Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053346.D
Acq On : 10 Jan 2019 17:15
Operator : MD\SY
Sample : K1005-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Quant Time: Jan 11 05:47:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1087175	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1698322	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1593514	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	666517	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	552361	48.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.68%				
35) Dibromofluoromethane	7.59	113	490665	50.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.50%				
50) Toluene-d8	10.09	98	2099152	50.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.66%				
62) 4-Bromofluorobenzene	12.40	95	729038	49.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.86%				
Target Compounds							Qvalue
16) Acetone	3.82	43	22306	6.013	ug/l		100
18) Methyl Acetate	4.33	43	5214	0.509	ug/l	#	80
20) Methylene Chloride	4.55	84	29326	2.414	ug/l		96
25) 2-Butanone	6.83	43	1371	0.295	ug/l		93
29) Tetrahydrofuran	7.21	42	1589	0.519	ug/l	#	74
30) Chloroform	7.37	83	4455	0.223	ug/l		97
31) Cyclohexane	7.66	56	17862	0.734	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	71747	4.525	ug/l	#	48
38) Carbon Tetrachloride	7.66	117	92320	6.309	ug/l	#	16
41) Methacrylonitrile	7.22	41	1330	0.207	ug/l	#	100
43) Isopropyl Acetate	8.17	43	49712	2.447	ug/l	#	82
45) 1,2-Dichloropropane	9.27	63	3060	0.241	ug/l	#	43
48) Methyl methacrylate	9.18	41	14604	1.582	ug/l	#	12
49) 1,4-Dioxane	9.27	88	354	3.600	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	16509	1.616	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	110828	6.074	ug/l	#	62
57) 1,3-Dichloropropane	10.76	76	23087	1.264	ug/l	#	43
59) 2-Hexanone	10.76	43	313951	44.850	ug/l	#	50
69) o-Xylene	11.95	106	4590	0.212	ug/l		95
71) Bromoform	12.40	173	5026	0.587	ug/l	#	1
74) N-amyl acetate	11.88	43	36746	2.480	ug/l	#	52
76) 1,2,3-Trichloropropane	12.40	75	336690	34.634	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	35989	0.900	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	336690	101.898	ug/l	#	14
84) 1,2,4-Trimethylbenzene	13.04	105	10963	0.269	ug/l		97
90) Hexachloroethane	13.89	117	2605	0.406	ug/l	#	3
95) Naphthalene	15.13	128	25423	2.169	ug/l	#	96

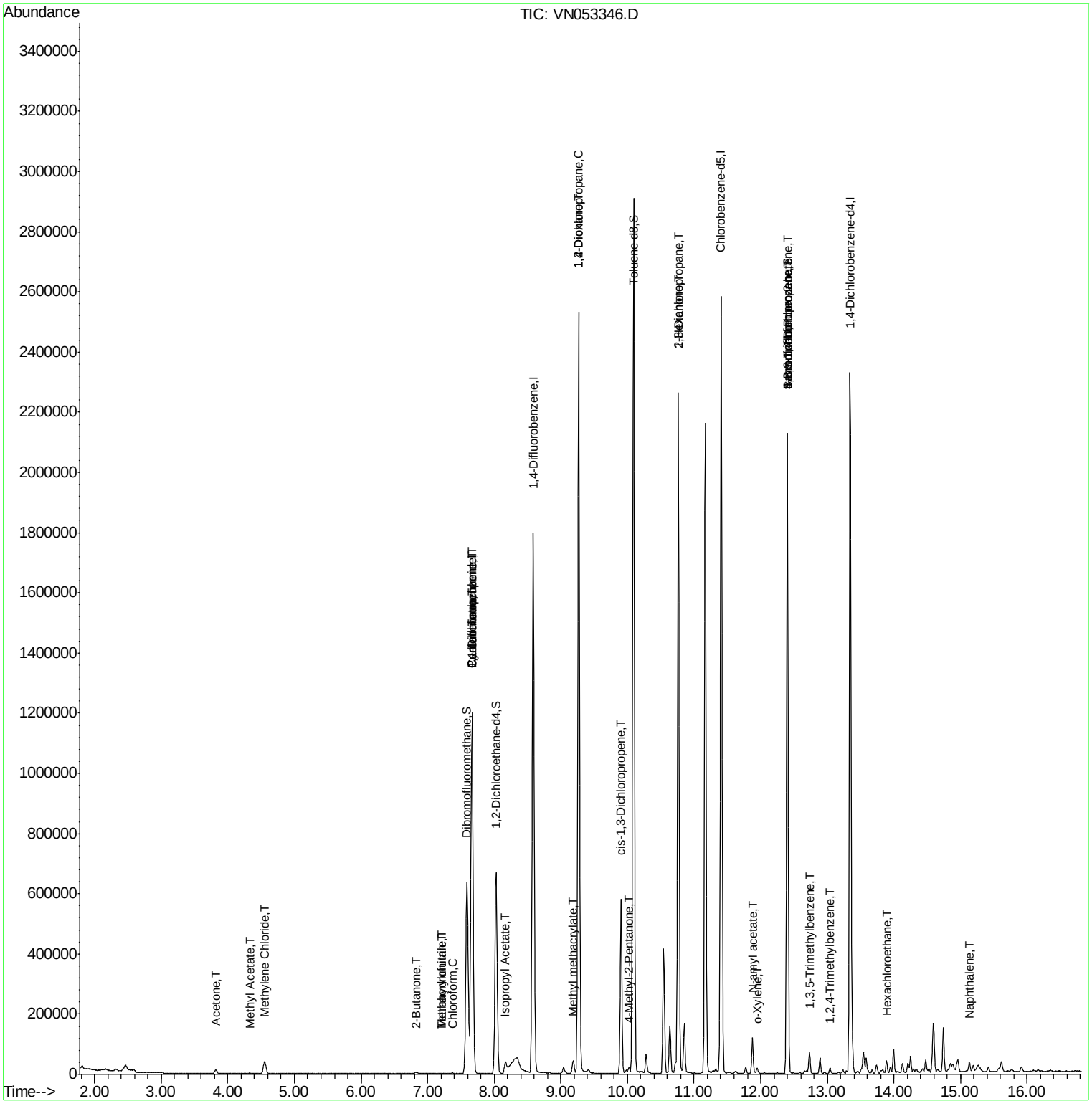
(#) = qualifier out of range (m) = manual integration (+) = signals summed

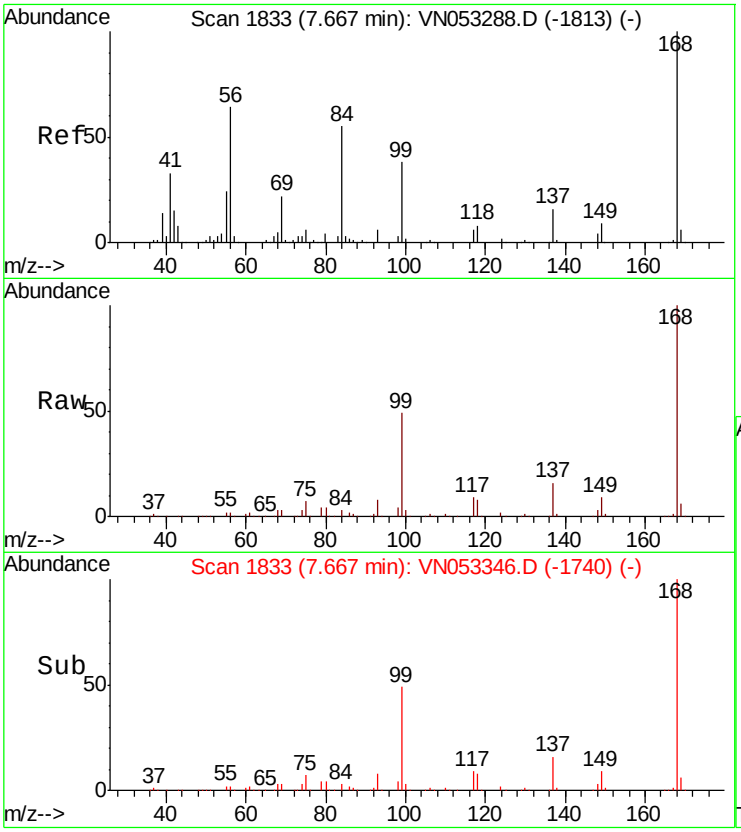
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053346.D
Acq On : 10 Jan 2019 17:15
Operator : MD\SY
Sample : K1005-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Quant Time: Jan 11 05:47:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration



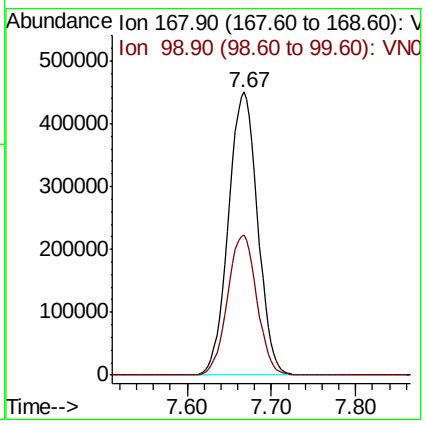


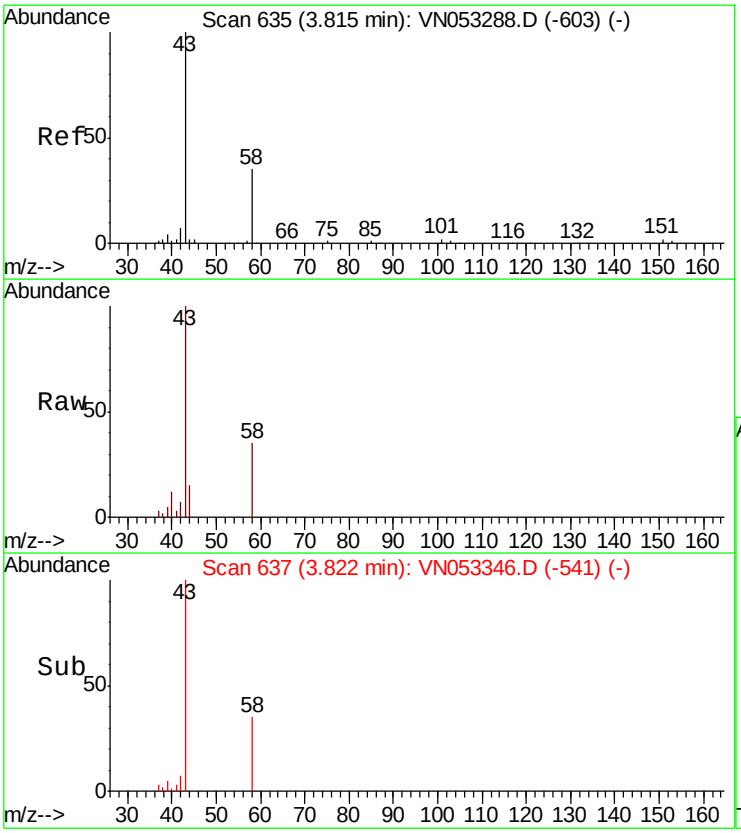
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:168 Resp: 1087175

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.1	58.7

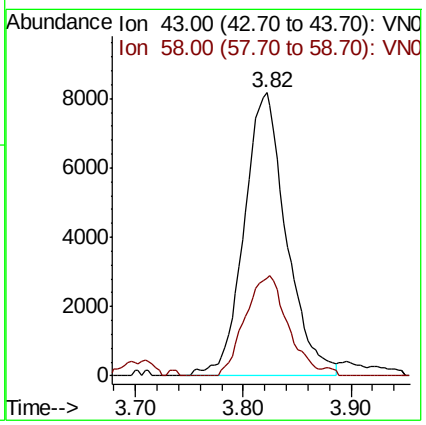


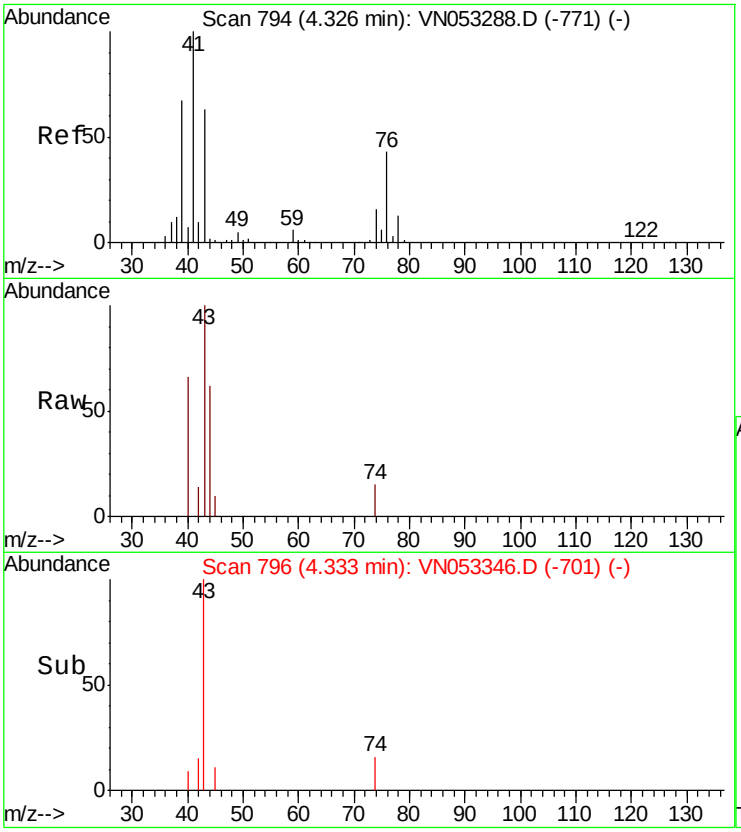


#16
Acetone
Concen: 6.013 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 43 Resp: 22306

