Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102618\
Data File : VN052043.D
Acq On : 26 Oct 2018 21:53
Operator : MD\SY
Sample : J5204-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Quant Time: Oct 26 23:28:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1334099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1905781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1805434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	863806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	654168	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.12%			
35) Dibromofluoromethane	7.59	113	700514	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.20%			
50) Toluene-d8	10.09	98	2588167	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.78%			
62) 4-Bromofluorobenzene	12.40	95	829376	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.82%			
Target Compounds						Qvalue
8) Diethyl Ether	3.42	74	6258	1.156	ug/l	94
13) Acrolein	3.59	56	29	37.342	ug/l #	14
16) Acetone	3.82	43	37389	19.099	ug/l	94
18) Methyl Acetate	4.33	43	7205	Below Cal	#	71
20) Methylene Chloride	4.55	84	14602	1.272	ug/l	97
25) 2-Butanone	6.83	43	958	0.343	ug/l #	75
29) Tetrahydrofuran	7.21	42	390	0.206	ug/l #	84
31) Cyclohexane	7.66	56	19374	Below Cal	#	27
36) 1,1-Dichloropropene	7.67	75	75795	5.185	ug/l #	47
37) Ethyl Acetate	6.93	43	423	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	113278	6.750	ug/l #	15
43) Isopropyl Acetate	8.17	43	292895	23.923	ug/l	96
48) Methyl methacrylate	9.17	41	5592	0.945	ug/l #	11
52) Toluene	10.16	92	14938	0.508	ug/l	97
53) t-1,3-Dichloropropene	10.49	75	64	1.248	ug/l #	43
56) Ethyl methacrylate	10.23	69	3442	0.294	ug/l	93
59) 2-Hexanone	10.76	43	15398	3.403	ug/l #	52
68) m/p-Xylenes	11.62	106	10594	0.453	ug/l	87
71) Bromoform	12.40	173	7567	4.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	395966	44.378	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	395966	139.697	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	11637	0.257	ug/l	94
90) Hexachloroethane	13.89	117	1861	0.256	ug/l #	4
95) Naphthalene	15.13	128	113489	3.279	ug/l	100

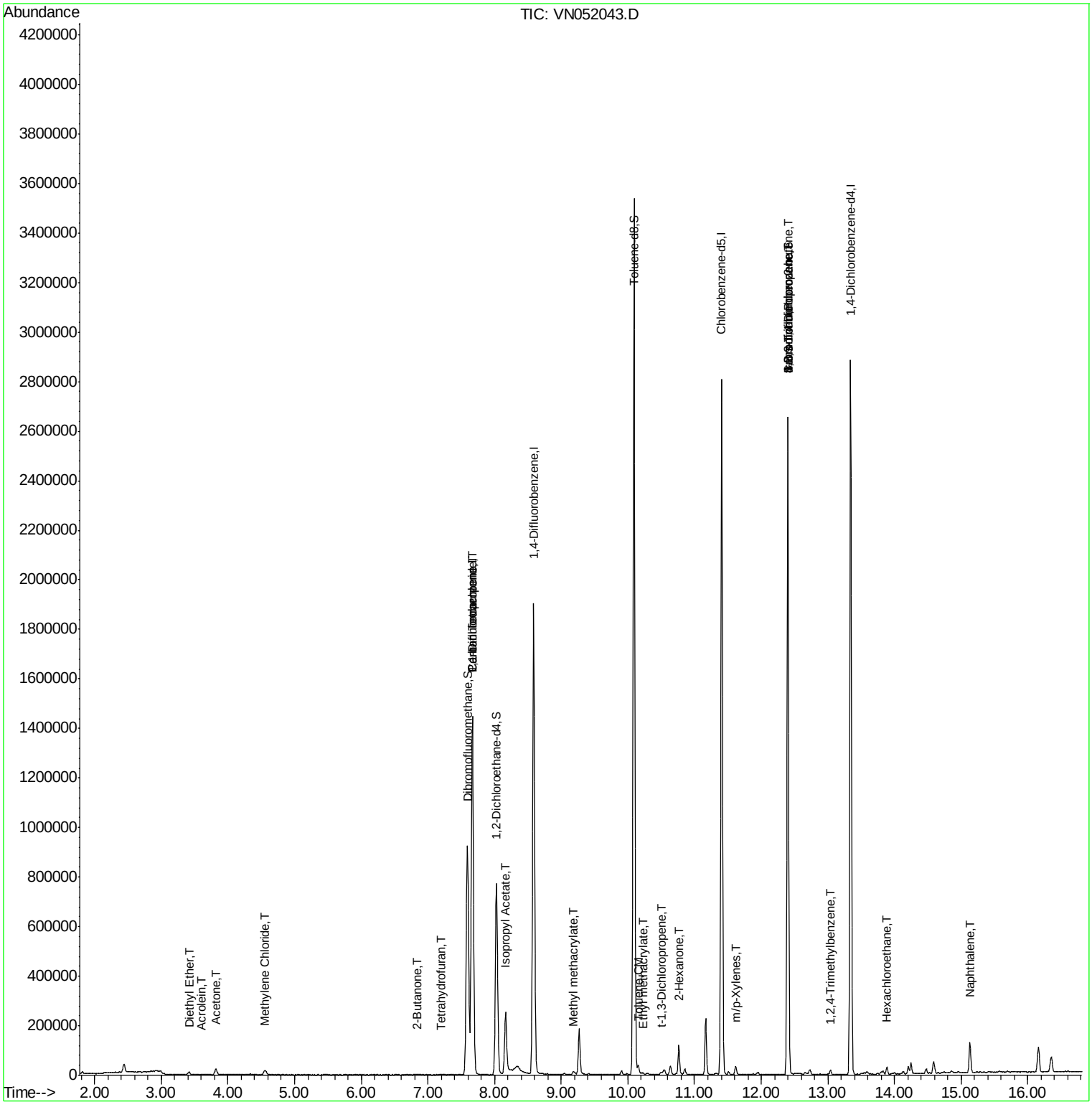
(#) = qualifier out of range (m) = manual integration (+) = signals summed

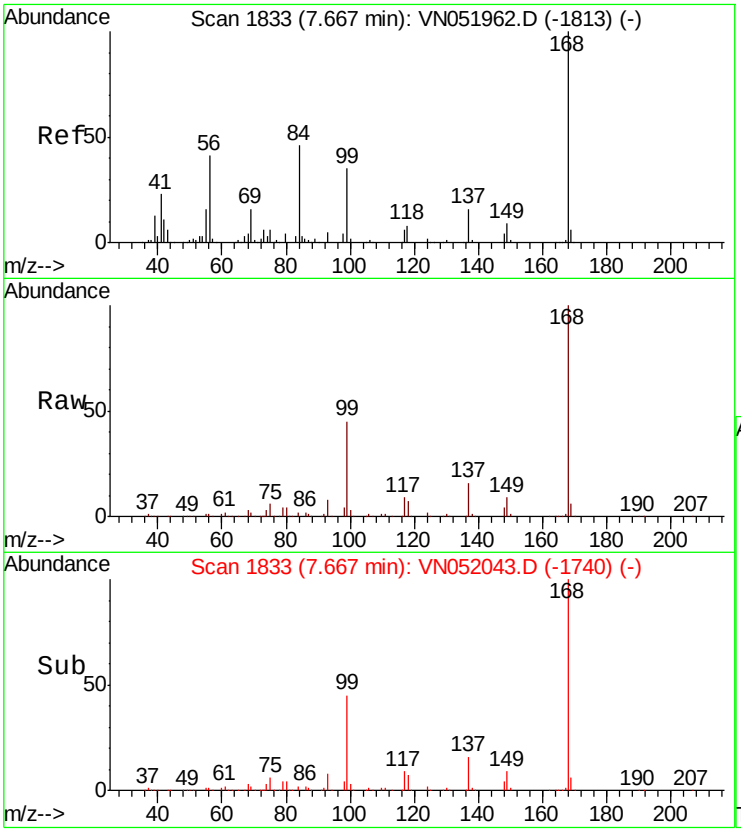
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102618\
Data File : VN052043.D
Acq On : 26 Oct 2018 21:53
Operator : MD\SY
Sample : J5204-16
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Quant Time: Oct 26 23:28:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration



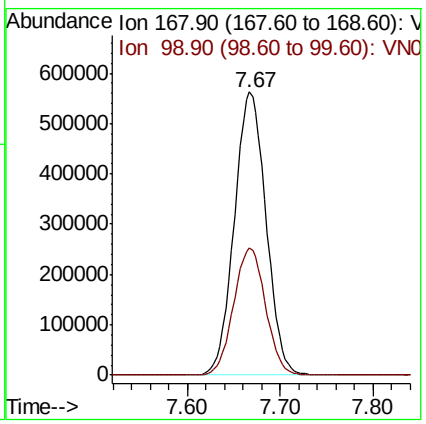


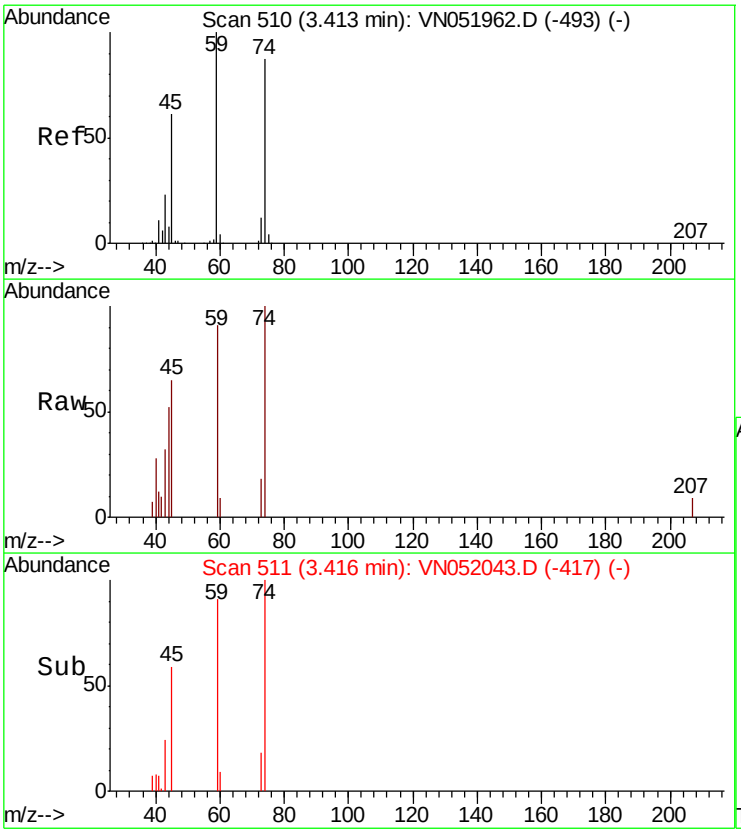
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:168 Resp: 1334099

