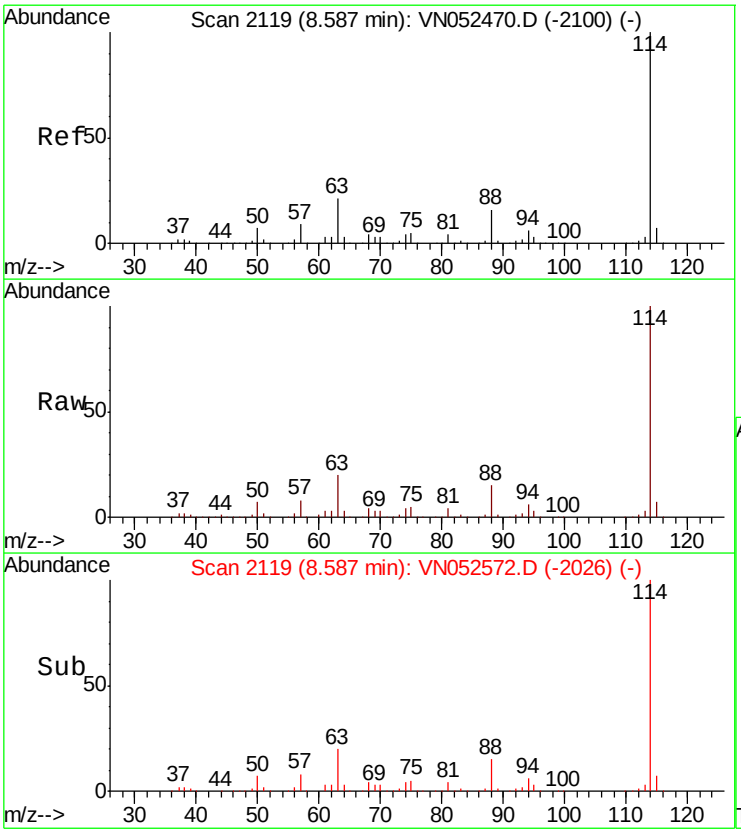
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion: 65 Resp: 678151

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.8

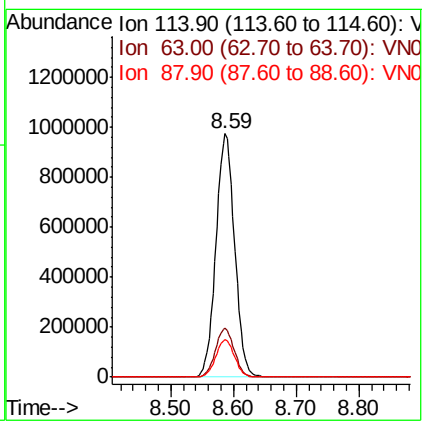


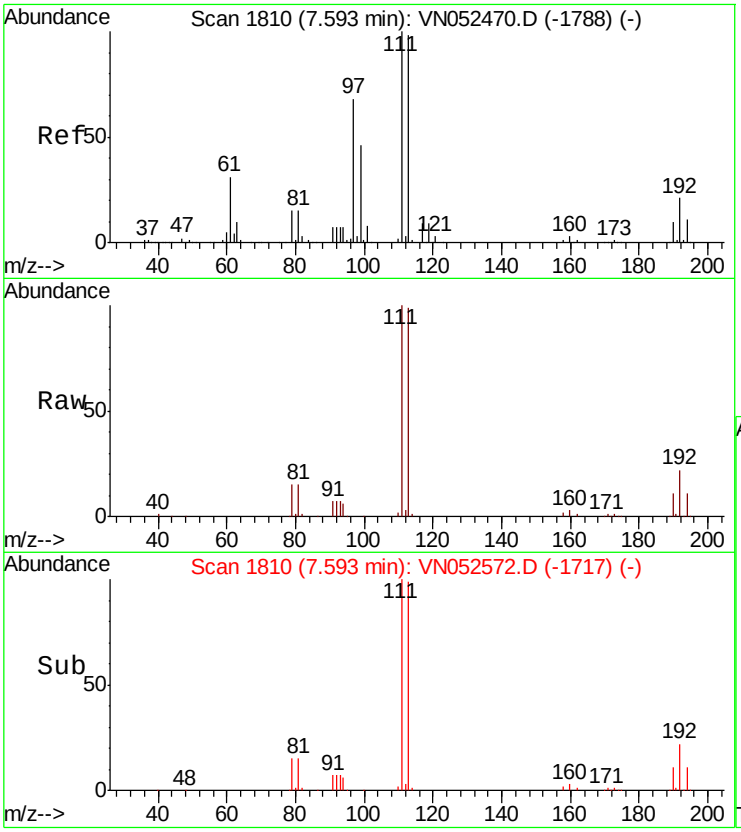


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion:114 Resp: 2014356

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.8
88	15.3	0.0	31.6



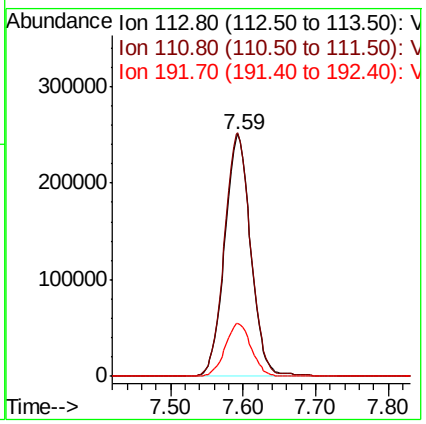


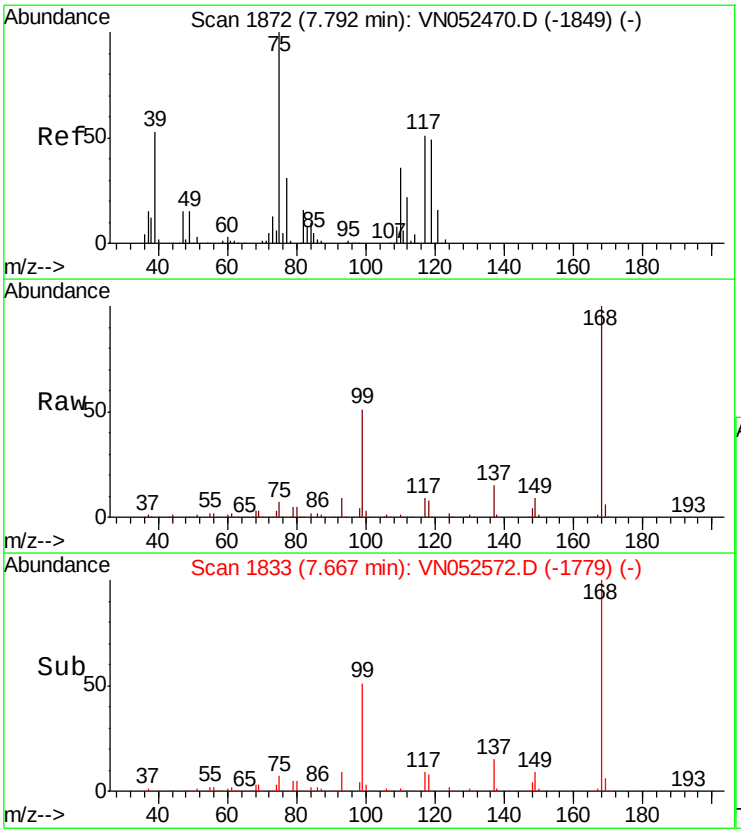
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:113 Resp: 625320

