Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080918\
Data File : VN050493.D
Acq On : 9 Aug 2018 18:20
Operator : MD\SY
Sample : J4392-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Aug 10 04:05:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	718435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1160400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1012052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	481134	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.24%			
35) Dibromofluoromethane	7.59	113	439593	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.42%			
50) Toluene-d8	10.09	98	1593106	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.02%			
62) 4-Bromofluorobenzene	12.40	95	479578	40.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.38%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	3429	Below Cal		99
5) Bromomethane	2.57	94	5206	1.21	ug/l	93
11) Tert butyl alcohol	4.79	59	155	0.20	ug/l #	72
13) Acrolein	3.63	56	31	15.06	ug/l #	15
14) Allyl chloride	4.55	41	8941	0.72	ug/l #	24
16) Acetone	3.82	43	24681	8.27	ug/l	99
18) Methyl Acetate	4.33	43	16266	2.00	ug/l #	69
20) Methylene Chloride	4.55	84	255550	28.52	ug/l	97
25) 2-Butanone	6.85	43	4598	0.97	ug/l	93
30) Chloroform	7.37	83	15070	0.96	ug/l	89
31) Cyclohexane	7.67	56	12638	0.29	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49002	3.84	ug/l #	48
38) Carbon Tetrachloride	7.67	117	63423	4.77	ug/l #	16
43) Isopropyl Acetate	8.17	43	311341	19.64	ug/l	96
44) Trichloroethene	8.84	130	14591	1.39	ug/l	94
47) Bromodichloromethane	9.40	83	3651	0.28	ug/l #	99
48) Methyl methacrylate	9.18	41	7600	0.96	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	2818	0.25	ug/l	97
56) Ethyl methacrylate	10.23	69	2600	1.90	ug/l	89
59) 2-Hexanone	10.77	43	21431	2.69	ug/l #	56
64) Tetrachloroethene	10.63	164	4964	0.52	ug/l	91
68) m/p-Xylenes	11.62	106	5958	0.38	ug/l	99
71) Bromoform	12.41	173	3680	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	226461	29.27	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	226461	102.83	ug/l #	13
95) Naphthalene	15.14	128	831455	40.88	ug/l	99

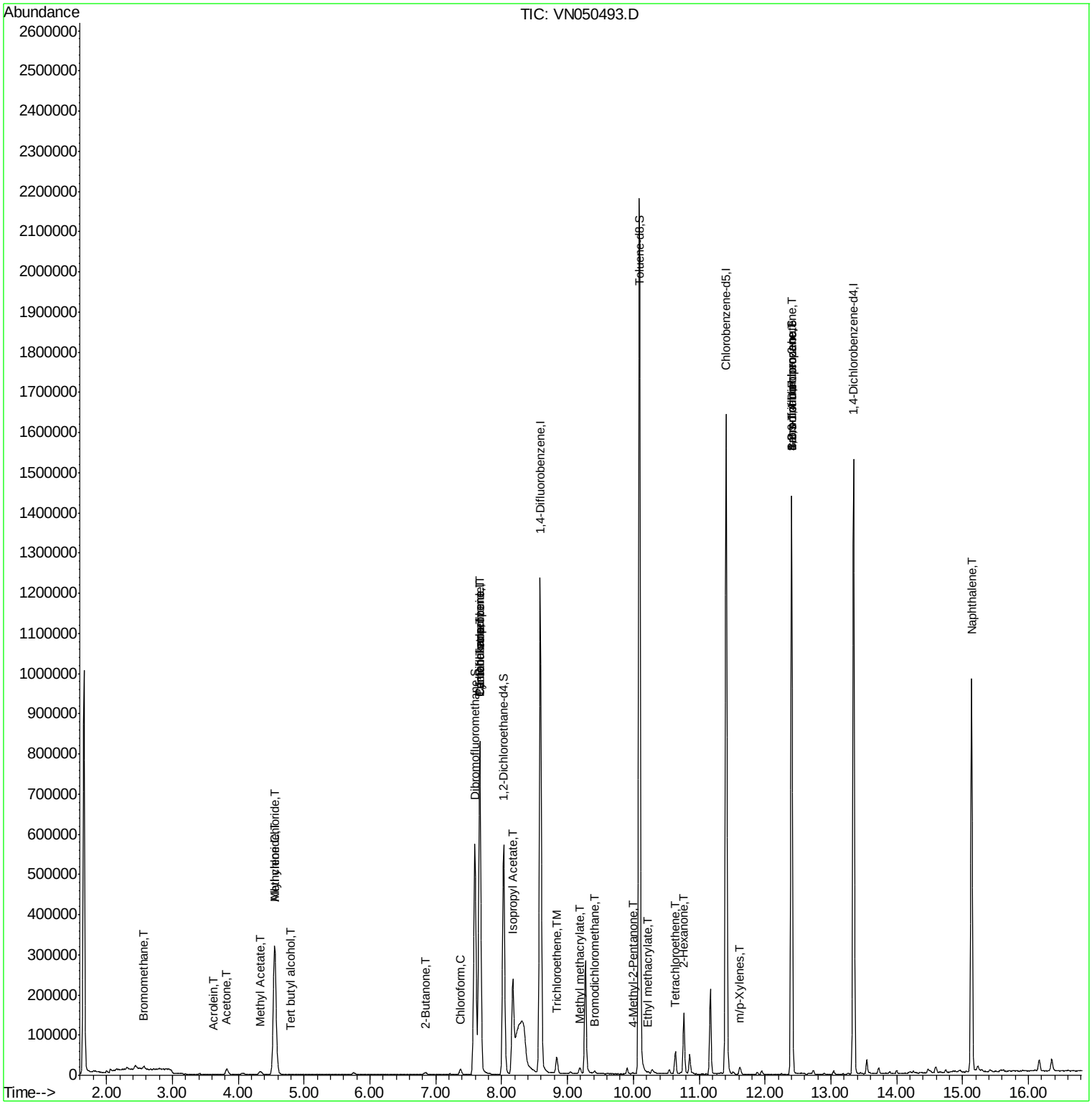
(#) = qualifier out of range (m) = manual integration (+) = signals summed

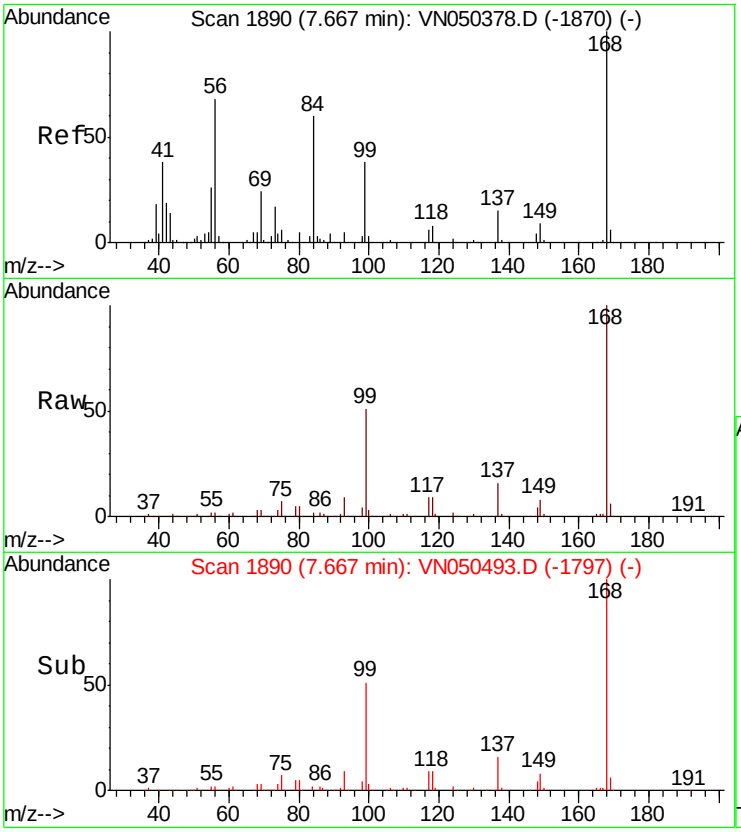
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080918\
Data File : VN050493.D
Acq On : 9 Aug 2018 18:20
Operator : MD\SY
Sample : J4392-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 10 04:05:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration



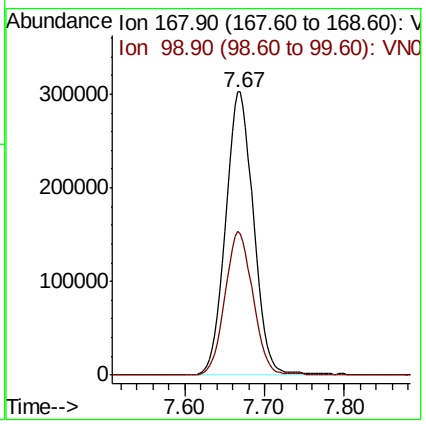


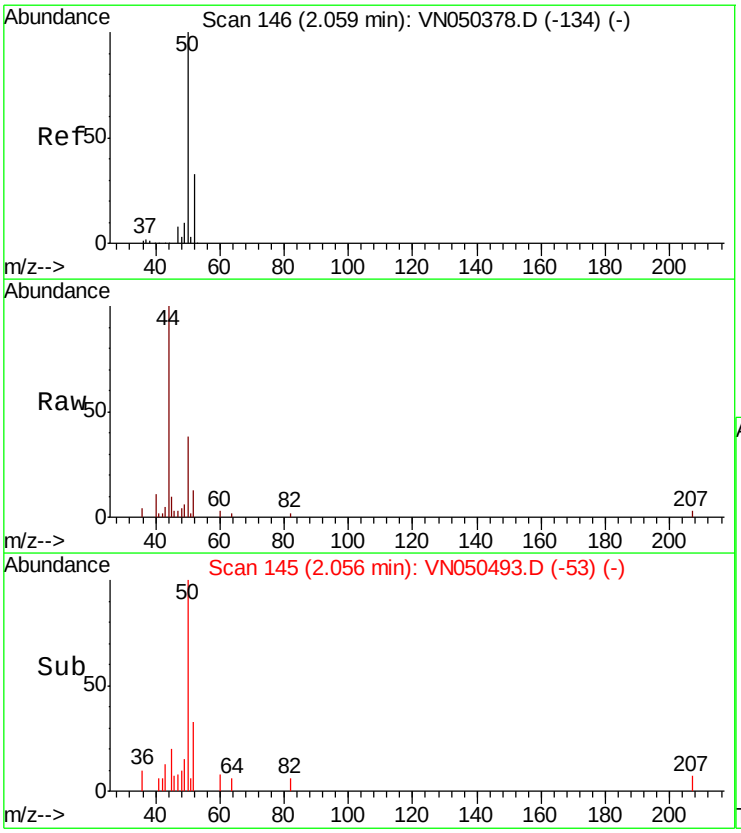
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 718435