Ion	Ratio	Lower	Upper
168	100		
99	44.9	37.8	56.6

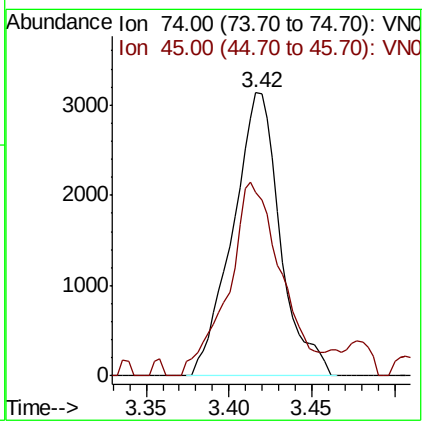


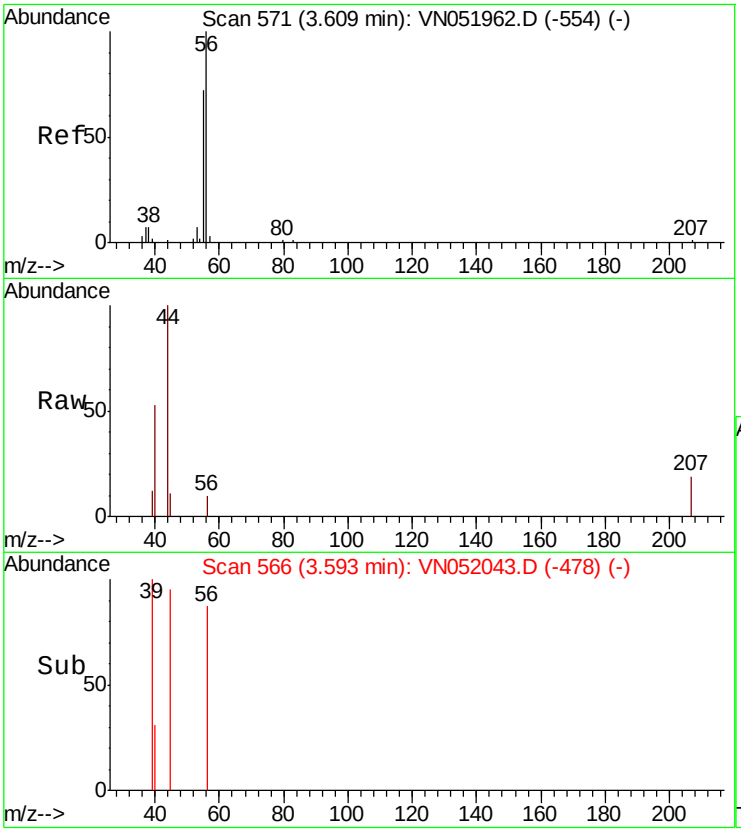


#8
Diethyl Ether
Concen: 1.156 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 74 Resp: 6258

Ion	Ratio	Lower	Upper
74	100		
45	75.8	35.5	106.5



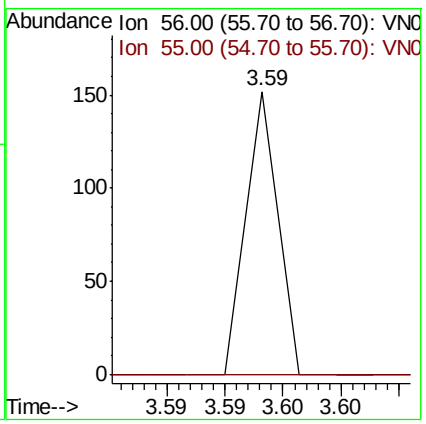


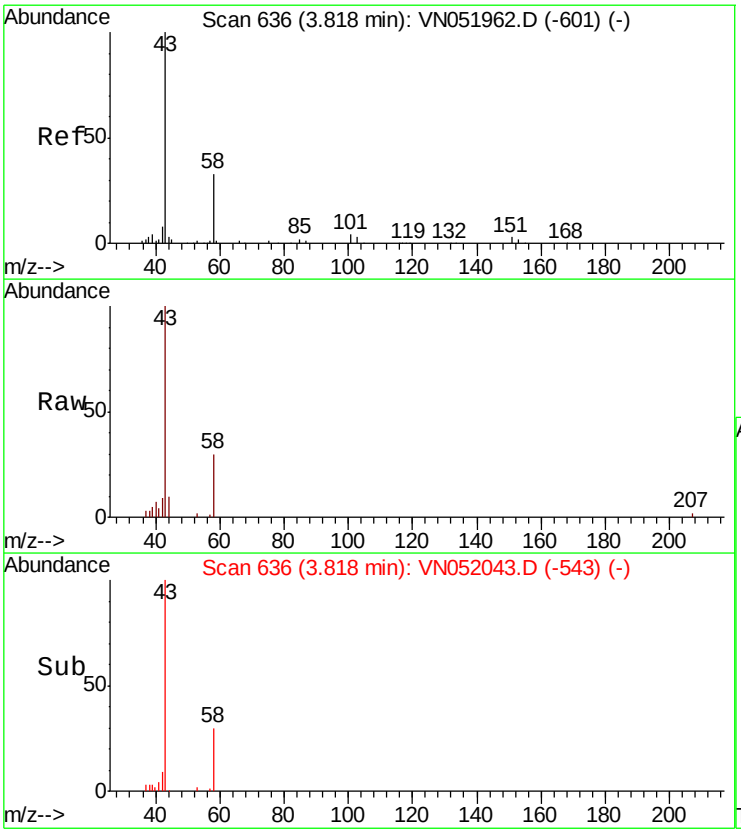
#13
Acrolein
Concen: 37.342 ug/l
RT: 3.59 min Scan# 566
Delta R.T. -0.02 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	84.8#

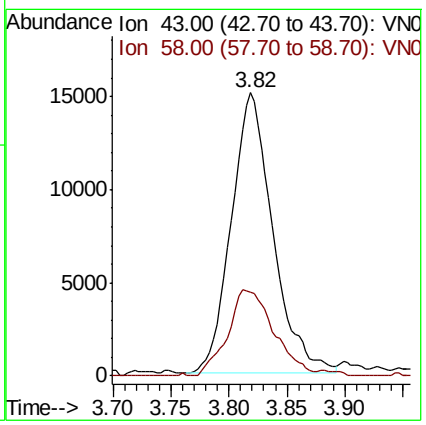


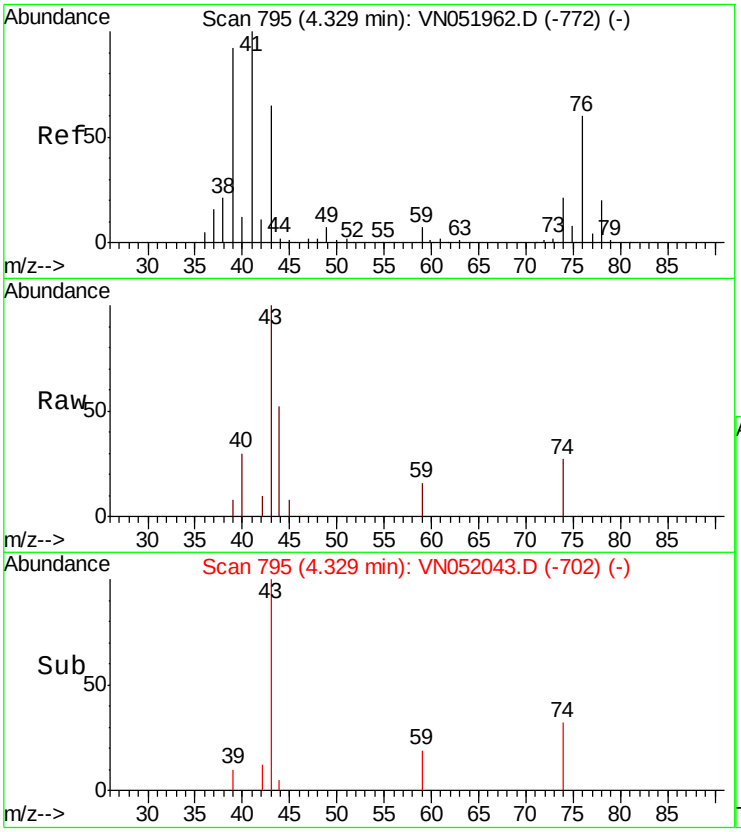


#16
Acetone
Concen: 19.099 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 43 Resp: 37389

Ion	Ratio	Lower	Upper
43	100		
58	30.0	26.7	40.1



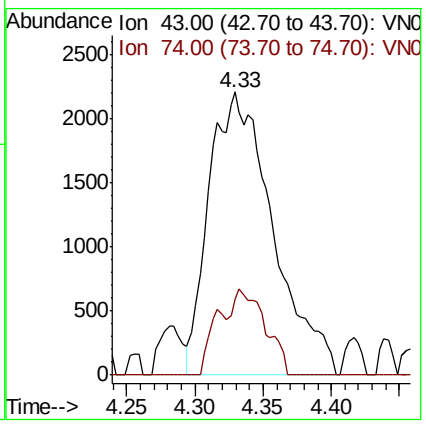


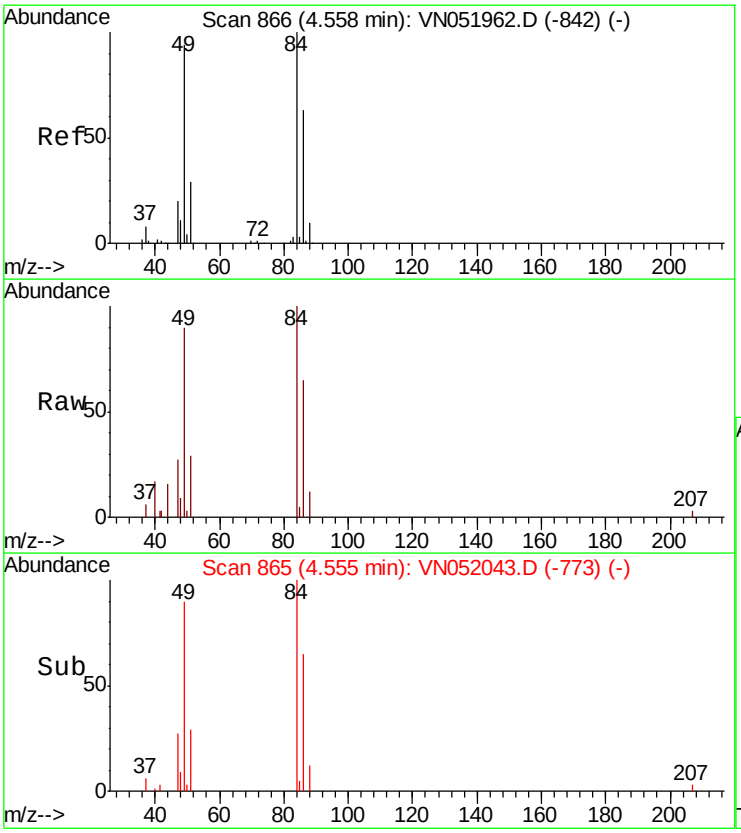
#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 43 Resp: 7205

Ion	Ratio	Lower	Upper
43	100		
74	15.9	25.7	38.5#

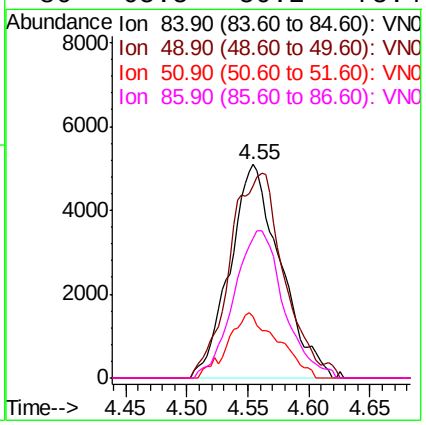


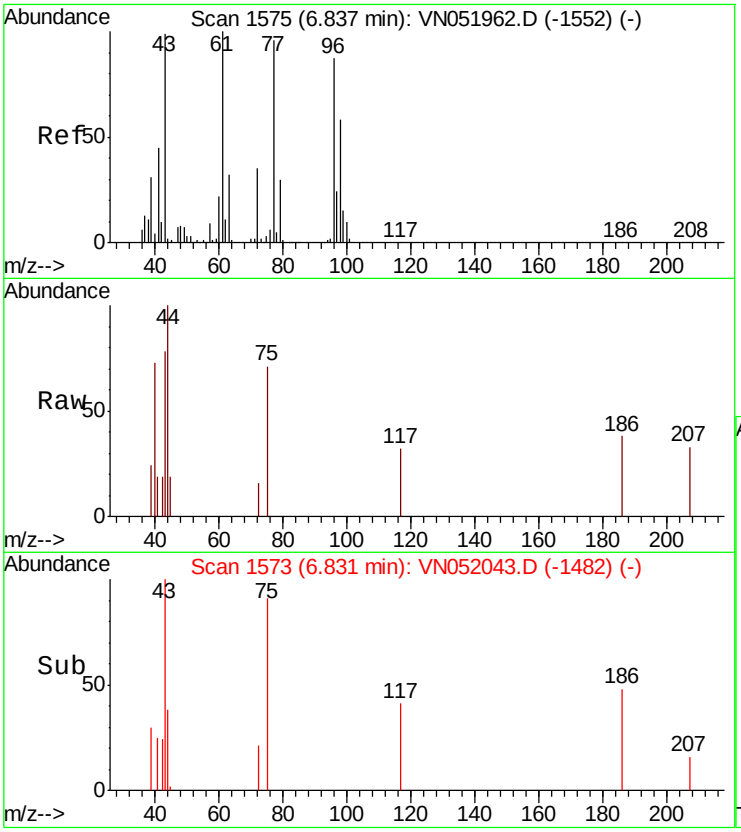


#20
Methylene Chloride
Concen: 1.272 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 84 Resp: 14602

