Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041619\
Data File : VN055083.D
Acq On : 16 Apr 2019 17:19
Operator : JC/SP
Sample : K2203-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Quant Time: Apr 17 01:39:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	522403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	849676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	335161	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.54%			
35) Dibromofluoromethane	7.59	113	269178	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.80%			
50) Toluene-d8	10.09	98	1017639	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
62) 4-Bromofluorobenzene	12.40	95	293187	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.74%			
Target Compounds						Qvalue
13) Acrolein	3.60	56	234	0.497	ug/l #	67
14) Allyl chloride	4.54	41	78109	7.696	ug/l #	26
16) Acetone	3.82	43	12575	6.672	ug/l #	90
18) Methyl Acetate	4.34	43	2070	Below Cal #		84
20) Methylene Chloride	4.54	84	1727952	260.804	ug/l	97
25) 2-Butanone	6.85	43	1546	0.550	ug/l #	53
29) Tetrahydrofuran	7.22	42	1452	0.787	ug/l #	54
30) Chloroform	7.36	83	2326	0.216	ug/l	93
31) Cyclohexane	7.66	56	11194	Below Cal #		2
36) 1,1-Dichloropropene	7.66	75	38869	4.853	ug/l #	50
38) Carbon Tetrachloride	7.67	117	50759	6.661	ug/l #	16
43) Isopropyl Acetate	8.17	43	12564	1.250	ug/l	97
48) Methyl methacrylate	9.18	41	6951	1.396	ug/l #	17
49) 1,4-Dioxane	9.21	88	67	1.436	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	4905	0.845	ug/l #	81
54) cis-1,3-Dichloropropene	9.90	75	46331	5.407	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	8470	0.934	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	62	10.758	ug/l #	50
59) 2-Hexanone	10.76	43	132534	36.350	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	149171	36.674	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5966	0.368	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	149171	146.655	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	8763	0.571	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	136	2.714	ug/l #	39
95) Naphthalene	15.14	128	4178	3.563	ug/l #	90

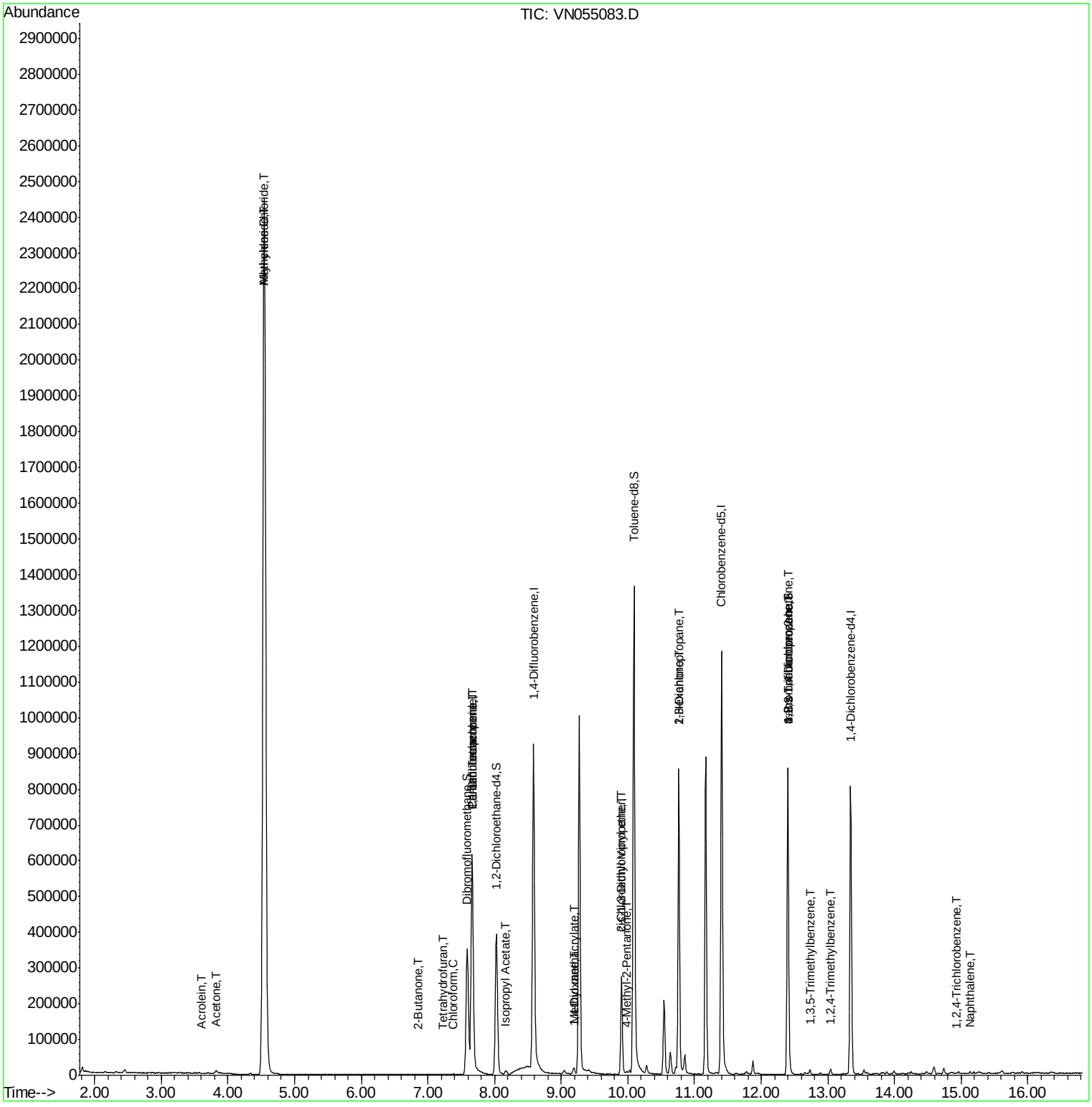
(#) = qualifier out of range (m) = manual integration (+) = signals summed

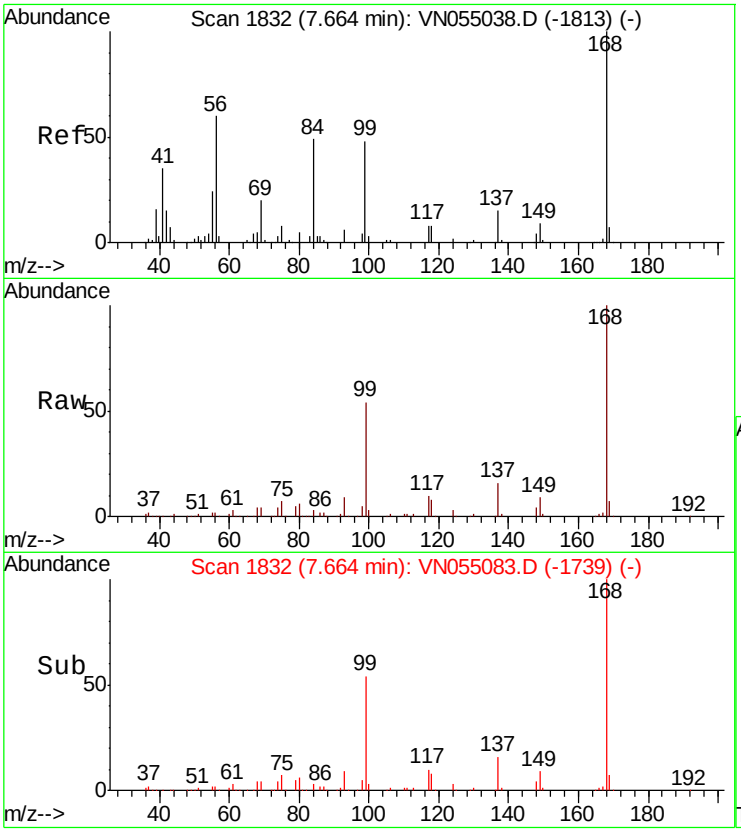
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041619\
Data File : VN055083.D
Acq On : 16 Apr 2019 17:19
Operator : JC/SP
Sample : K2203-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Quant Time: Apr 17 01:39:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration



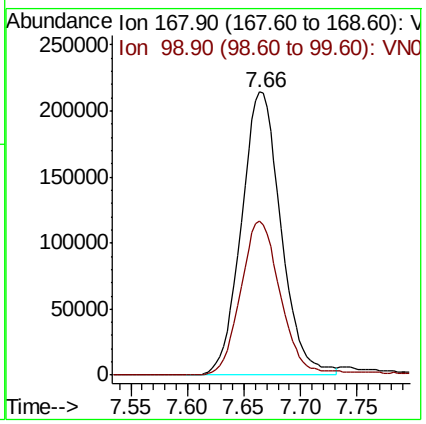


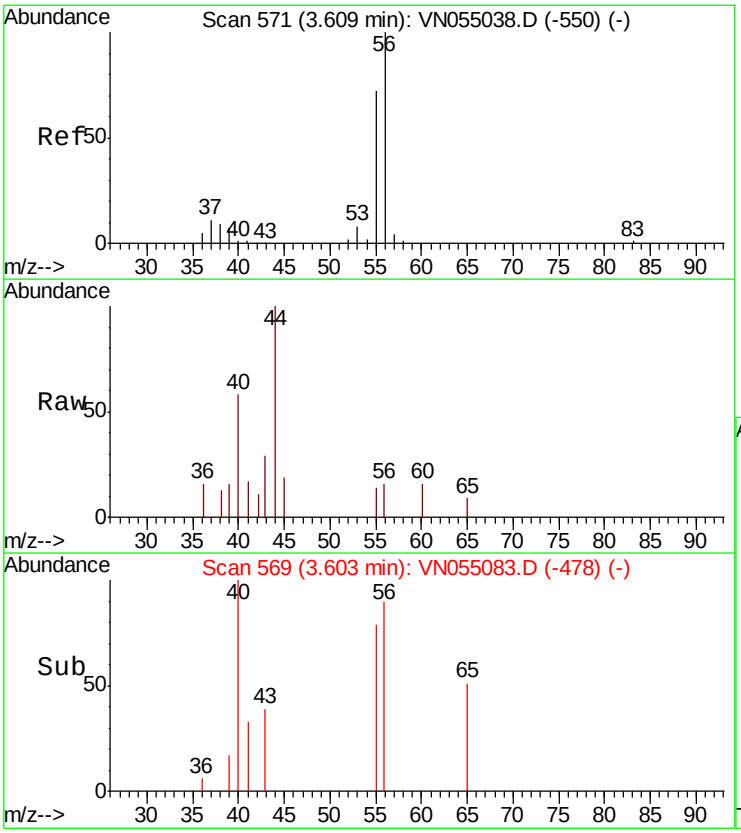
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:168 Resp: 522403