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.6



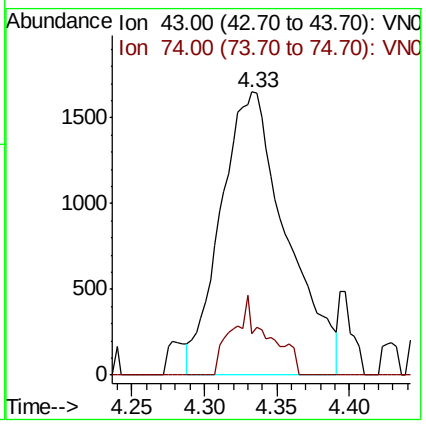


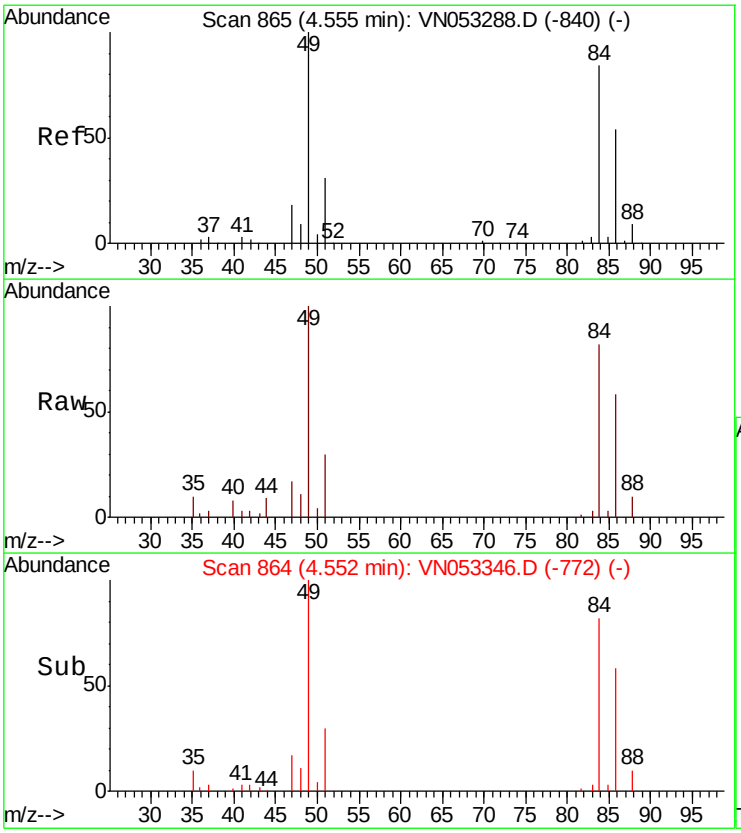
#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion: 43 Resp: 5214

Ion	Ratio	Lower	Upper
43	100		
74	14.9	19.8	29.8#

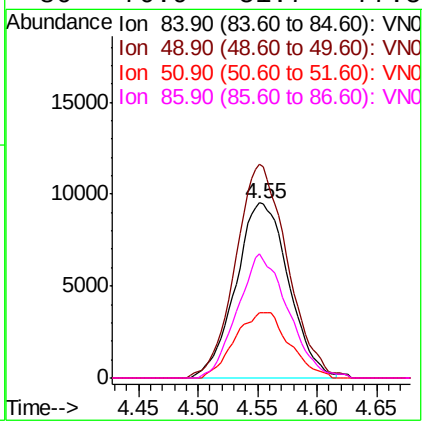


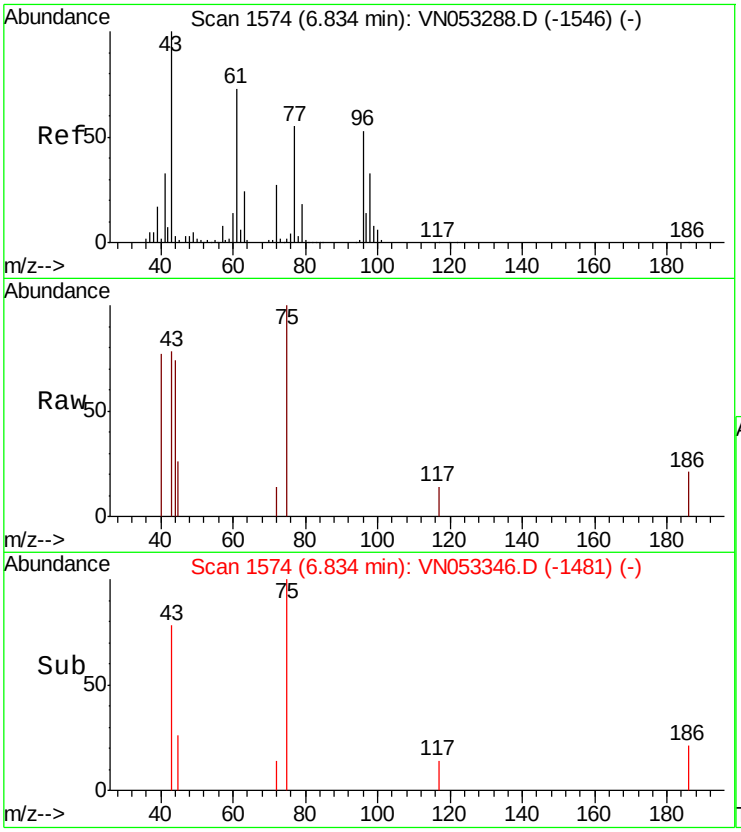


#20
Methylene Chloride
Concen: 2.414 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 84 Resp: 29326

Ion	Ratio	Lower	Upper
84	100		
49	121.9	95.3	142.9
51	37.0	29.0	43.6
86	70.9	51.7	77.5



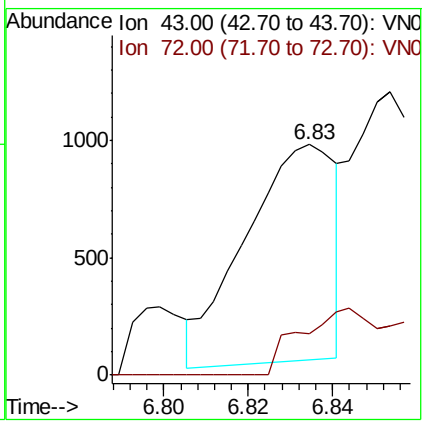


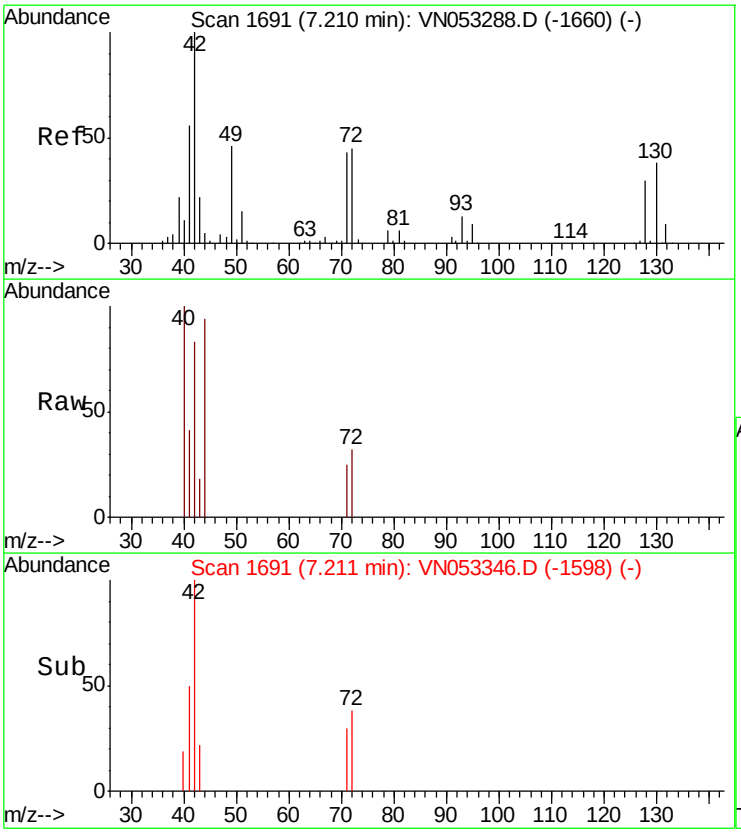
#25
2-Butanone
Concen: 0.295 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion: 43 Resp: 1371

Ion	Ratio	Lower	Upper
43	100		
72	23.9	22.0	33.0

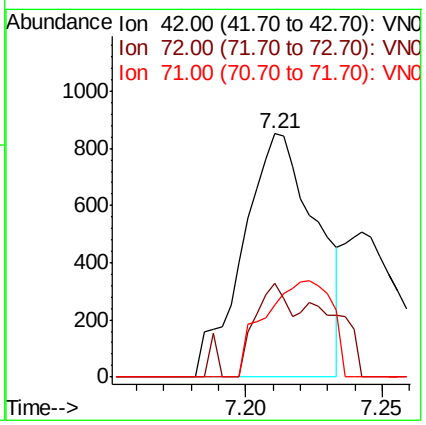


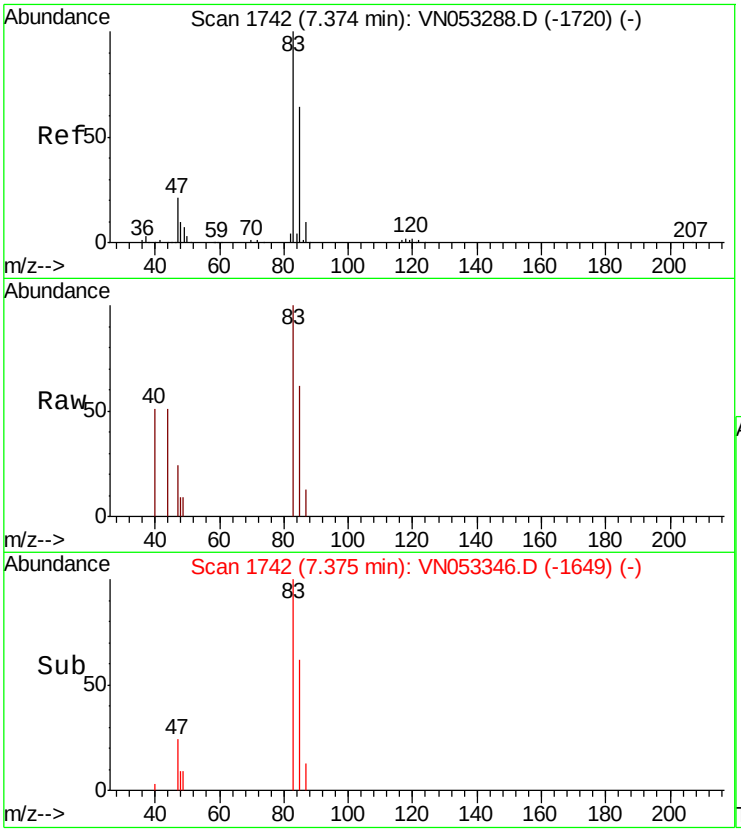


#29
Tetrahydrofuran
Concen: 0.519 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 42 Resp: 1589