Ion	Ratio	Lower	Upper
84	100		
49	90.0	75.4	113.0
51	28.9	23.1	34.7
86	65.5	50.2	75.4



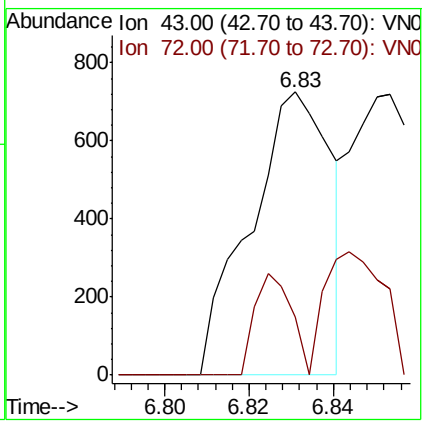


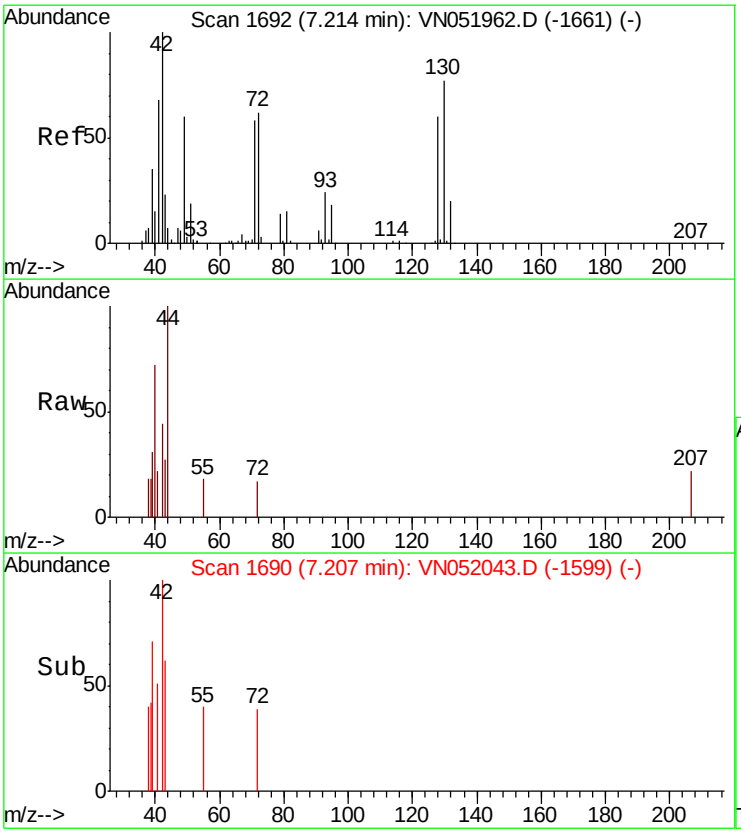
#25
2-Butanone
Concen: 0.343 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Tgt Ion: 43 Resp: 958

Ion	Ratio	Lower	Upper
43	100		
72	20.7	28.5	42.7#

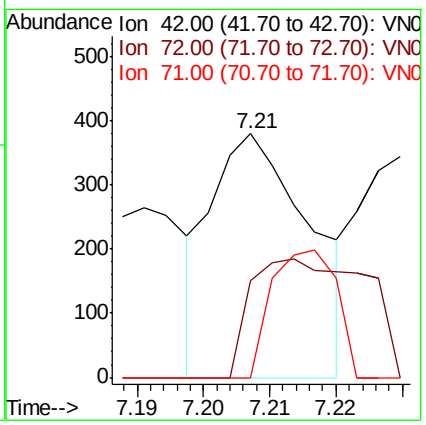


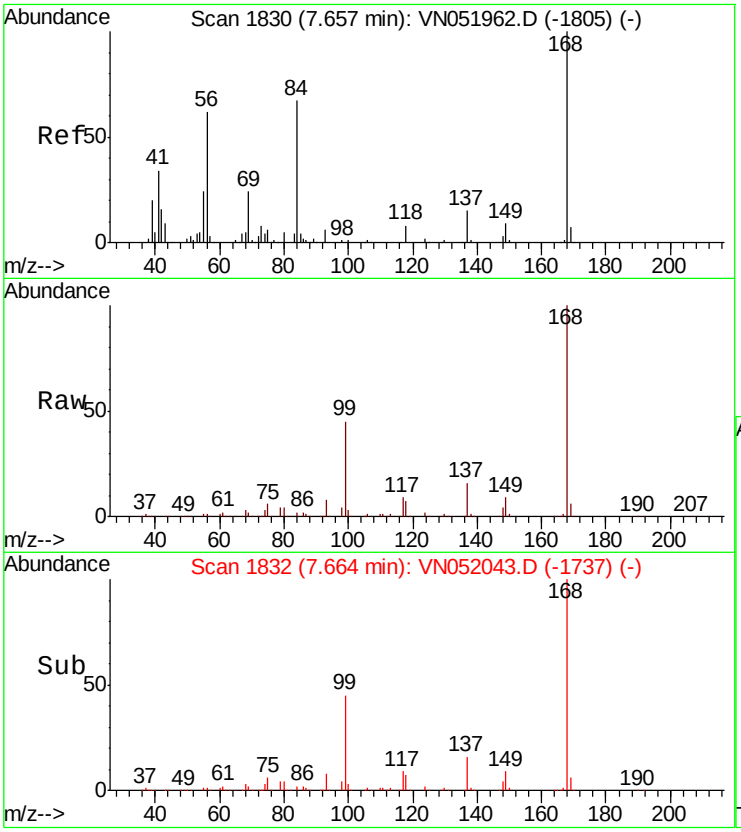


#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 42 Resp: 390

Ion	Ratio	Lower	Upper
42	100		
72	57.4	47.5	71.3
71	34.6	45.4	68.2#



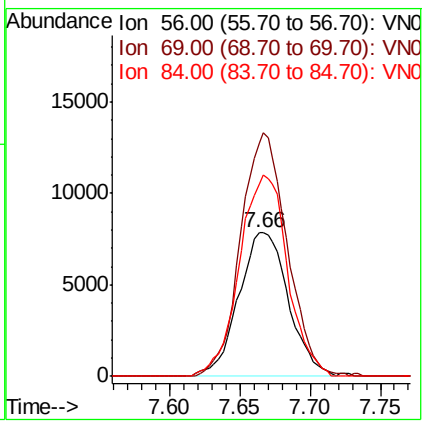


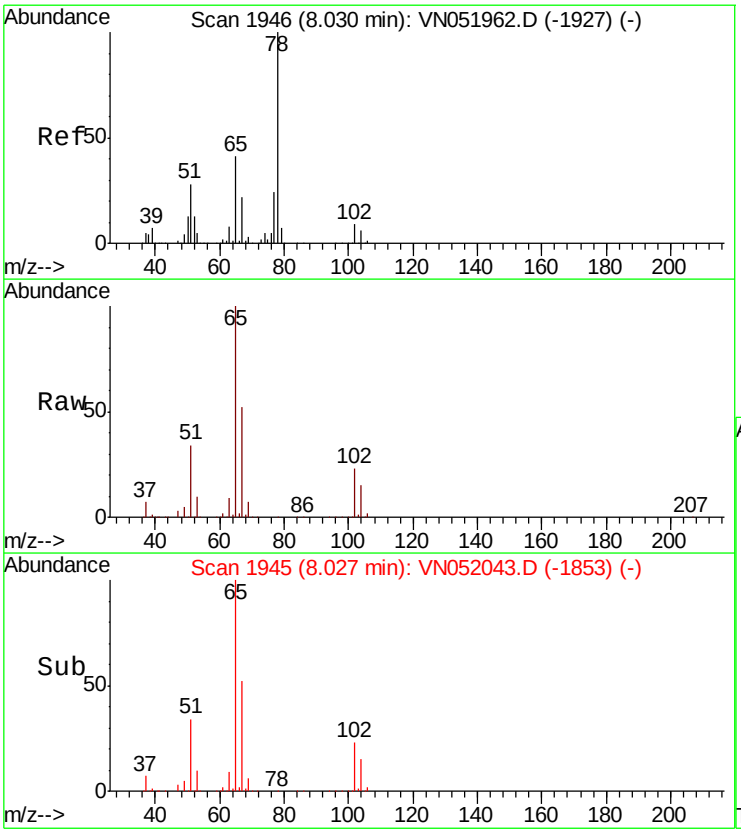
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Tgt Ion: 56 Resp: 19374