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.0	17.0	25.6

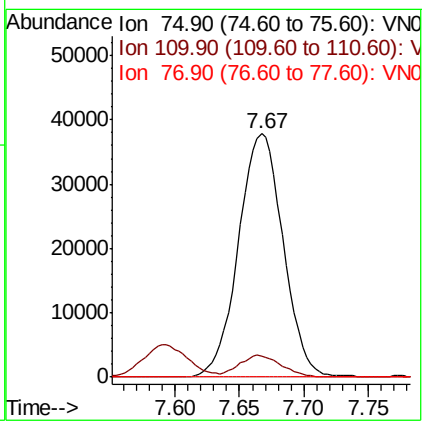


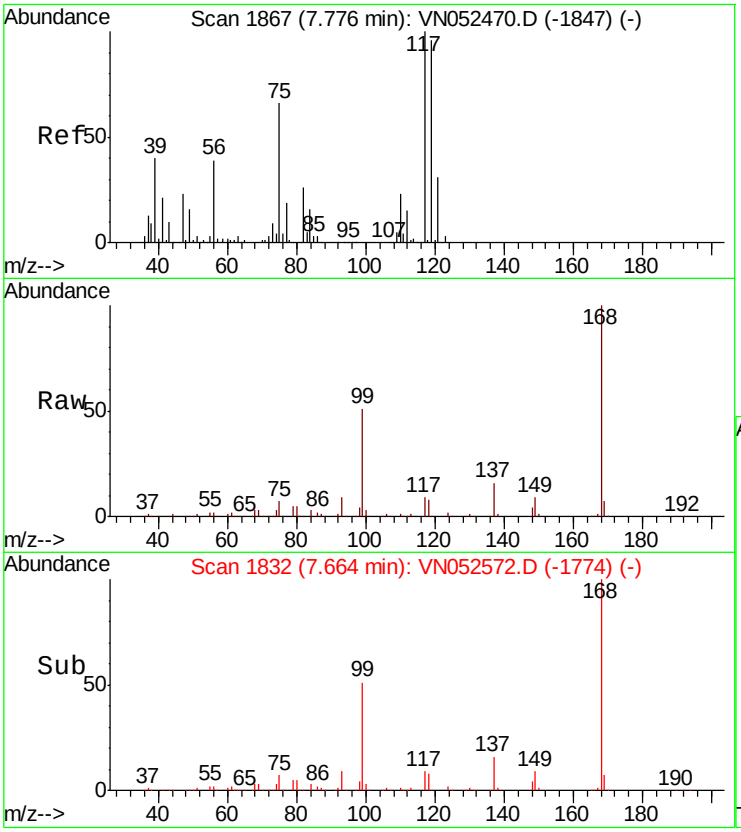


#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 75 Resp: 91144

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.6#
77	0.0	24.5	36.7#



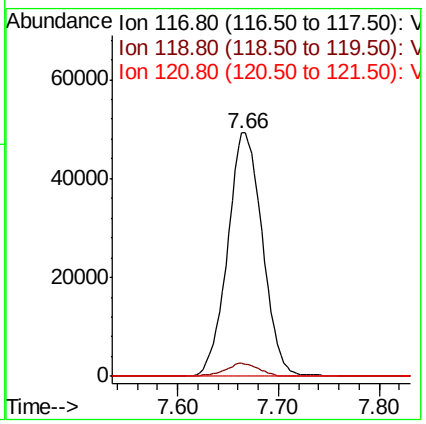


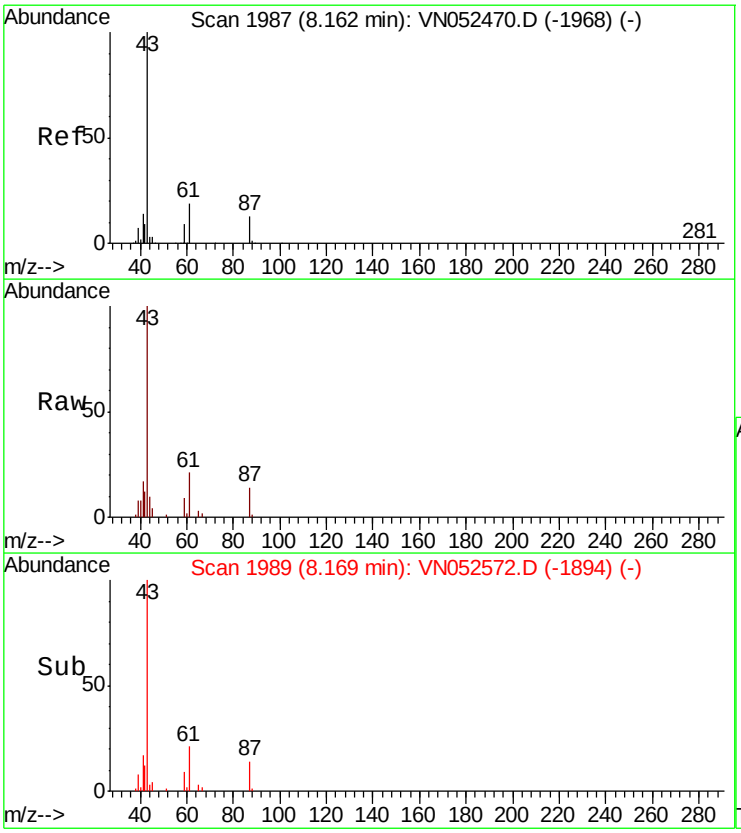
#38
Carbon Tetrachloride
Concen: 6.851 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:117 Resp: 117975

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.9	37.3#

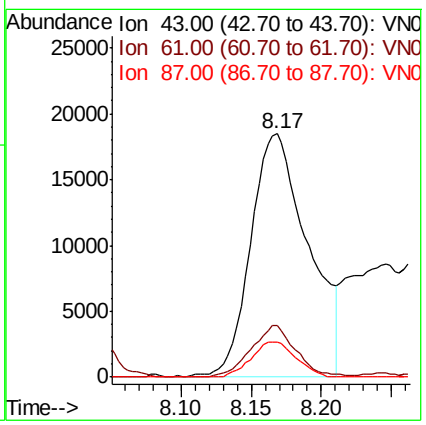


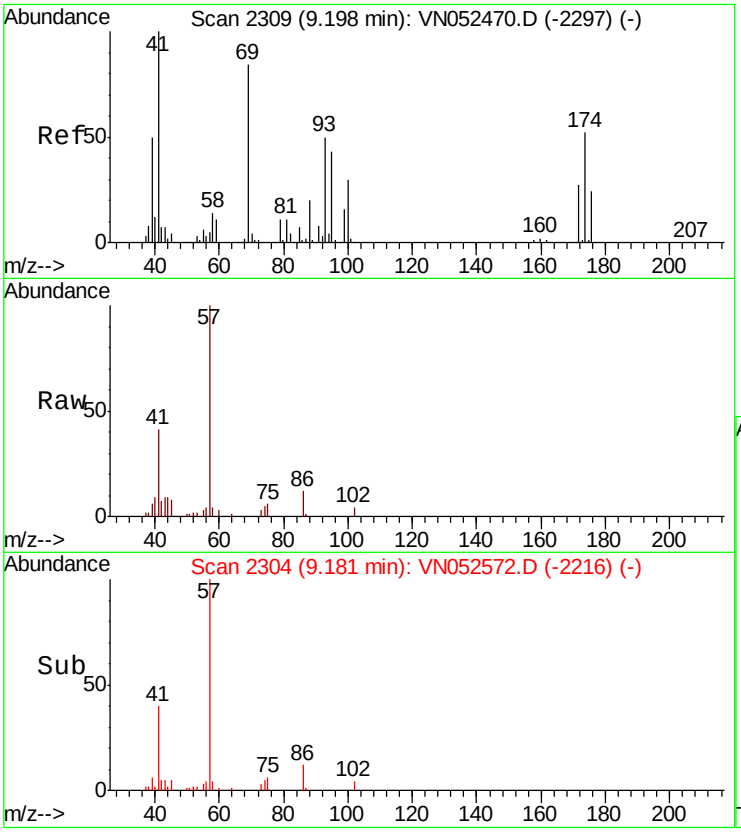


#43
Isopropyl Acetate
Concen: 2.680 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 43 Resp: 52656

Ion	Ratio	Lower	Upper
43	100		
61	16.4	24.1	36.1#
87	11.1	10.6	15.8



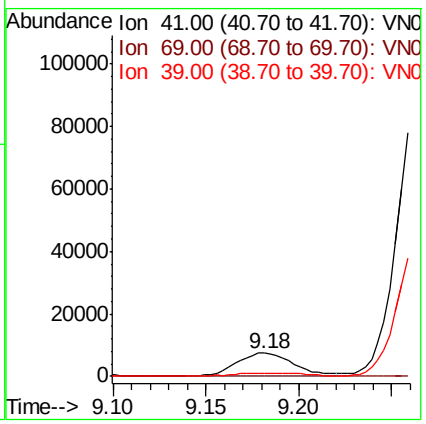


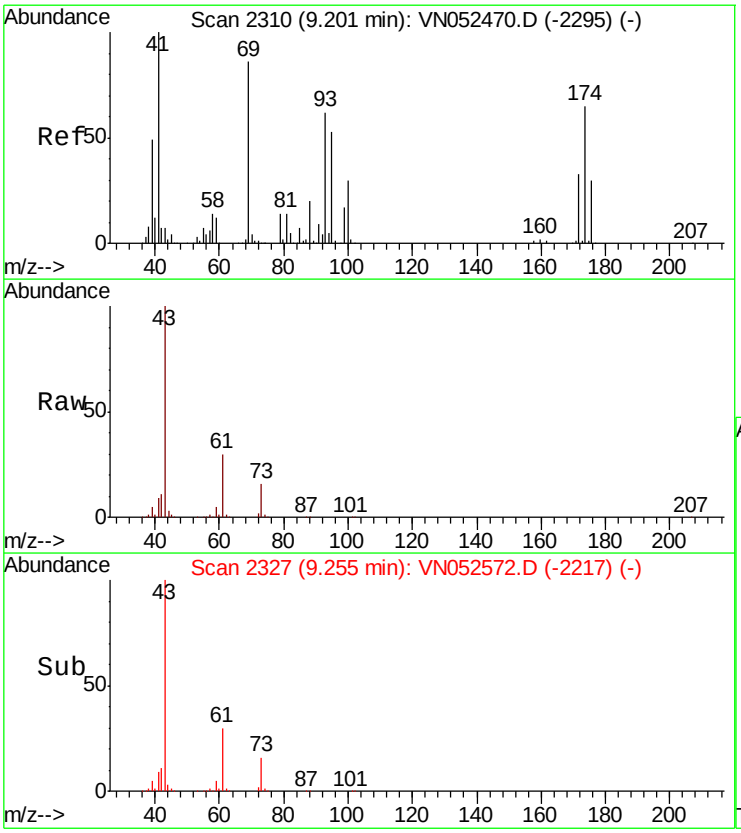
#48
Methyl methacrylate
Concen: 1.501 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 41 Resp: 15375