Ion	Ratio	Lower	Upper
168	100		
99	54.4	41.9	62.9

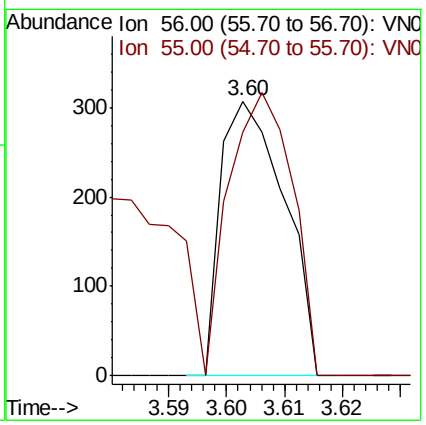


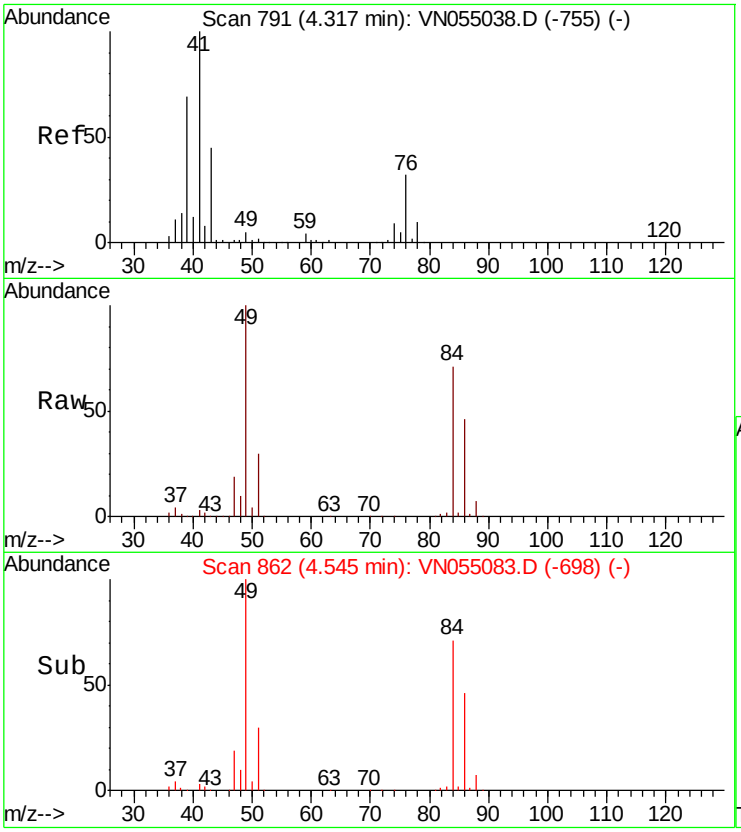


#13
Acrolein
Concen: 0.497 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 56 Resp: 234

Ion	Ratio	Lower	Upper
56	100		
55	102.6	59.5	89.3#



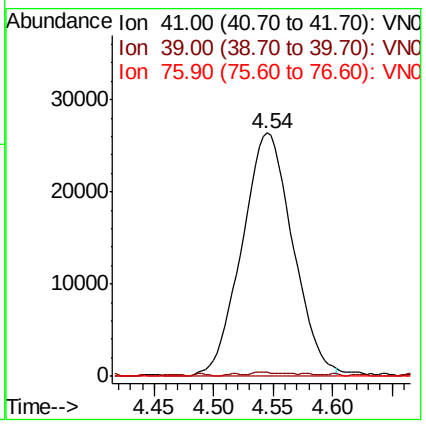


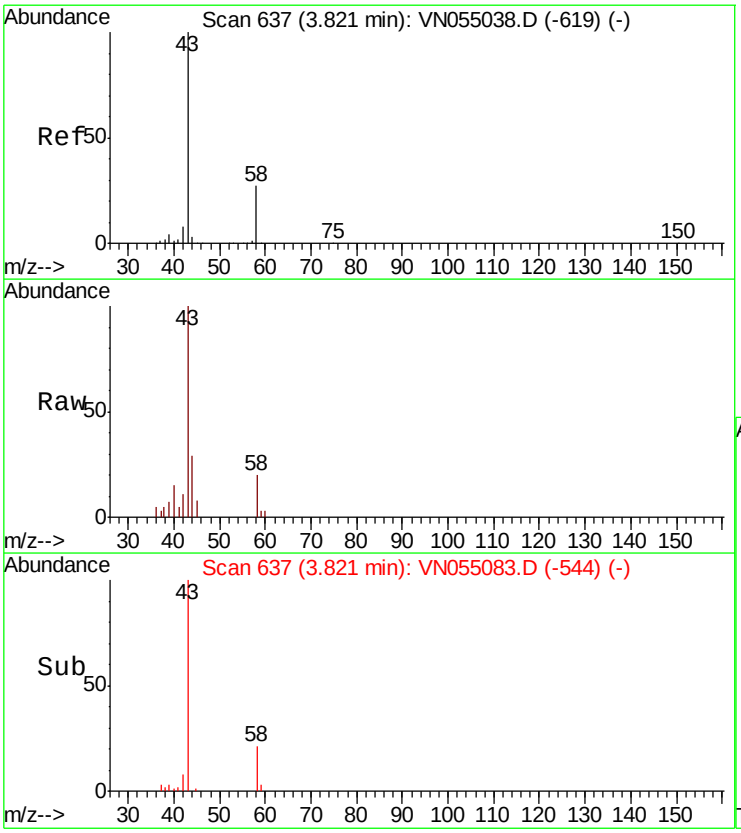
#14
Allyl chloride
Concen: 7.696 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Tgt Ion: 41 Resp: 78109

Ion	Ratio	Lower	Upper
41	100		
39	0.4	52.7	79.1#
76	0.0	23.2	34.8#

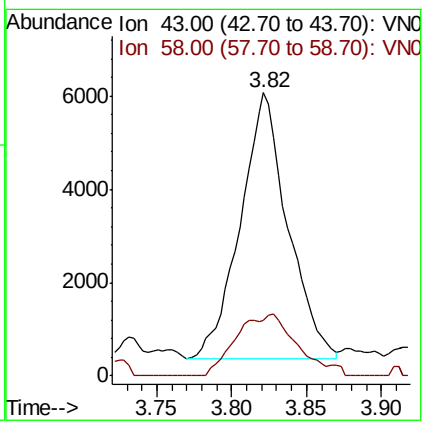


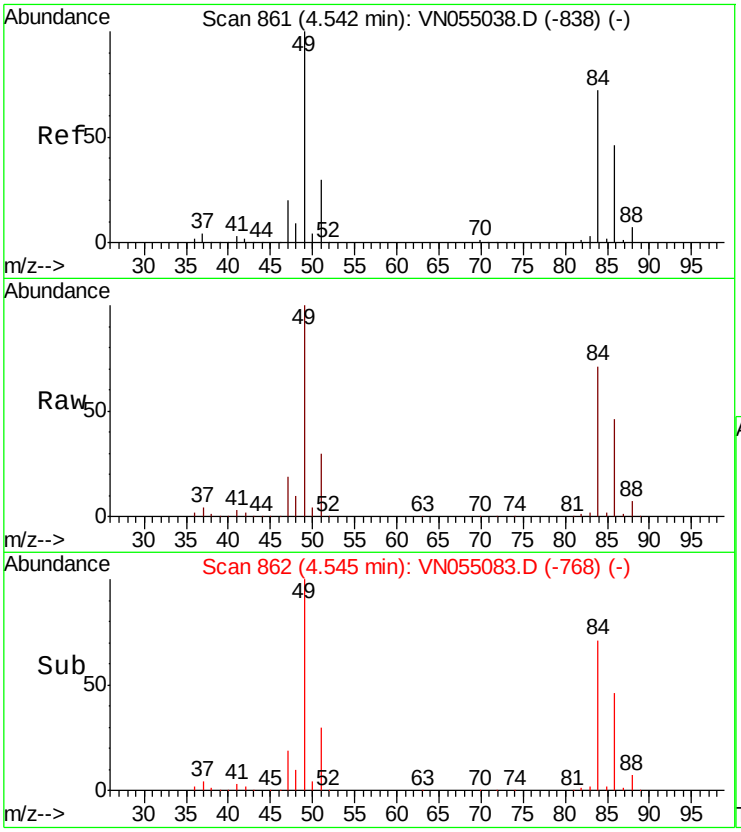


#16
Acetone
Concen: 6.672 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 12575

Ion	Ratio	Lower	Upper
43	100		
58	20.9	20.9	31.3#



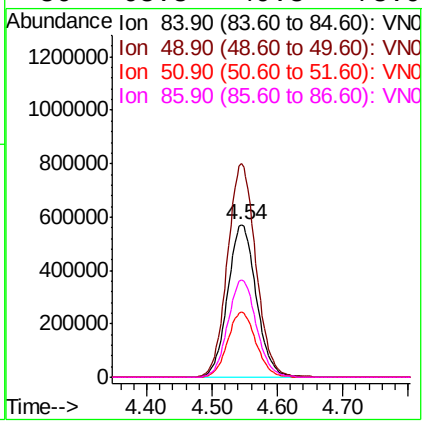


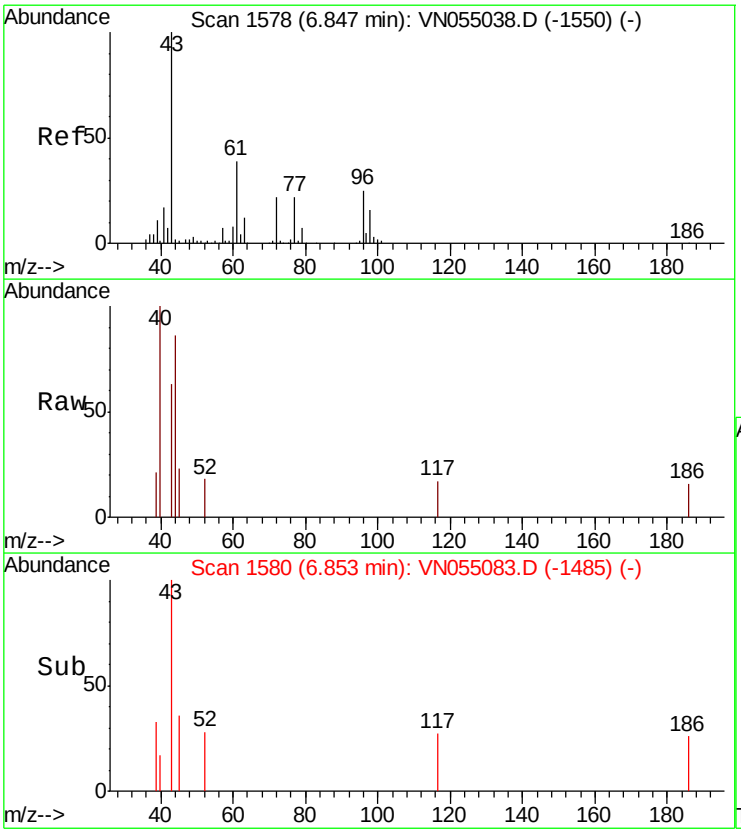
#20
Methylene Chloride
Concen: 260.804 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Tgt Ion: 84 Resp: 1727952

Ion	Ratio	Lower	Upper
84	100		
49	140.0	109.4	164.2
51	42.5	32.2	48.4
86	63.8	49.3	73.9