Ion	Ratio	Lower	Upper
56	100		
69	163.0	31.2	46.8#
84	134.5	86.3	129.5#

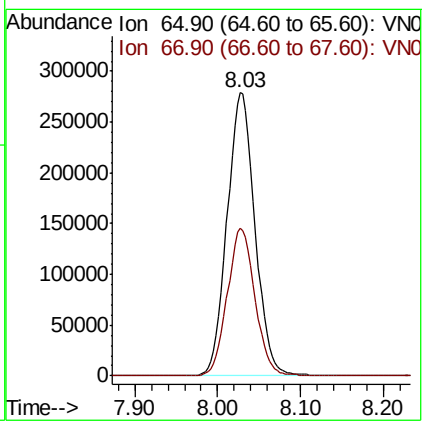


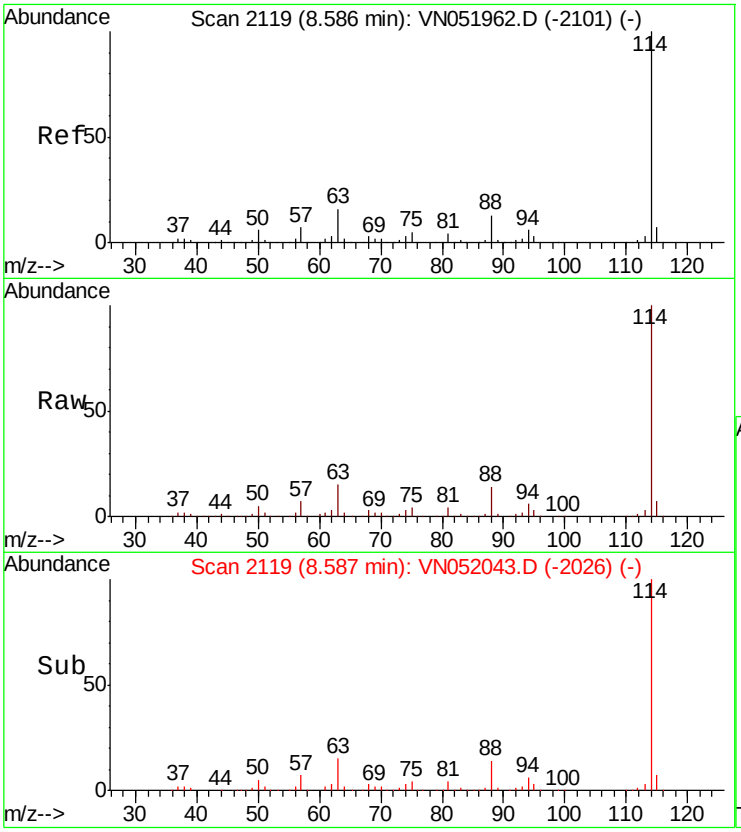


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 65 Resp: 654168

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.8



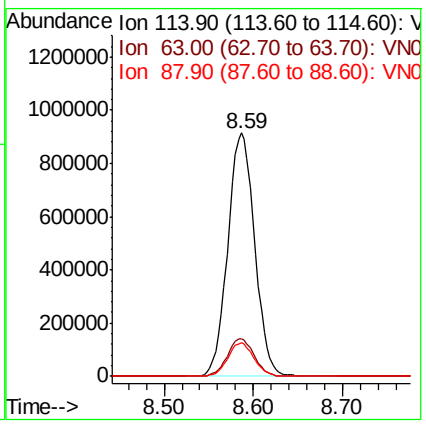


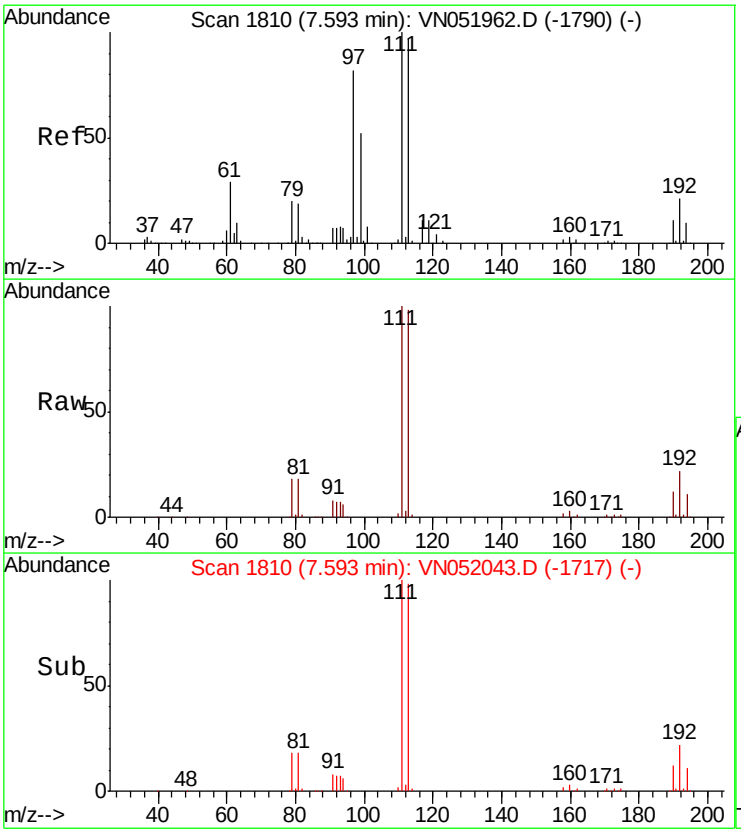
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:114 Resp: 1905781

Ion	Ratio	Lower	Upper
114	100		
63	15.3	0.0	31.2
88	13.8	0.0	27.0

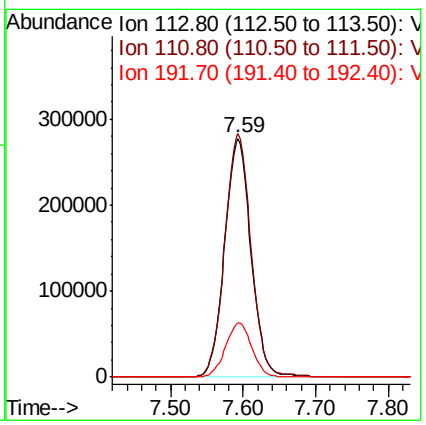


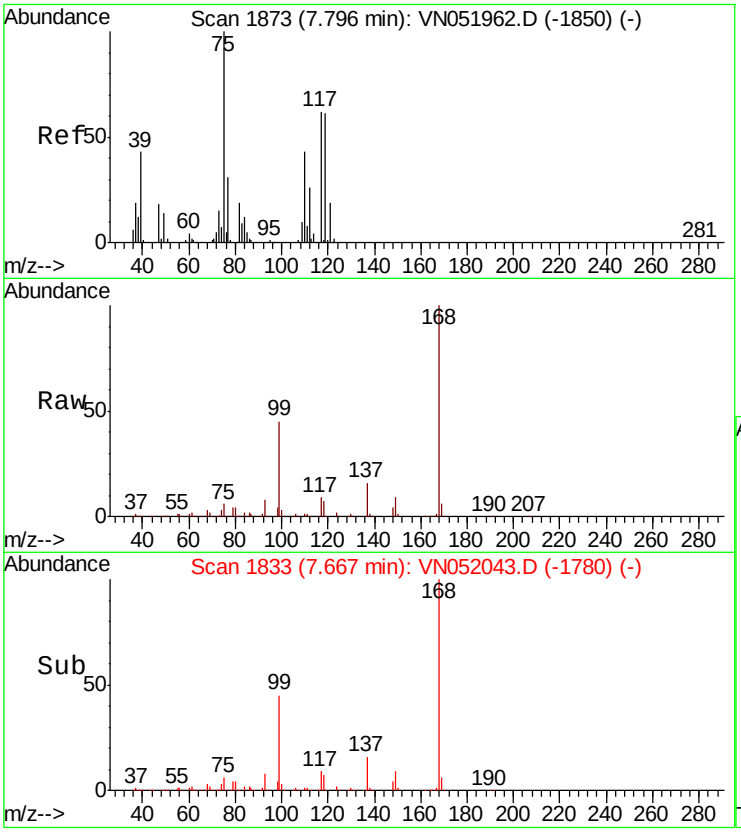


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion:113 Resp: 700514

Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.7	17.2	25.8



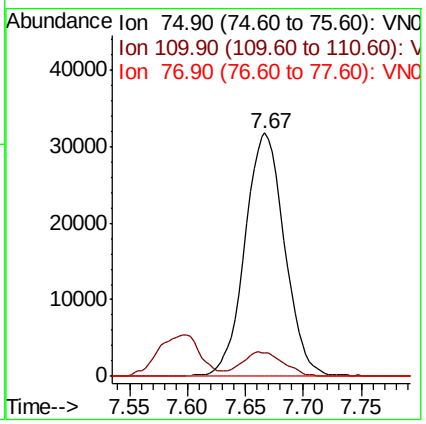


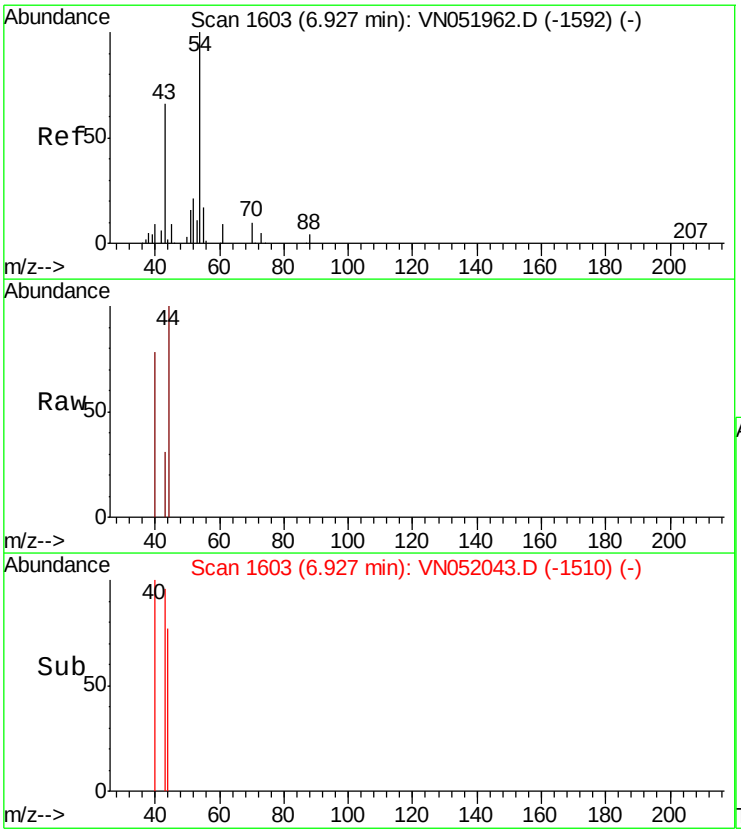
#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 75 Resp: 75795