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.0	105.0#
39	0.0	42.6	64.0#

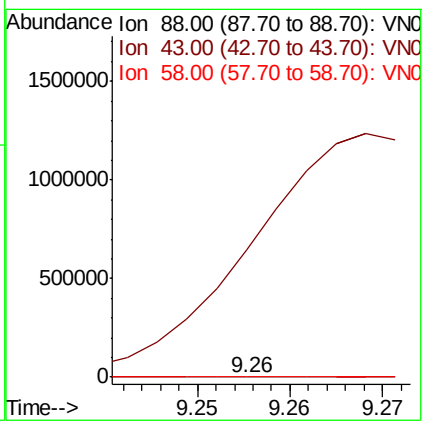


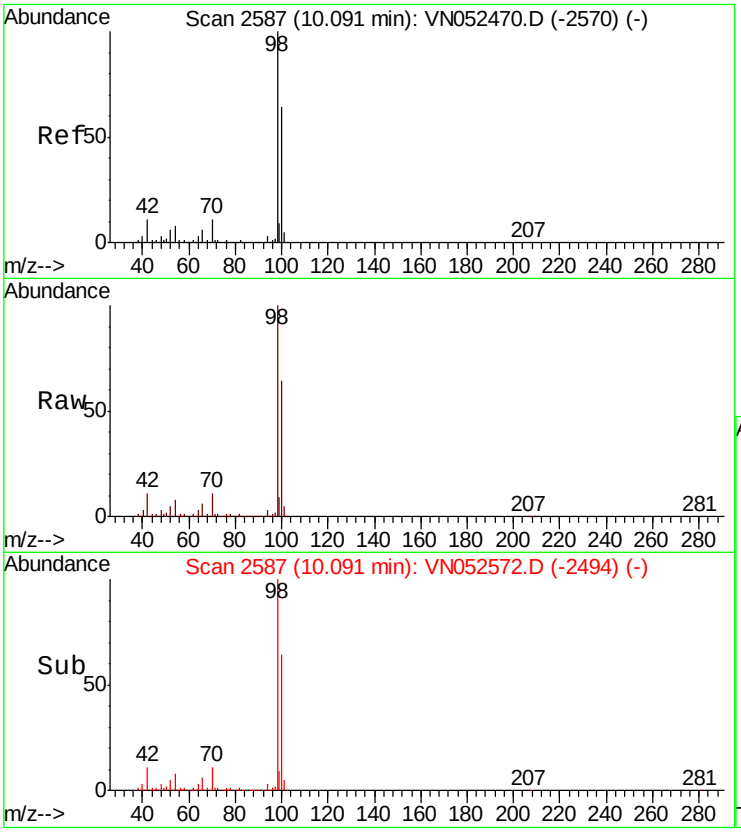


#49
1,4-Dioxane
Concen: 0.611 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.05 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.4	39.6#
58	0.0	55.4	83.0#



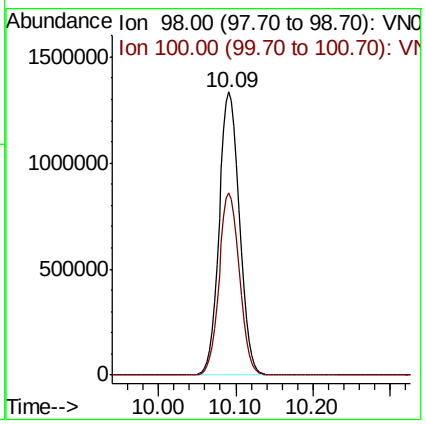


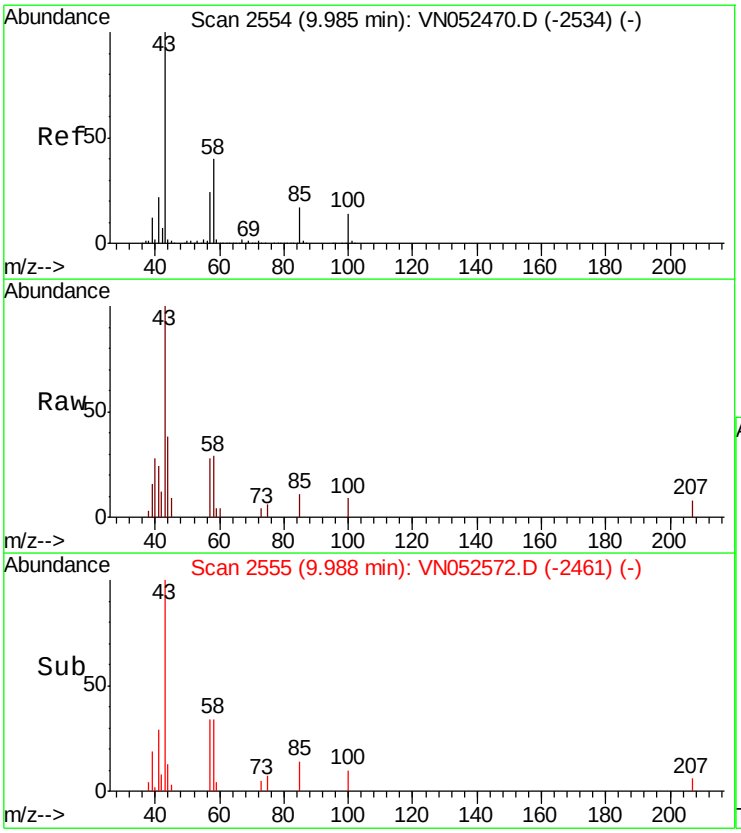
#50
Toluene-d8
Concen: 0.611 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 98 Resp: 2450706

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9

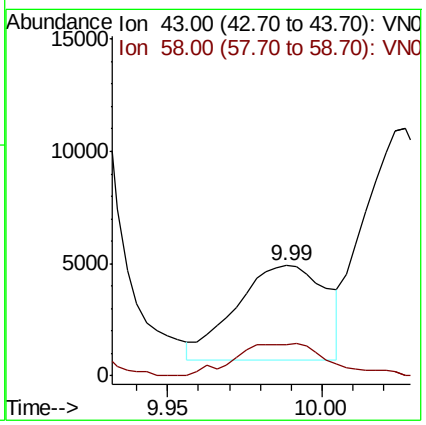


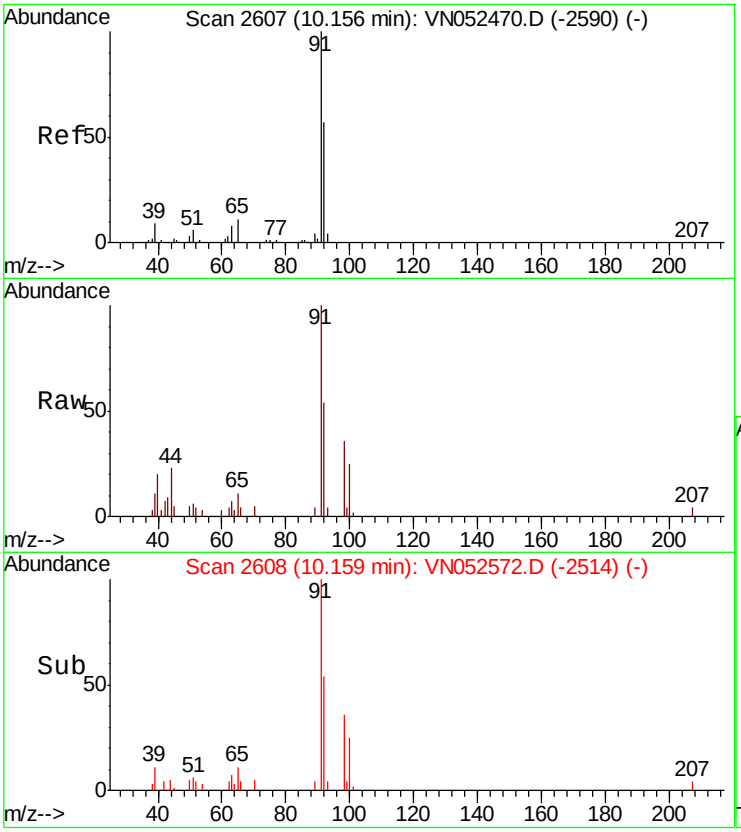


#51
4-Methyl-2-Pentanone
Concen: 0.778 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 43 Resp: 8574