Ion	Ratio	Lower	Upper
168	100		
99	50.6	40.0	60.0

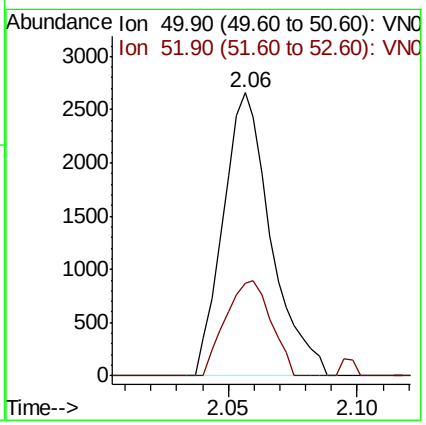


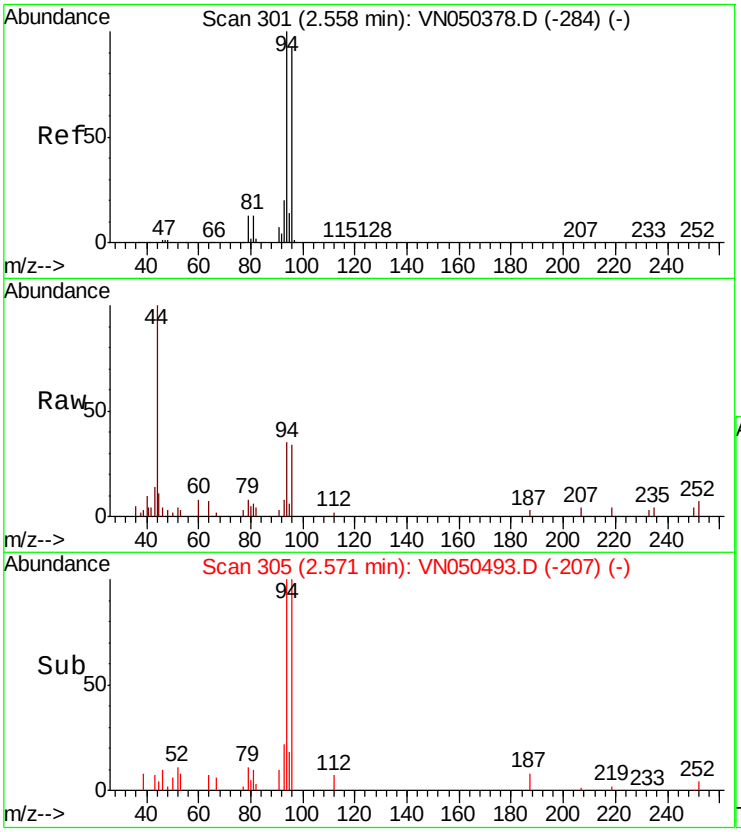


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 50 Resp: 3429

Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.9	38.9



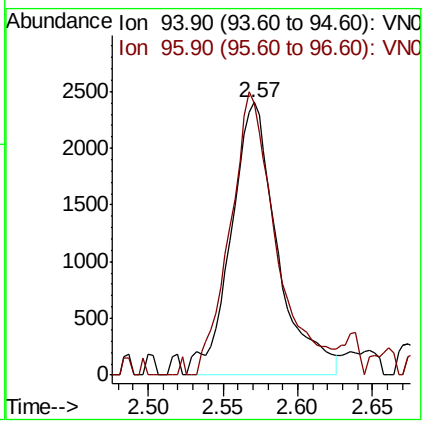


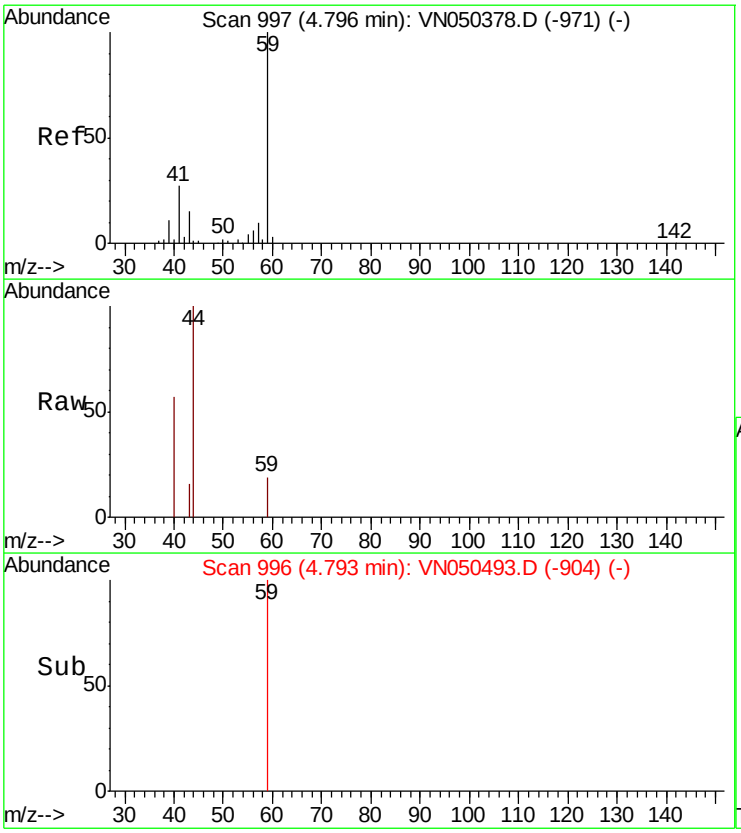
#5
Bromomethane
Concen: 1.21 ug/l
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 5206

Ion	Ratio	Lower	Upper
94	100		
96	99.9	74.6	112.0

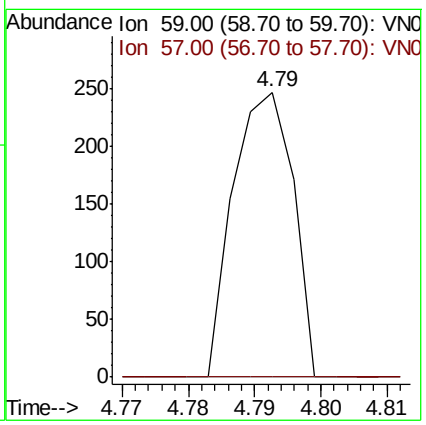


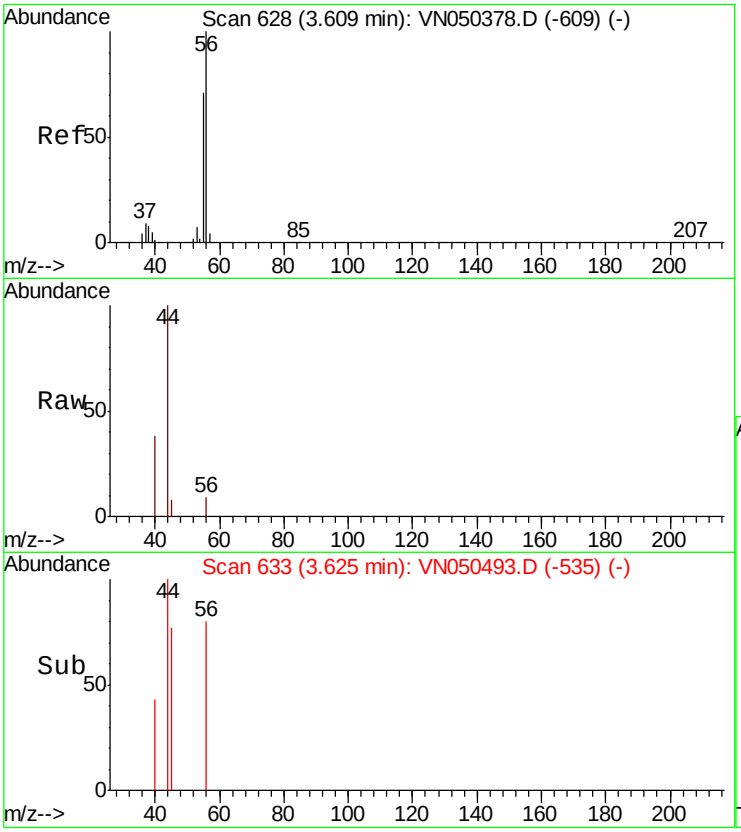


#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 59 Resp: 155

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



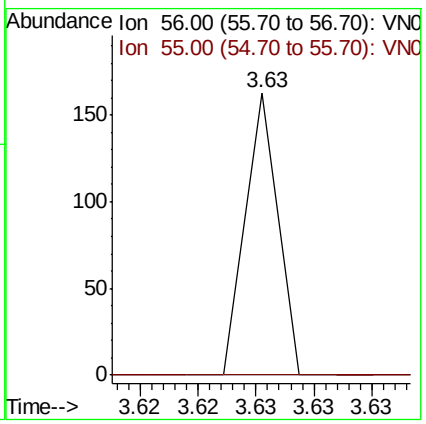


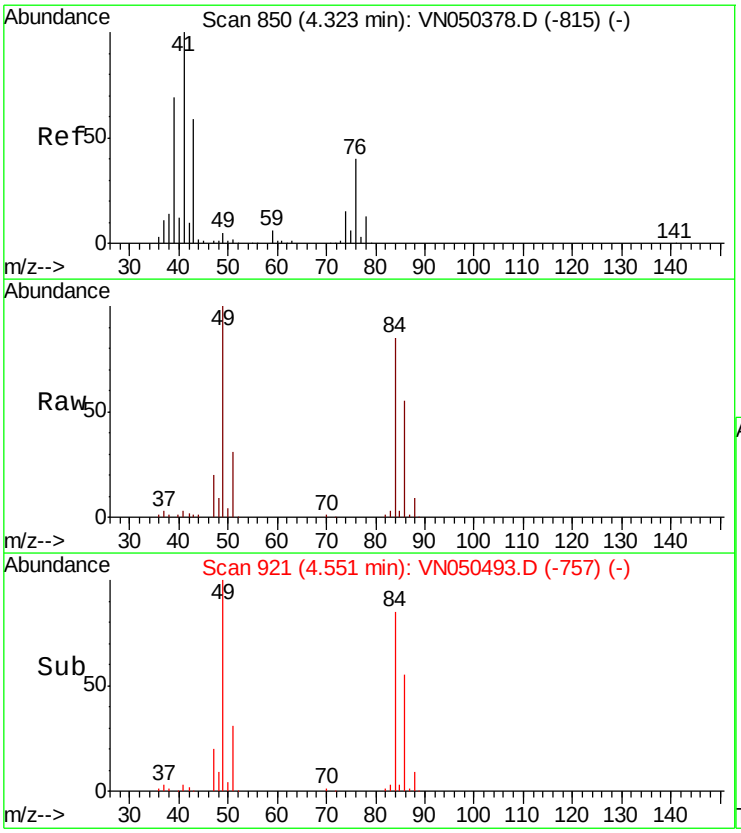
#13
Acrolein
Concen: 15.06 ug/l
RT: 3.63 min Scan# 633
Delta R.T. 0.02 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.6#

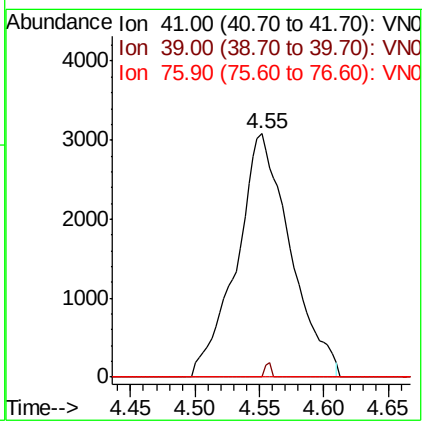


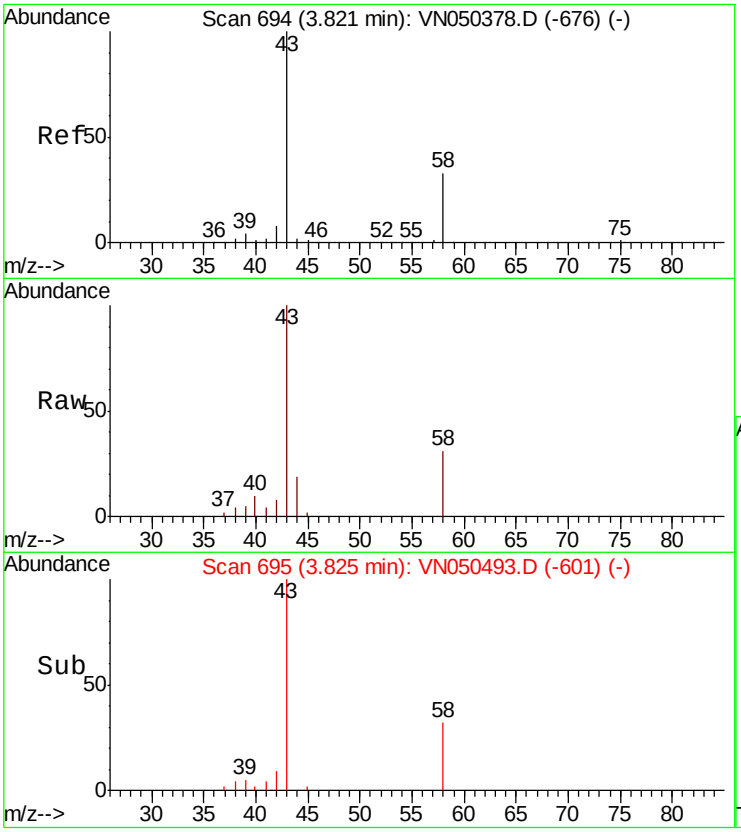


#14
Allyl chloride
Concen: 0.72 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 41 Resp: 8941