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.9	62.8#
77	0.0	24.9	37.3#

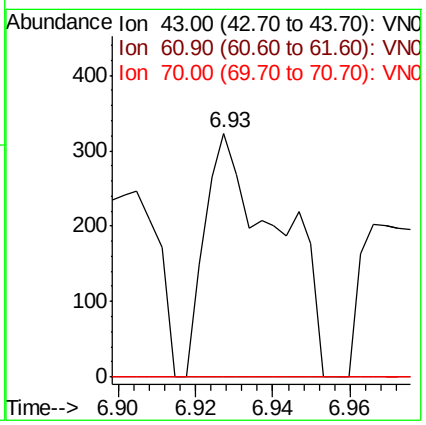


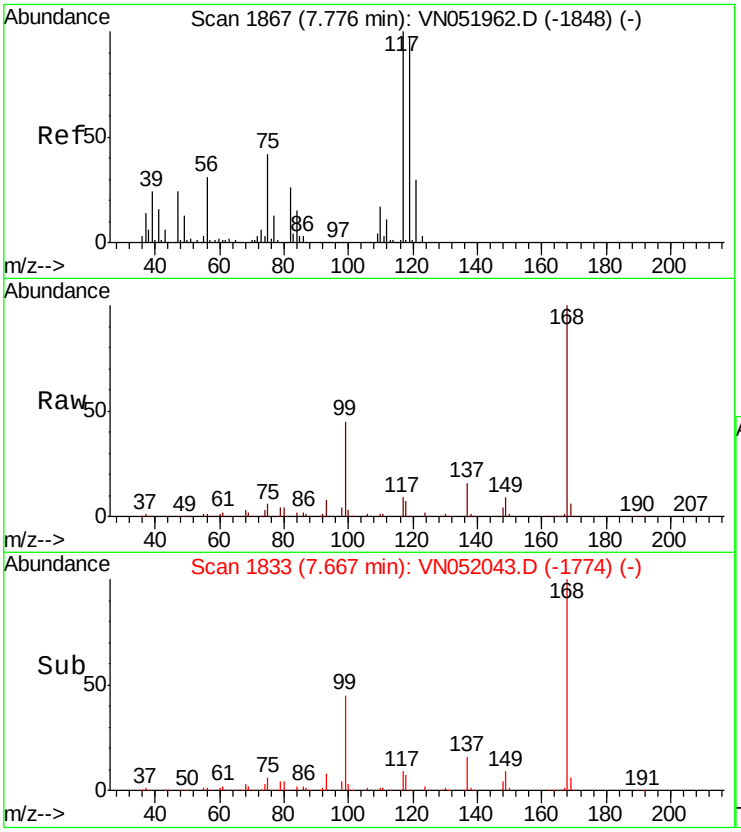


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 43 Resp: 423

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.5	20.3#
70	0.0	9.8	14.6#



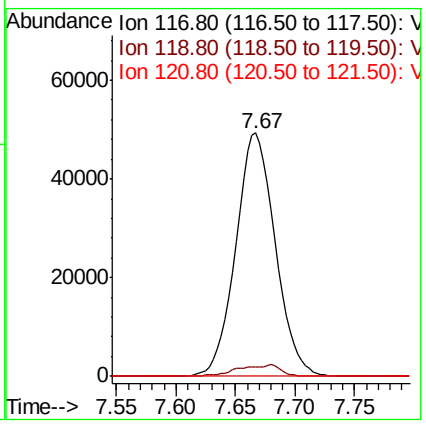


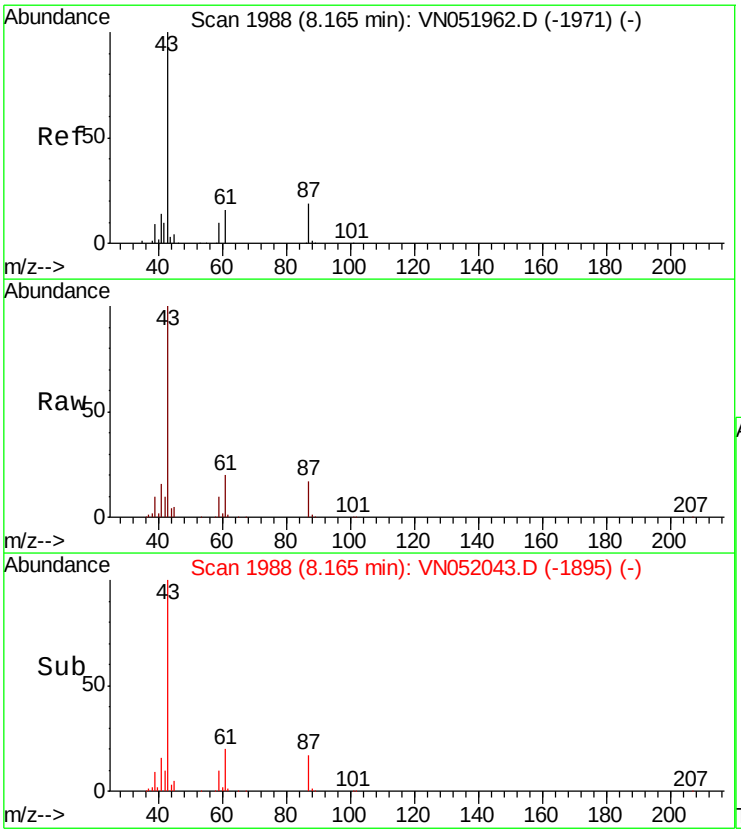
#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:117 Resp: 113278

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.4	116.0#
121	0.0	24.2	36.4#

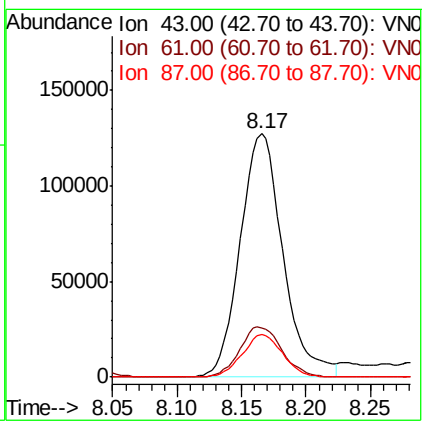


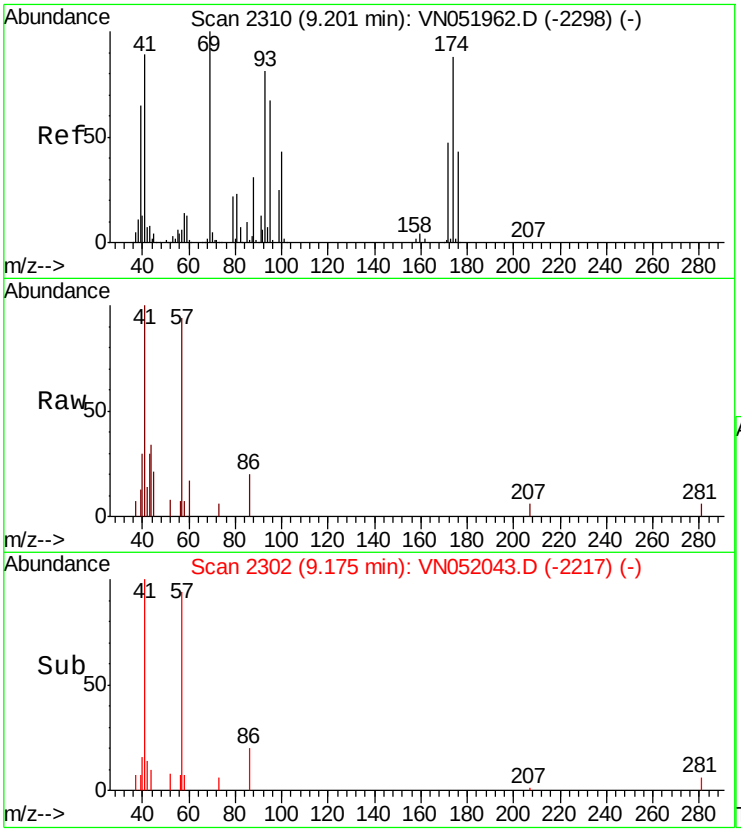


#43
Isopropyl Acetate
Concen: 23.923 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 43 Resp: 292895

Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.2	25.8
87	16.7	15.2	22.8



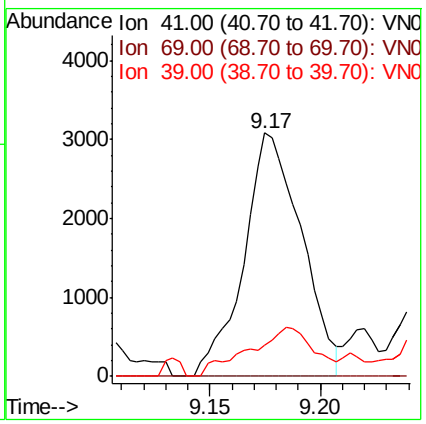


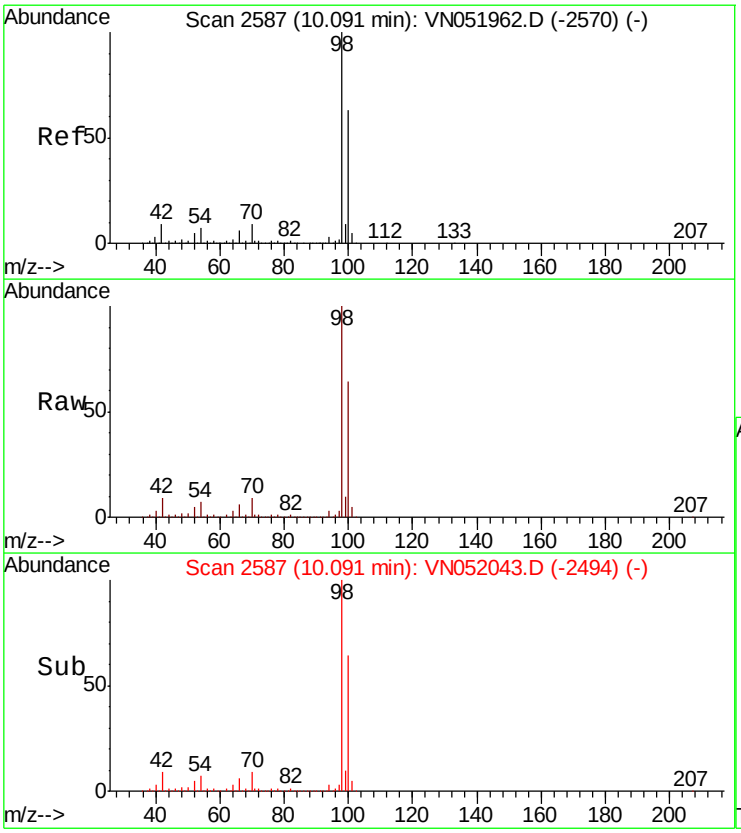
#48
Methyl methacrylate
Concen: 0.945 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Tgt Ion: 41 Resp: 5592

Ion	Ratio	Lower	Upper
41	100		
69	0.0	92.2	138.4#
39	22.8	60.2	90.4#

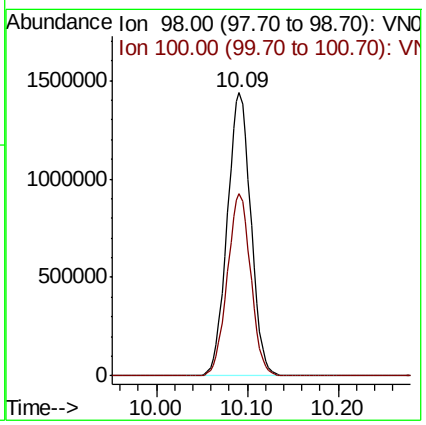


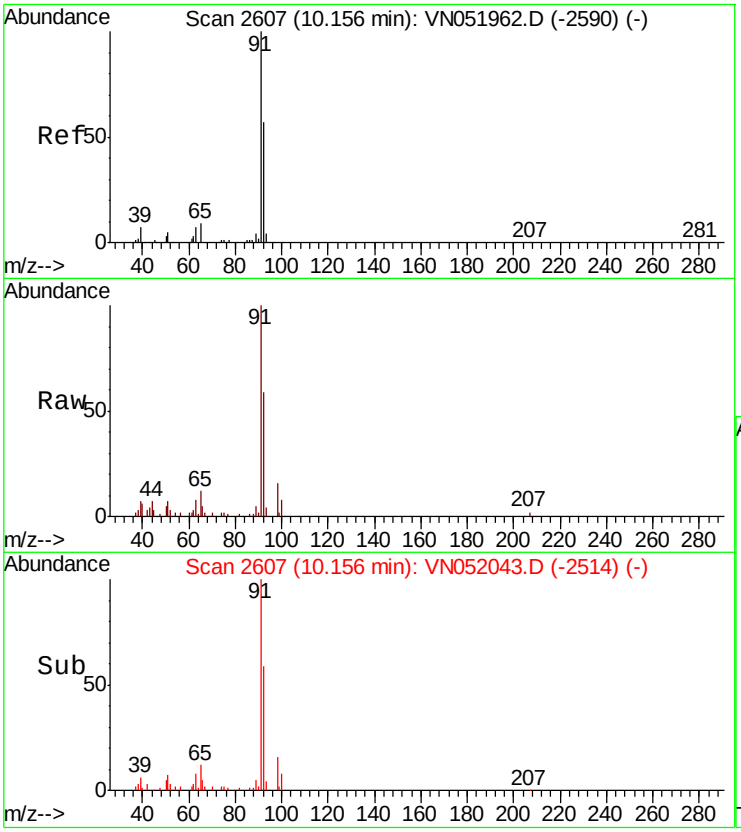


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 98 Resp: 2588167

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1



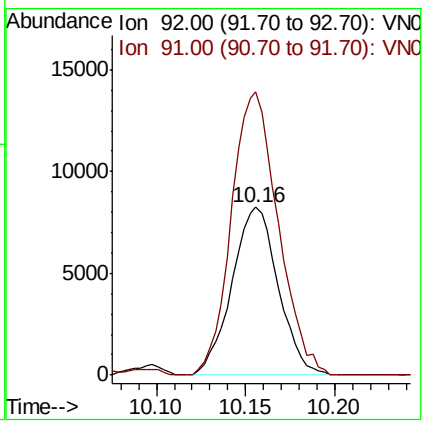


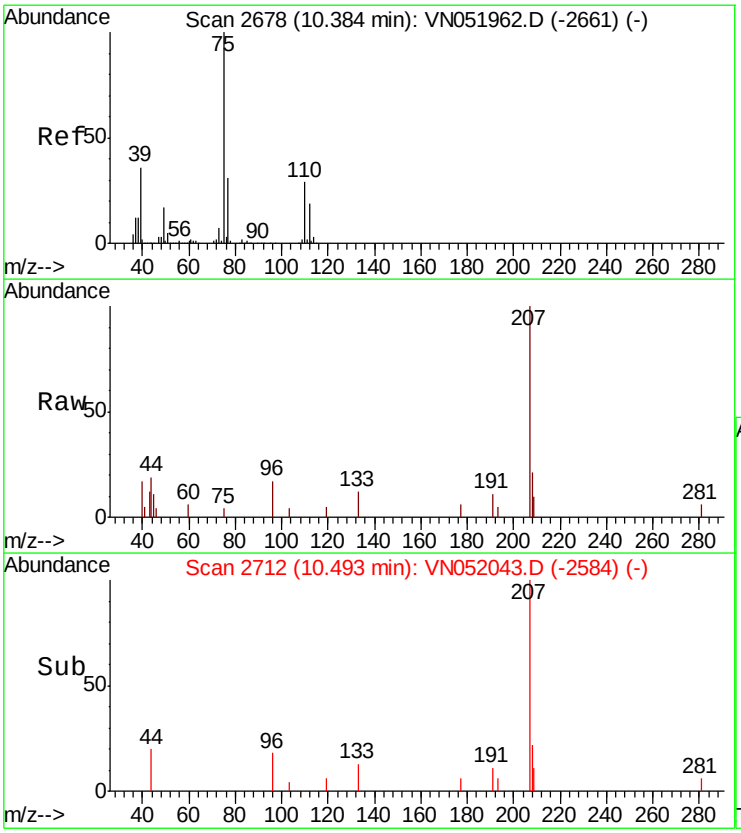
#52
Toluene
Concen: 0.508 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 92 Resp: 14938