Ion	Ratio	Lower	Upper
43	100		
58	17.2	31.5	47.3#



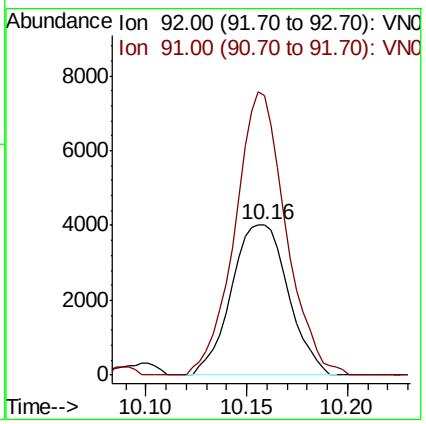


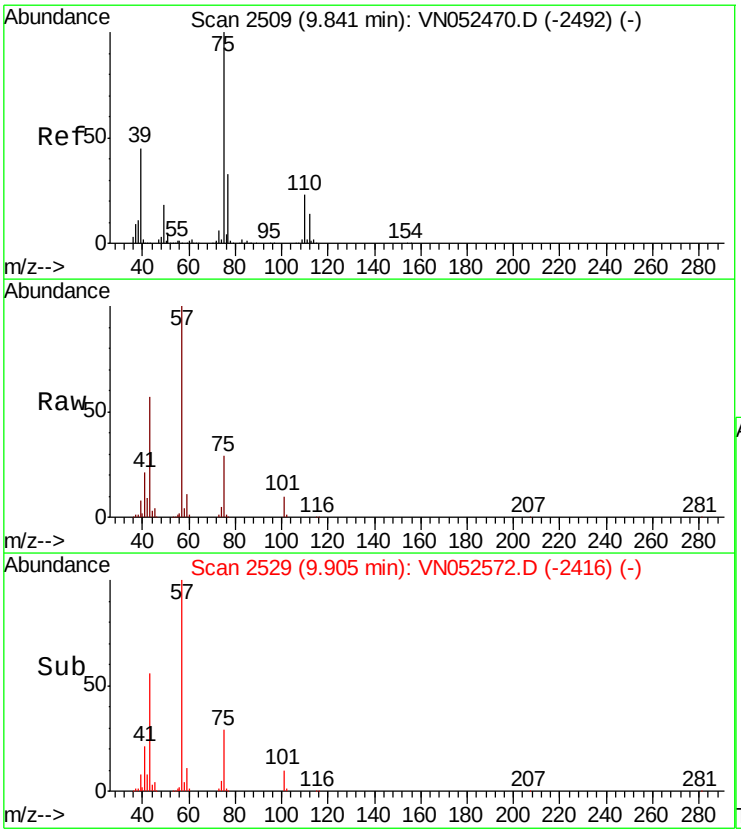
#52
Toluene
Concen: 0.235 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion: 92 Resp: 7906

Ion	Ratio	Lower	Upper
92	100		
91	169.0	141.0	211.4

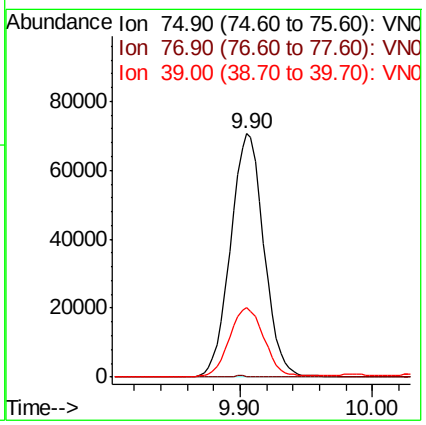


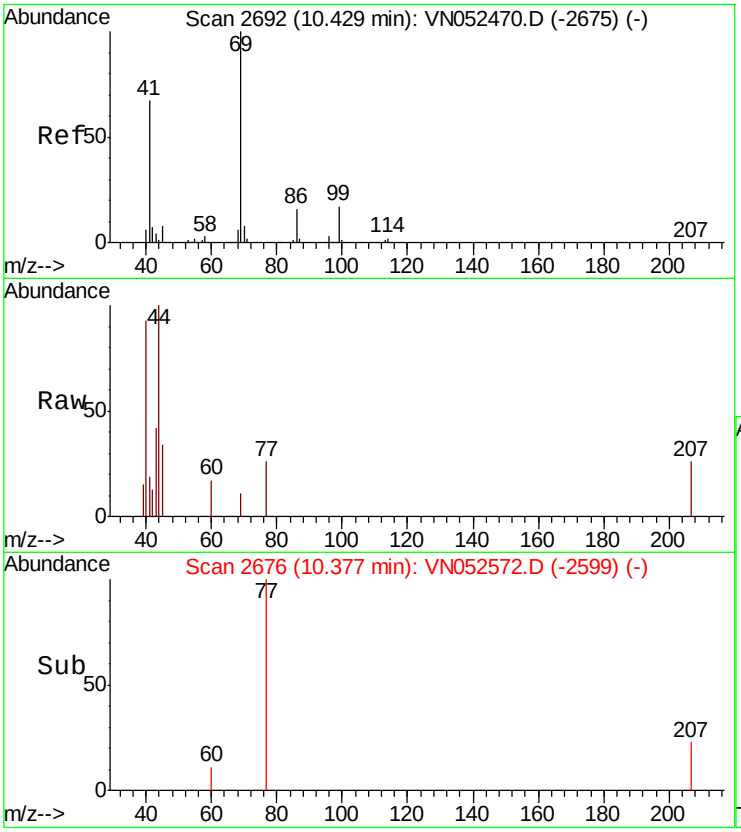


#54
cis-1,3-Dichloropropene
Concen: 5.894 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 75 Resp: 123265

Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.2	39.2#
39	28.4	36.0	54.0#



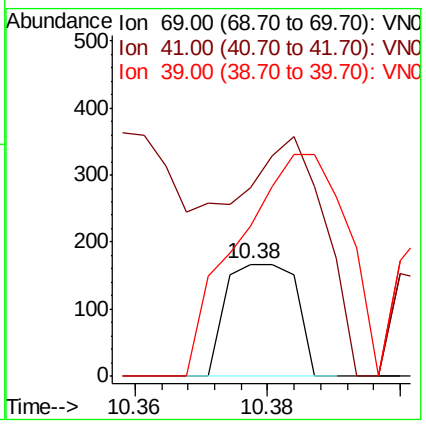


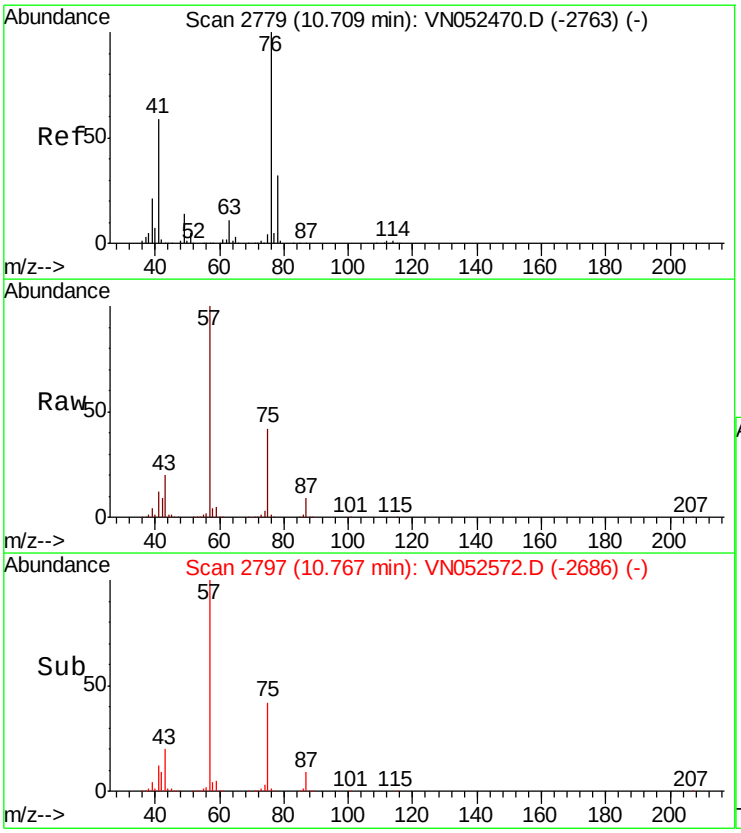
#56
Ethyl methacrylate
Concen: 2.700 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.05 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 69 Resp: 123

Ion	Ratio	Lower	Upper
69	100		
41	0.0	52.6	79.0#
39	0.0	25.9	38.9#

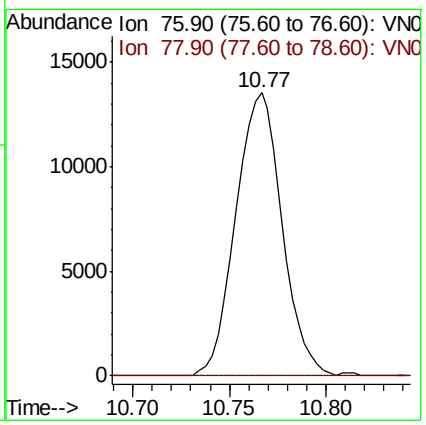


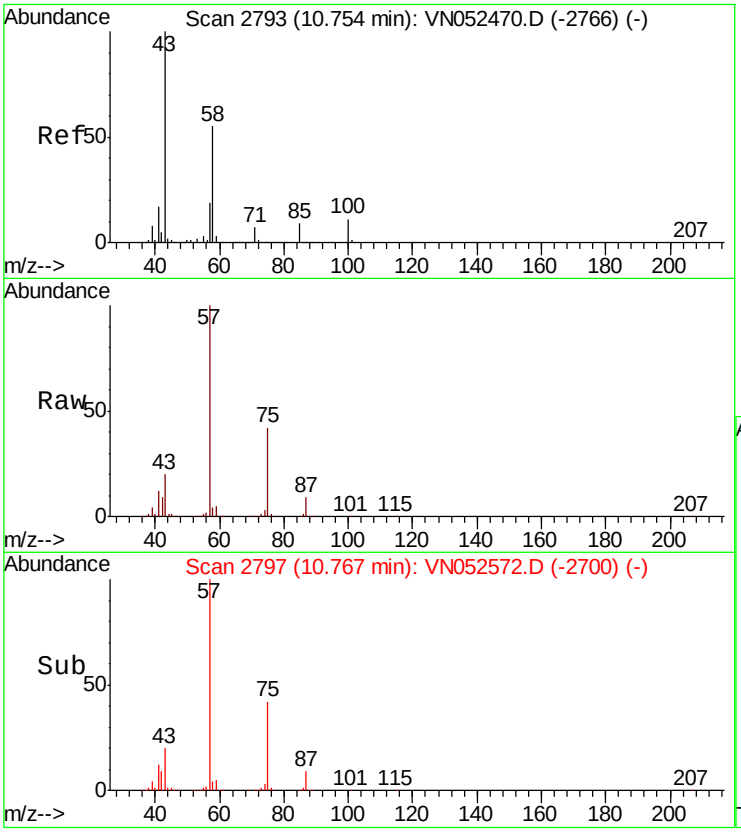


#57
1,3-Dichloropropane
Concen: 1.075 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 76 Resp: 22498