Ion	Ratio	Lower	Upper
41	100		
39	0.7	54.2	81.4#
76	0.0	29.0	43.6#



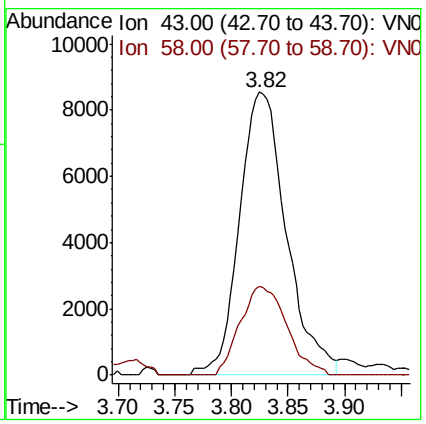


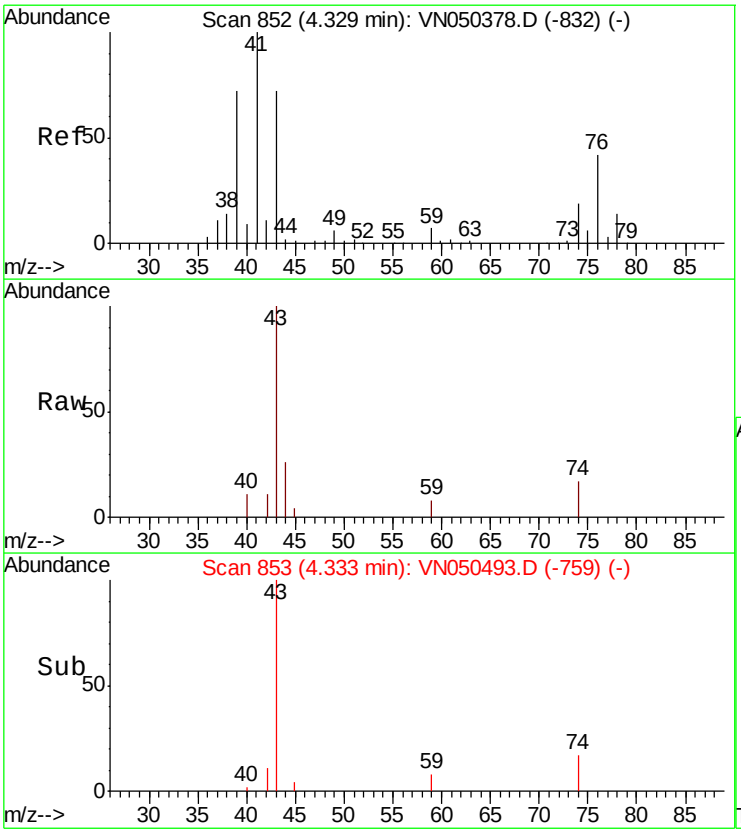
#16
Acetone
Concen: 8.27 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 24681

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.8	38.8

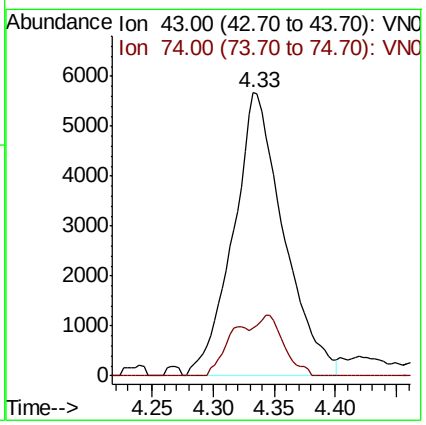


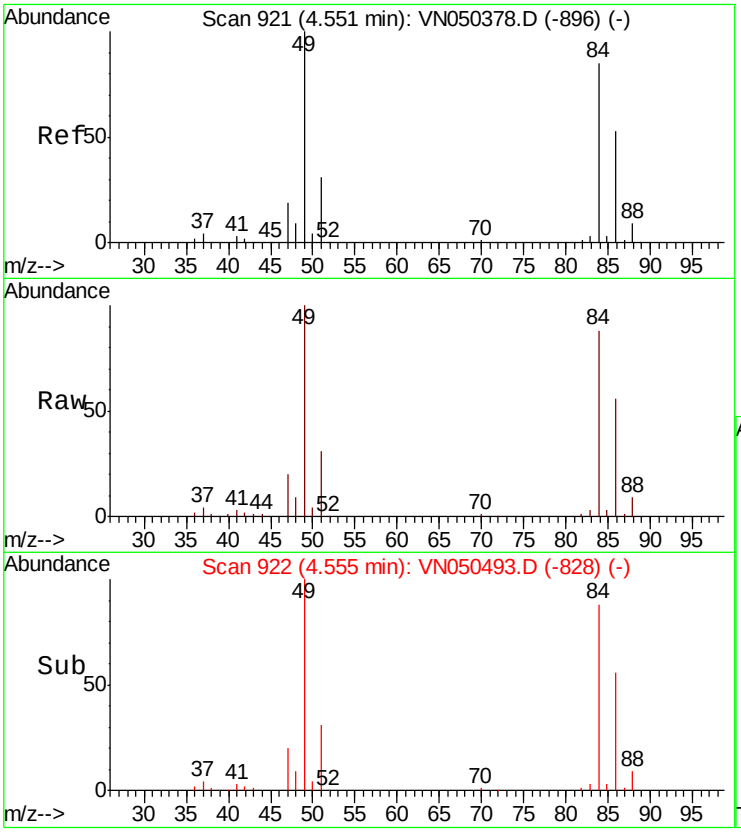


#18
Methyl Acetate
Concen: 2.00 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 43 Resp: 16266

Ion	Ratio	Lower	Upper
43	100		
74	8.8	19.2	28.8#



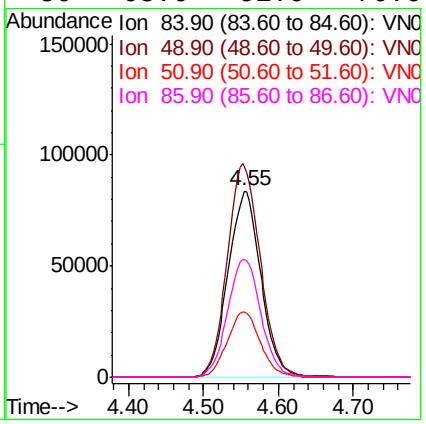


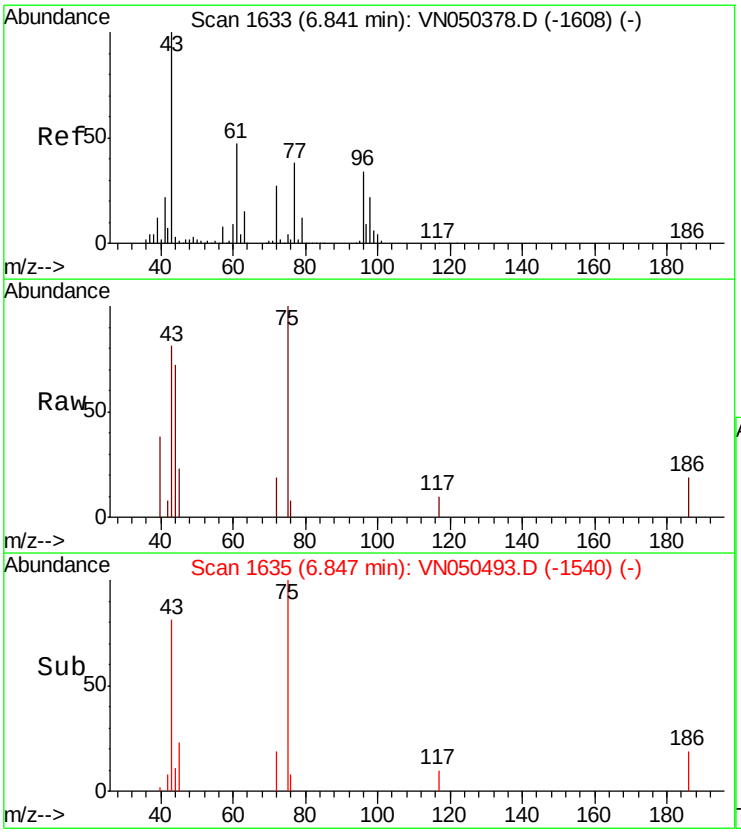
#20
Methylene Chloride
Concen: 28.52 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 255550

Ion	Ratio	Lower	Upper
84	100		
49	113.7	94.8	142.2
51	34.8	28.3	42.5
86	63.6	51.0	76.6

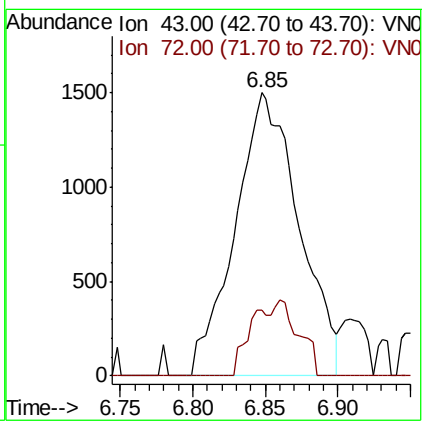


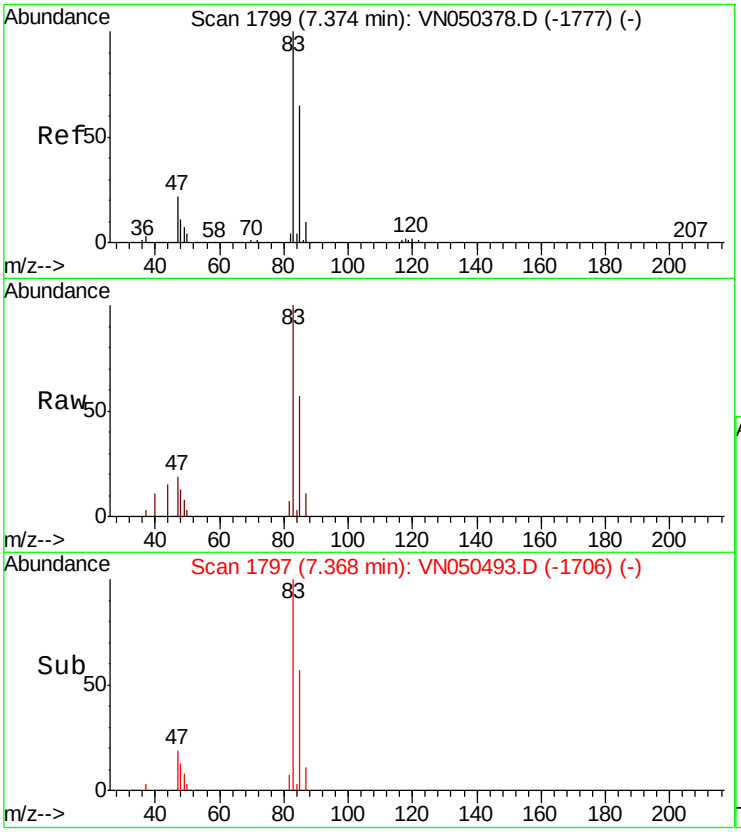


#25
2-Butanone
Concen: 0.97 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 43 Resp: 4598