Ion	Ratio	Lower	Upper
42	100		
72	18.0	35.6	53.4#
71	35.9	33.8	50.8



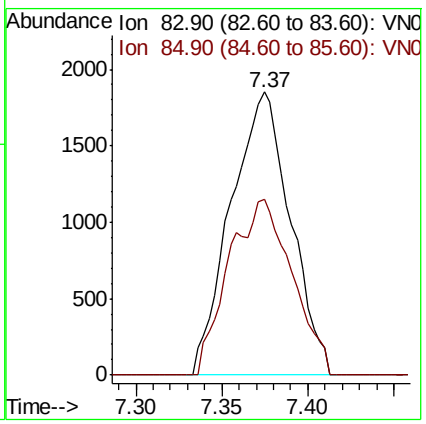


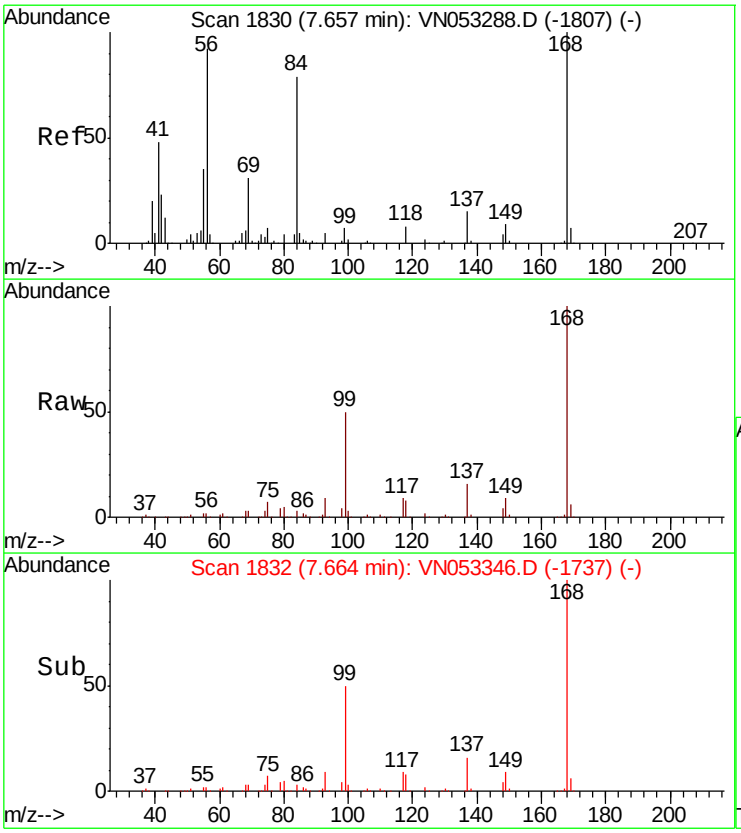
#30
Chloroform
Concen: 0.223 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion: 83 Resp: 4455

Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.3	76.9

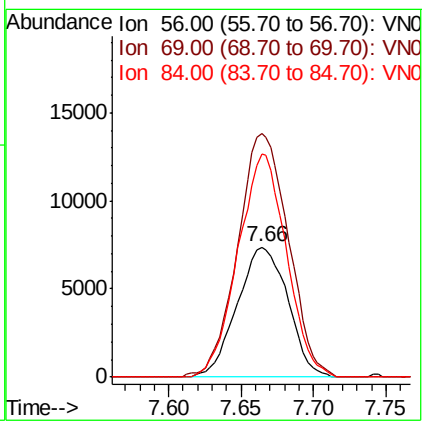


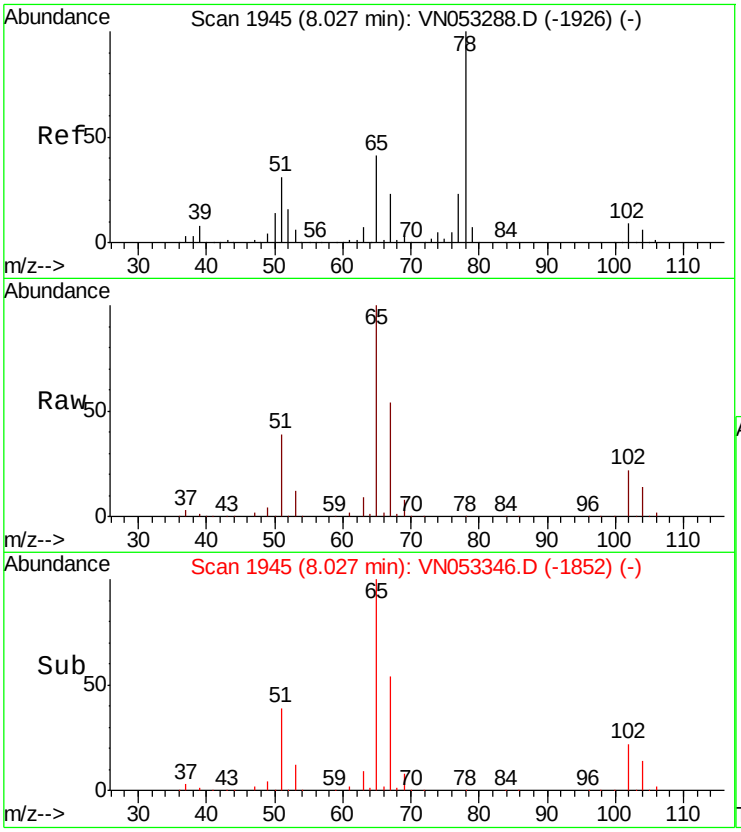


#31
Cyclohexane
Concen: 0.734 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 56 Resp: 17862

Ion	Ratio	Lower	Upper
56	100		
69	187.6	26.7	40.1#
84	171.7	68.2	102.4#



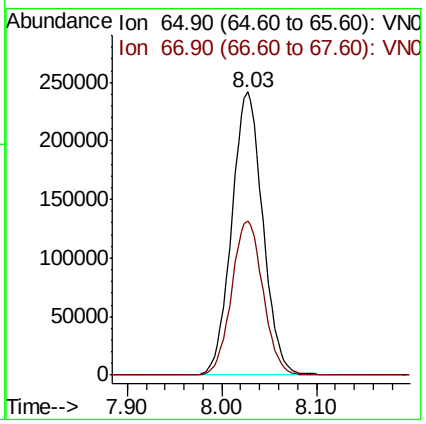


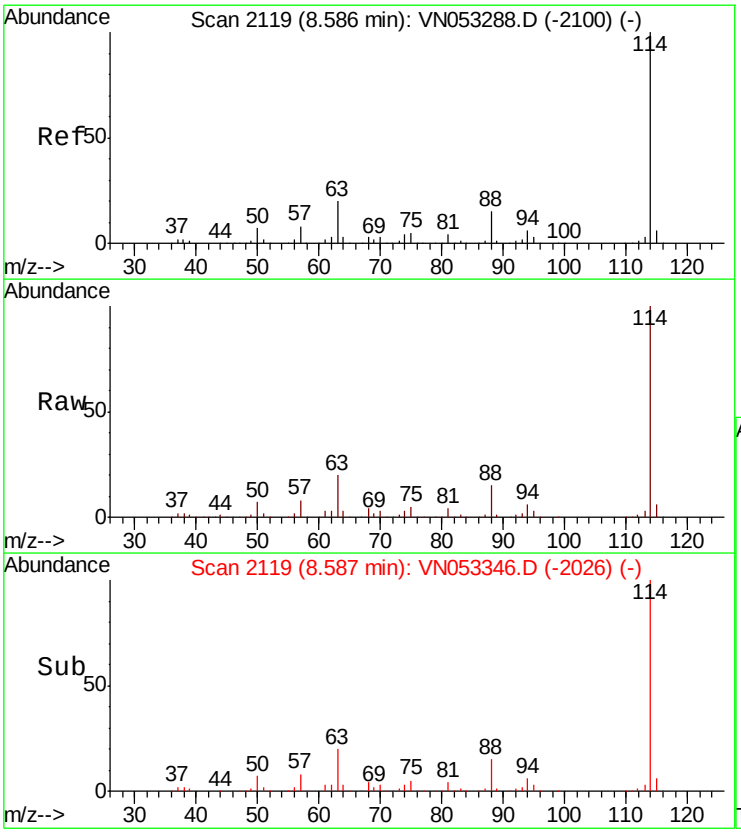
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion: 65 Resp: 552361

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.0

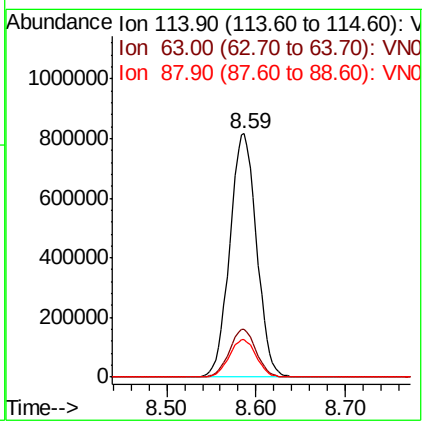


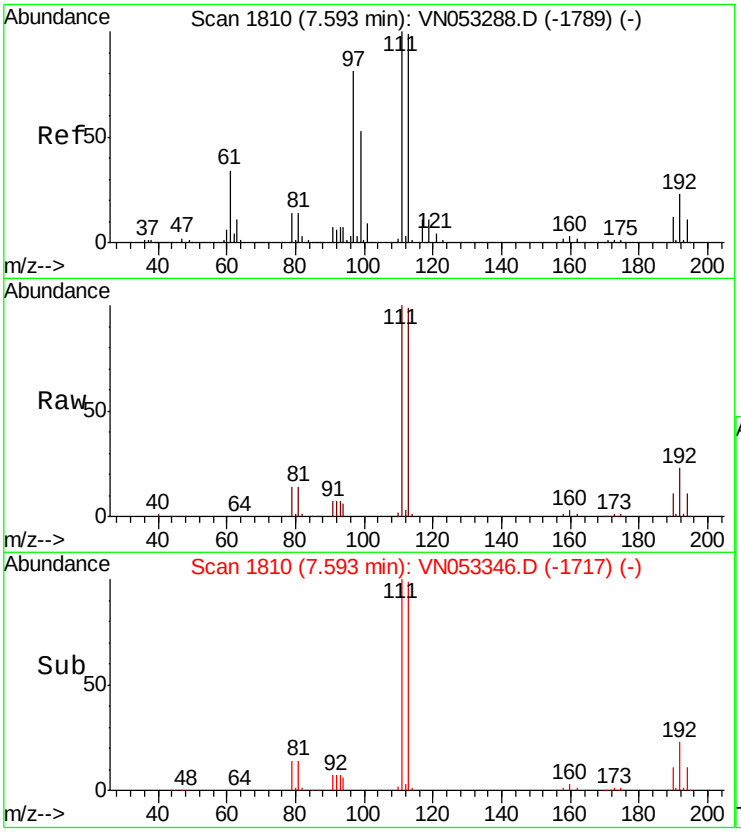


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion:114 Resp: 1698322

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.3	0.0	30.8



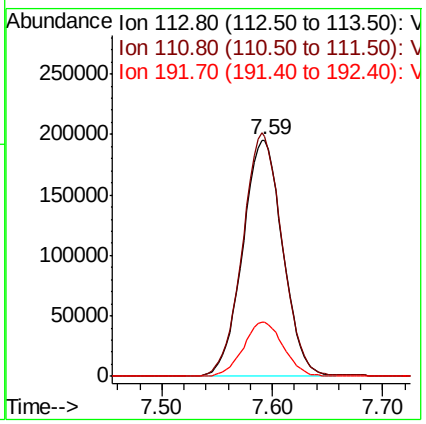


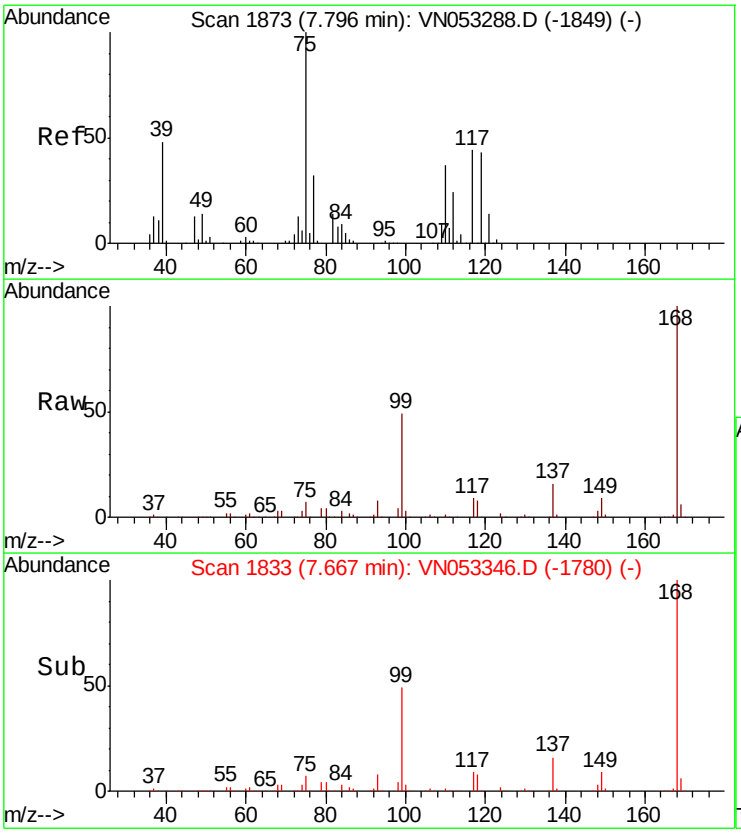
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:113 Resp: 490665