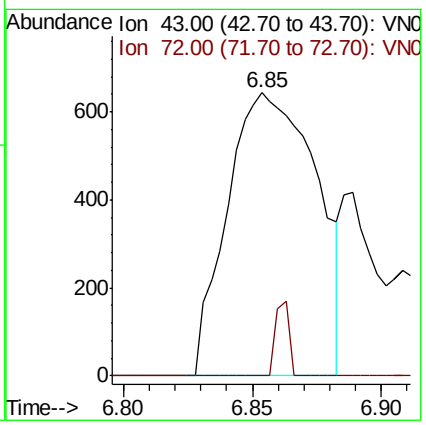


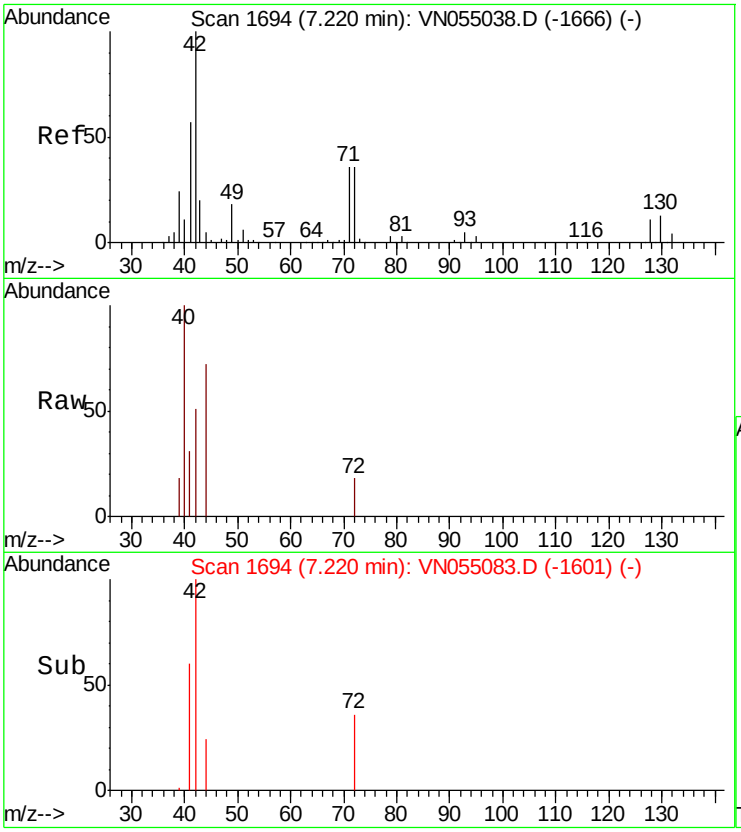


#25
2-Butanone
Concen: 0.550 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 1546

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.1	27.1#



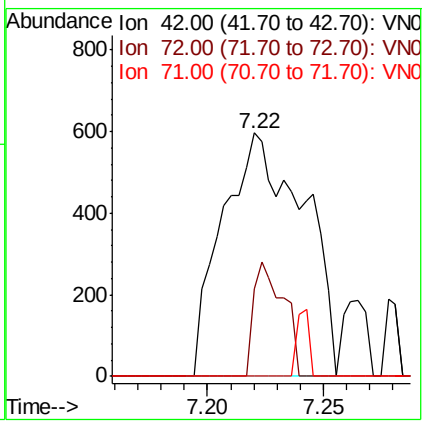


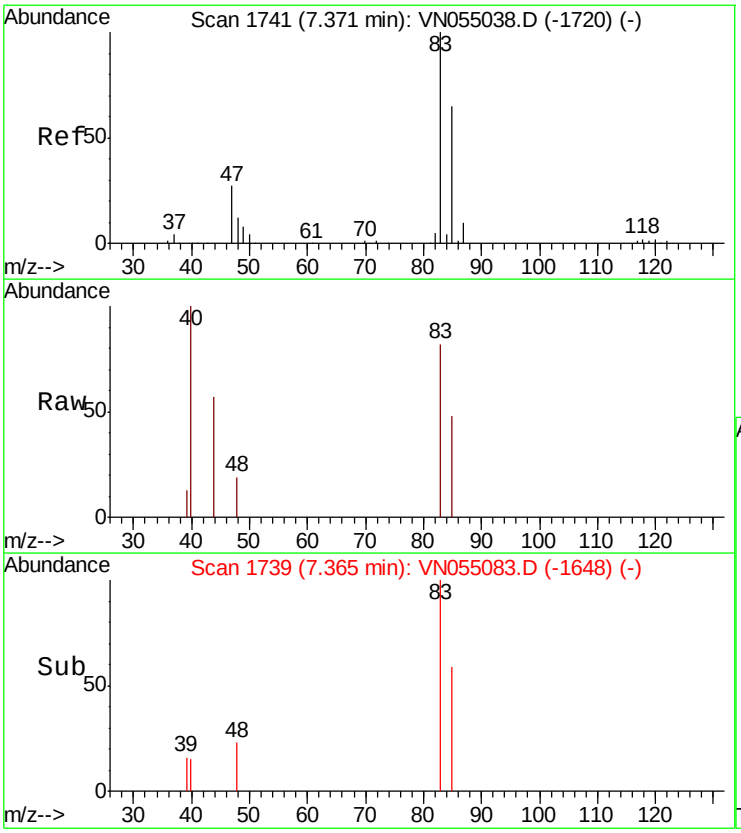
#29
Tetrahydrofuran
Concen: 0.787 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion: 42 Resp: 1452

Ion	Ratio	Lower	Upper
42	100		
72	17.3	29.4	44.0#
71	0.0	27.8	41.6#

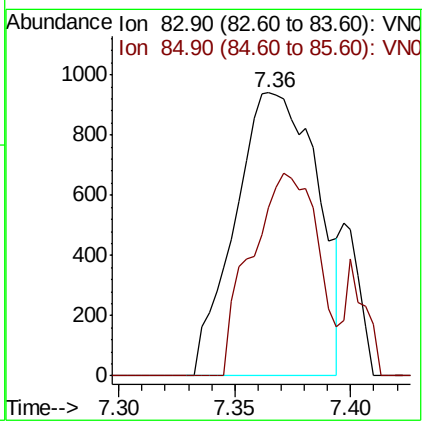


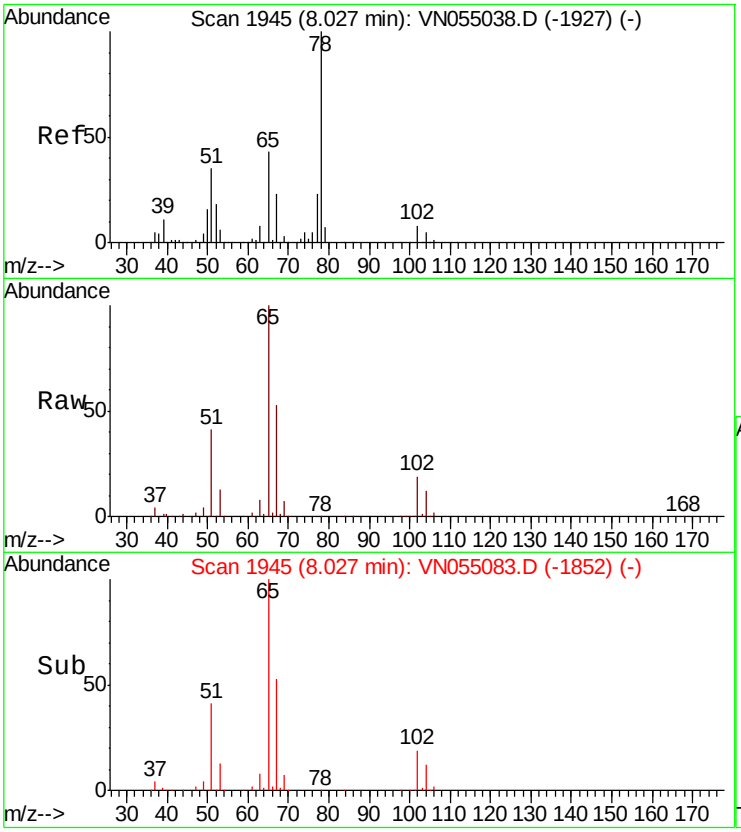


#30
Chloroform
Concen: 0.216 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 83 Resp: 2326

Ion	Ratio	Lower	Upper
83	100		
85	59.4	51.8	77.6



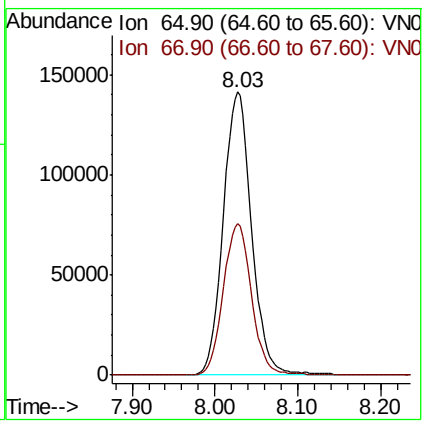


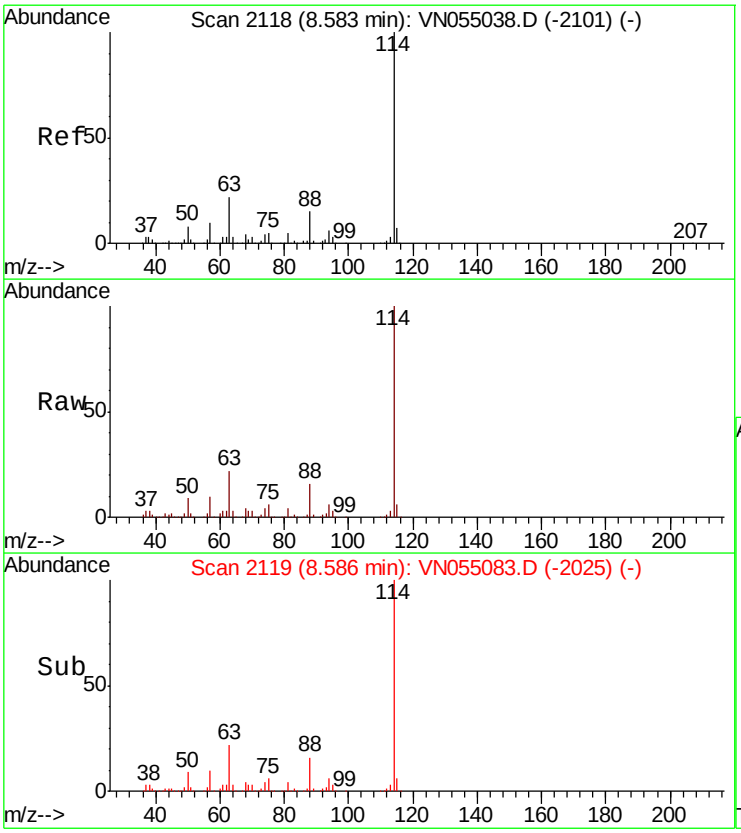
#33
1,2-Dichloroethane-d4
Concen: 48.266 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion: 65 Resp: 335161