Ion	Ratio	Lower	Upper
43	100		
72	23.1	21.5	32.3



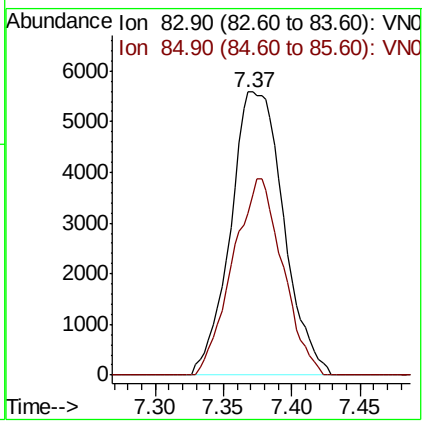


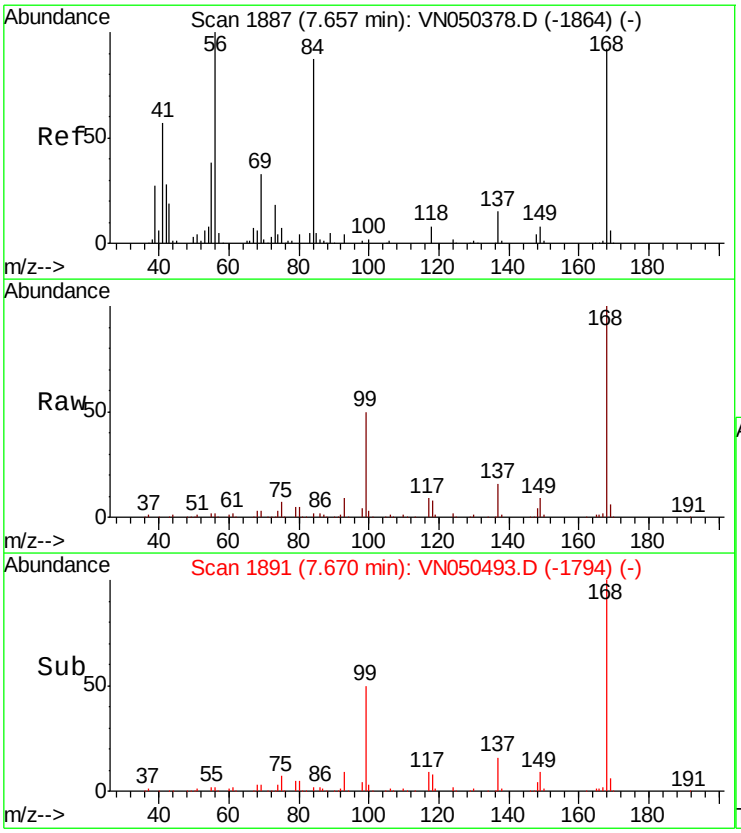
#30
Chloroform
Concen: 0.96 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 15070

Ion	Ratio	Lower	Upper
83	100		
85	57.1	52.5	78.7

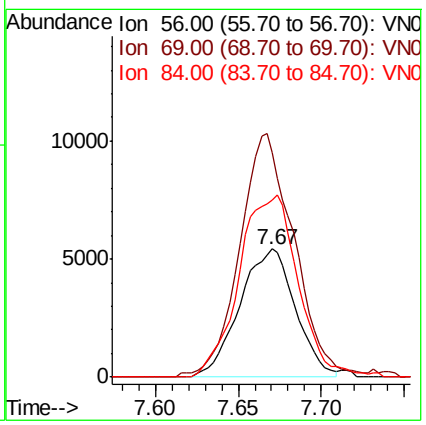


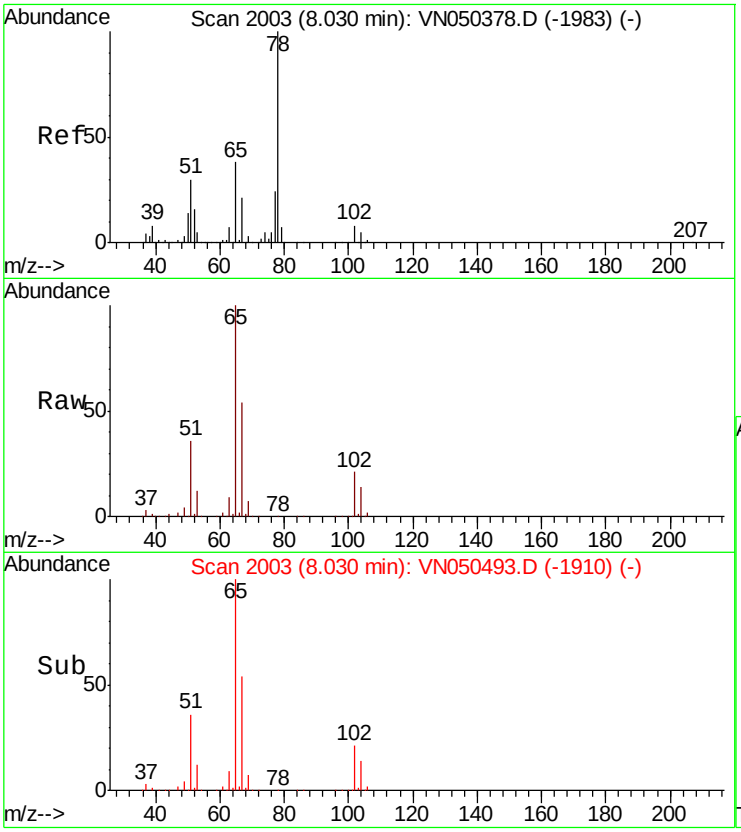


#31
Cyclohexane
Concen: 0.29 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 56 Resp: 12638

Ion	Ratio	Lower	Upper
56	100		
69	172.3	26.2	39.4#
84	138.5	67.4	101.0#



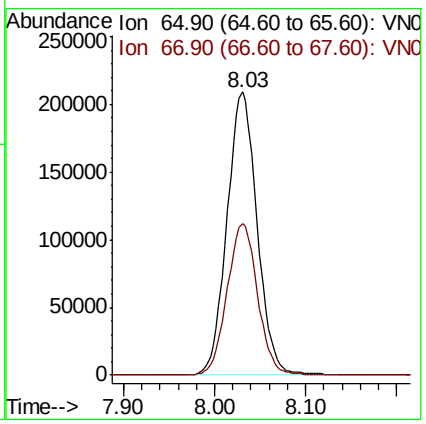


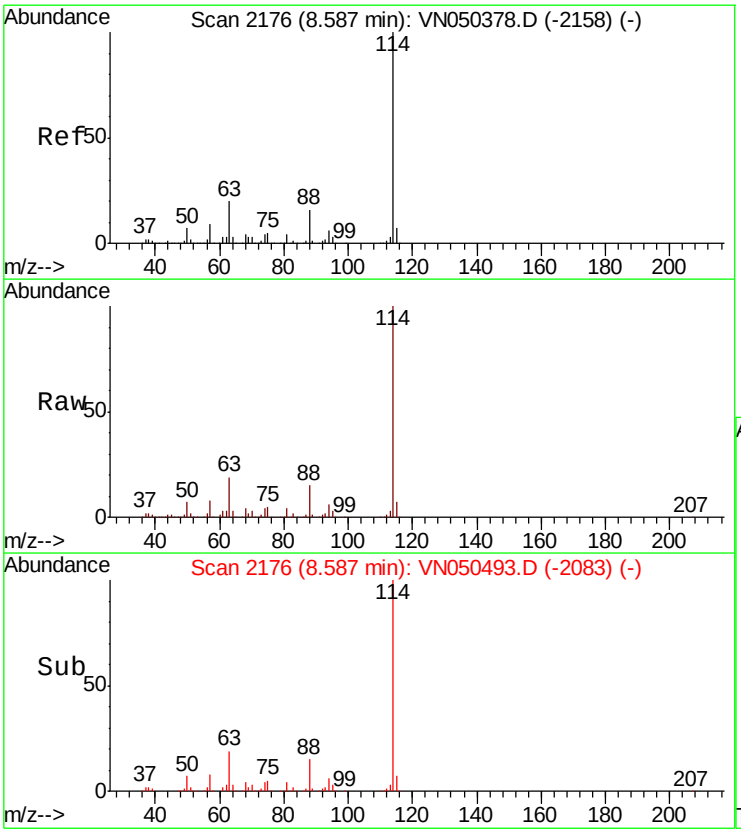
#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 481134