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	23.0	17.9	26.9

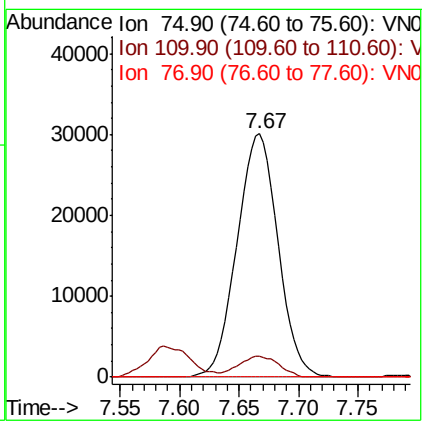


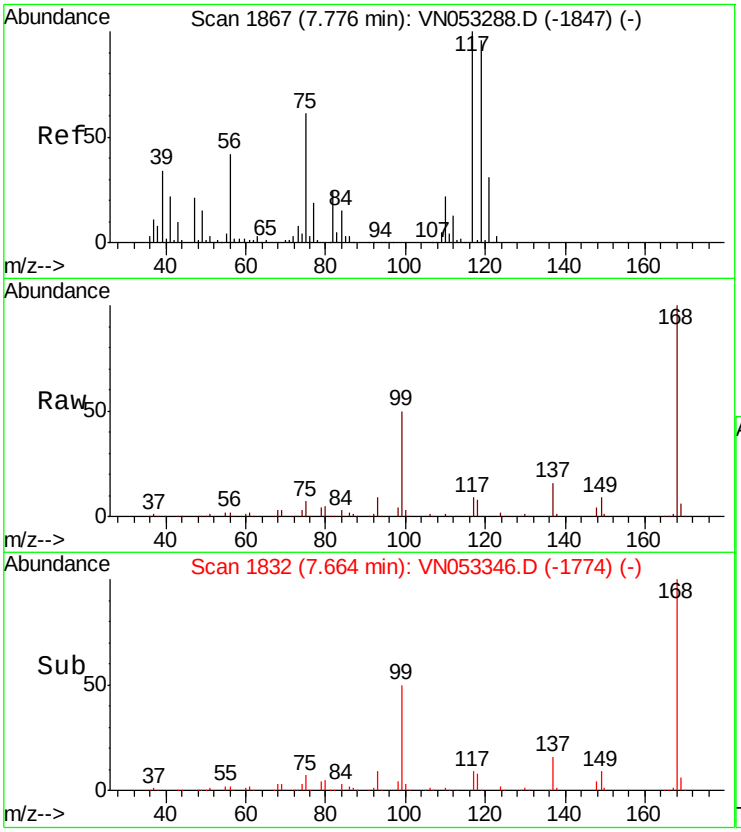


#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 75 Resp: 71747

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.0#
77	0.0	25.3	37.9#



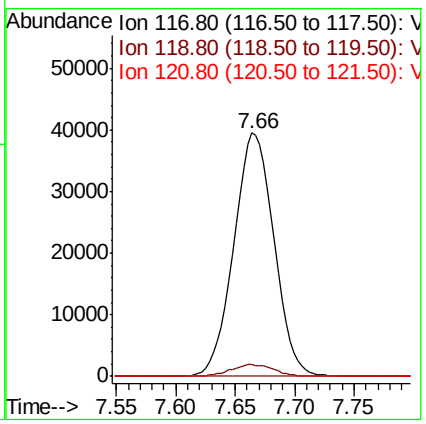


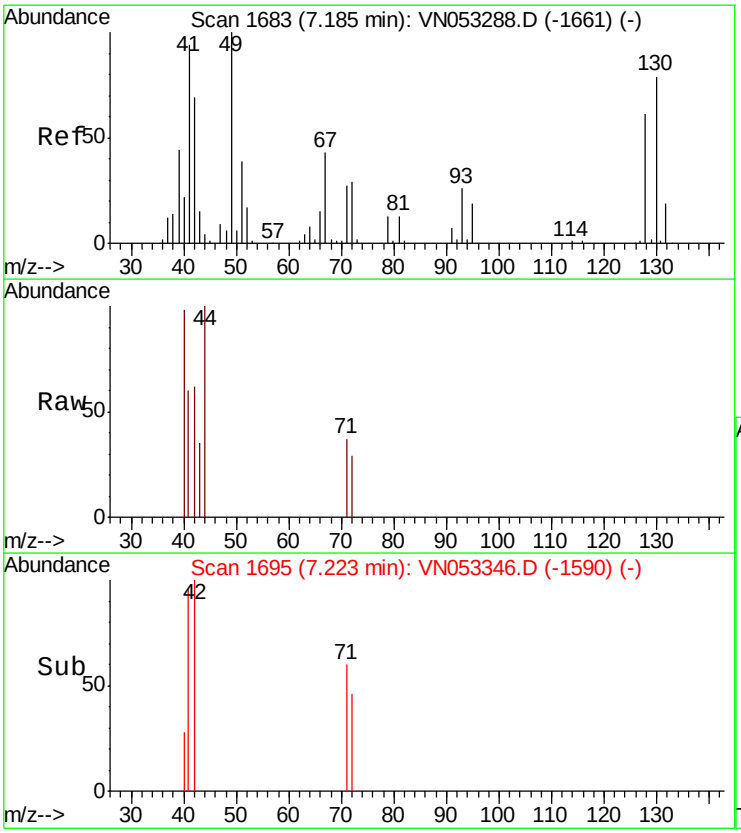
#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion:117 Resp: 92320

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.6	115.0#
121	0.0	25.0	37.4#

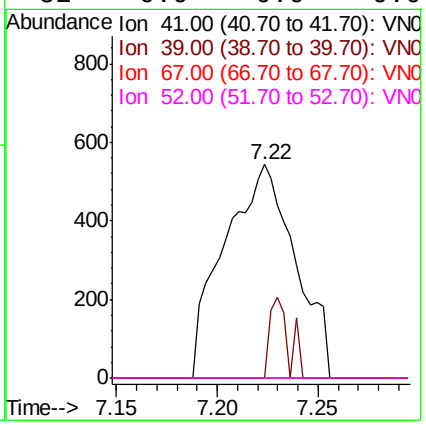


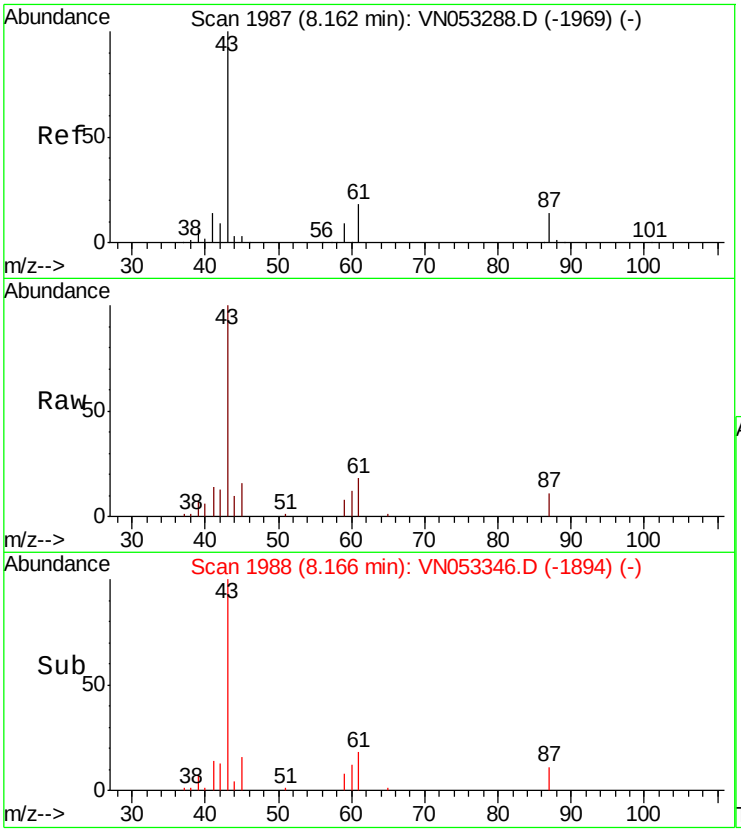


#41
Methacrylonitrile
Concen: 0.207 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.04 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 41 Resp: 1330

Ion	Ratio	Lower	Upper
41	100		
39	10.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



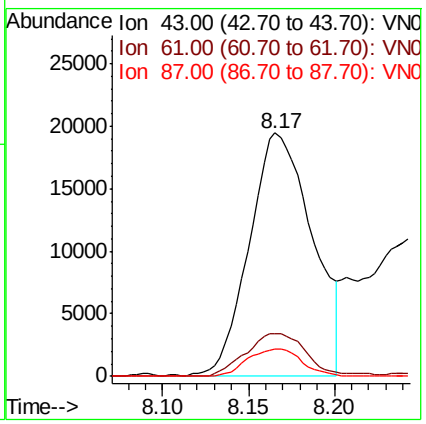


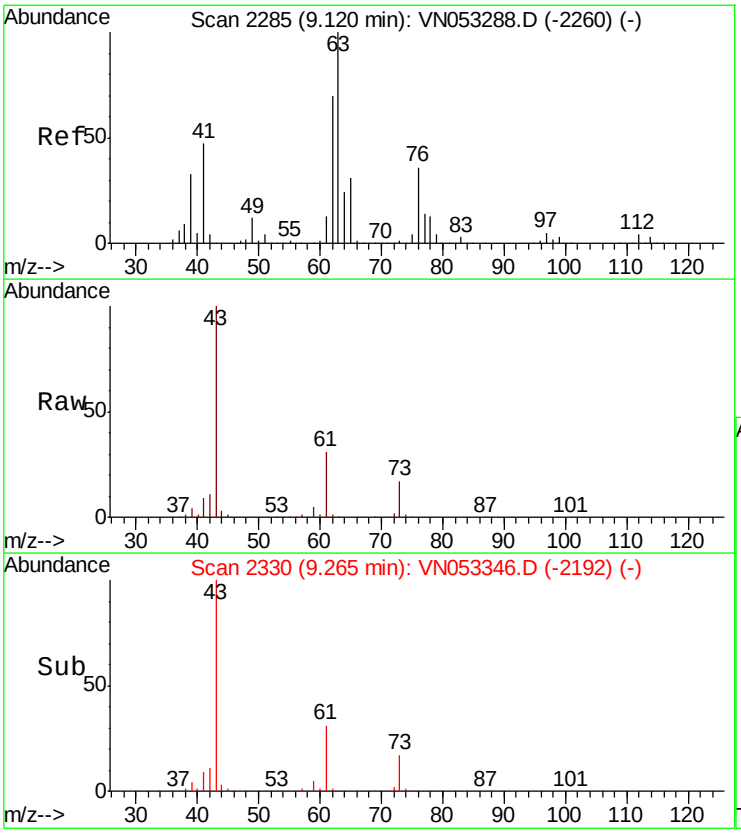
#43
Isopropyl Acetate
Concen: 2.447 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion: 43 Resp: 49712

Ion	Ratio	Lower	Upper
43	100		
61	17.0	23.3	34.9#
87	9.7	10.8	16.2#

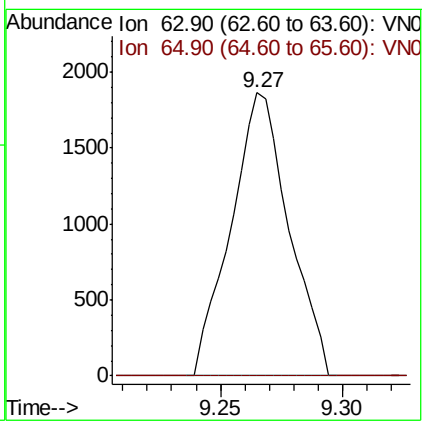


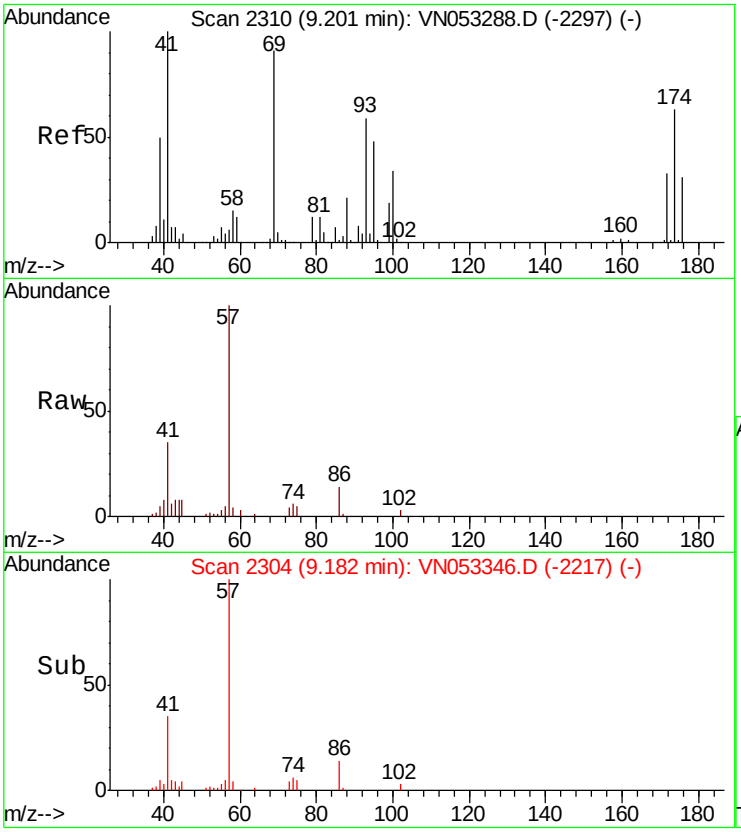


#45
1,2-Dichloropropane
Concen: 0.241 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 63 Resp: 3060