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



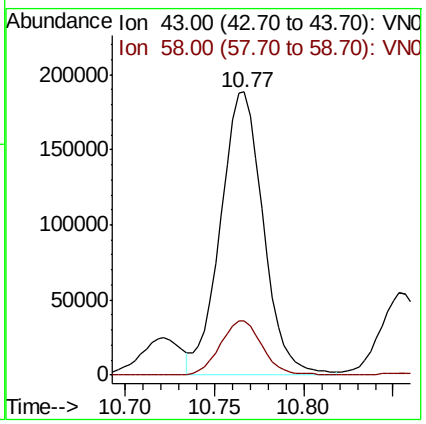


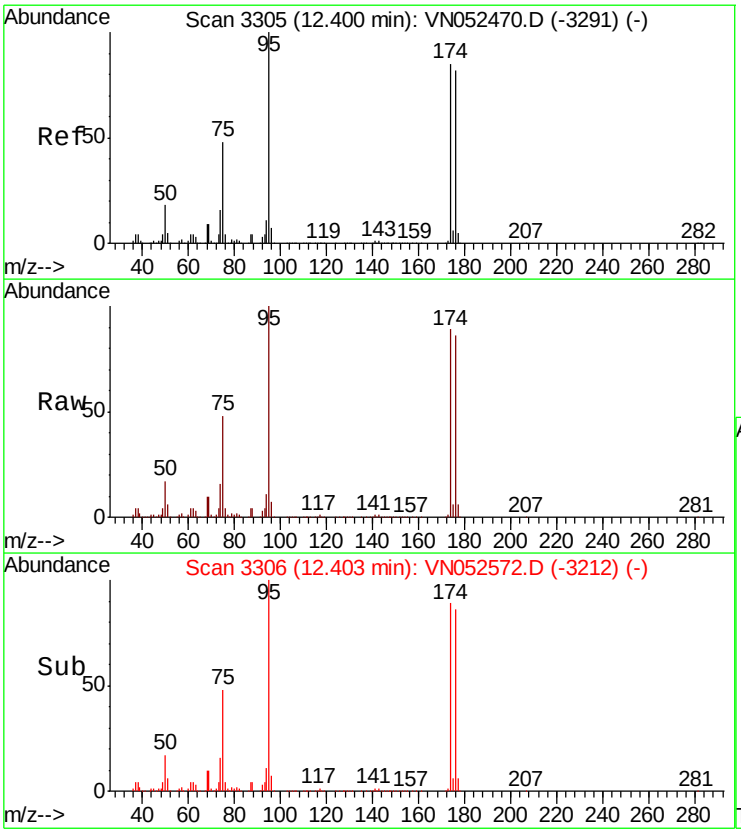
#59
2-Hexanone
Concen: 42.188 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 43 Resp: 312107

Ion	Ratio	Lower	Upper
43	100		
58	19.1	27.4	82.0#

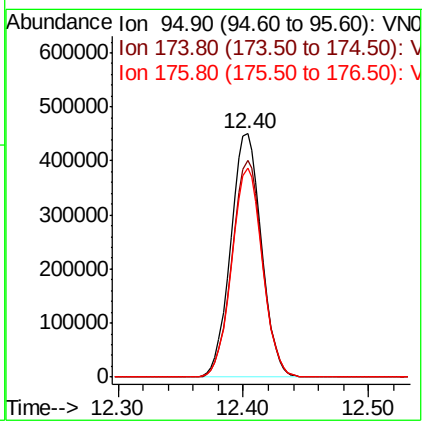


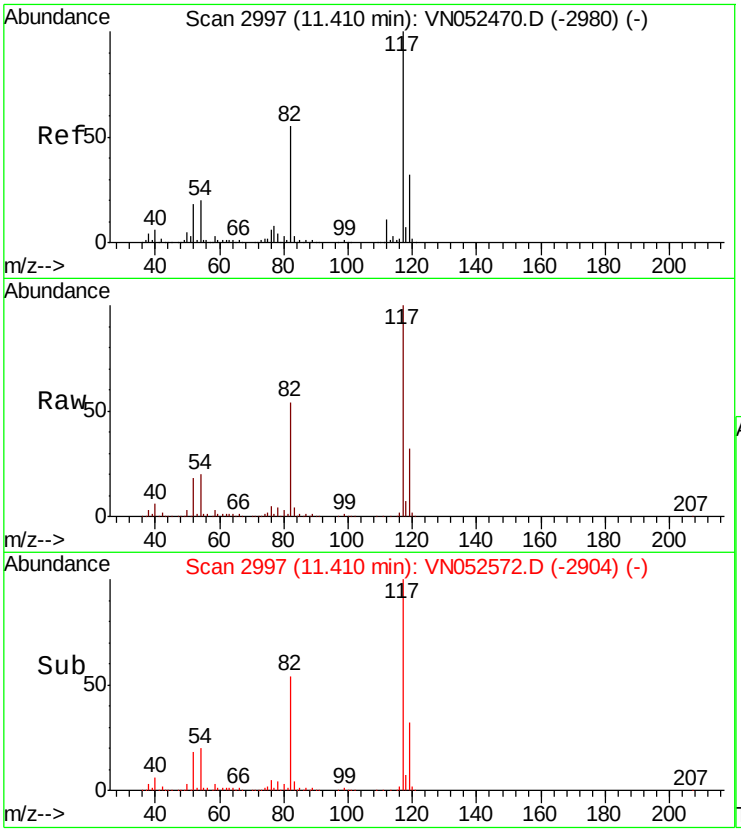


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 95 Resp: 766122

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	173.0
176	85.7	0.0	166.2



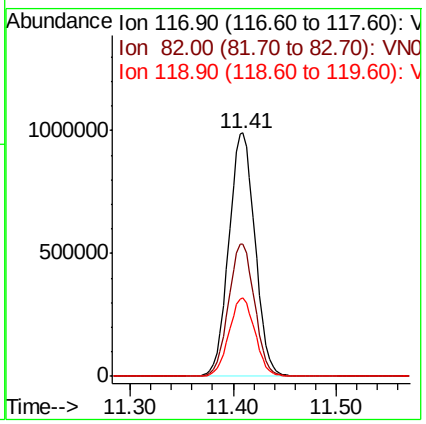


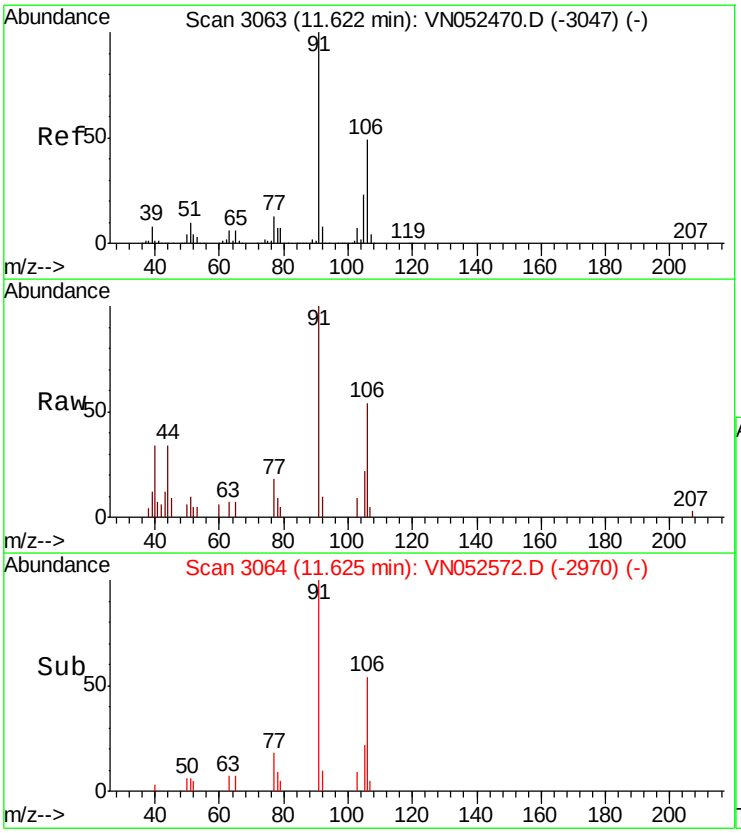
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:117 Resp: 1751268