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.4

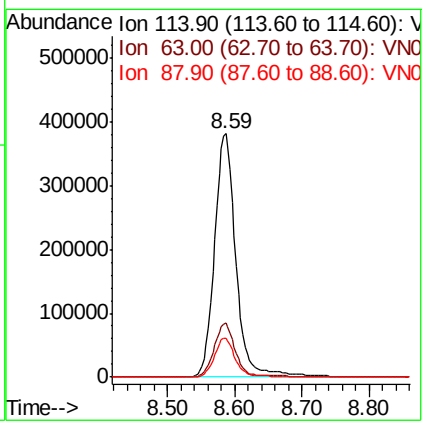


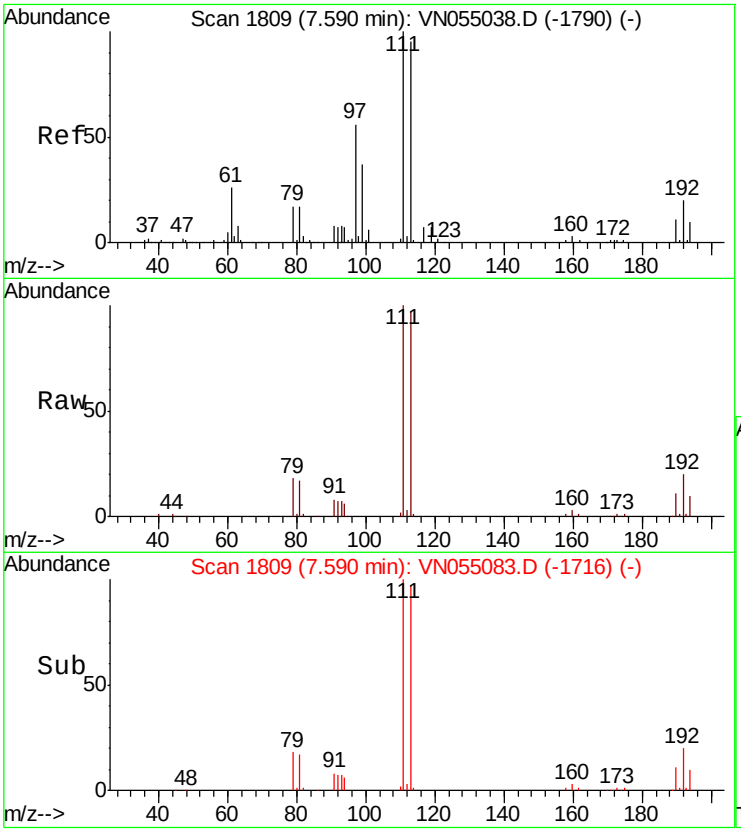


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion:114 Resp: 849676

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	15.7	0.0	31.8



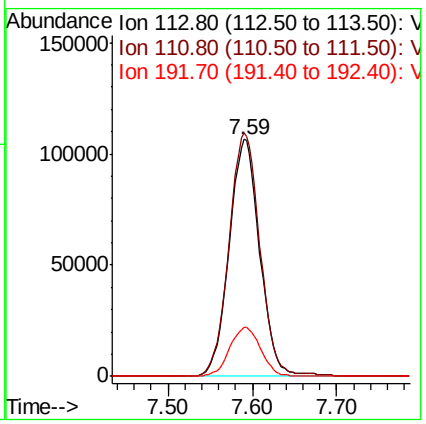


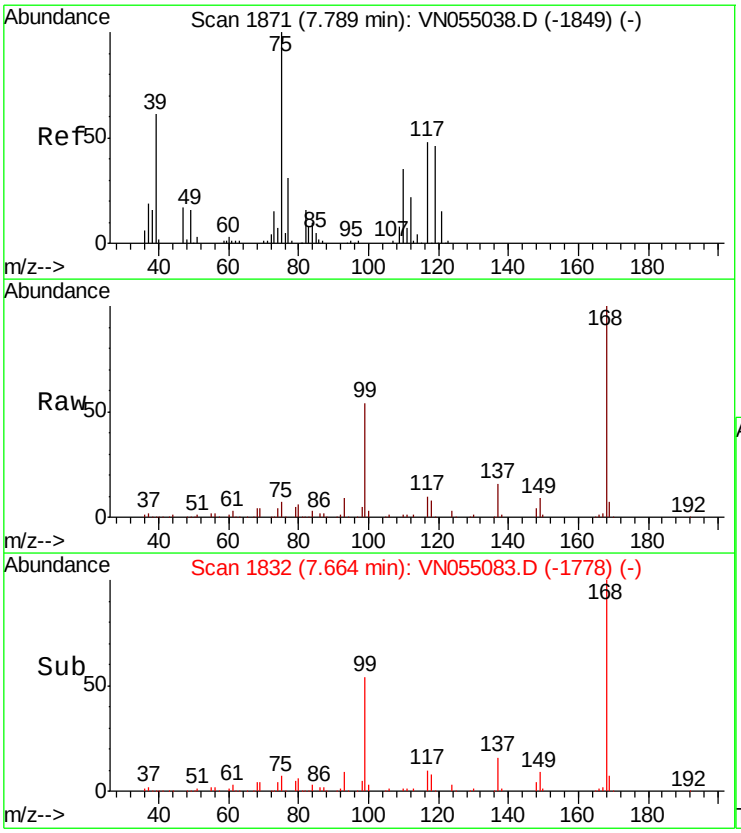
#35
Dibromofluoromethane
Concen: 47.403 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:113 Resp: 269178

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	21.1	16.5	24.7

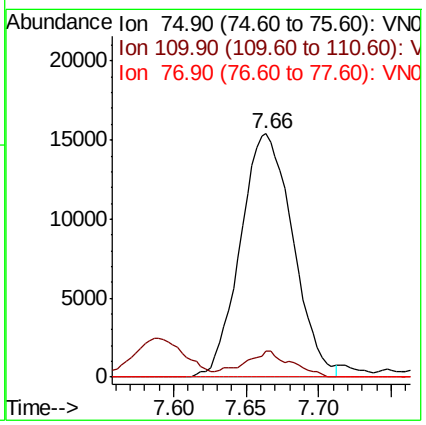


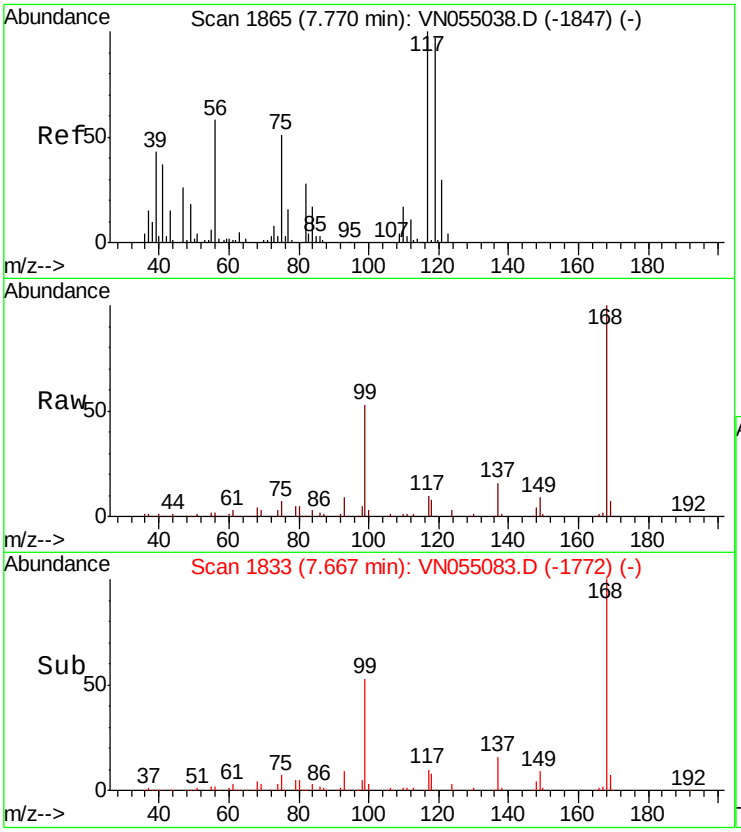


#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 75 Resp: 38869

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.5	52.5#
77	0.0	24.9	37.3#



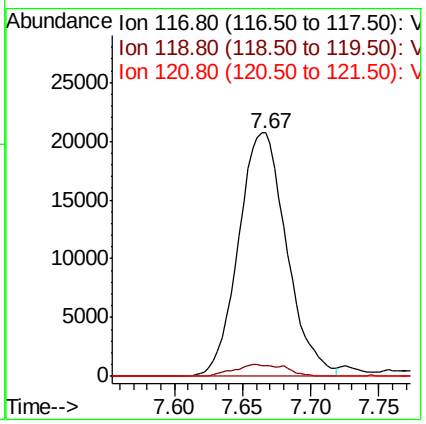


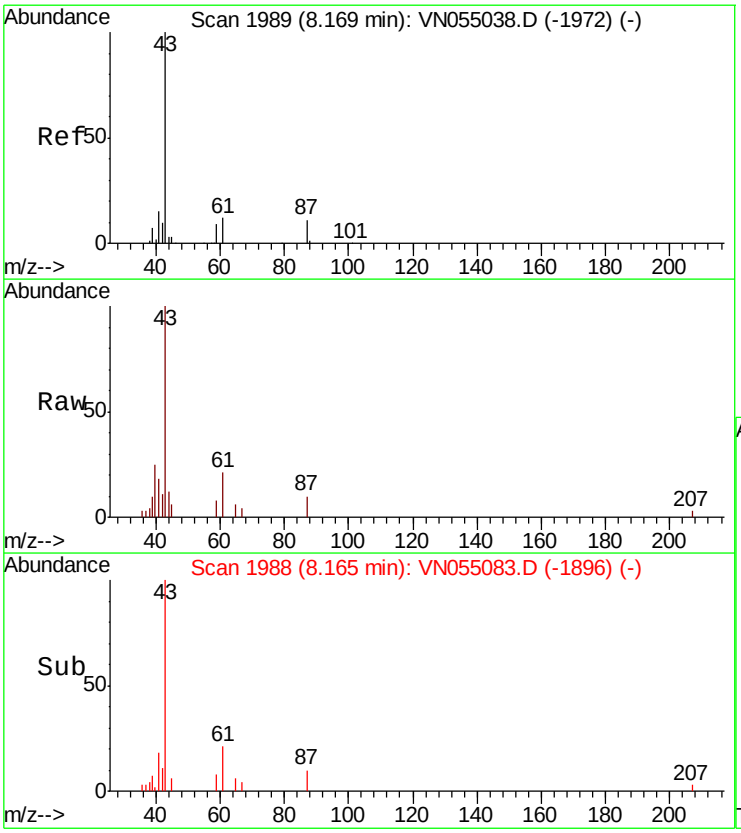
#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:117 Resp: 50759

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.3	114.5#
121	0.0	23.9	35.9#

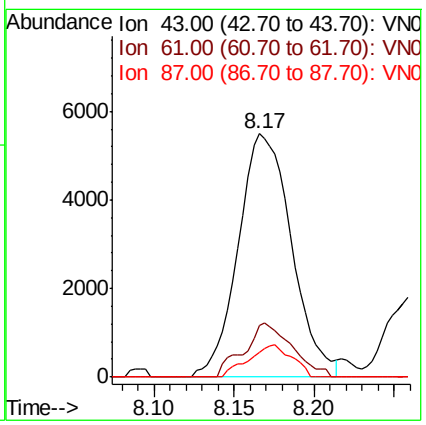


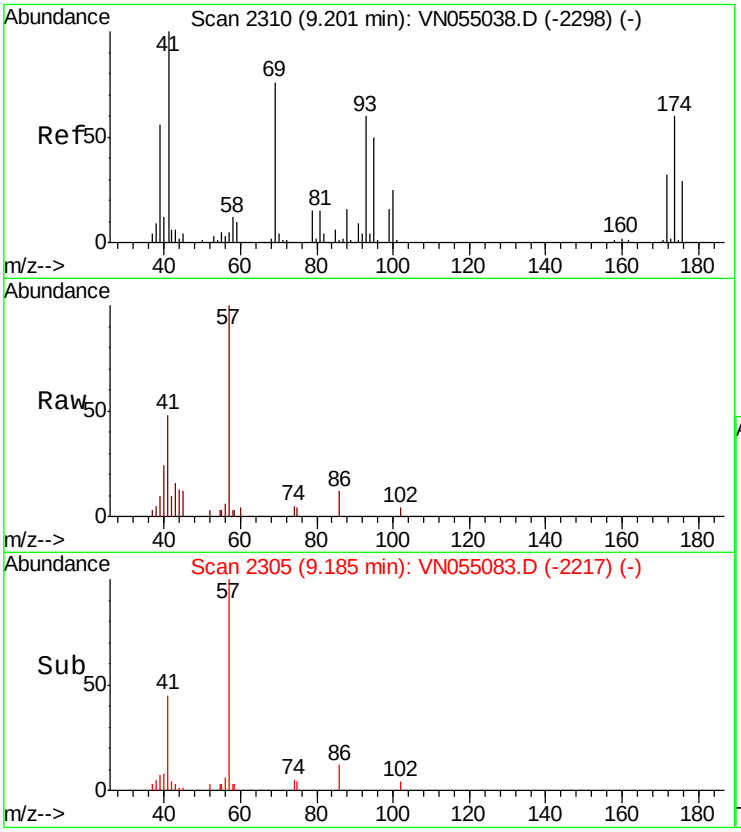


#43
Isopropyl Acetate
Concen: 1.250 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 12564

Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.3	21.5
87	10.7	8.6	13.0



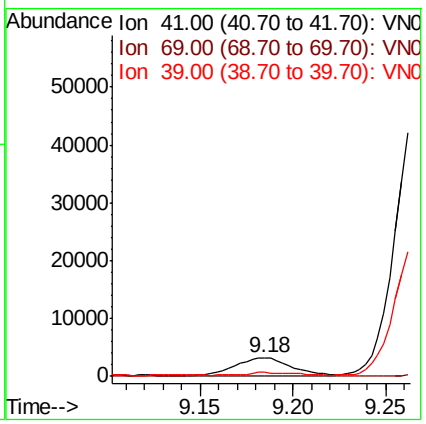


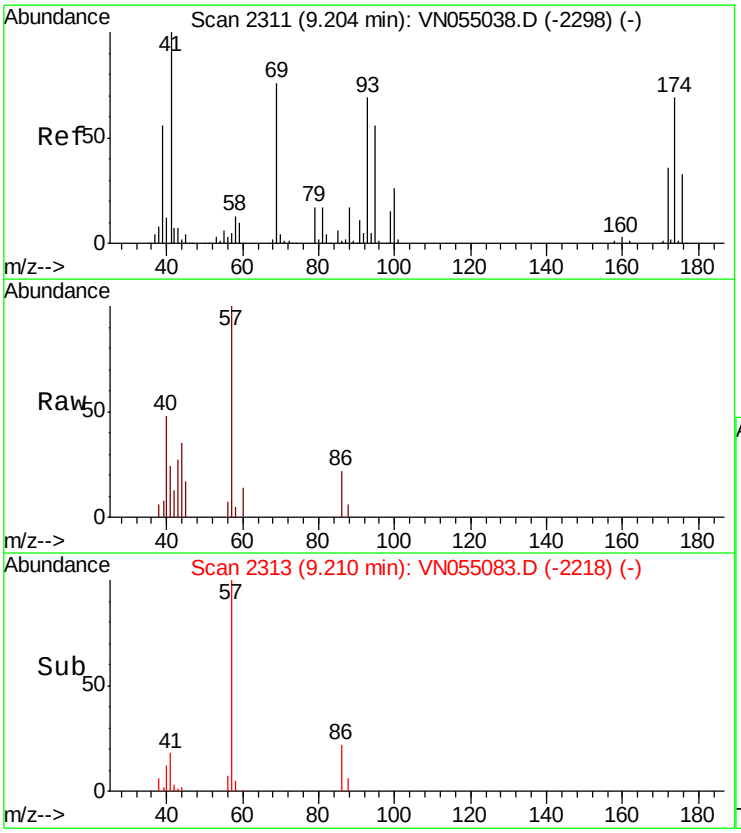
#48
Methyl methacrylate
Concen: 1.396 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Tgt Ion: 41 Resp: 6951

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.5	90.7#
39	0.0	43.9	65.9#

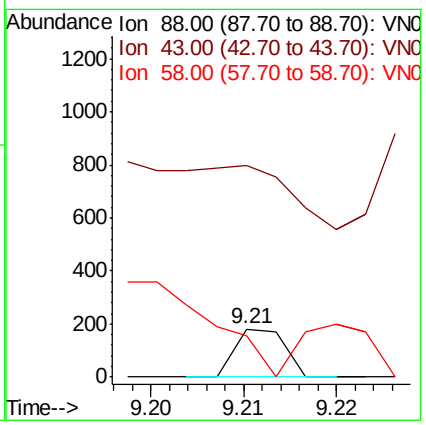


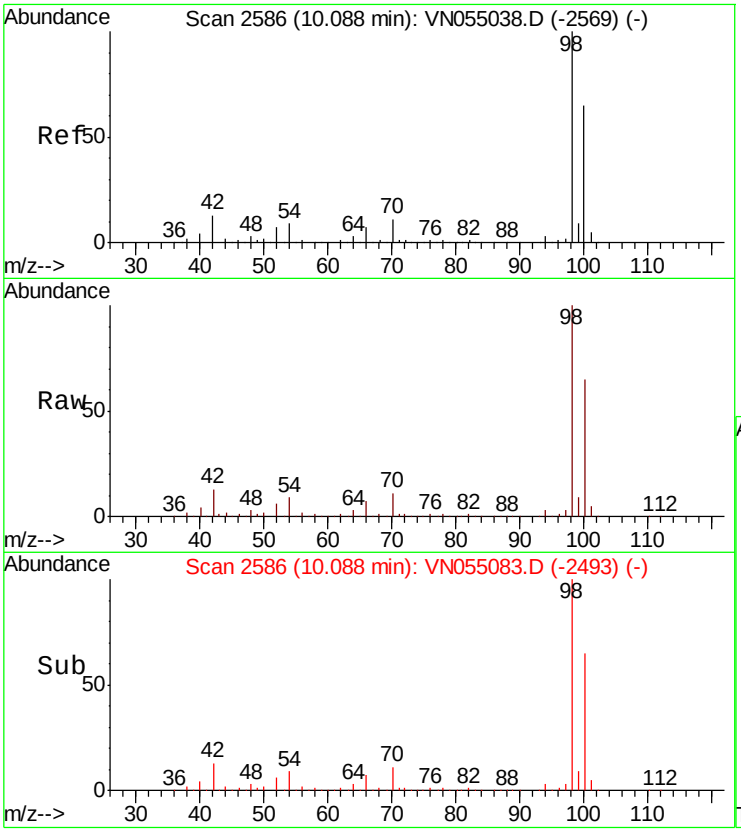


#49
1,4-Dioxane
Concen: 1.436 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.8	47.8#
58	0.0	61.6	92.4#



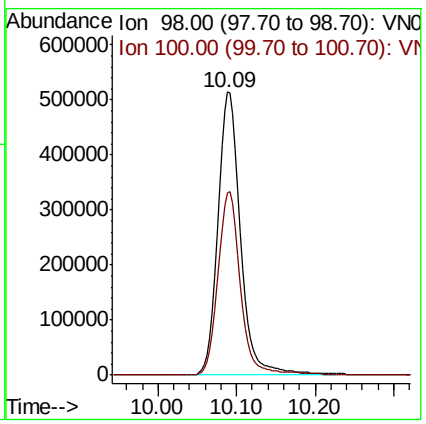


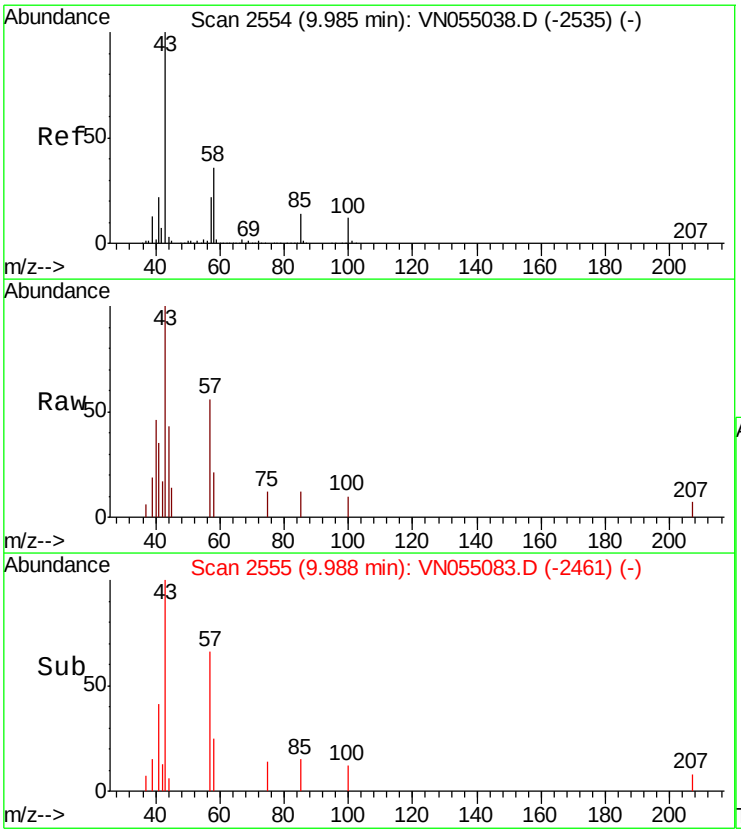
#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion: 98 Resp: 1017639

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.1	76.7

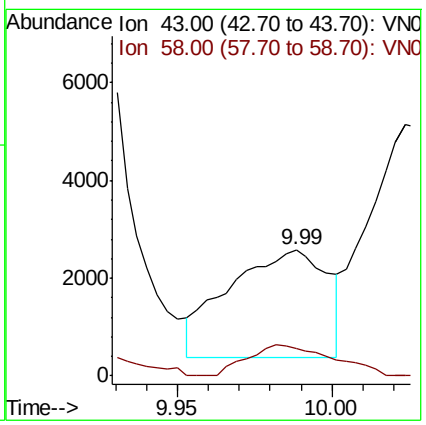


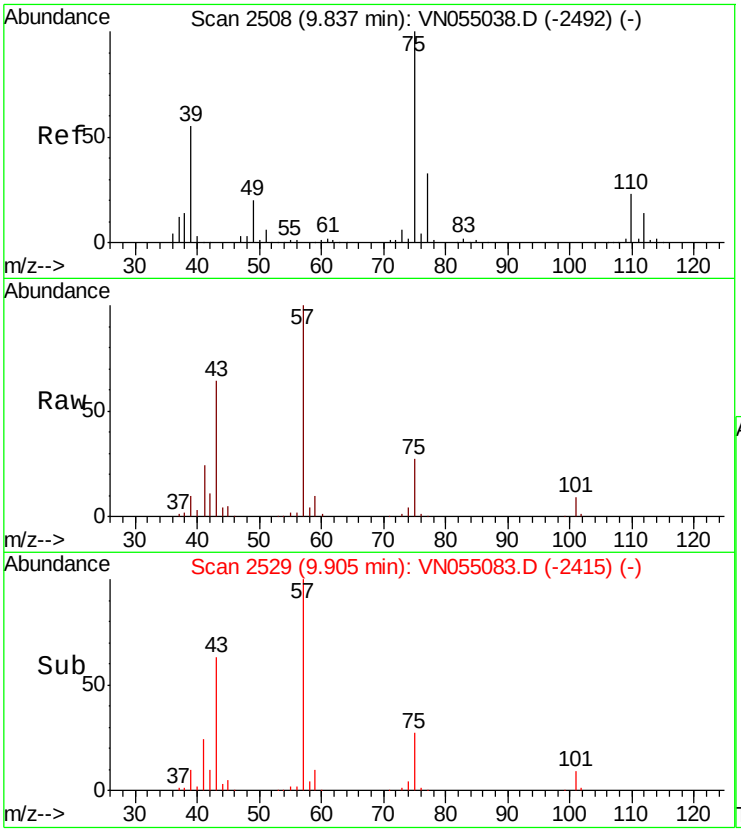


#51
4-Methyl-2-Pentanone
Concen: 0.845 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 4905