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



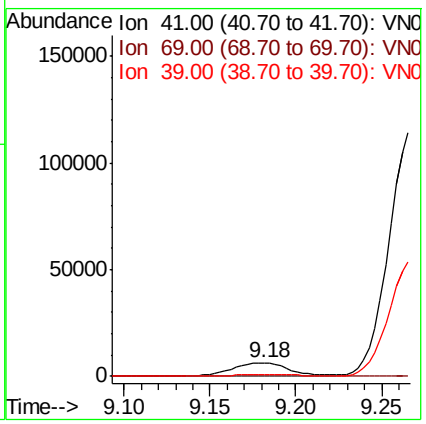


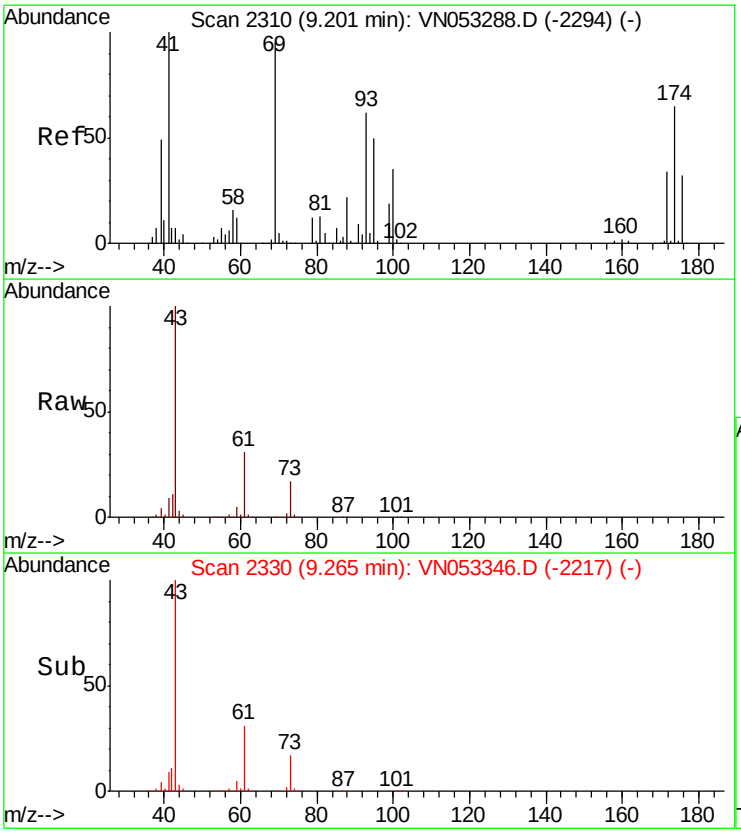
#48
Methyl methacrylate
Concen: 1.582 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion: 41 Resp: 14604

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.5	110.3#
39	0.0	41.6	62.4#

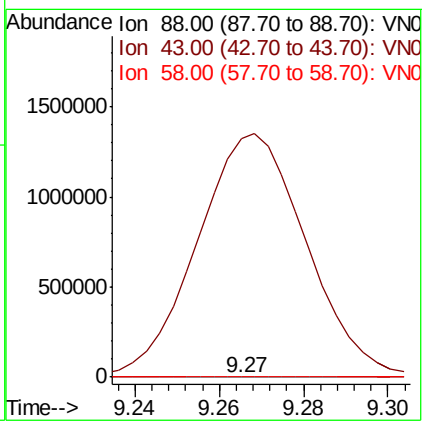


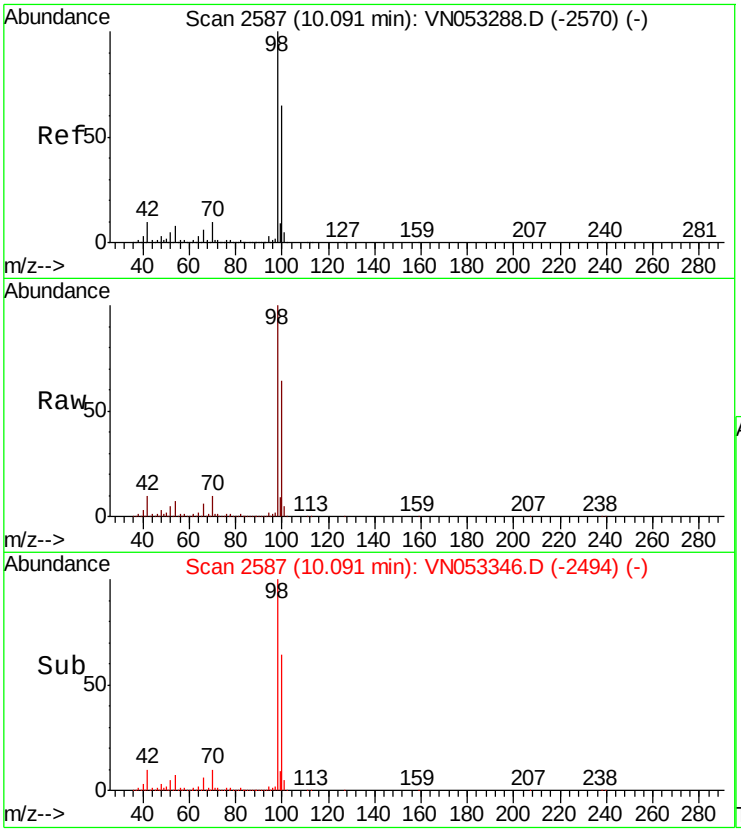


#49
1,4-Dioxane
Concen: 3.600 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 88 Resp: 354

Ion	Ratio	Lower	Upper
88	100		
43	692168.9	26.2	39.4#
58	2985.6	55.5	83.3#



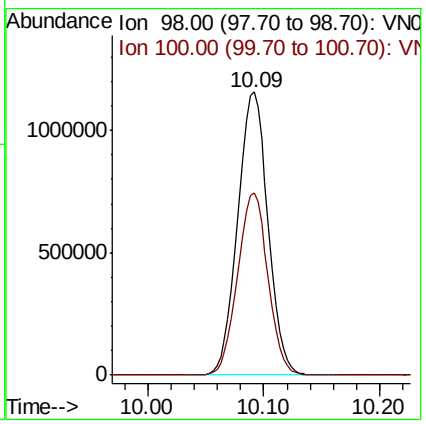


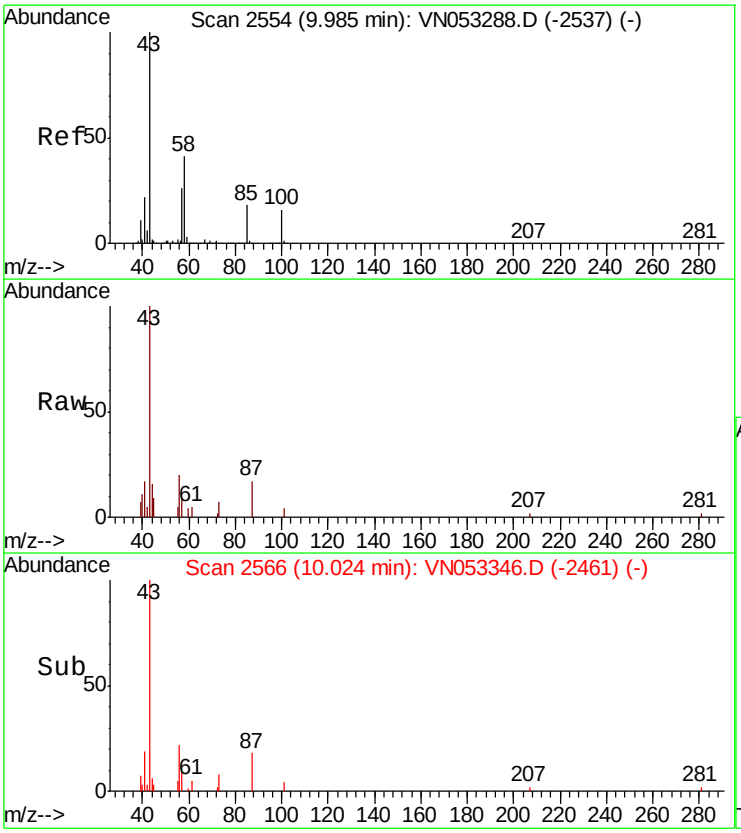
#50
Toluene-d8
Concen: 3.600 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion: 98 Resp: 2099152

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

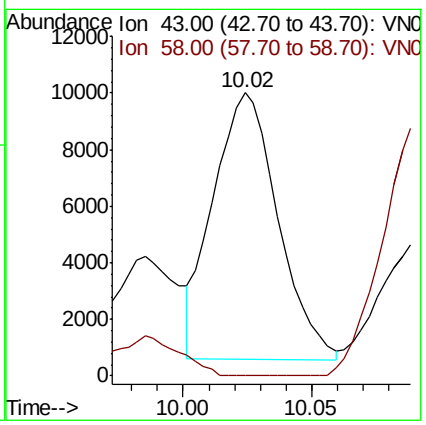


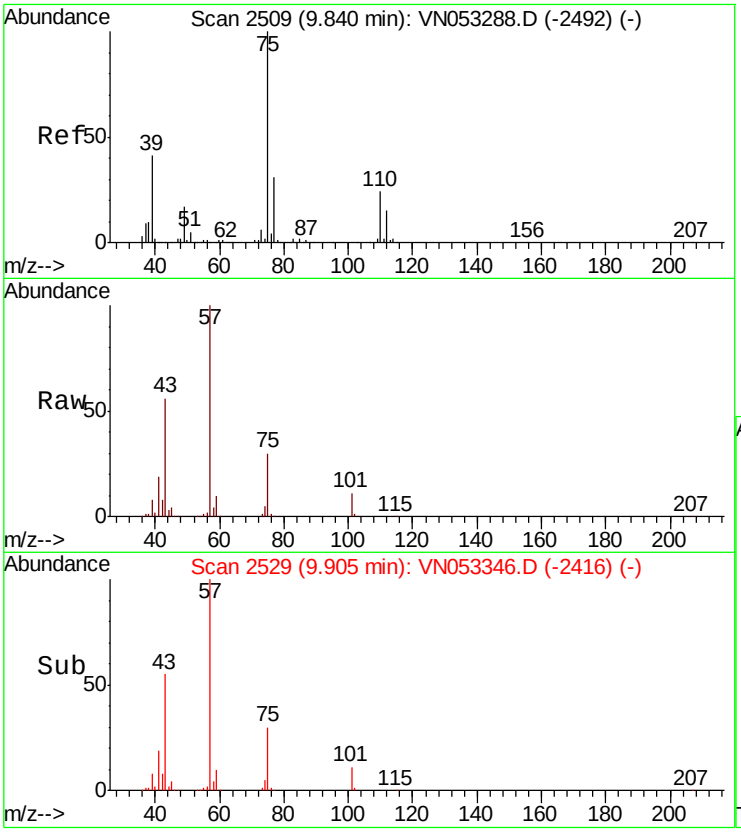


#51
4-Methyl-2-Pentanone
Concen: 1.616 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 43 Resp: 16509