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4

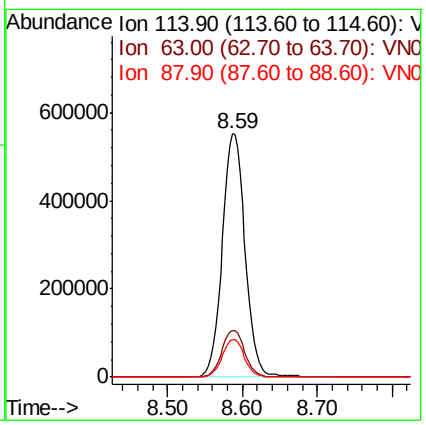


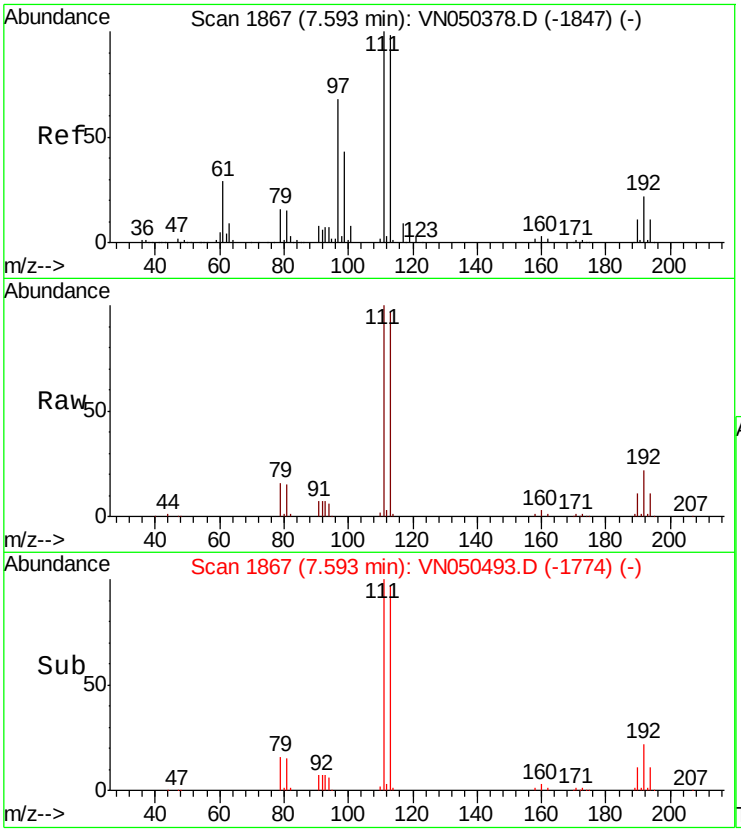


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion:114 Resp: 1160400

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.4	0.0	31.2



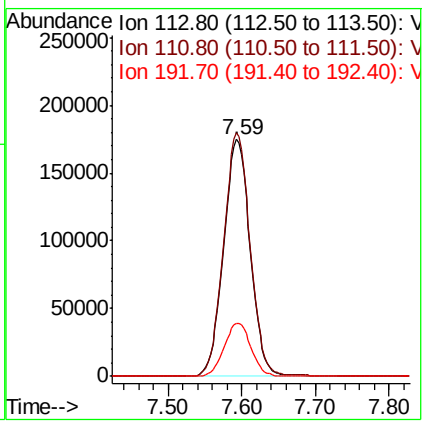


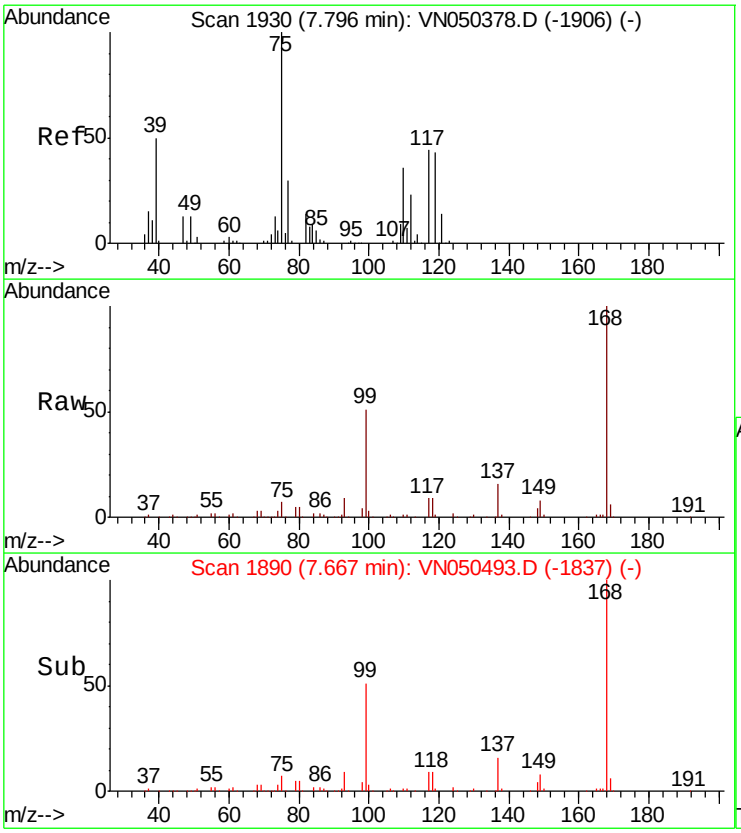
#35
Dibromofluoromethane
Concen: 47.21 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 439593

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.5	17.8	26.6

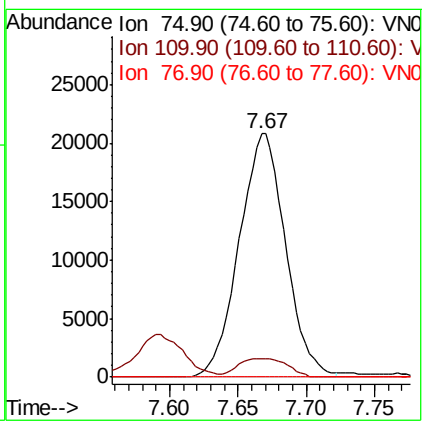


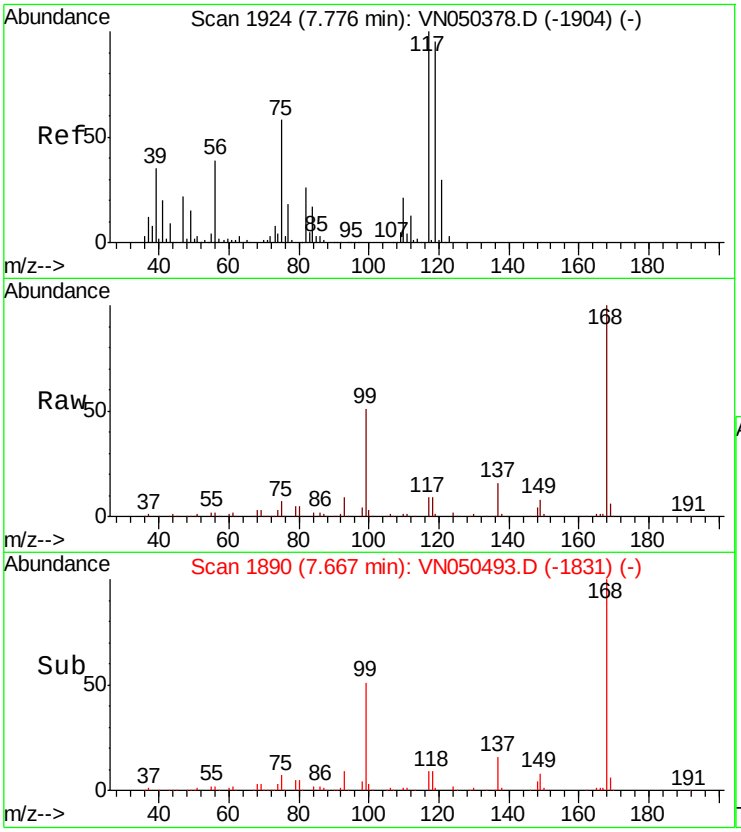


#36
1,1-Dichloropropene
Concen: 3.84 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 75 Resp: 49002

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.4	55.2#
77	0.0	25.3	37.9#

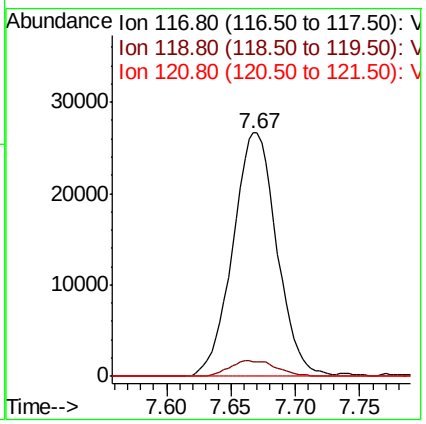




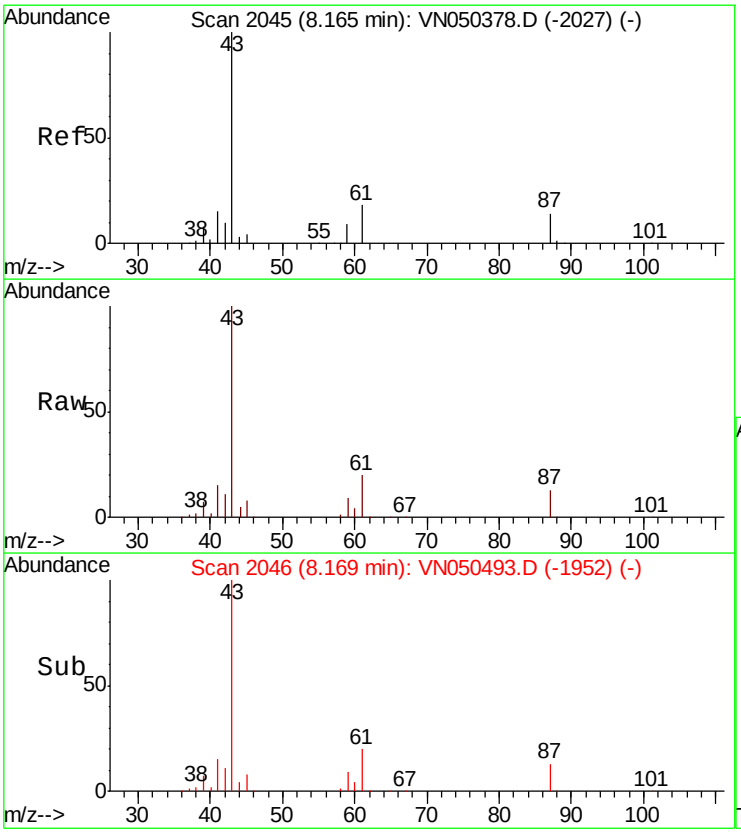
#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion:117 Resp: 63423

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
121	0.0	23.9	35.9#



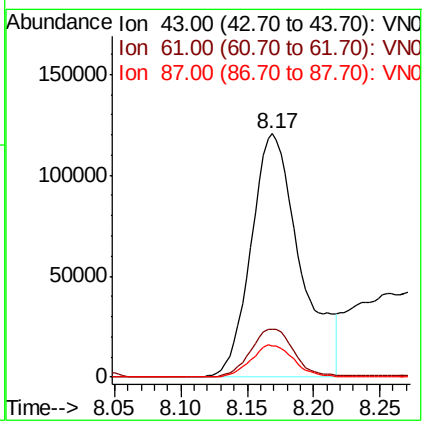
Instrument :
MSVOA_N
ClientSampleId :

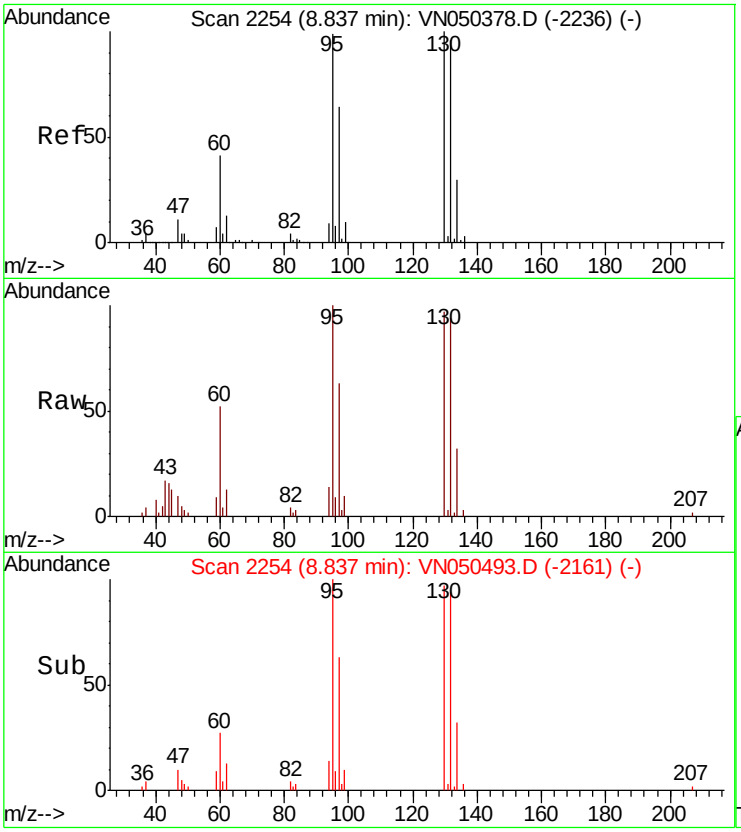


#43
Isopropyl Acetate
Concen: 19.64 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 43 Resp: 311341

Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.8	23.6
87	11.6	10.3	15.5



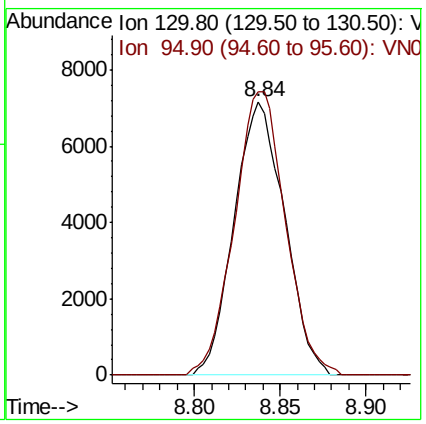


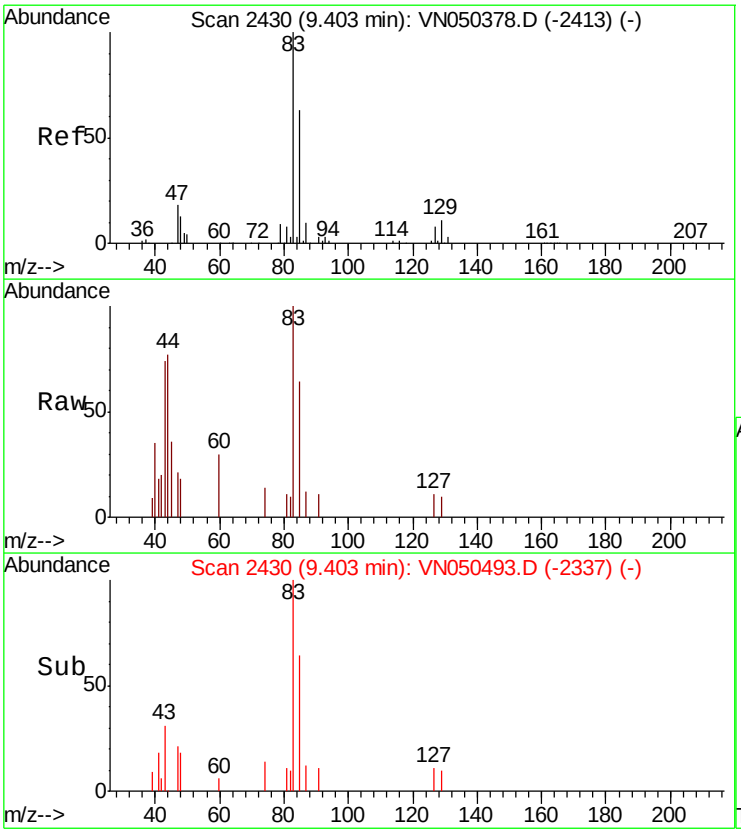
#44
Trichloroethene
Concen: 1.39 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:130 Resp: 14591

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	194.6

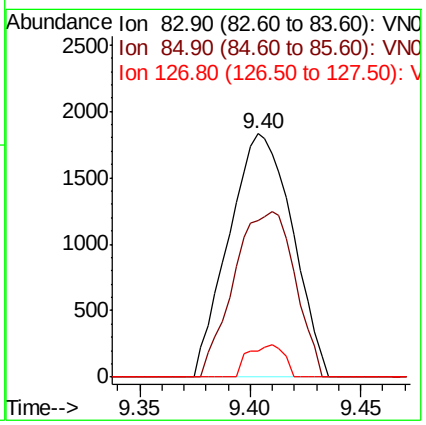


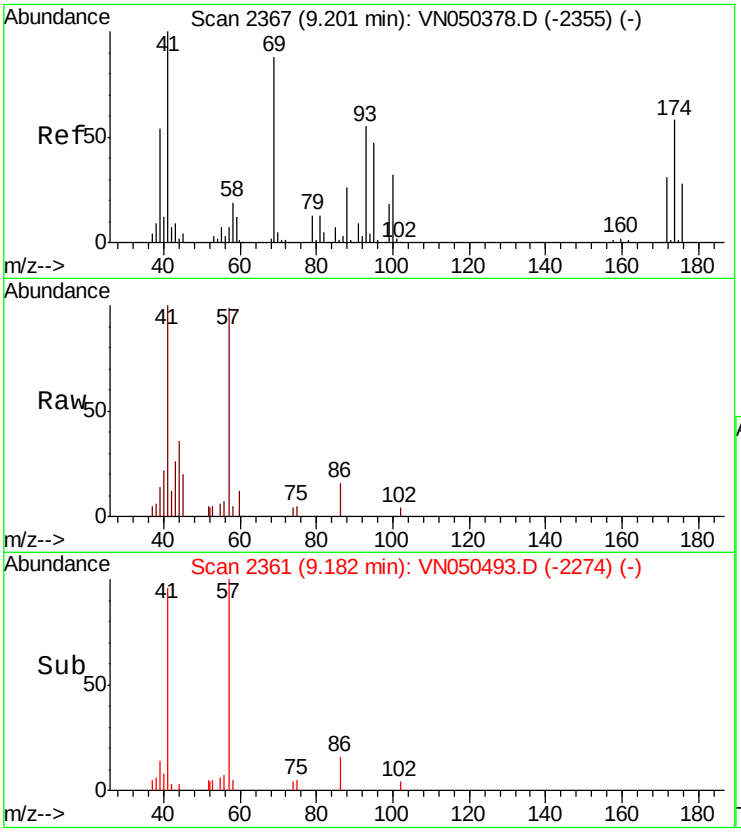


#47
Bromodichloromethane
Concen: 0.28 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 83 Resp: 3651

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.1	76.7
127	10.6	7.0	10.4#



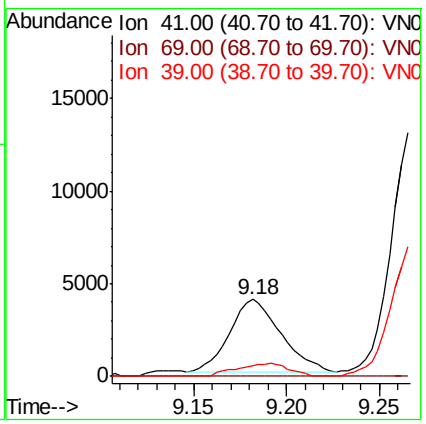


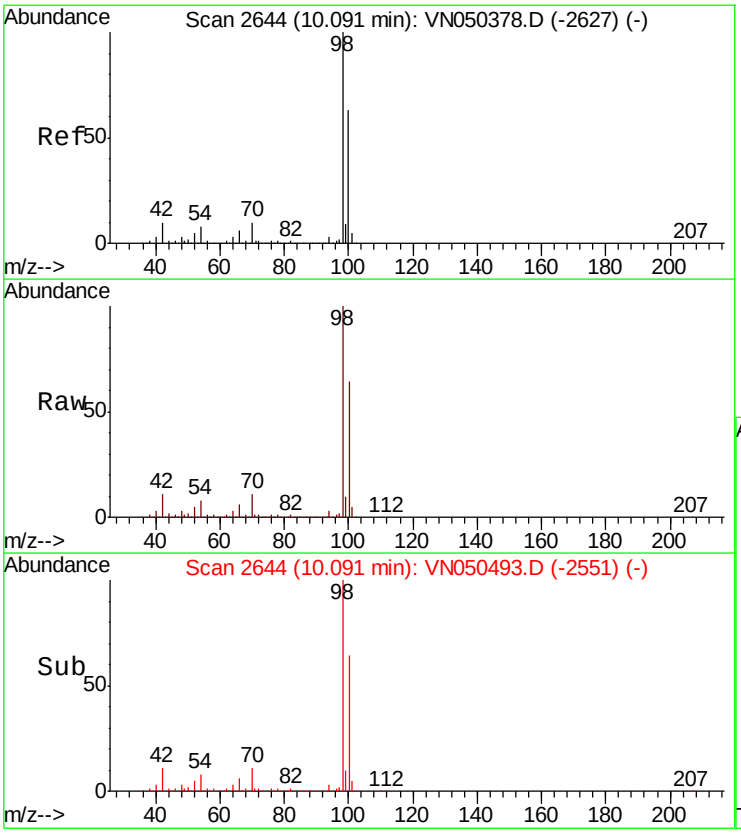
#48
Methyl methacrylate
Concen: 0.96 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 7600

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	17.9	43.9	65.9#

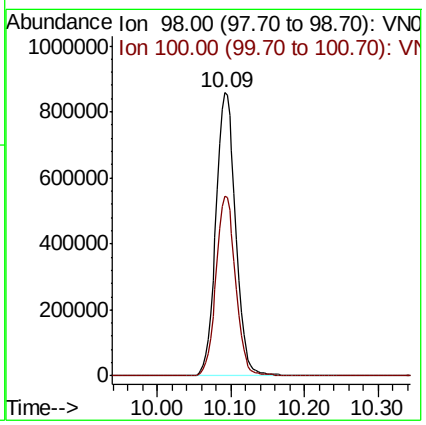


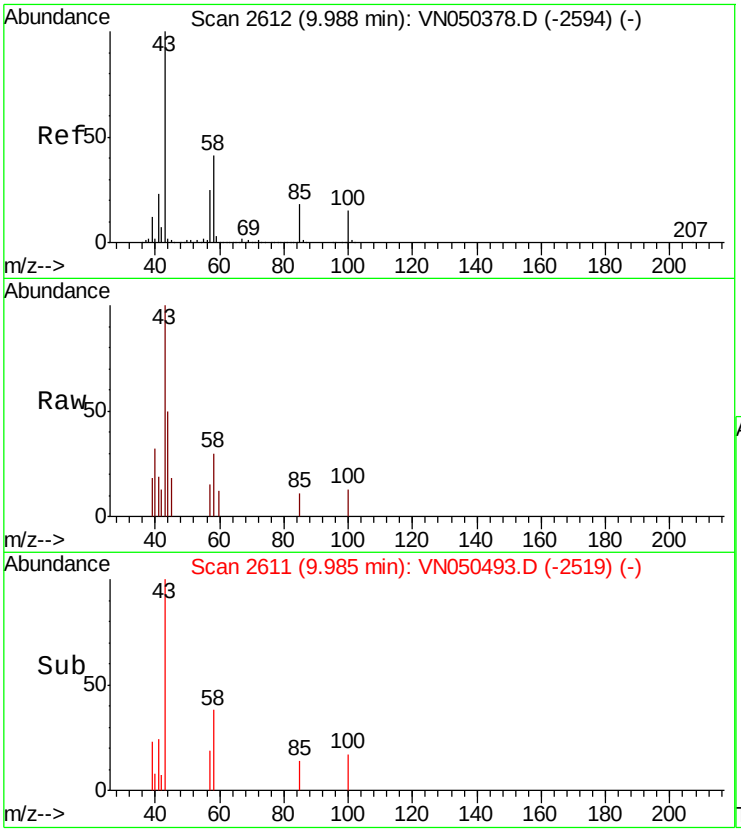


#50
Toluene-d8
Concen: 45.51 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 98 Resp: 1593106

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



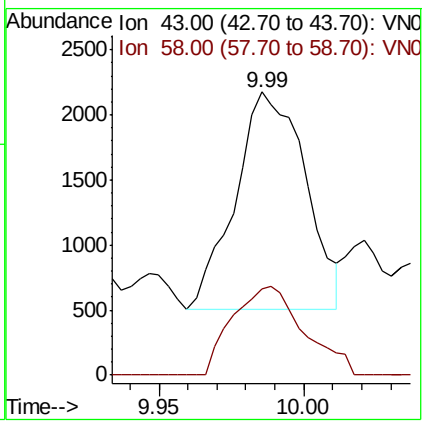


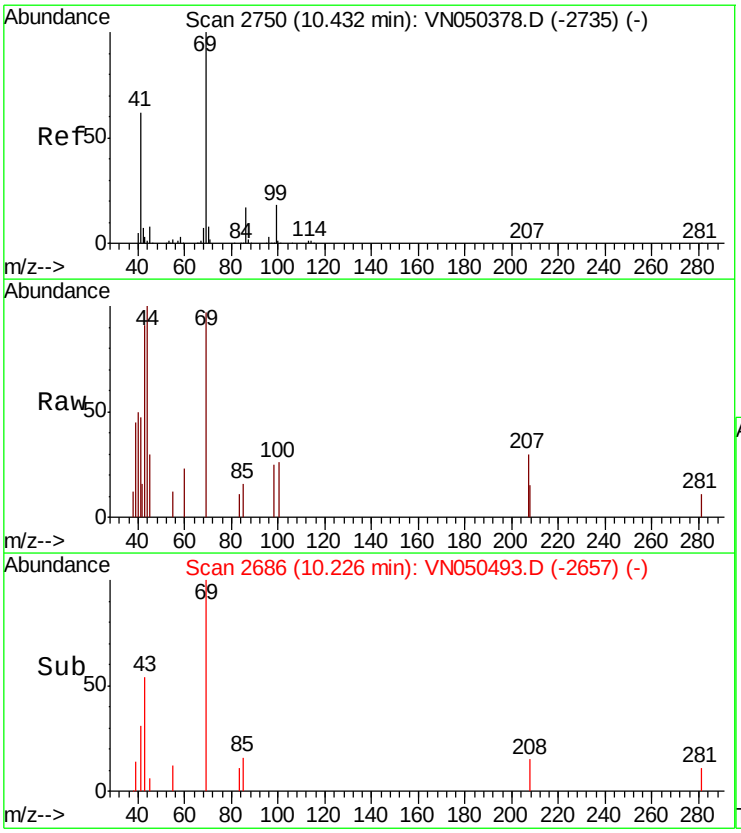
#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2818