Ion	Ratio	Lower	Upper
43	100		
58	24.9	29.0	43.4#



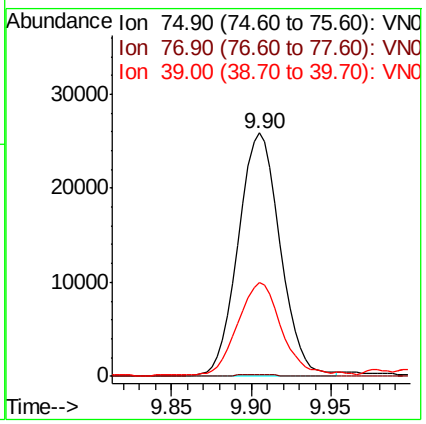


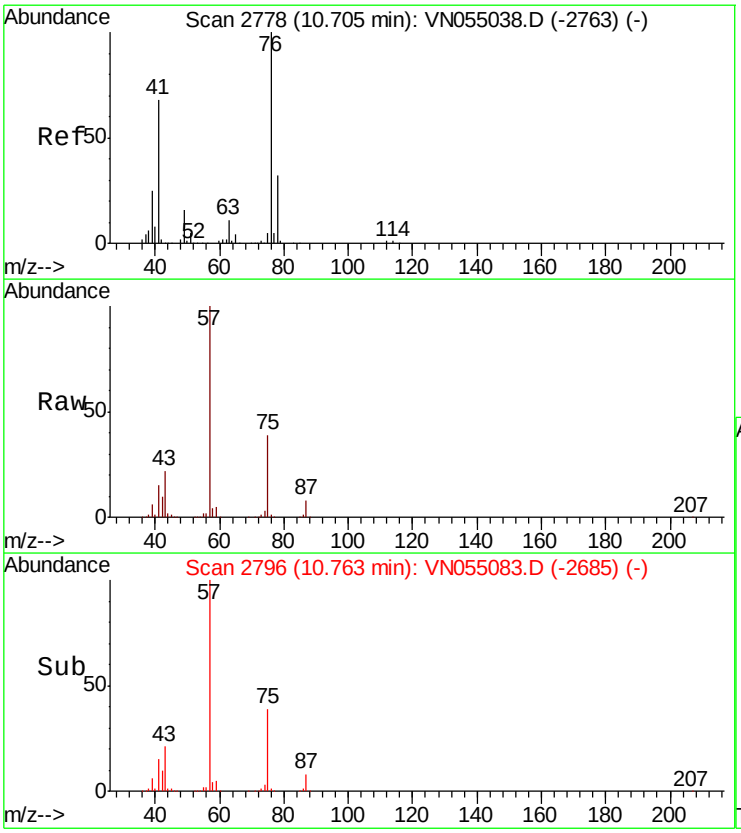
#54
cis-1,3-Dichloropropene
Concen: 5.407 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Tgt Ion: 75 Resp: 46331

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.8	38.6#
39	37.6	43.8	65.8#

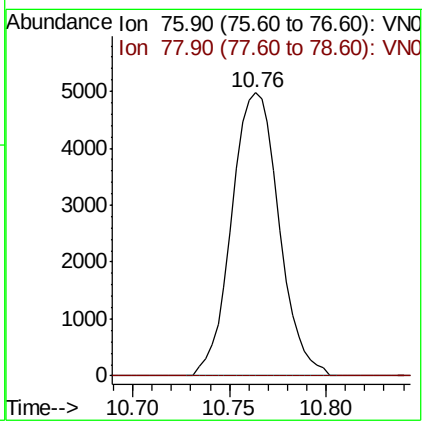


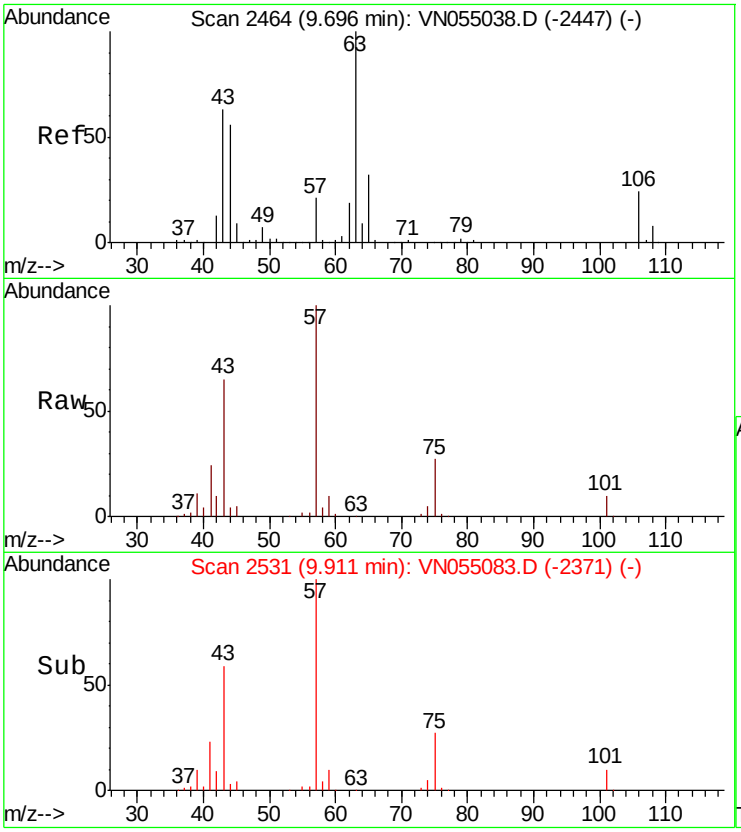


#57
1,3-Dichloropropane
Concen: 0.934 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 76 Resp: 8470

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



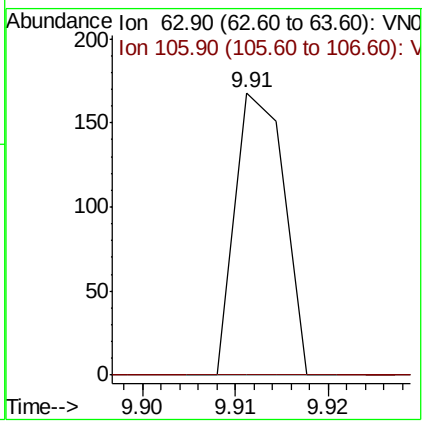


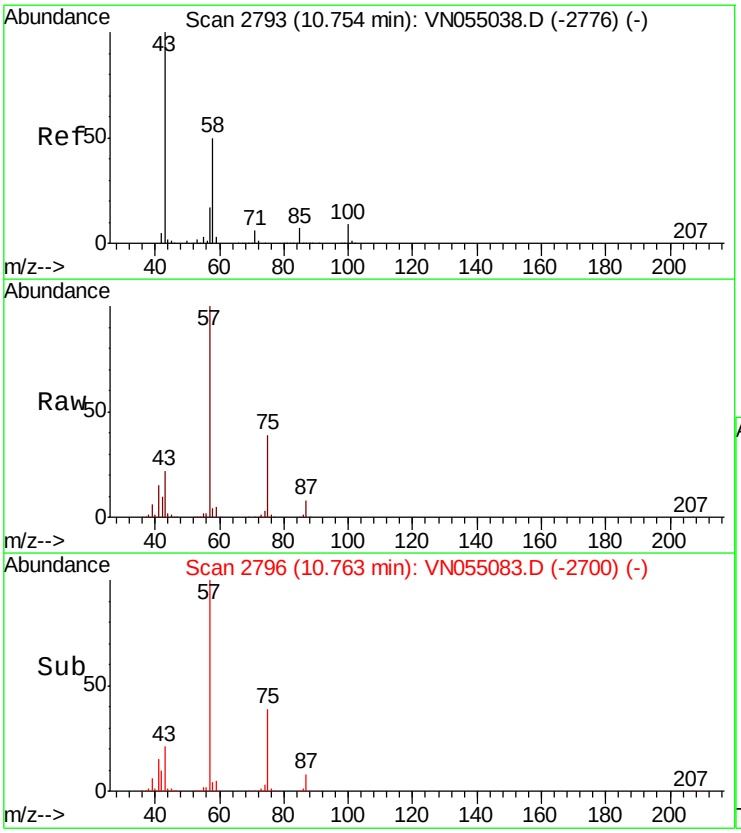
#58
2-Chloroethyl Vinyl ether
Concen: 10.758 ug/l
RT: 9.91 min Scan# 2531
Delta R.T. 0.22 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument : MSVOA_N
ClientSampleId : SU-01-041519-B

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.0	30.0#

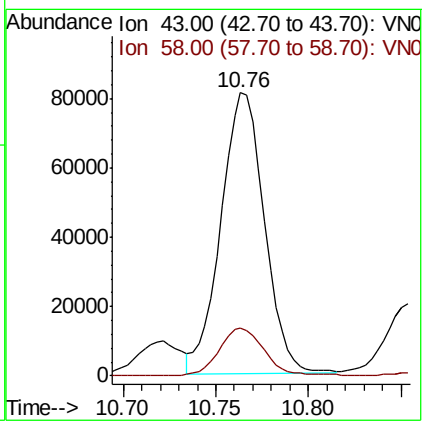


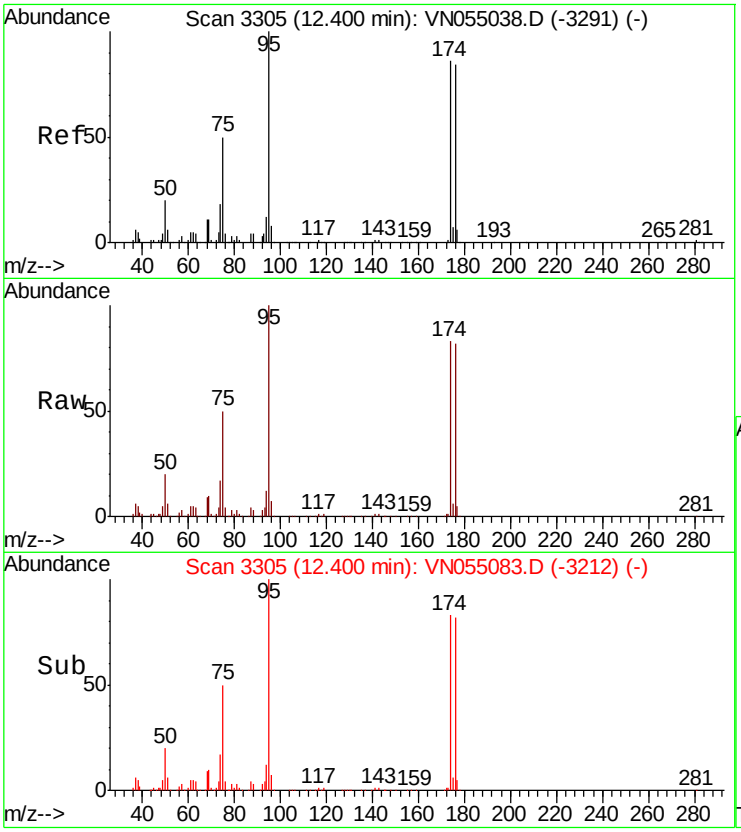


#59
2-Hexanone
Concen: 36.350 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 132534