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.7	49.1#



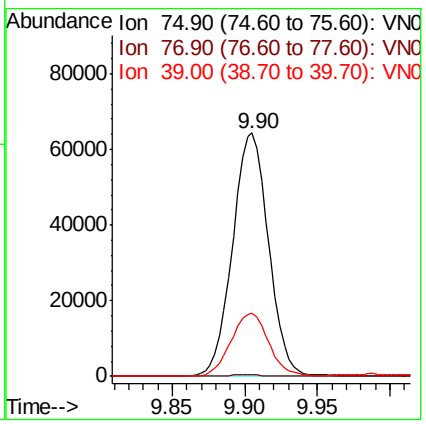


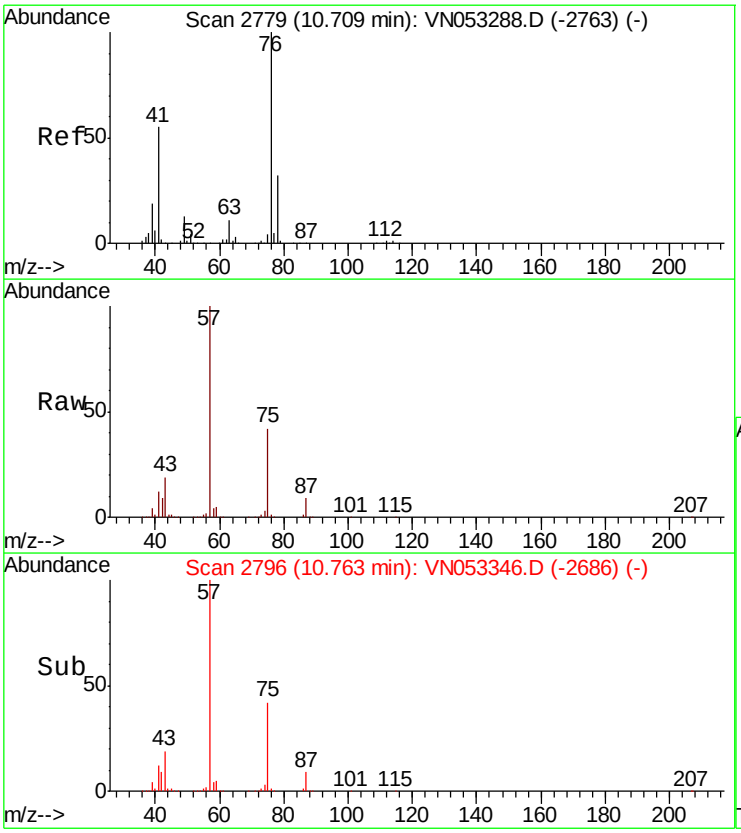
#54
cis-1,3-Dichloropropene
Concen: 6.074 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion: 75 Resp: 110828

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.1	37.7#
39	26.1	33.1	49.7#

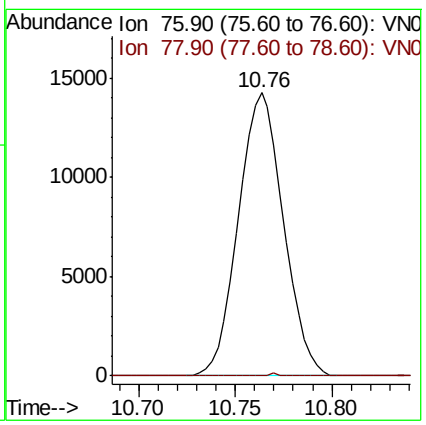


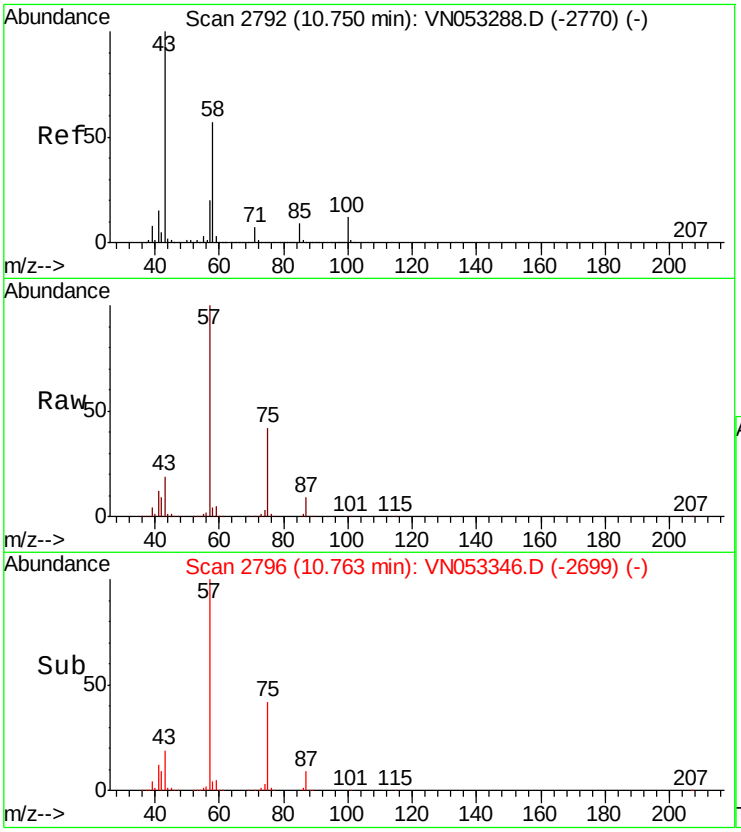


#57
1,3-Dichloropropane
Concen: 1.264 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 76 Resp: 23087

Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.8	38.8#



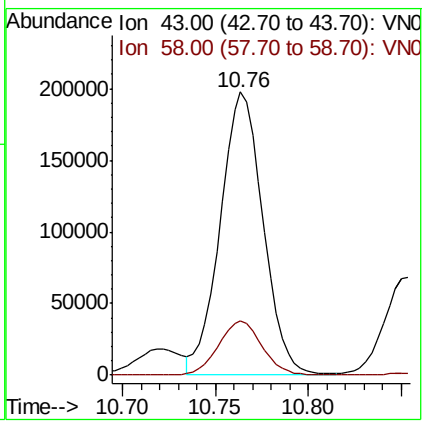


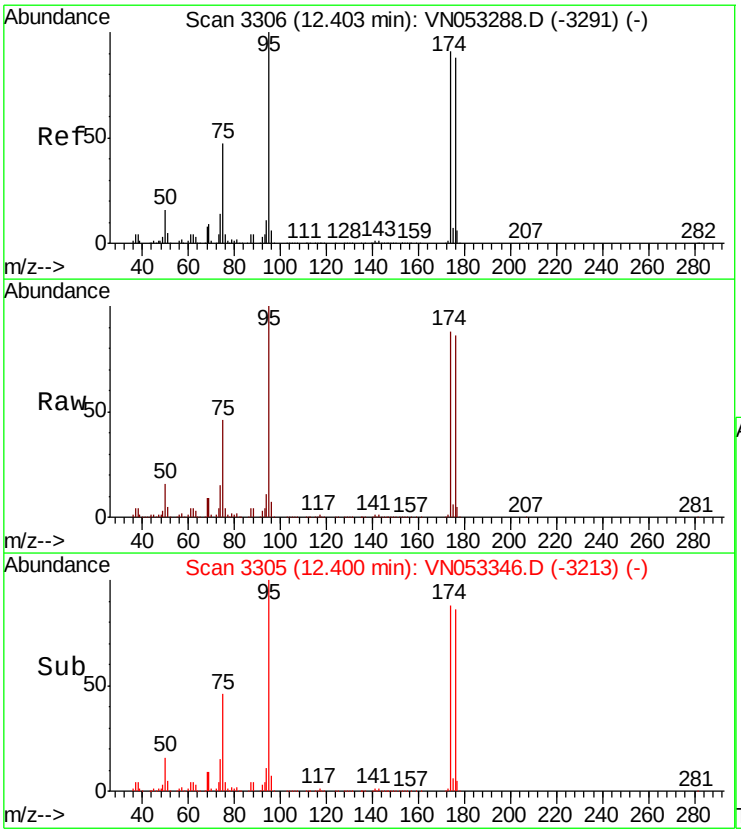
#59
2-Hexanone
Concen: 44.850 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion: 43 Resp: 313951

Ion	Ratio	Lower	Upper
43	100		
58	19.7	28.3	85.0#

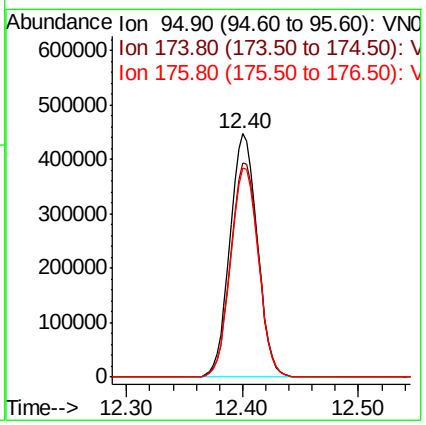


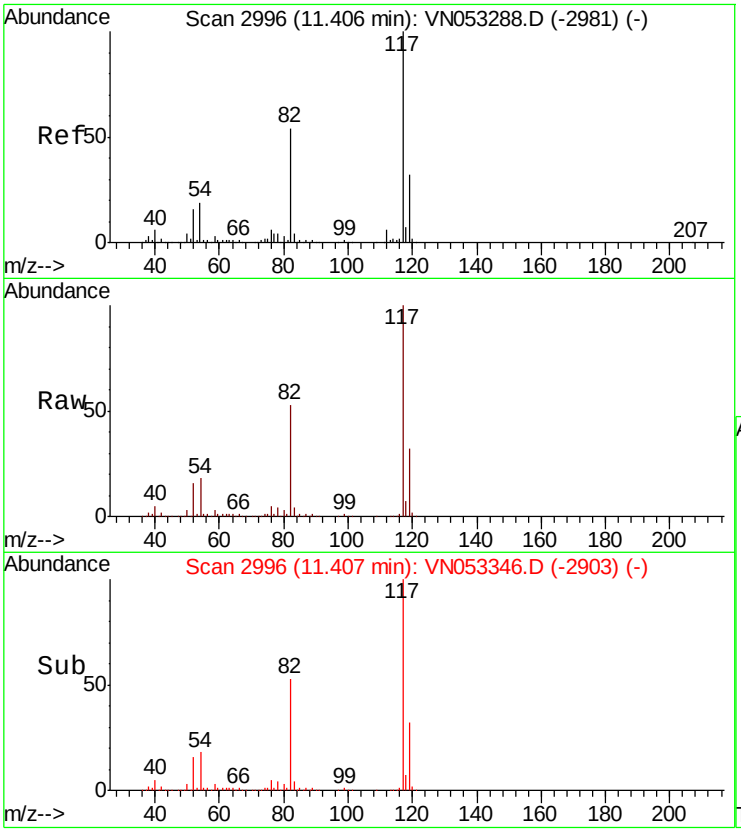


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 95 Resp: 729038

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	180.4
176	87.1	0.0	175.6



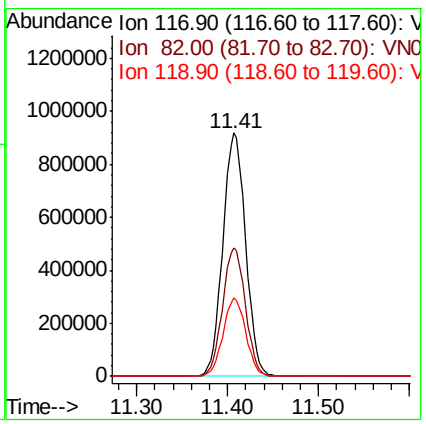


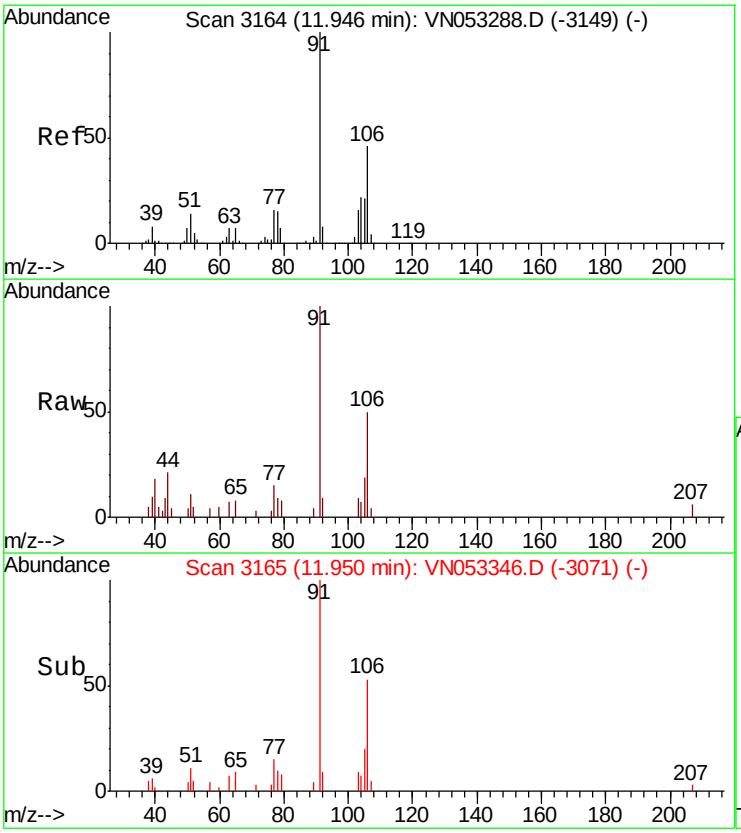
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion:117 Resp: 1593514