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	32.2	25.4	38.2

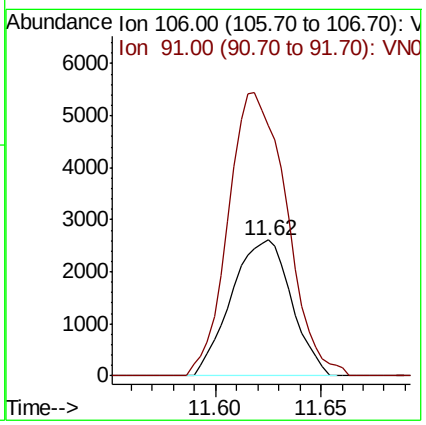


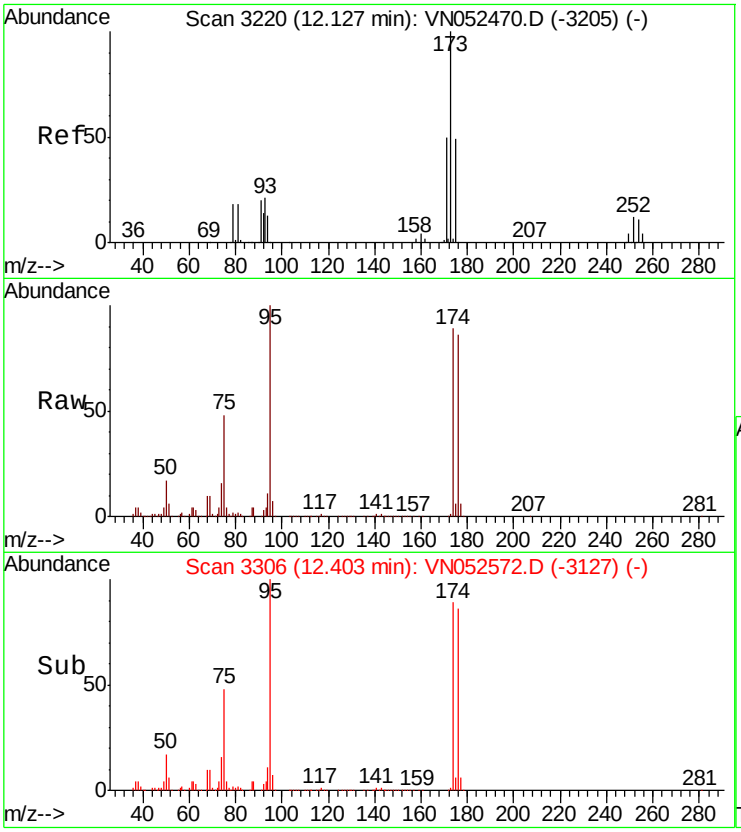


#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion:106 Resp: 5176

Ion	Ratio	Lower	Upper
106	100		
91	202.5	163.2	244.8



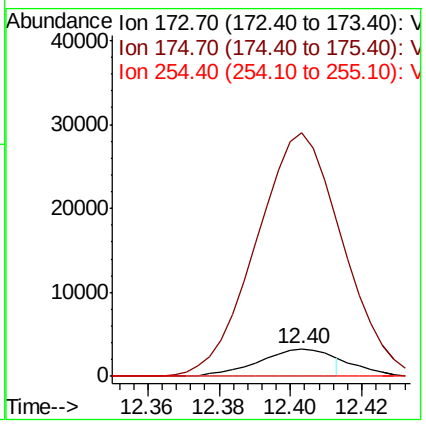


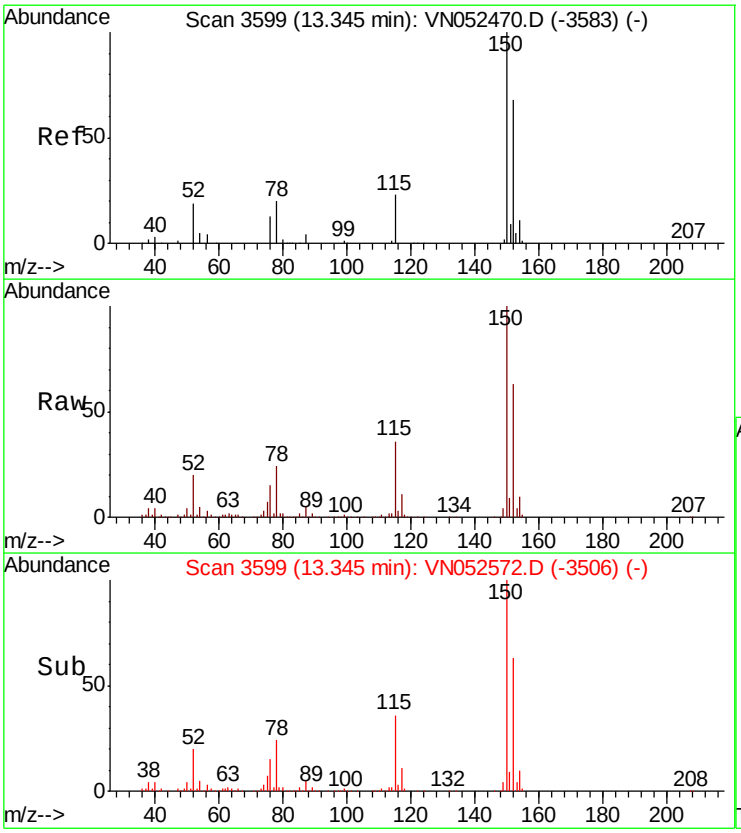
#71
Bromoform
Concen: 0.545 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:173 Resp: 4531