Ion	Ratio	Lower	Upper
92	100		
91	170.7	139.8	209.6

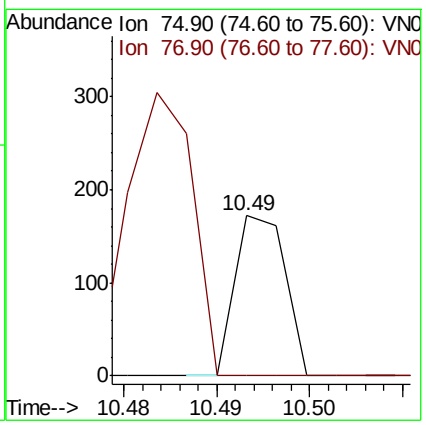


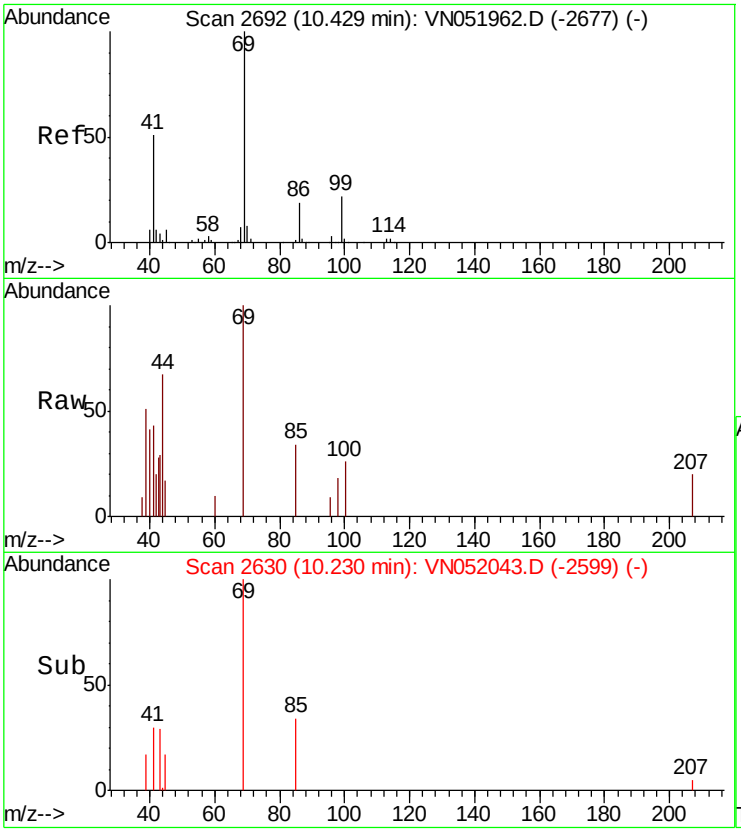


#53
t-1,3-Dichloropropene
Concen: 1.248 ug/l
RT: 10.49 min Scan# 2712
Delta R.T. 0.11 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 75 Resp: 64

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#



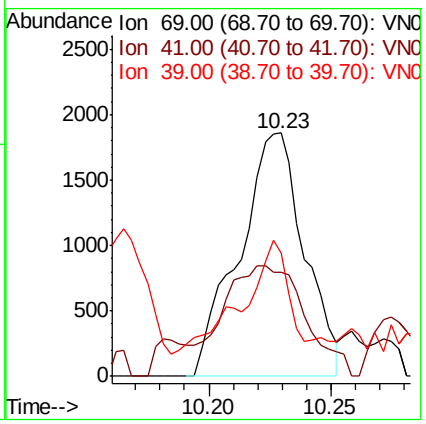


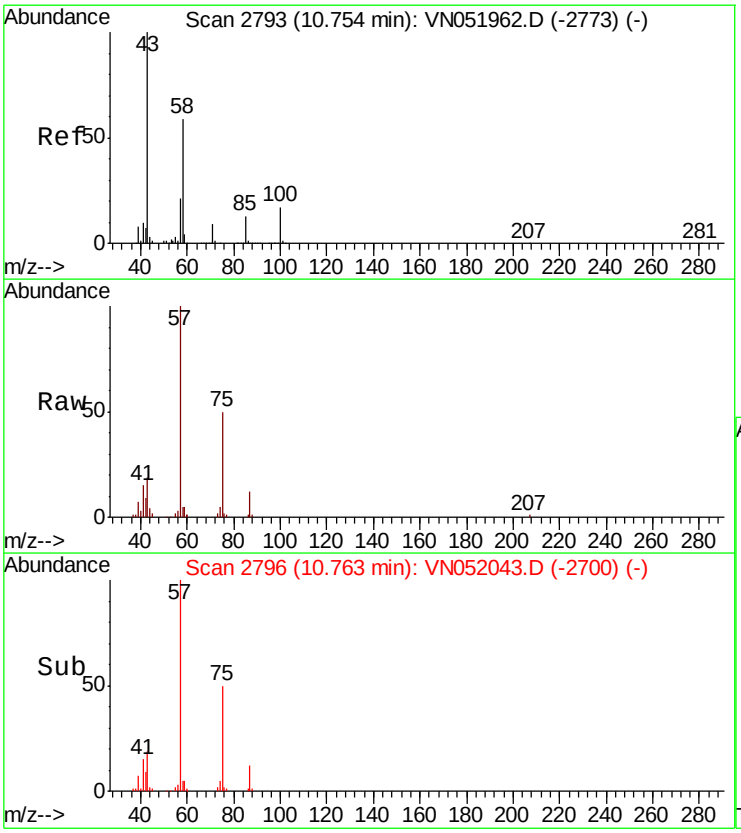
#56
Ethyl methacrylate
Concen: 0.294 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument : MSVOA_N
ClientSampleId : SU-01-102518-B

Tgt Ion: 69 Resp: 3442

Ion	Ratio	Lower	Upper
69	100		
41	56.8	40.7	61.1
39	33.4	29.3	43.9

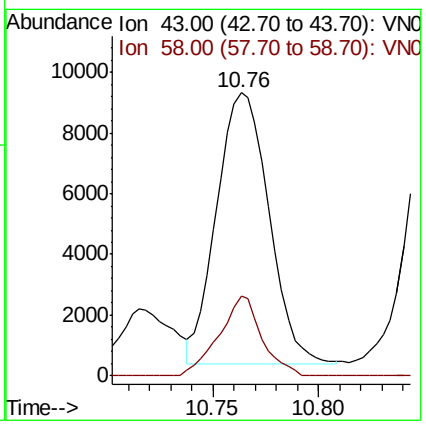


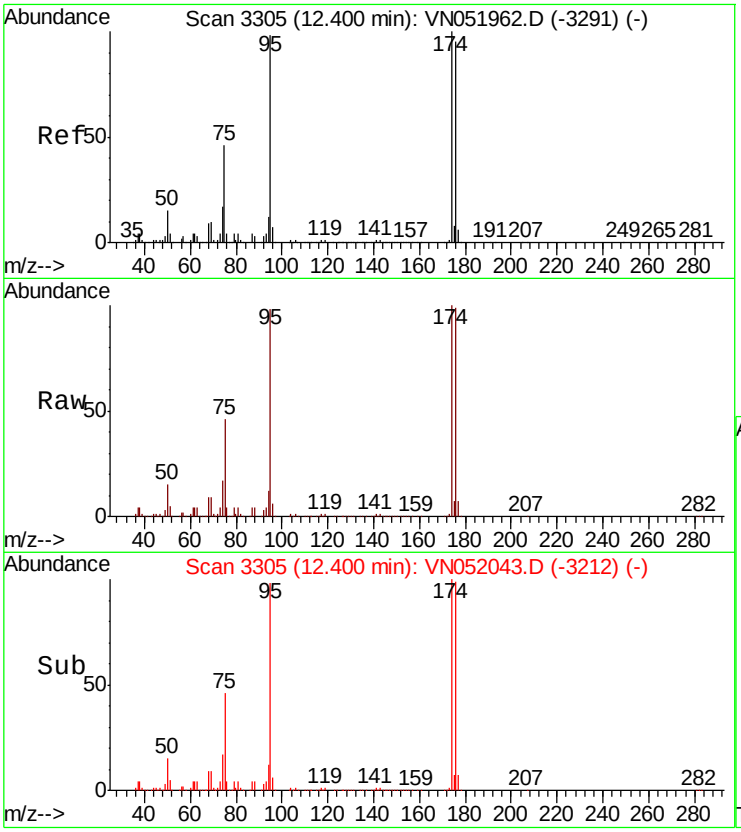


#59
2-Hexanone
Concen: 3.403 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 43 Resp: 15398

Ion	Ratio	Lower	Upper
43	100		
58	23.8	29.9	89.8#



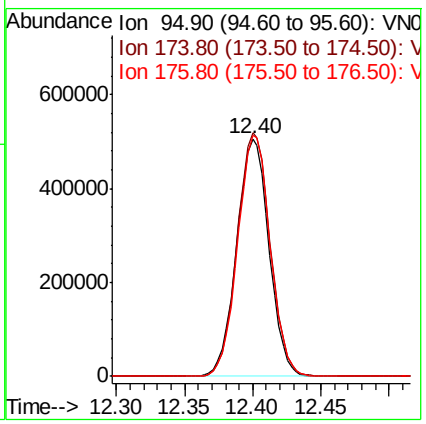


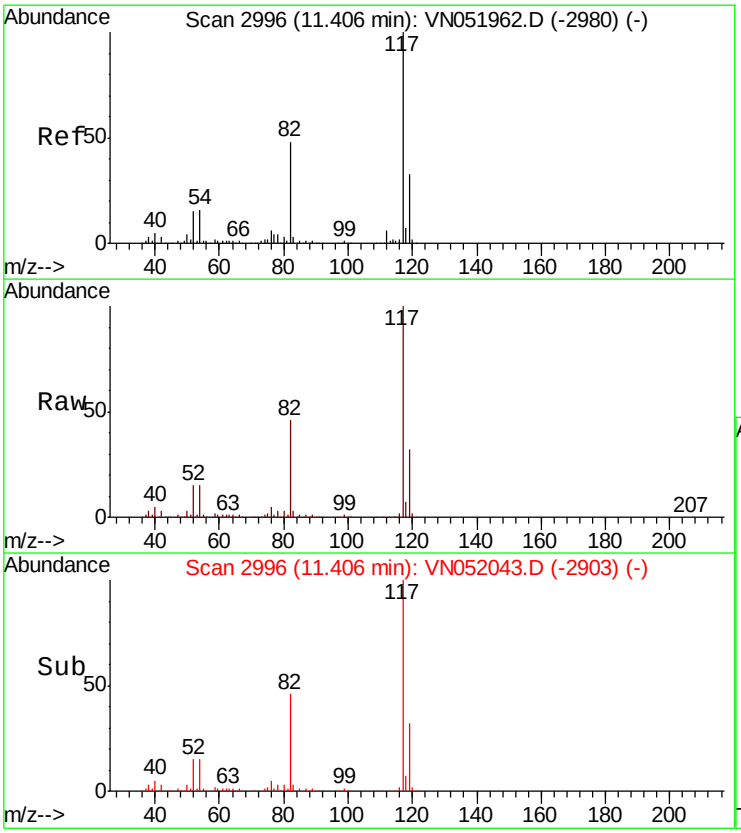
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 95 Resp: 829376