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.9	64.3
119	32.0	25.6	38.4

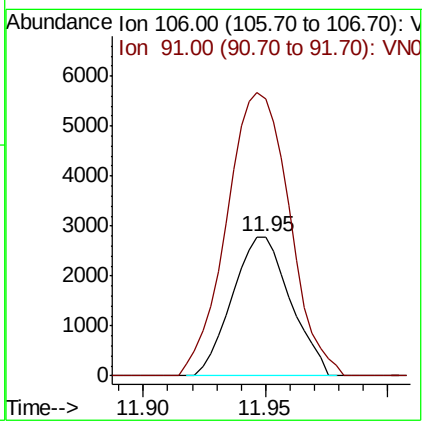


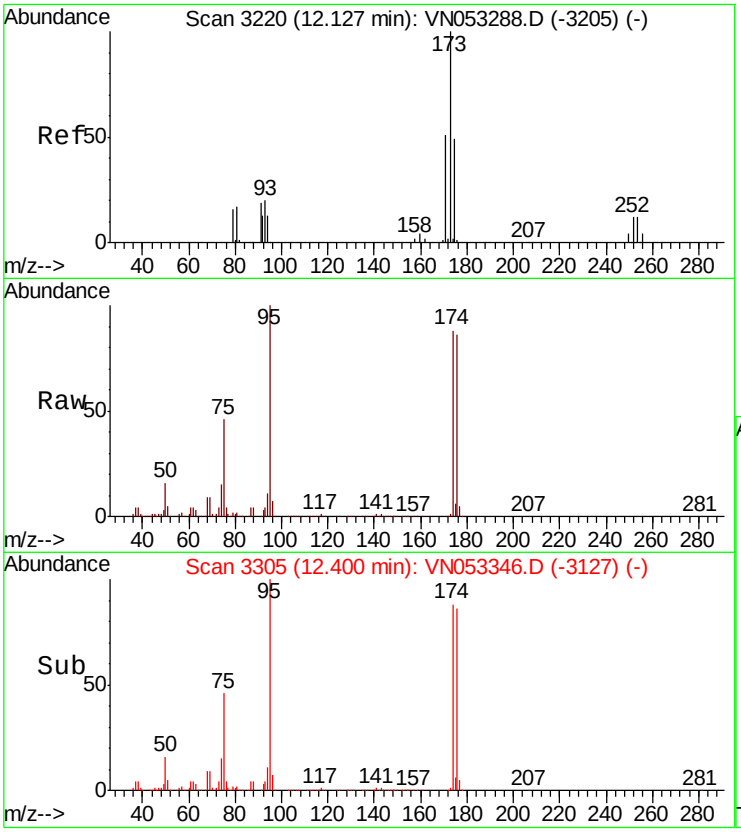


#69
o-Xylene
Concen: 0.212 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion:106 Resp: 4590

Ion	Ratio	Lower	Upper
106	100		
91	220.7	106.8	320.4



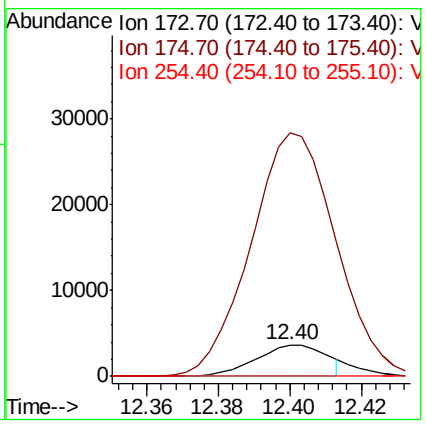


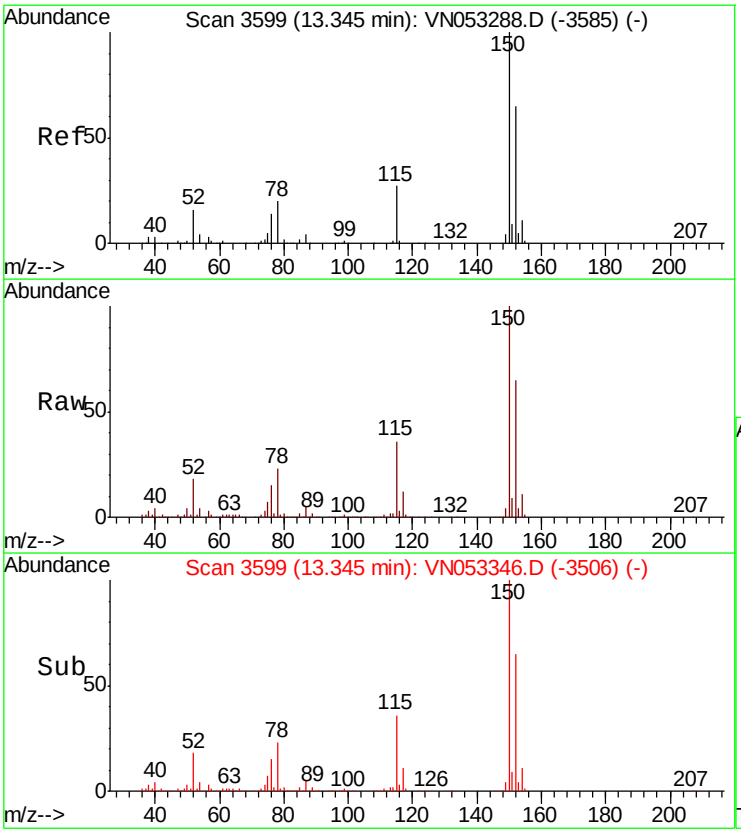
#71
Bromoform
Concen: 0.587 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:173 Resp: 5026

Ion	Ratio	Lower	Upper
173	100		
175	828.6	24.3	72.8#
254	0.0	0.2	0.2#

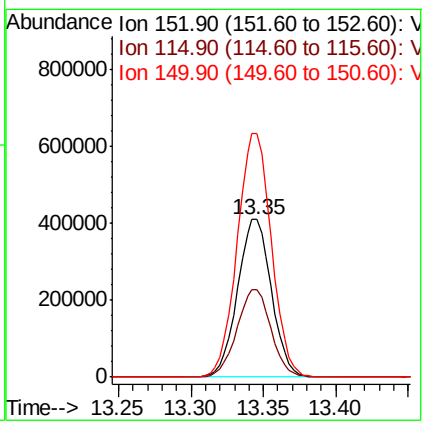


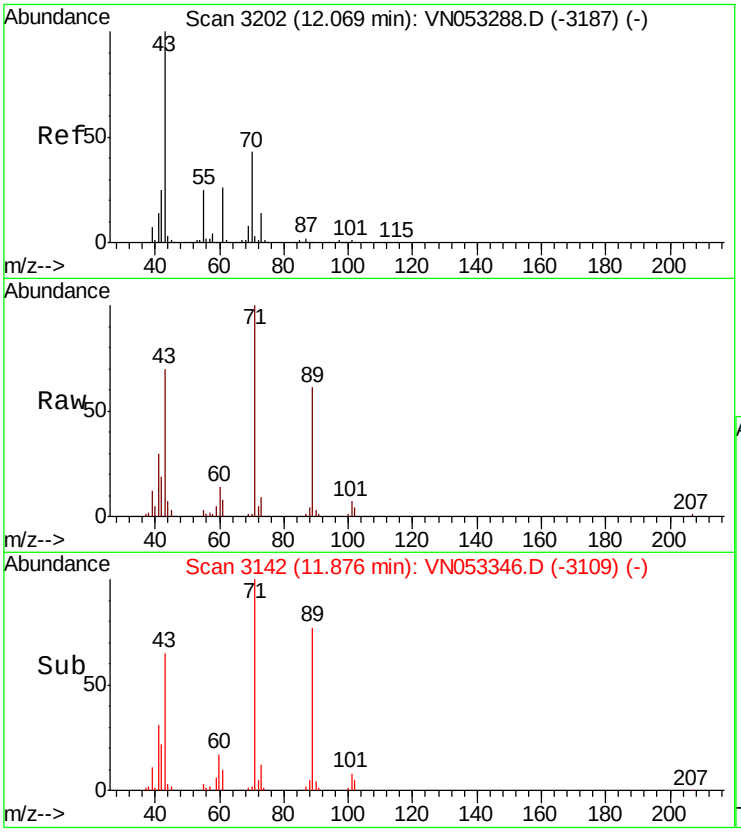


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion:152 Resp: 666517

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	84.0
150	155.8	0.0	346.6



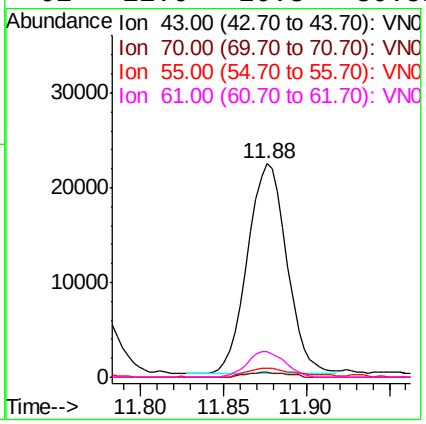


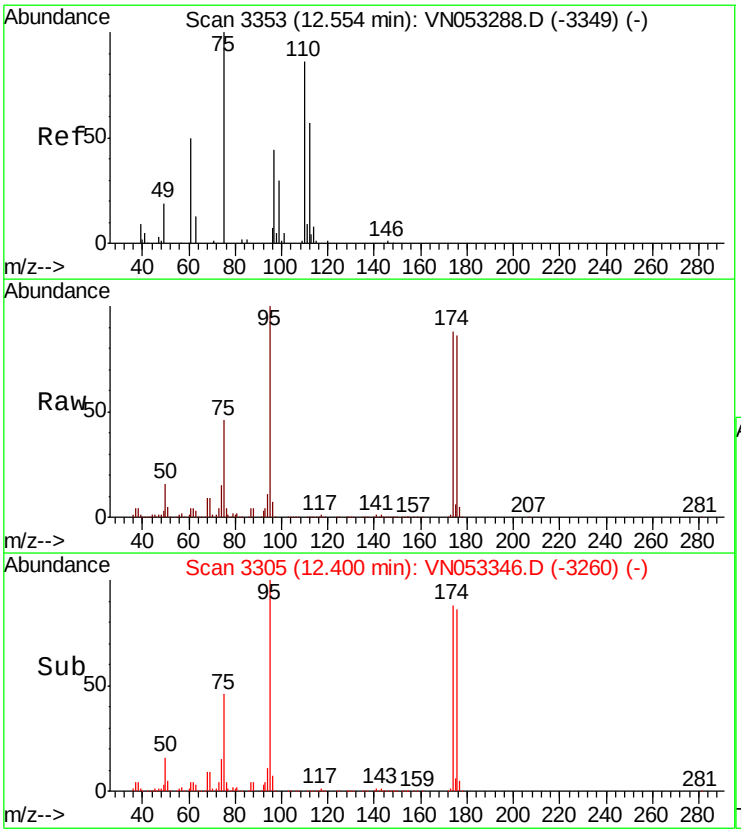
#74
N-amyl acetate
Concen: 2.480 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument : MSVOA_N
ClientSampleId : HR-06-010918-A

Tgt Ion: 43 Resp: 36746

Ion	Ratio	Lower	Upper
43	100		
70	2.4	35.0	52.6#
55	5.5	20.0	30.0#
61	11.6	20.3	30.5#