Ion	Ratio	Lower	Upper
173	100		
175	912.7	24.4	73.2#
254	0.0	0.1	0.1#

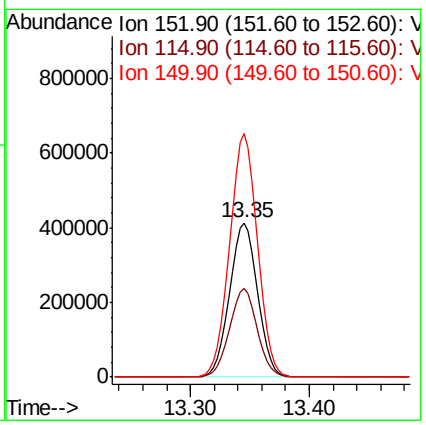


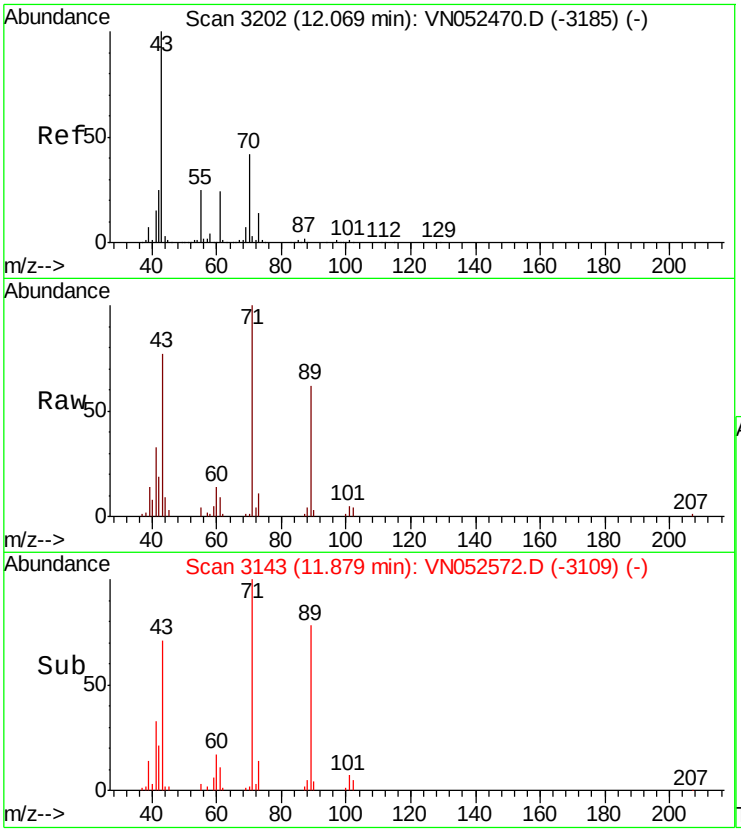


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion:152 Resp: 670209

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.4	85.2
150	157.2	0.0	346.0



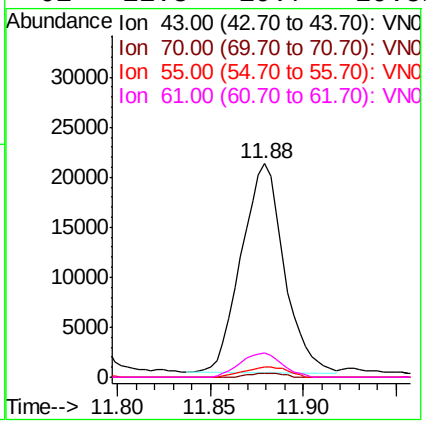


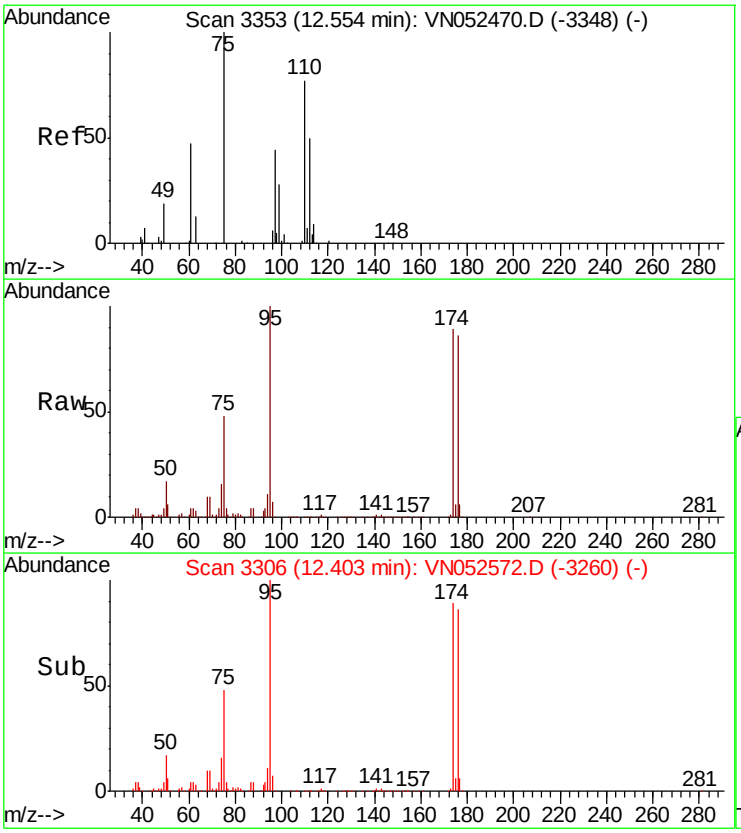
#74
N-amyl acetate
Concen: 2.545 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion: 43 Resp: 33810

Ion	Ratio	Lower	Upper
43	100		
70	1.5	33.8	50.8#
55	4.9	20.0	30.0#
61	11.3	19.7	29.5#

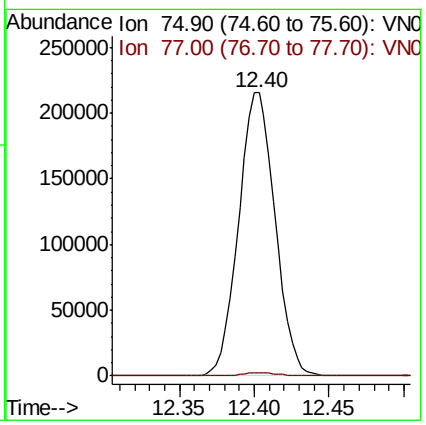


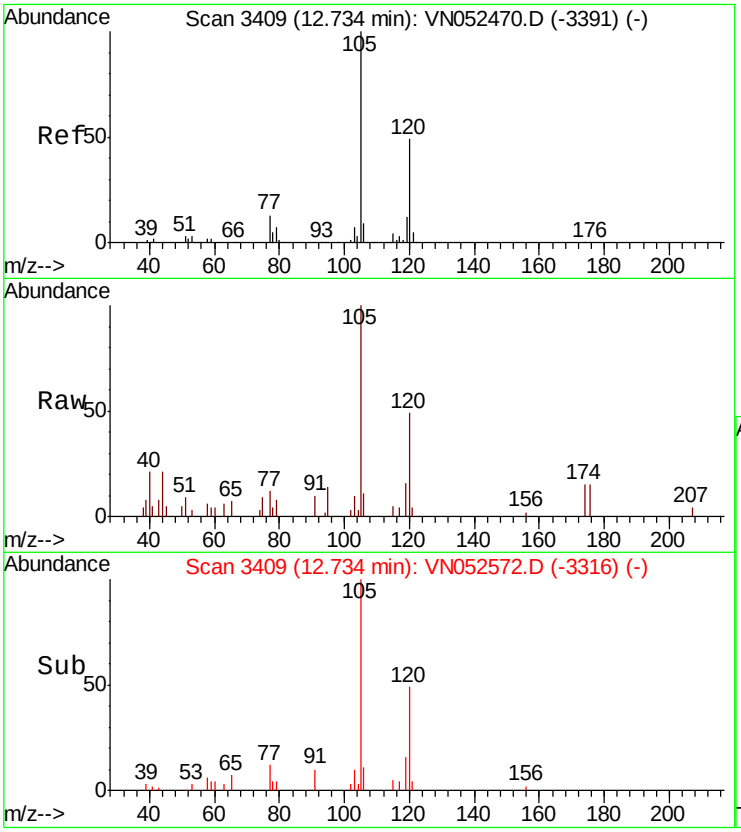


#76
1,2,3-Trichloropropane
Concen: 35.382 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 75 Resp: 365671

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



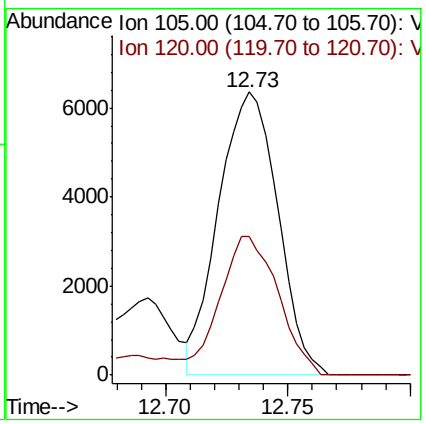


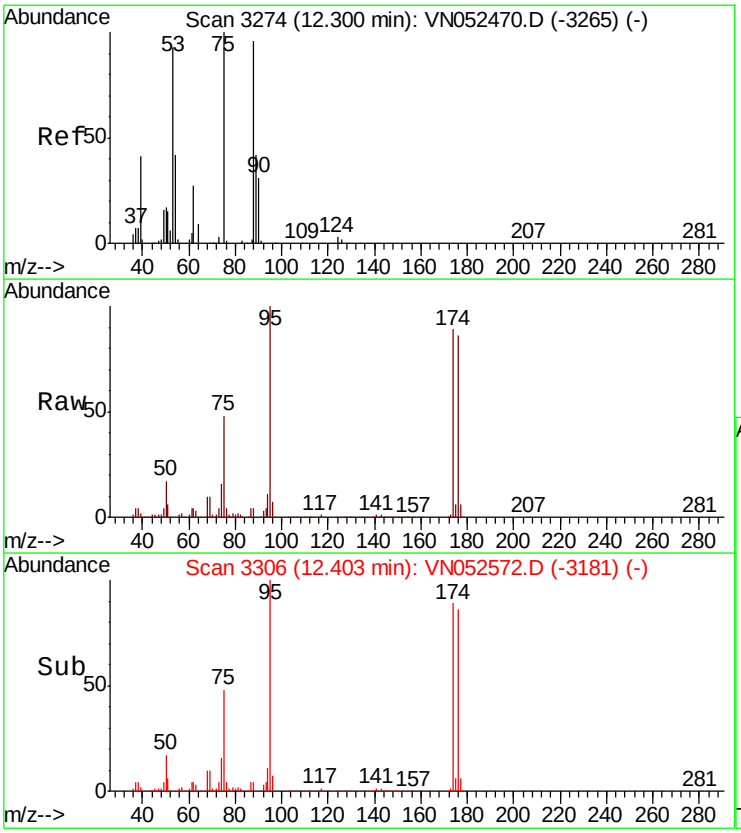
#80
1,3,5-Trimethylbenzene
Concen: 0.255 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:105 Resp: 10704

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	73.0

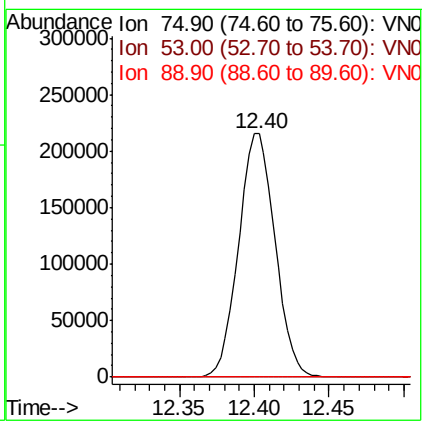


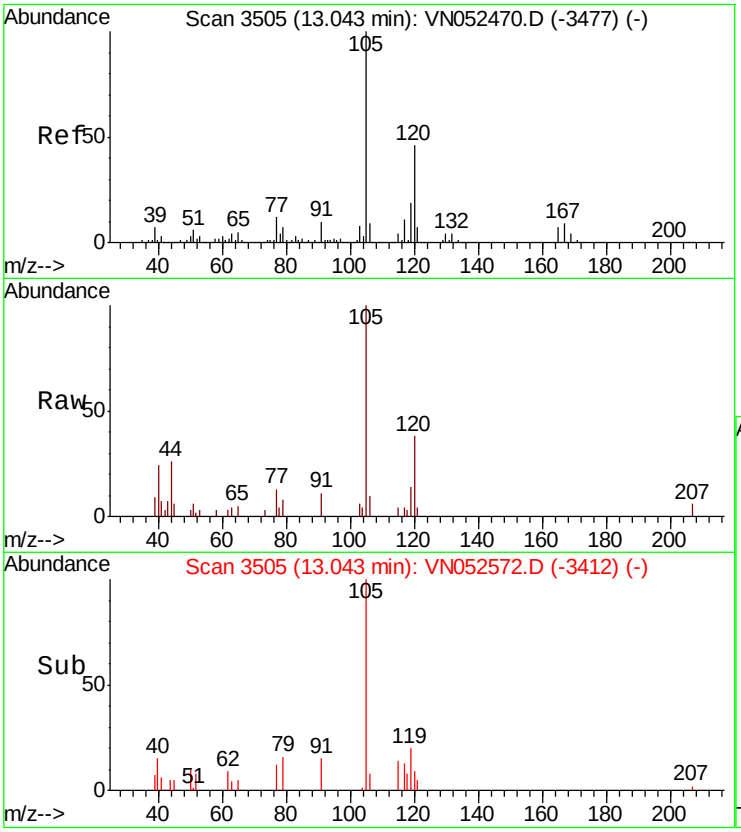


#81
trans-1,4-Dichloro-2-butene
Concen: 118.159 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 75 Resp: 365671