Ion	Ratio	Lower	Upper
43	100		
58	17.9	25.1	75.2#



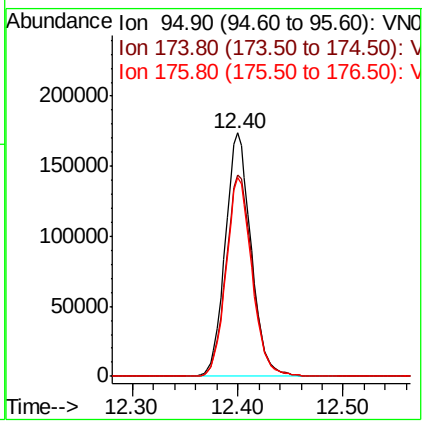


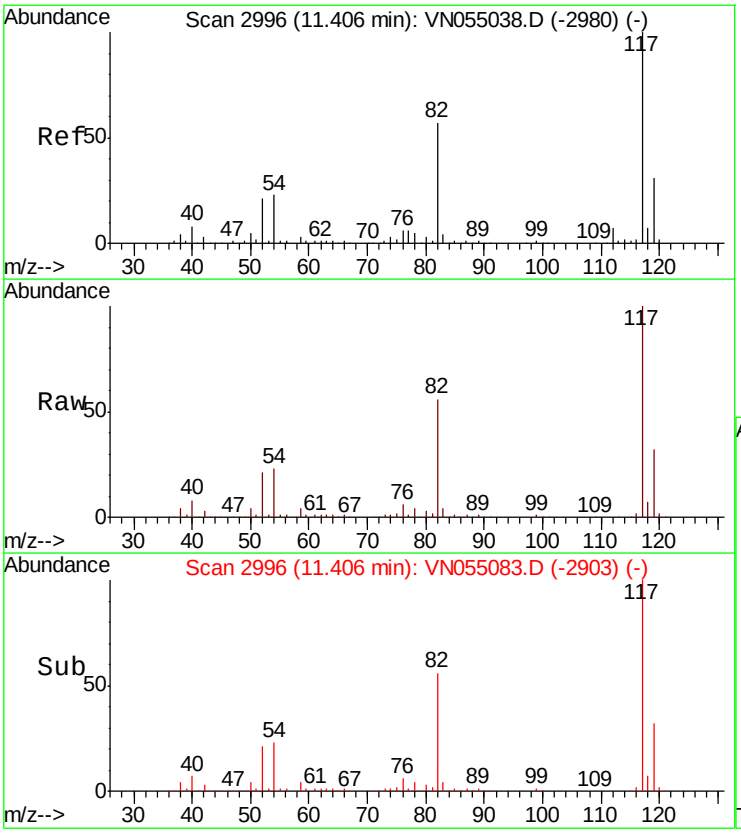
#62
4-Bromofluorobenzene
Concen: 44.374 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion: 95 Resp: 293187

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	174.4
176	81.6	0.0	166.8

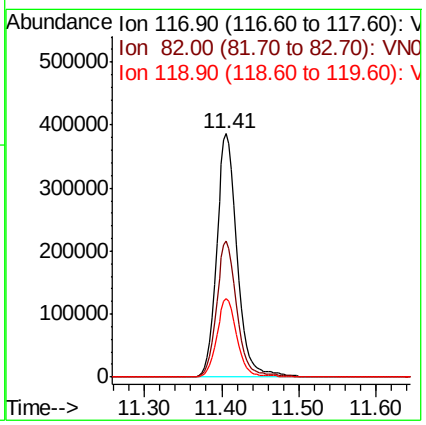


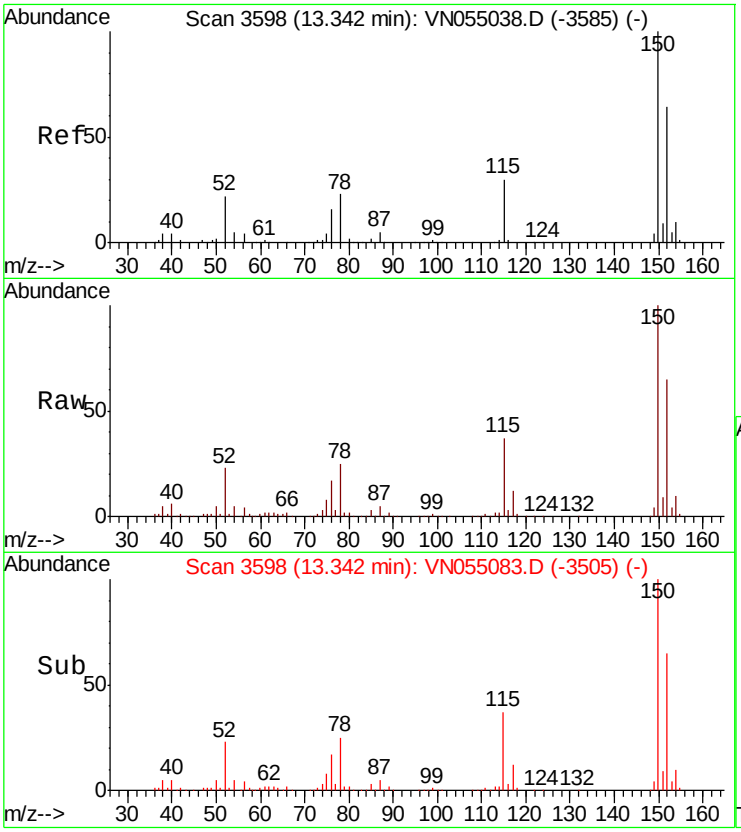


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion:117 Resp: 716595

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	66.8
119	32.3	25.5	38.3



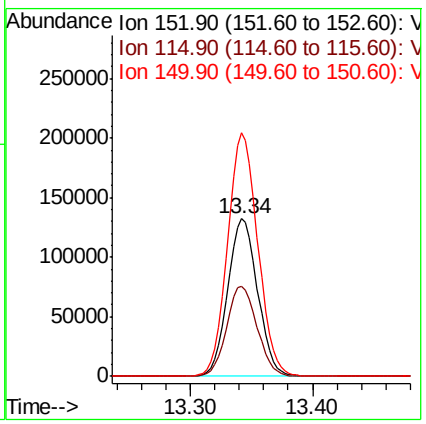


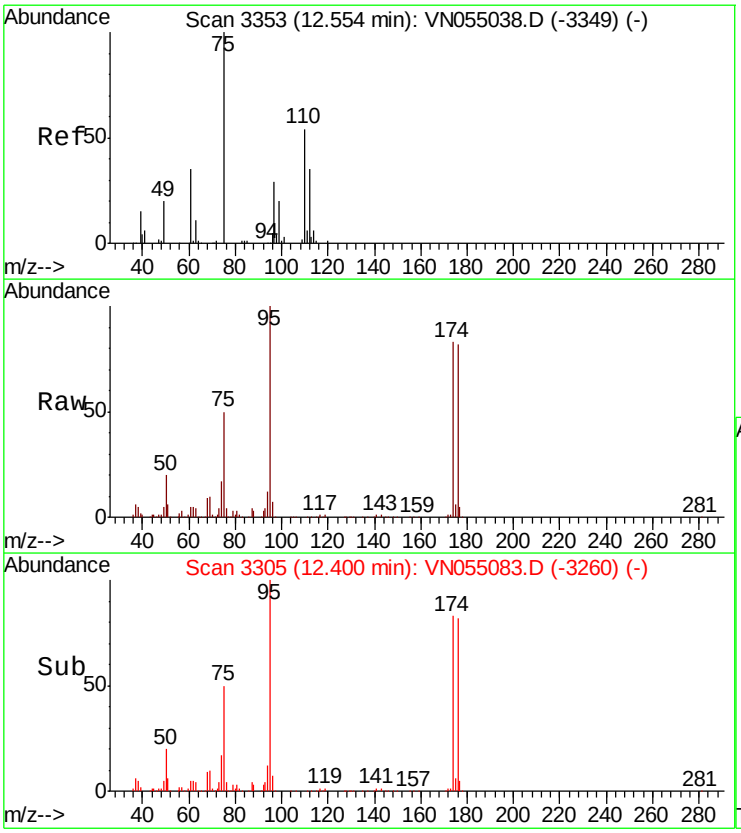
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:152 Resp: 226191

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.5	85.6
150	155.4	0.0	347.2

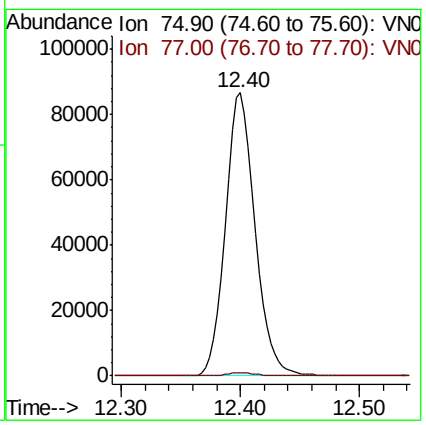


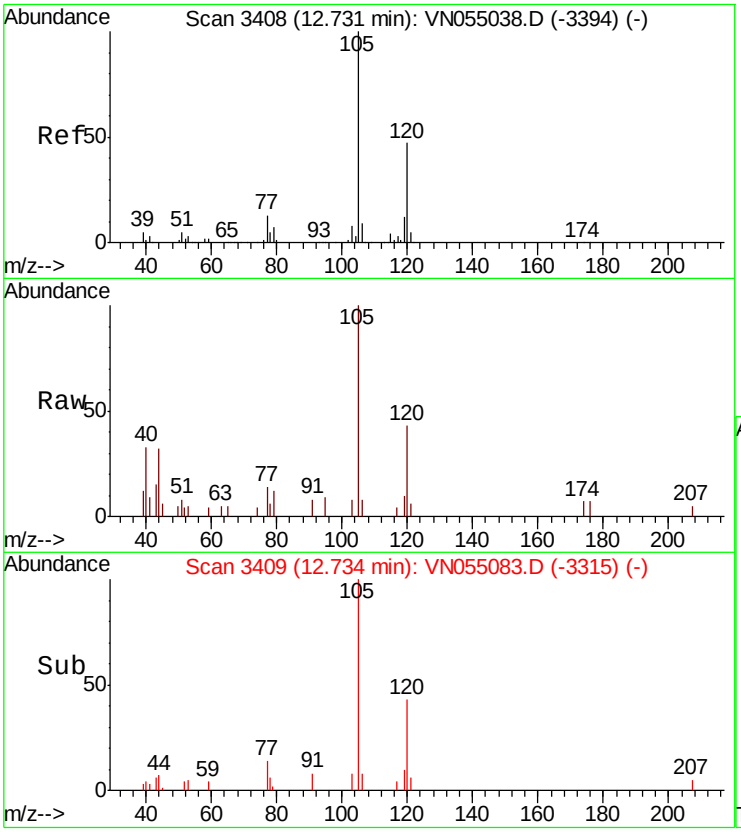


#76
1,2,3-Trichloropropane
Concen: 36.674 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 75 Resp: 149171