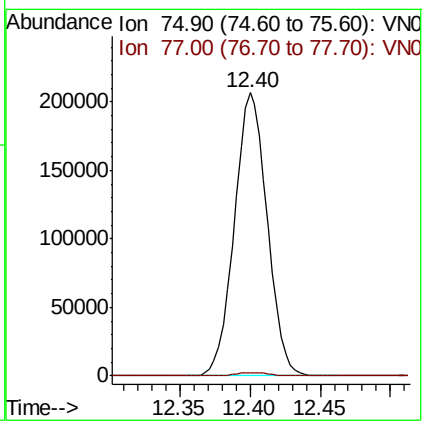


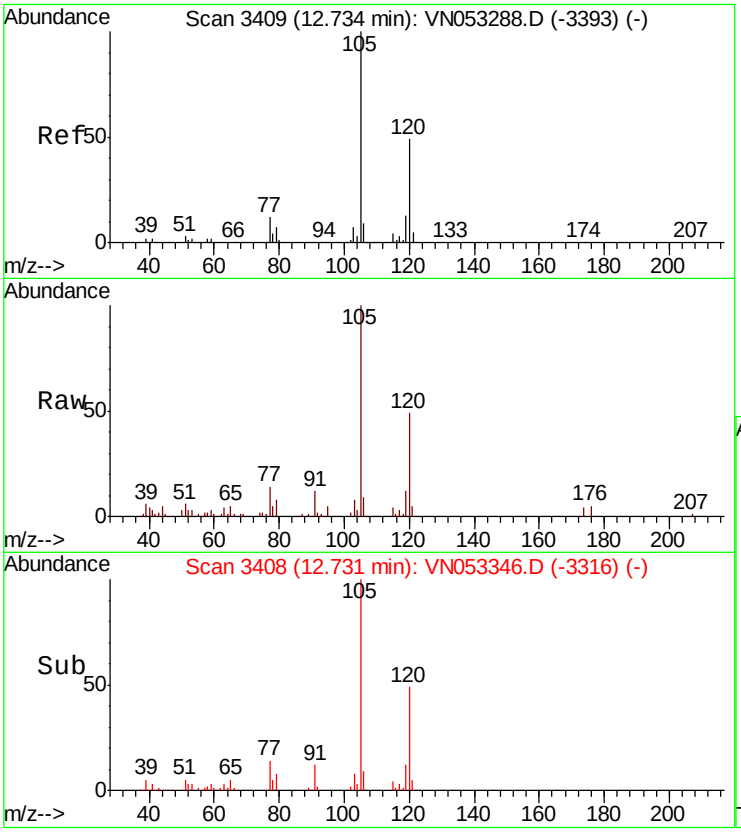


#76
1,2,3-Trichloropropane
Concen: 34.634 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 75 Resp: 336690

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



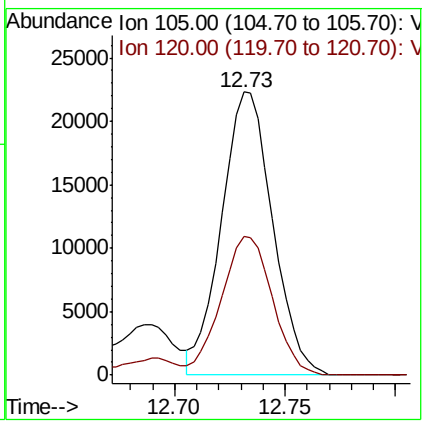


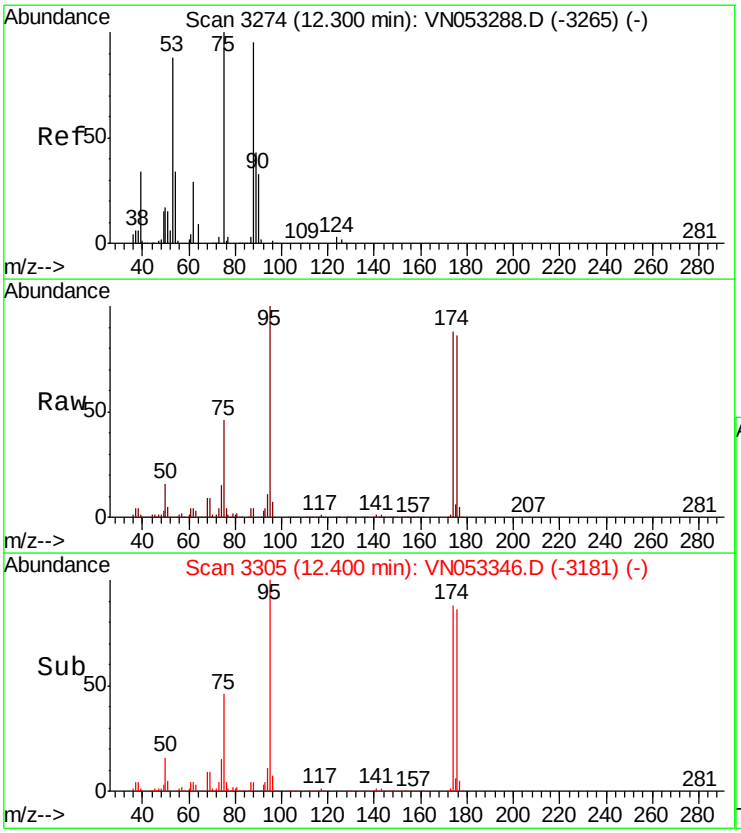
#80
1,3,5-Trimethylbenzene
Concen: 0.900 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:105 Resp: 35989

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.7	74.1

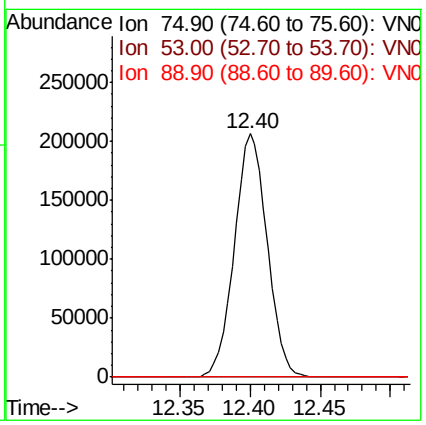


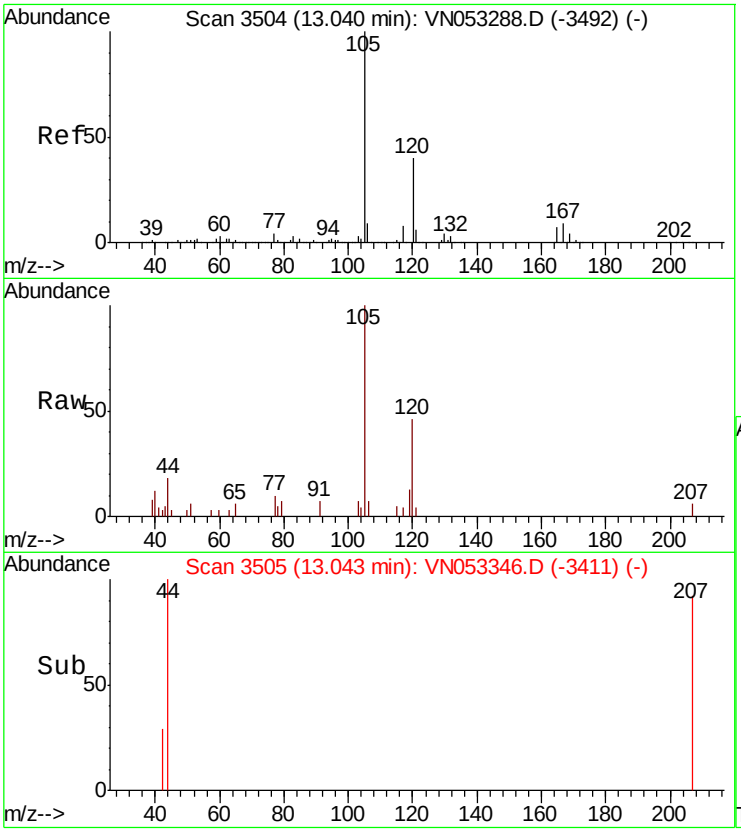


#81
trans-1,4-Dichloro-2-butene
Concen: 101.898 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion: 75 Resp: 336690

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	35.4	53.0#



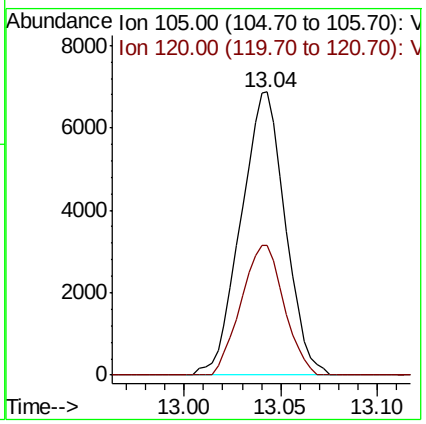


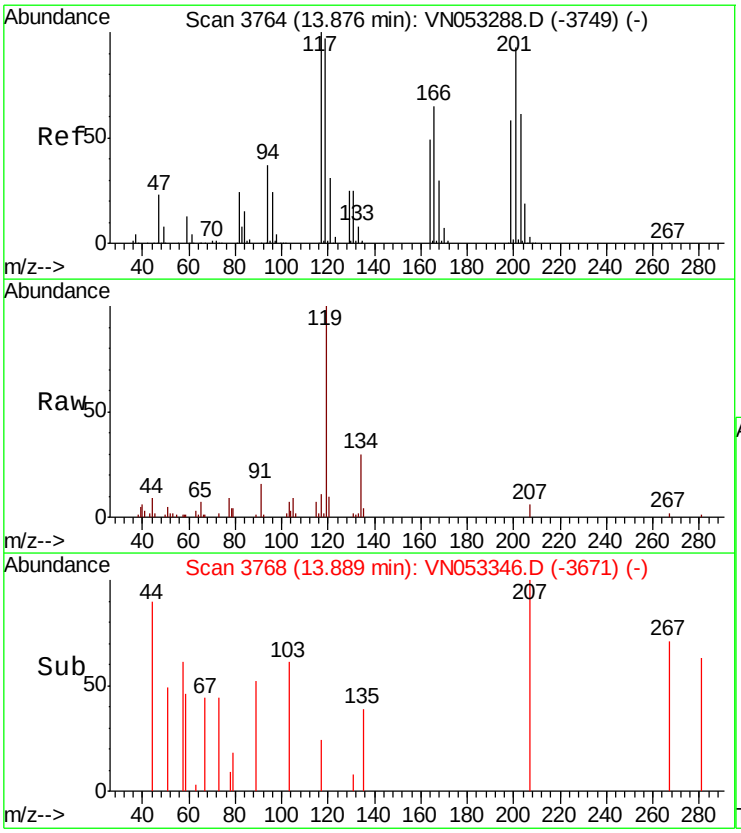
#84
1,2,4-Trimethylbenzene
Concen: 0.269 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:105 Resp: 10963

Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.0	69.0

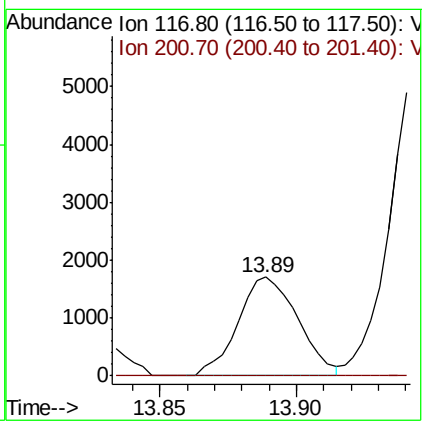


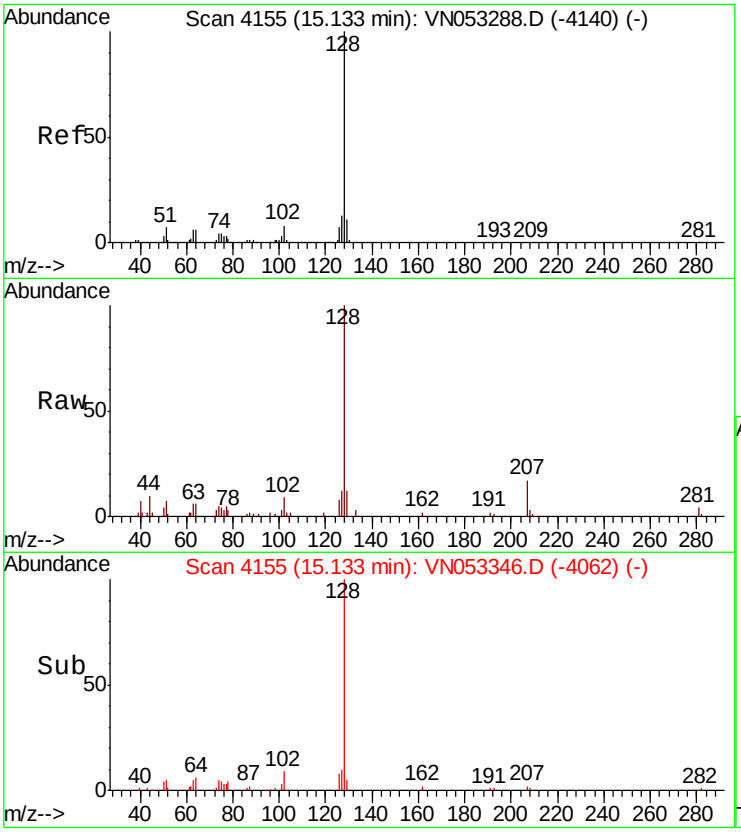


#90
Hexachloroethane
Concen: 0.406 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Tgt Ion:117 Resp: 2605

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.1	138.3#





#95
Naphthalene
Concen: 2.169 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053346.D
Acq: 10 Jan 2019 17:15

Instrument :
MSVOA_N
ClientSampleId :
HR-06-010918-A

Tgt Ion:128 Resp: 25423

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	13.5	8.7	13.1#