Ion	Ratio	Lower	Upper
95	100		
174	104.8	0.0	206.0
176	102.0	0.0	198.0

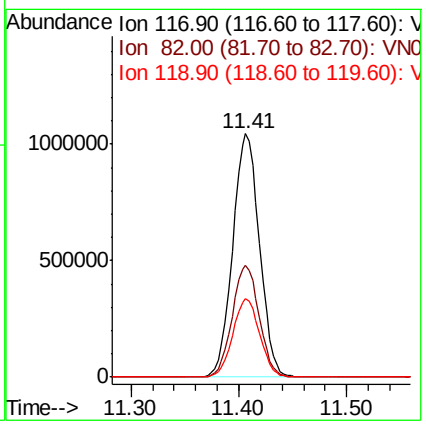


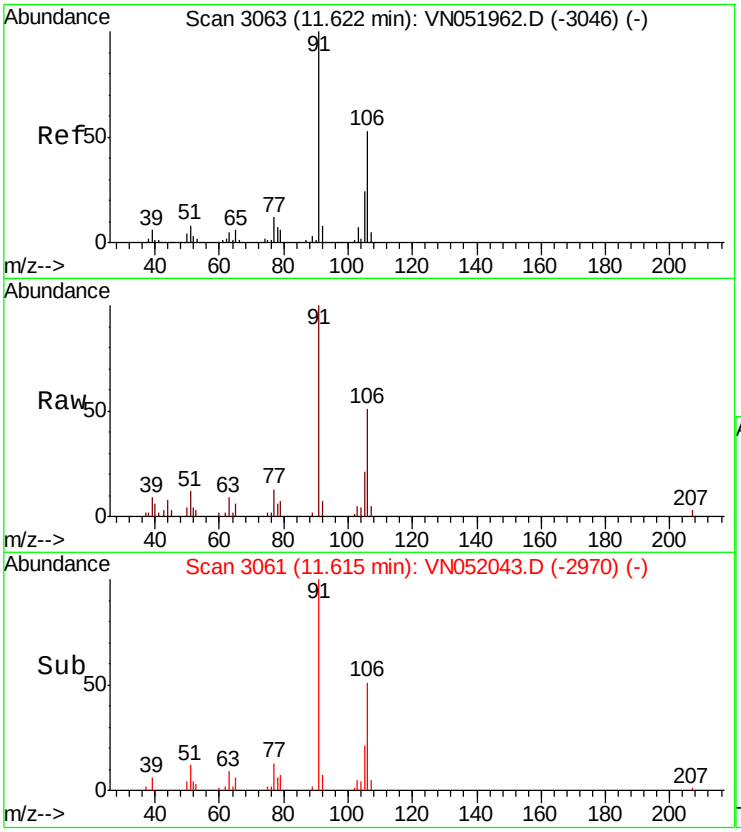


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion:117 Resp: 1805434

Ion	Ratio	Lower	Upper
117	100		
82	45.7	38.1	57.1
119	32.2	26.4	39.6



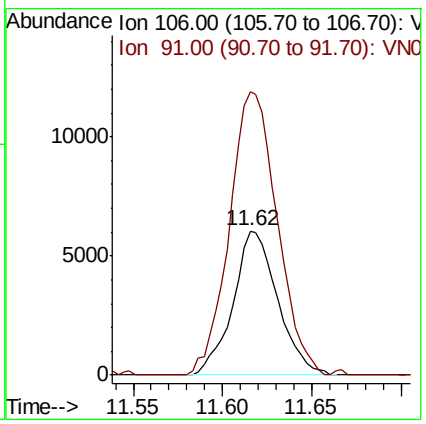


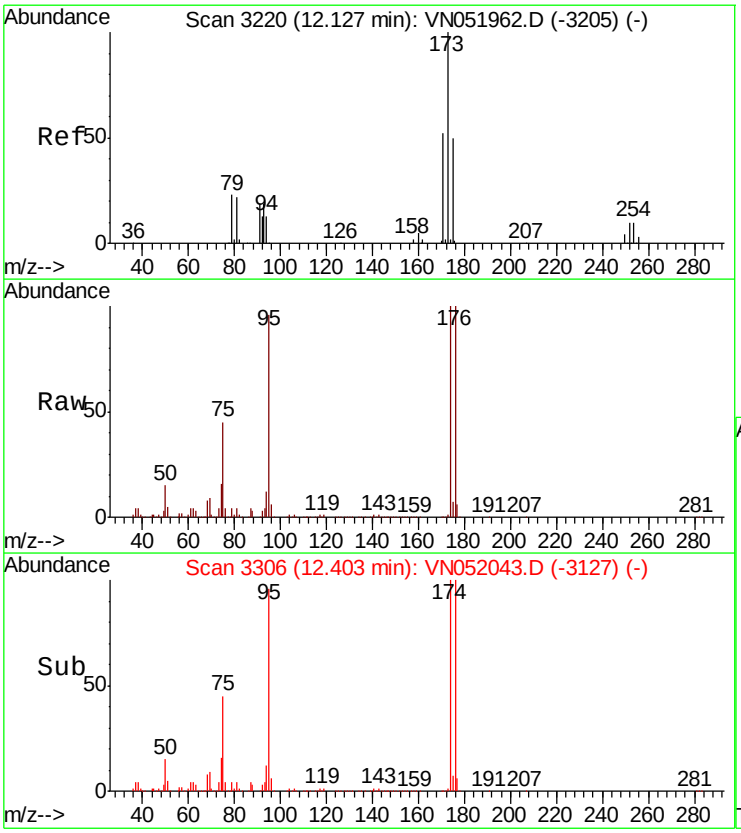
#68
m/p-Xylenes
Concen: 0.453 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:106 Resp: 10594

Ion	Ratio	Lower	Upper
106	100		
91	209.5	152.2	228.2

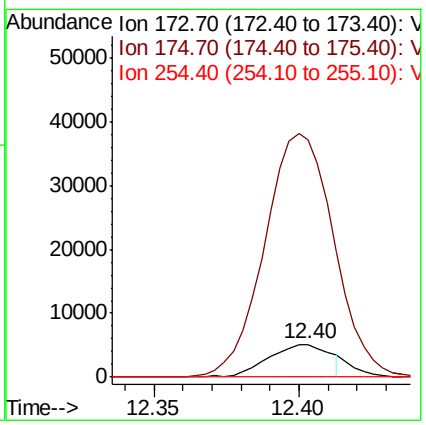


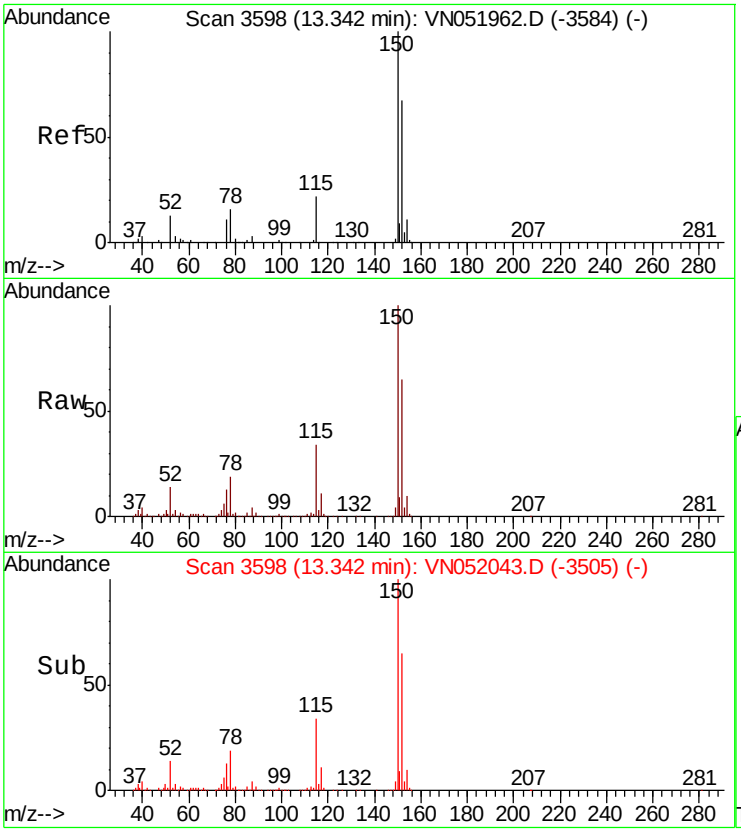


#71
Bromoform
Concen: 4.416 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion:173 Resp: 7567

Ion	Ratio	Lower	Upper
173	100		
175	759.7	24.6	74.0#
254	0.0	0.1	0.1#



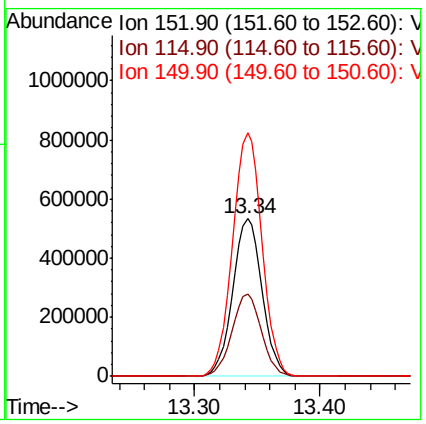


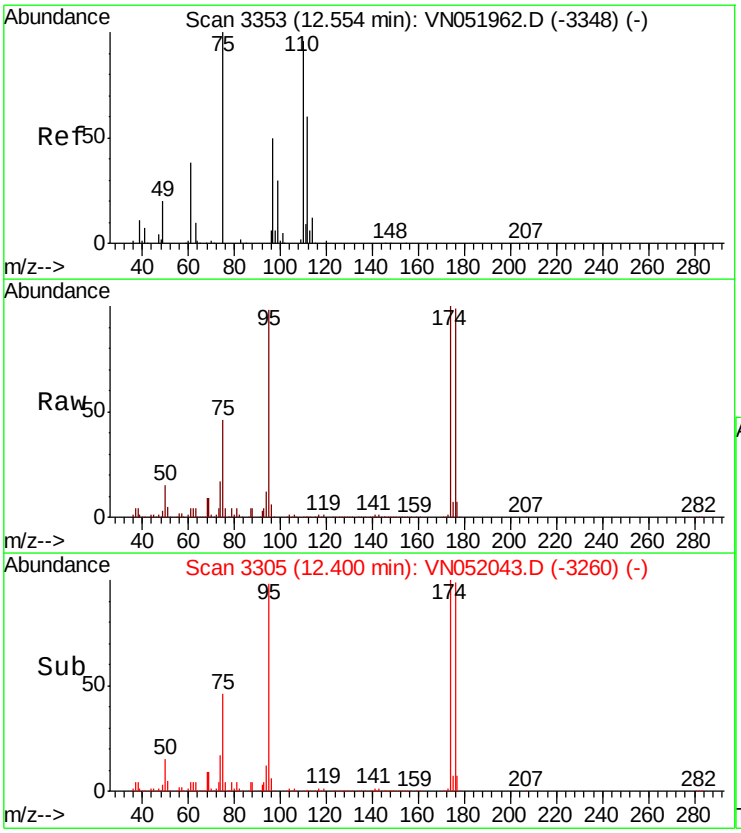
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:152 Resp: 863806