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



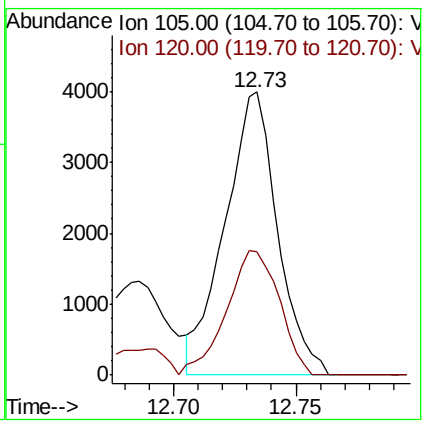


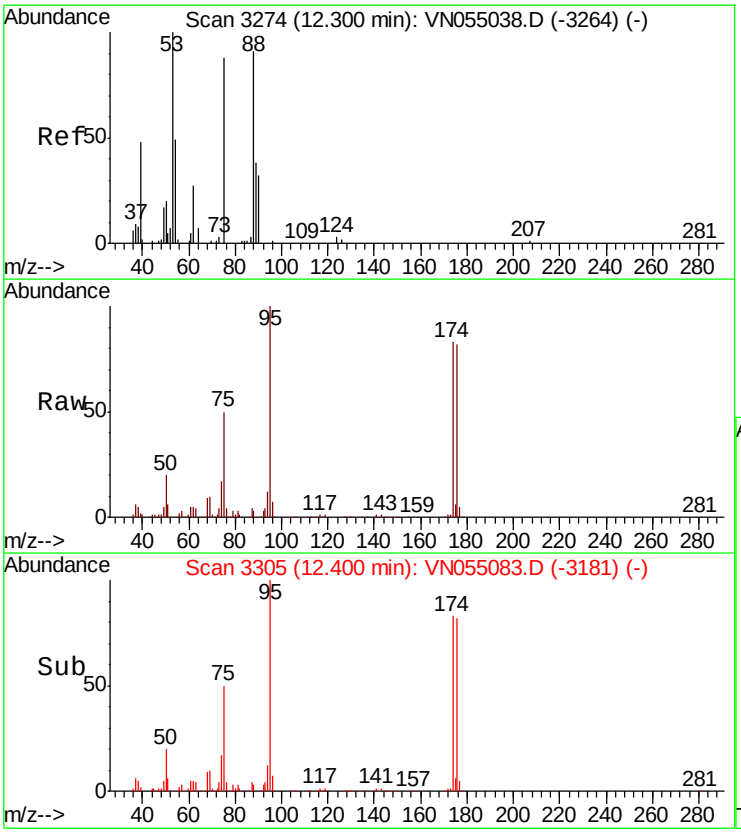
#80
1,3,5-Trimethylbenzene
Concen: 0.368 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:105 Resp: 5966

Ion	Ratio	Lower	Upper
105	100		
120	44.1	24.3	72.8

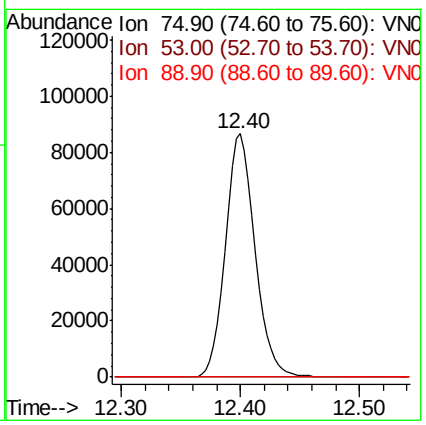


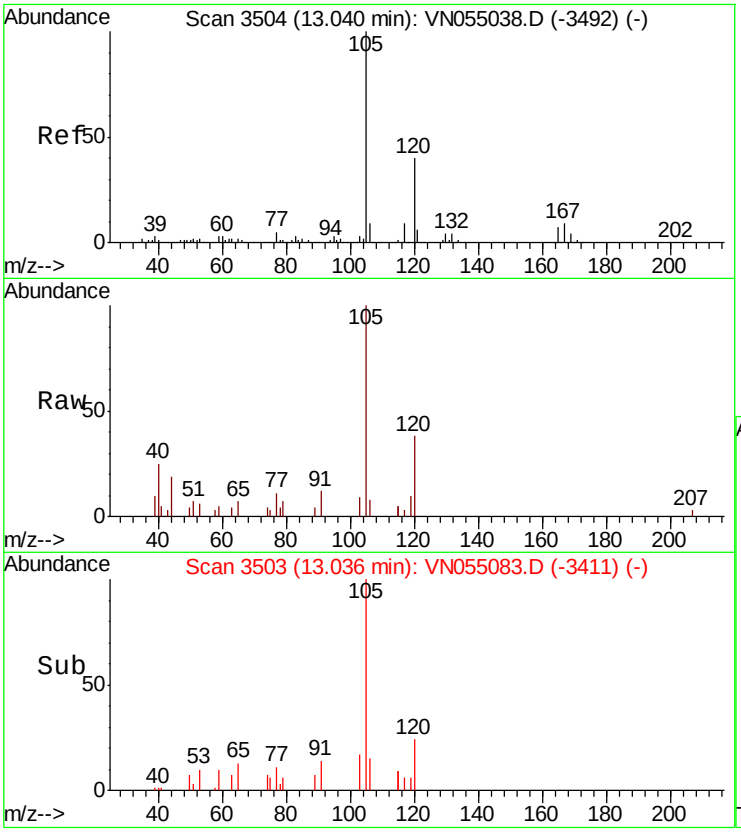


#81
trans-1,4-Dichloro-2-butene
Concen: 146.655 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion: 75 Resp: 149171

Ion	Ratio	Lower	Upper
75	100		
53	0.1	96.3	144.5#
89	0.0	38.6	57.8#



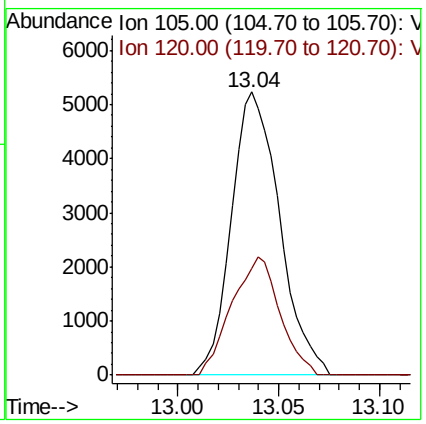


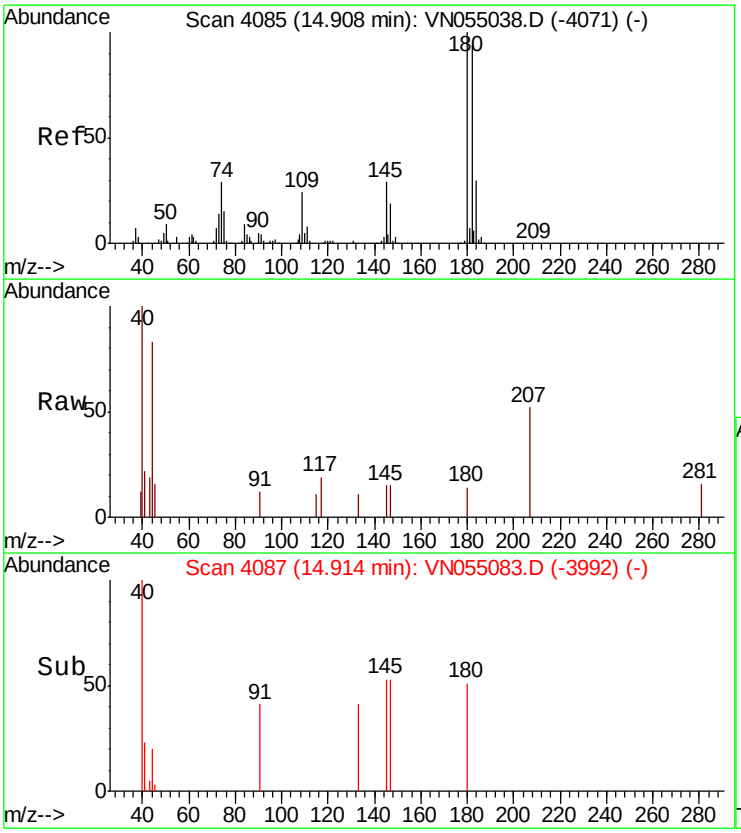
#84
1,2,4-Trimethylbenzene
Concen: 0.571 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:105 Resp: 8763

Ion	Ratio	Lower	Upper
105	100		
120	41.6	22.4	67.3

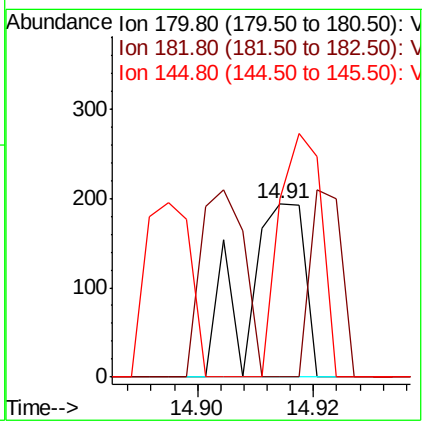


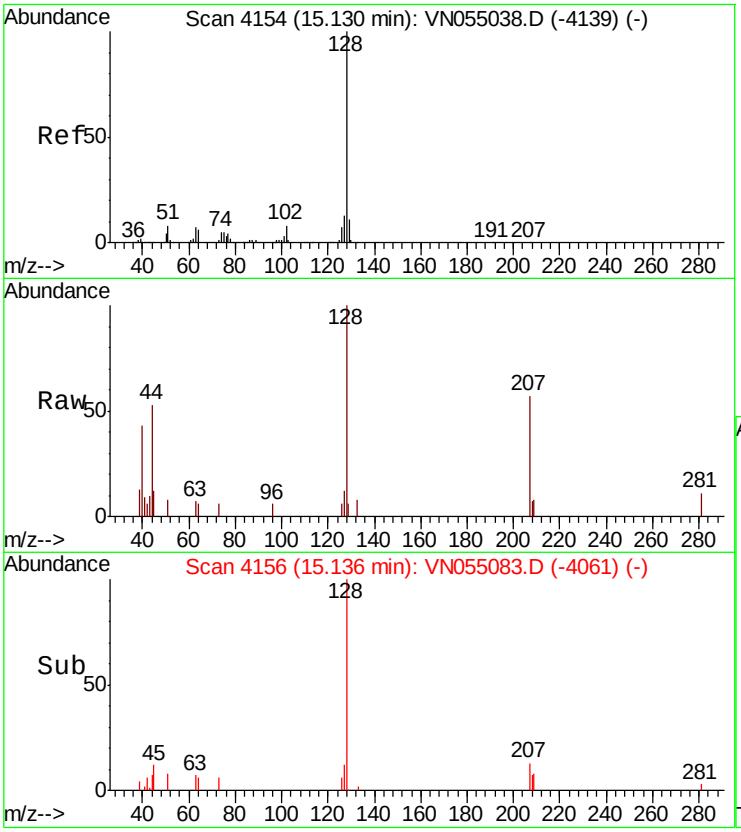


#93
1,2,4-Trichlorobenzene
Concen: 2.714 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Tgt Ion:180 Resp: 136

Ion	Ratio	Lower	Upper
180	100		
182	58.1	47.5	142.6
145	101.5	14.2	42.8#





#95
Naphthalene
Concen: 3.563 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055083.D
Acq: 16 Apr 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
SU-01-041519-B

Tgt Ion:128 Resp: 4178

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.1	15.1
129	4.0	8.8	13.2#