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.4	116.0#
89	0.0	35.4	53.2#



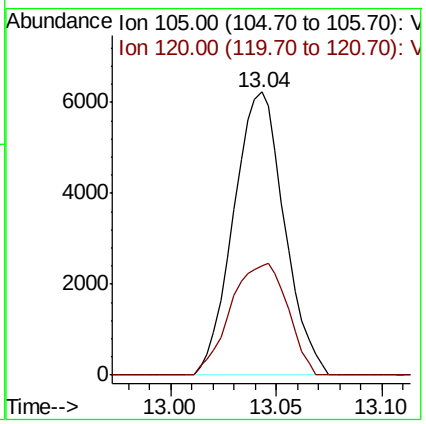


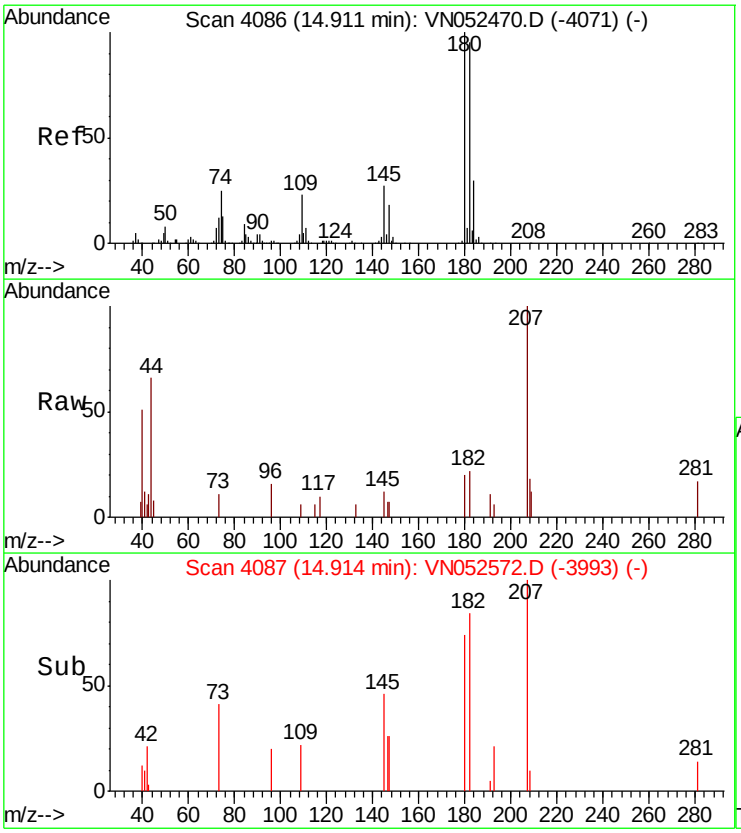
#84
1,2,4-Trimethylbenzene
Concen: 0.248 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-A

Tgt Ion:105 Resp: 10417

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.8	68.4

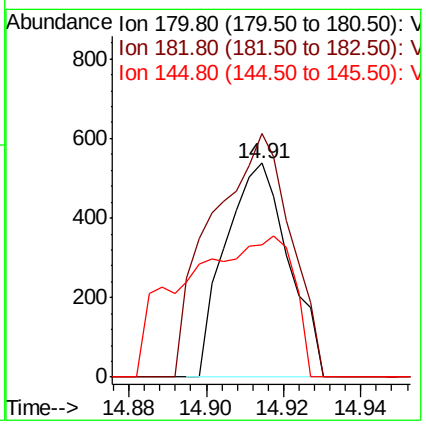


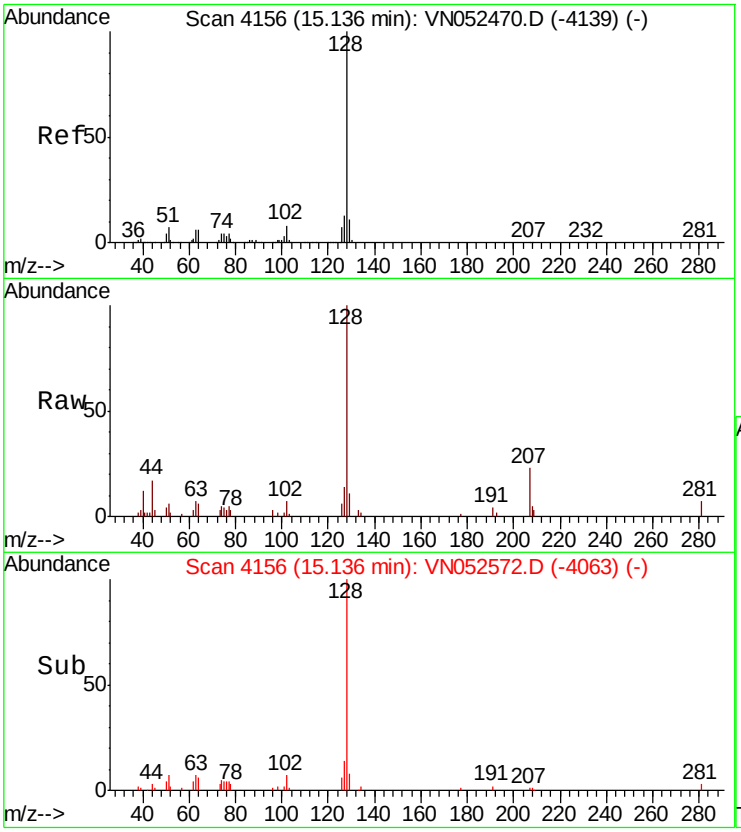


#93
1,2,4-Trichlorobenzene
Concen: 2.878 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion:180 Resp: 610

Ion	Ratio	Lower	Upper
180	100		
182	142.0	47.8	143.4
145	114.3	14.1	42.3#



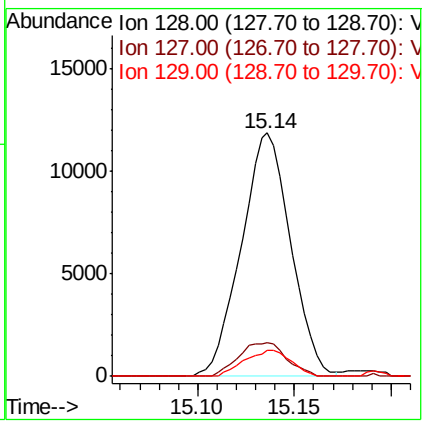


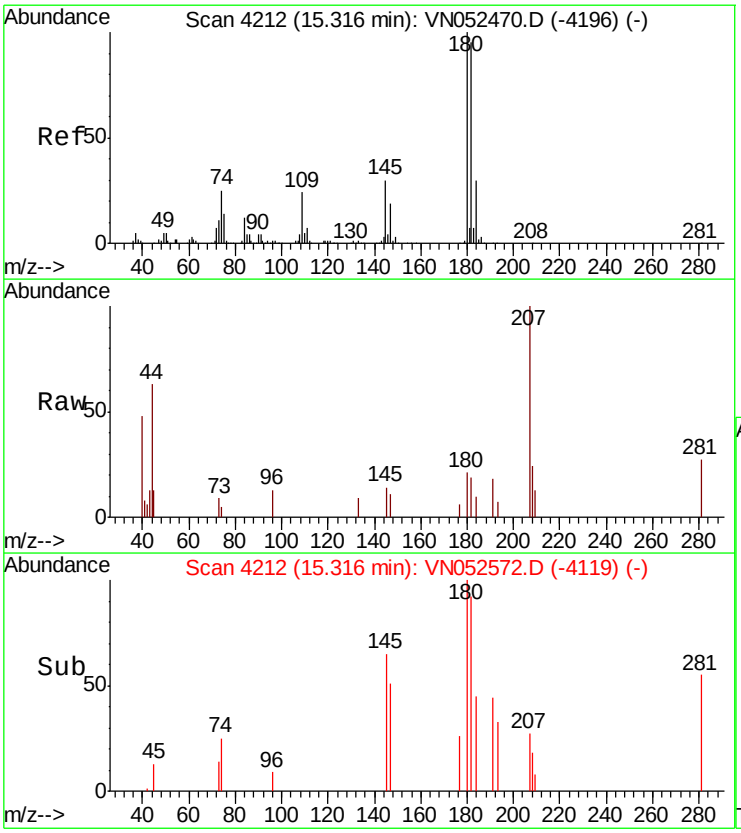
#95
Naphthalene
Concen: 4.205 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Instrument : MSVOA_N
ClientSampleId : CL-02-112818-A

Tgt Ion:128 Resp: 21037

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 2.807 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion:180 Resp: 923

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	102.3	15.2	45.5#