Ion	Ratio	Lower	Upper
152	100		
115	52.4	25.8	77.3
150	155.4	0.0	344.4

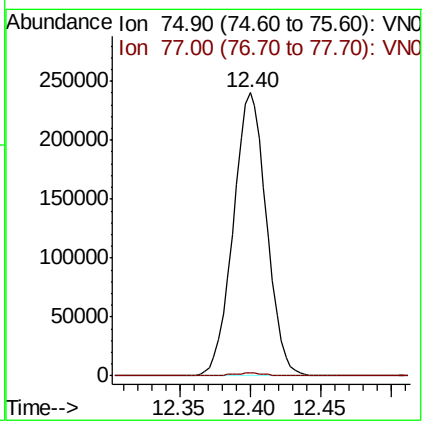


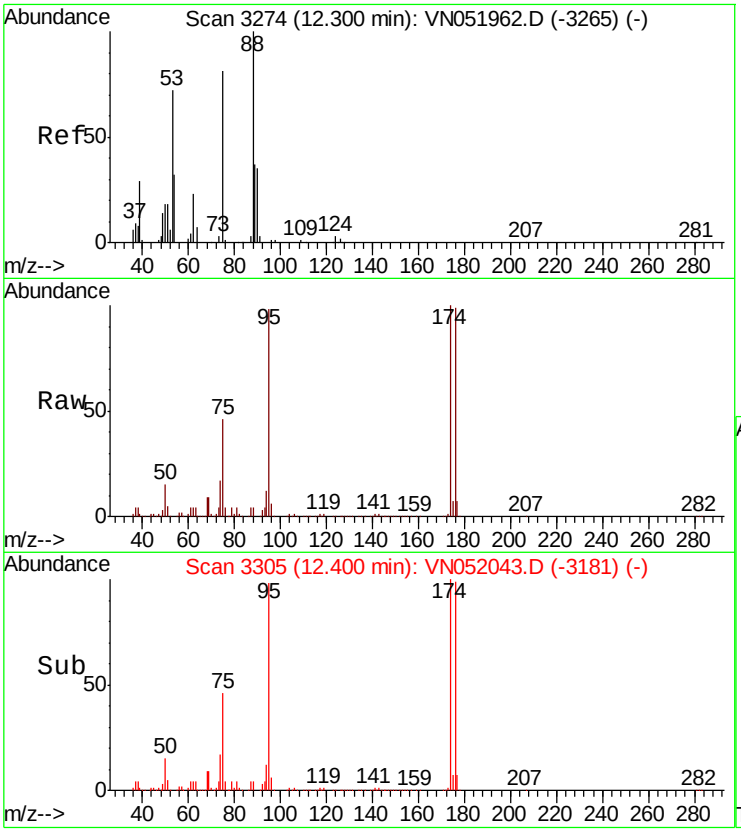


#76
1,2,3-Trichloropropane
Concen: 44.378 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion: 75 Resp: 395966

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



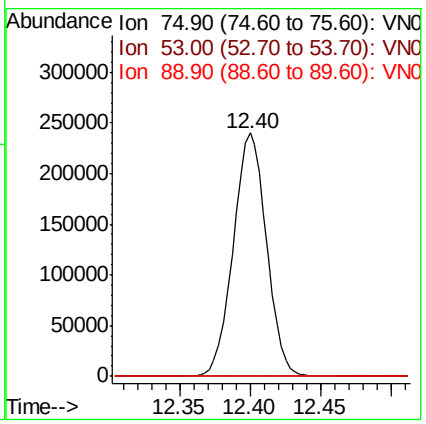


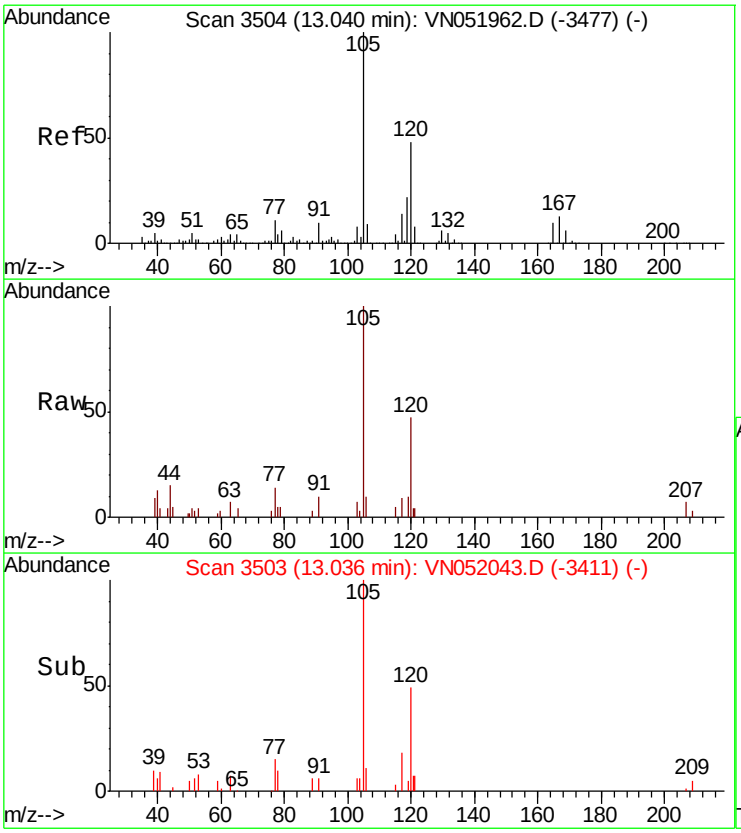
#81
trans-1,4-Dichloro-2-butene
Concen: 139.697 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion: 75 Resp: 395966

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.5	110.3#
89	0.0	41.6	62.4#

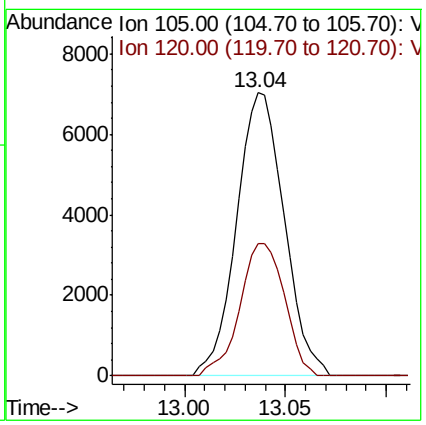


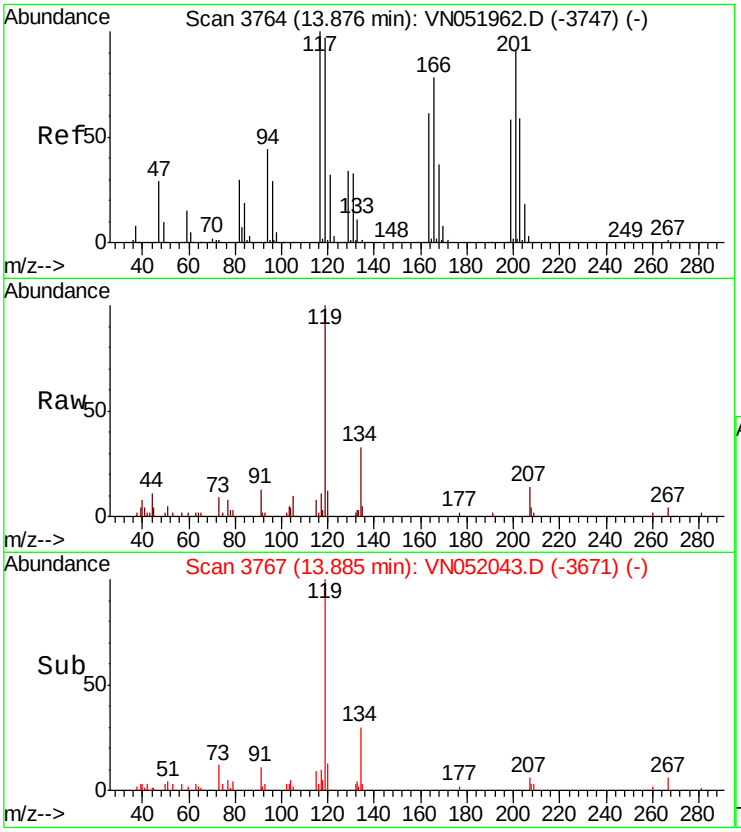


#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion:105 Resp: 11637

Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.8	71.5



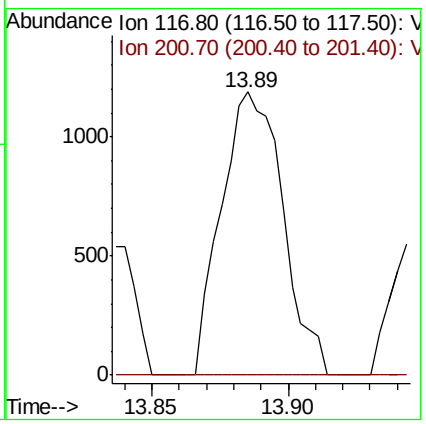


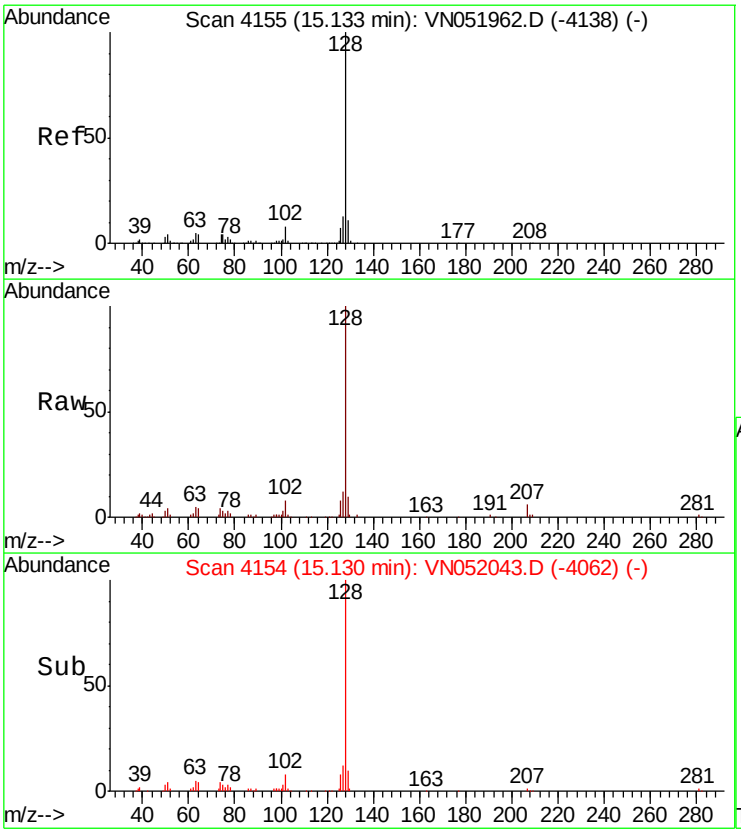
#90
Hexachloroethane
Concen: 0.256 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Instrument :
MSVOA_N
ClientSampleId :
SU-01-102518-B

Tgt Ion:117 Resp: 1861

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.6	136.9#





#95
Naphthalene
Concen: 3.279 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052043.D
Acq: 26 Oct 2018 21:53

Tgt Ion:128 Resp: 113489

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0