Ion	Ratio	Lower	Upper
43	100		
58	41.6	31.9	47.9

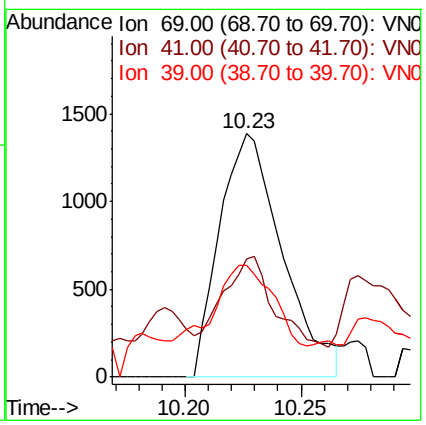


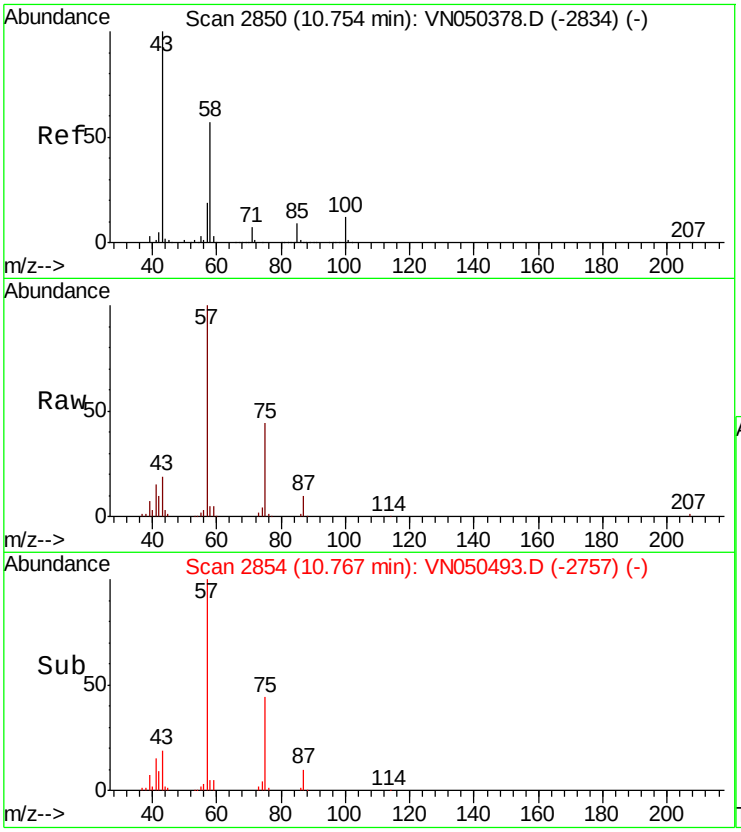


#56
Ethyl methacrylate
Concen: 1.90 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 69 Resp: 2600

Ion	Ratio	Lower	Upper
69	100		
41	52.2	51.0	76.4
39	36.1	26.6	40.0



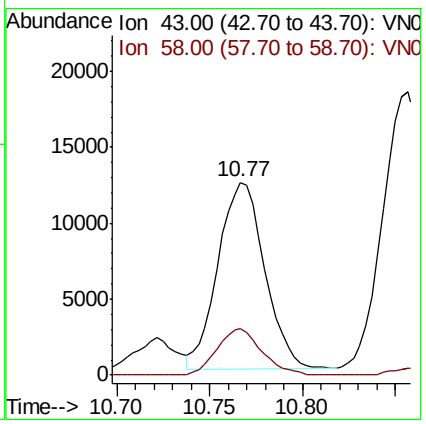


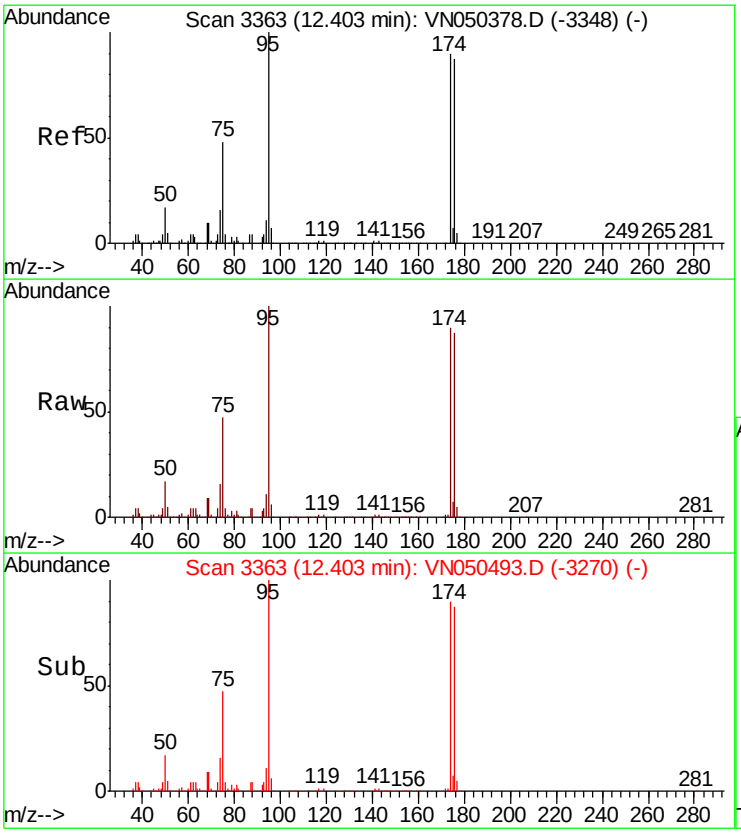
#59
2-Hexanone
Concen: 2.69 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21431

Ion	Ratio	Lower	Upper
43	100		
58	23.6	27.6	82.7#

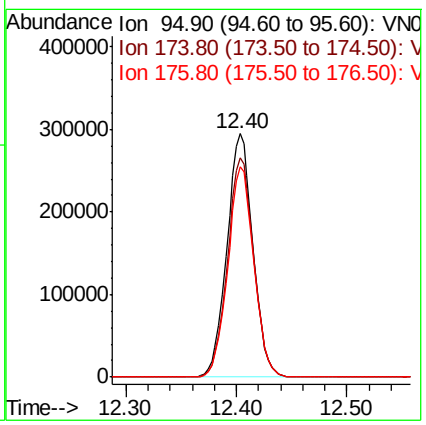


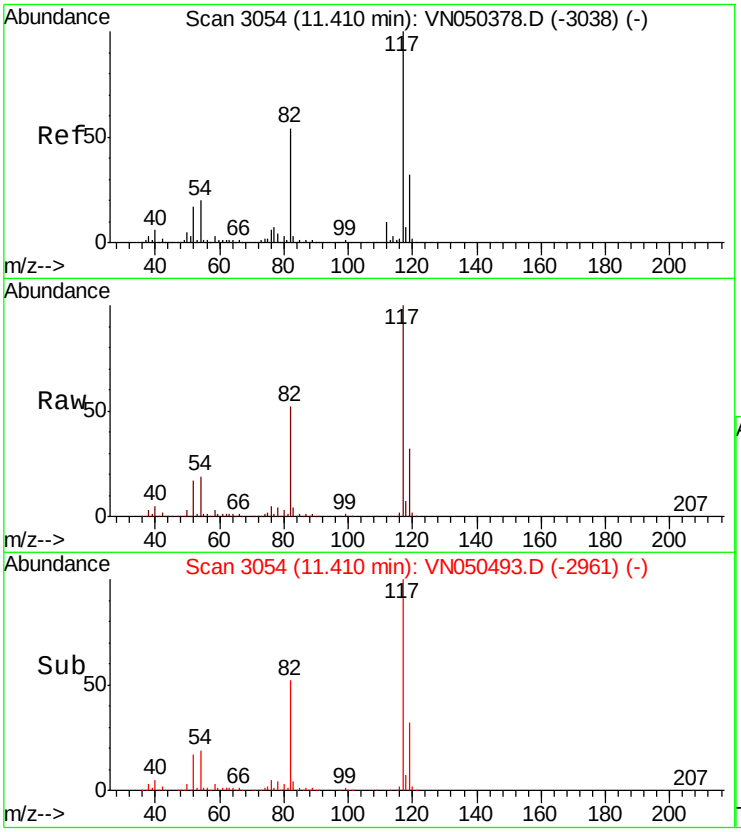


#62
4-Bromofluorobenzene
Concen: 40.19 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 95 Resp: 479578

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	178.2
176	86.8	0.0	173.4



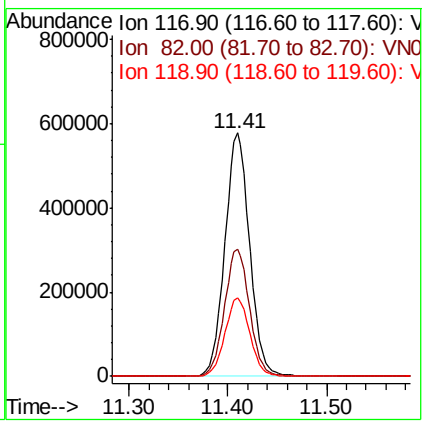


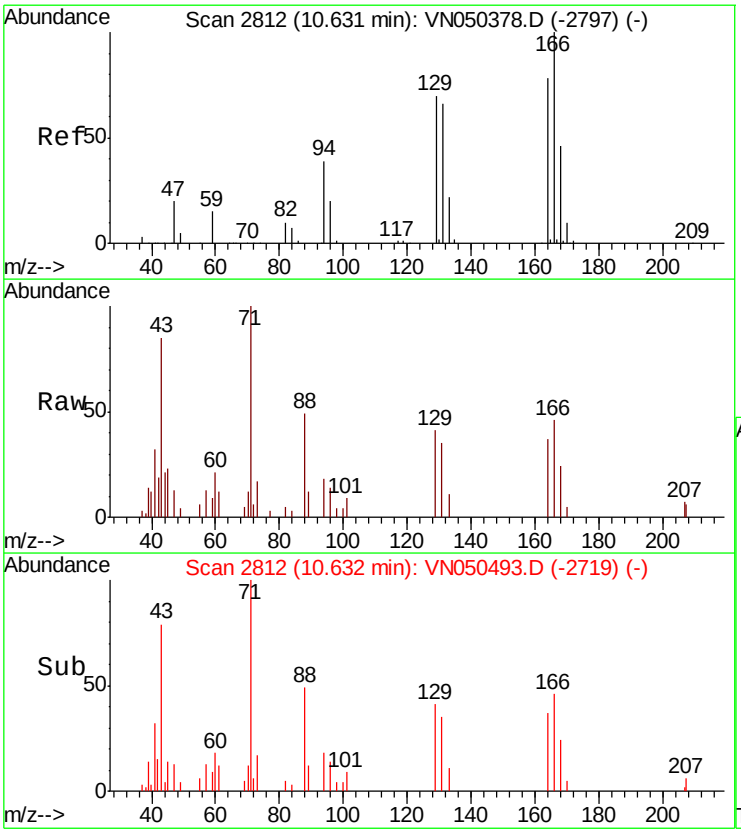
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1012052

Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.7	65.5
119	32.1	26.1	39.1

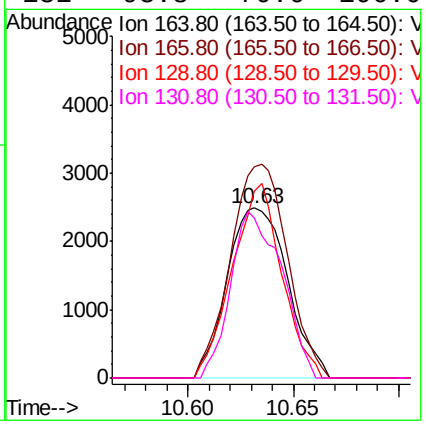


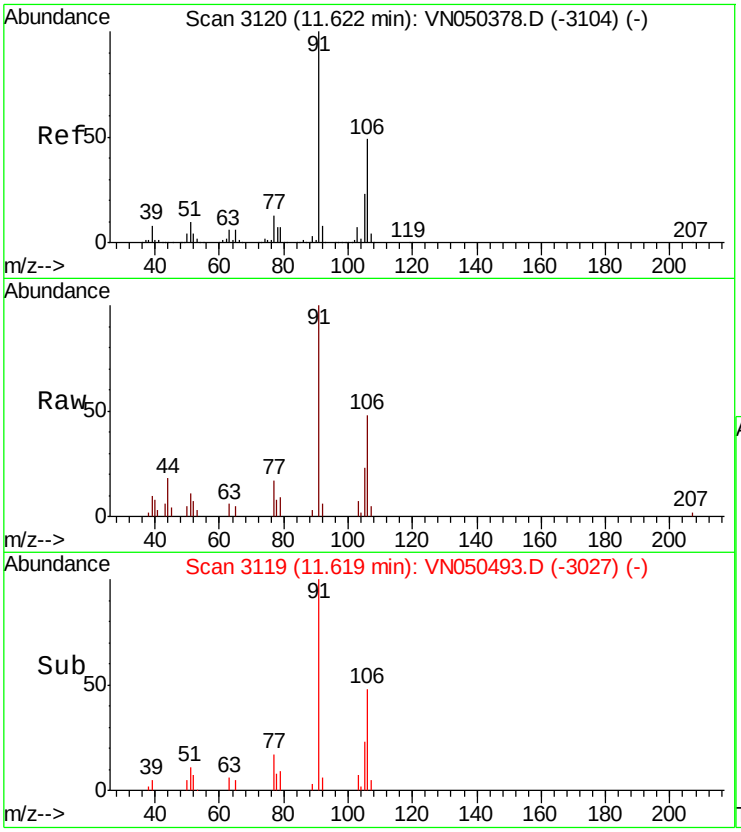


#64
Tetrachloroethene
Concen: 0.52 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion:164 Resp: 4964

Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.1	153.1
129	109.6	73.2	109.8
131	93.8	70.6	106.0



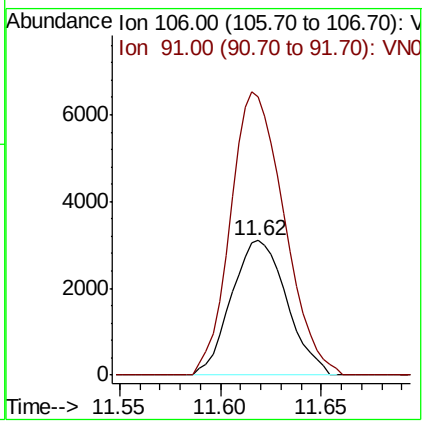


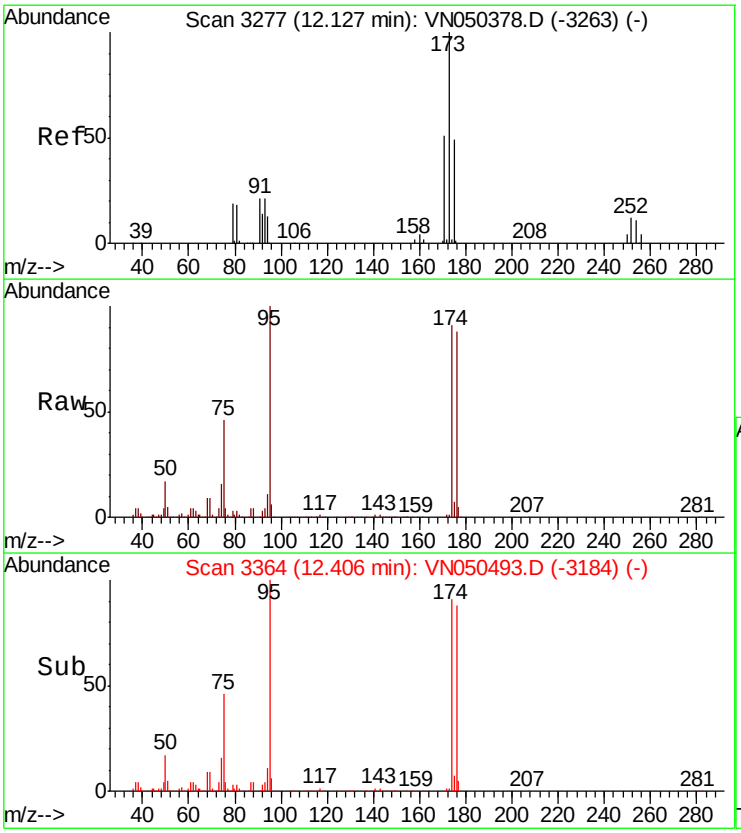
#68
m/p-Xylenes
Concen: 0.38 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 5958

Ion	Ratio	Lower	Upper
106	100		
91	204.1	162.2	243.2

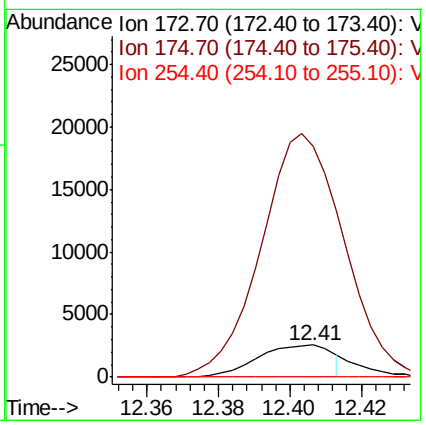


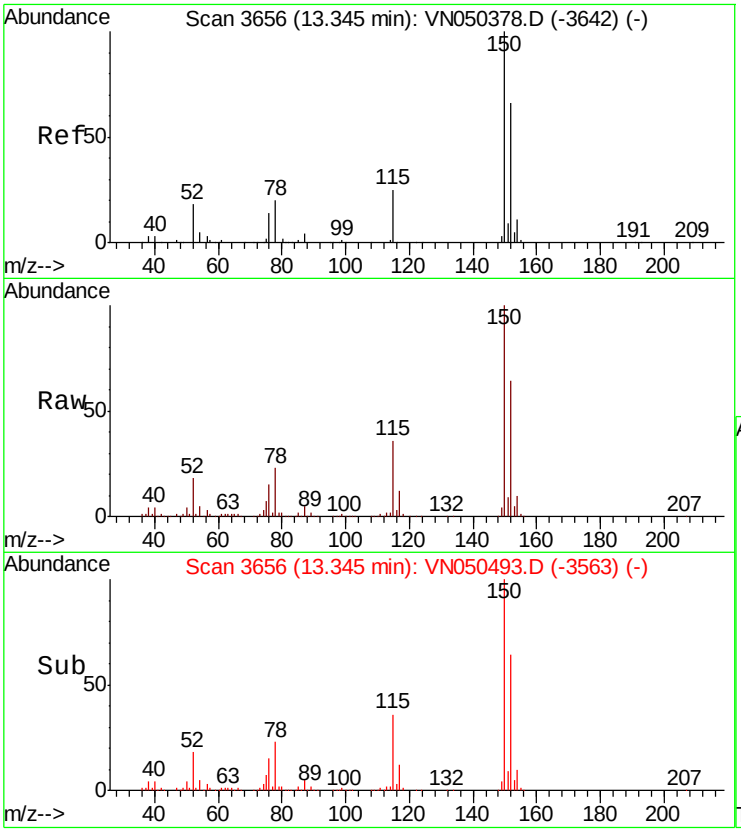


#71
Bromoform
Concen: 0.55 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion:173 Resp: 3680

Ion	Ratio	Lower	Upper
173	100		
175	717.3	24.1	72.2#
254	0.0	0.2	0.2#



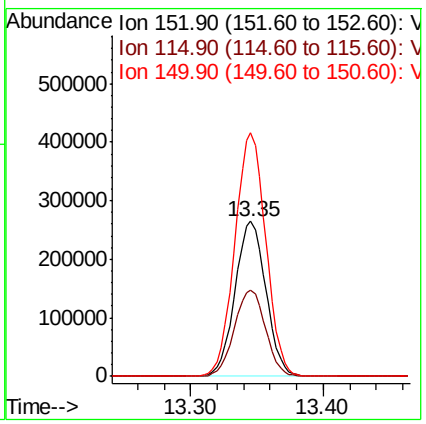


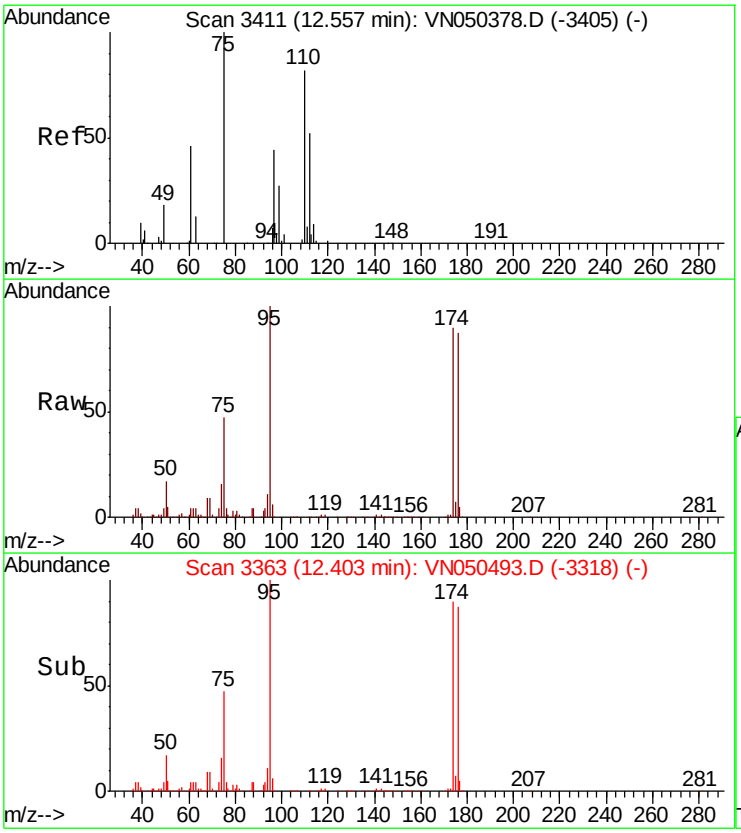
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 427469

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.3
150	157.7	0.0	348.6

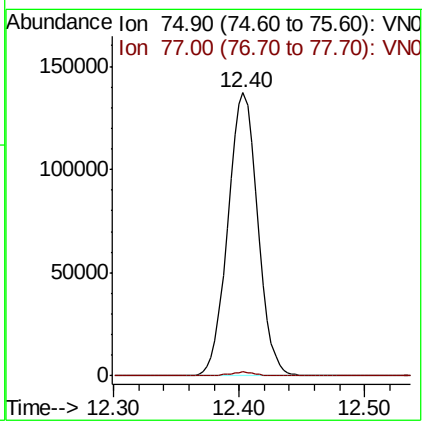


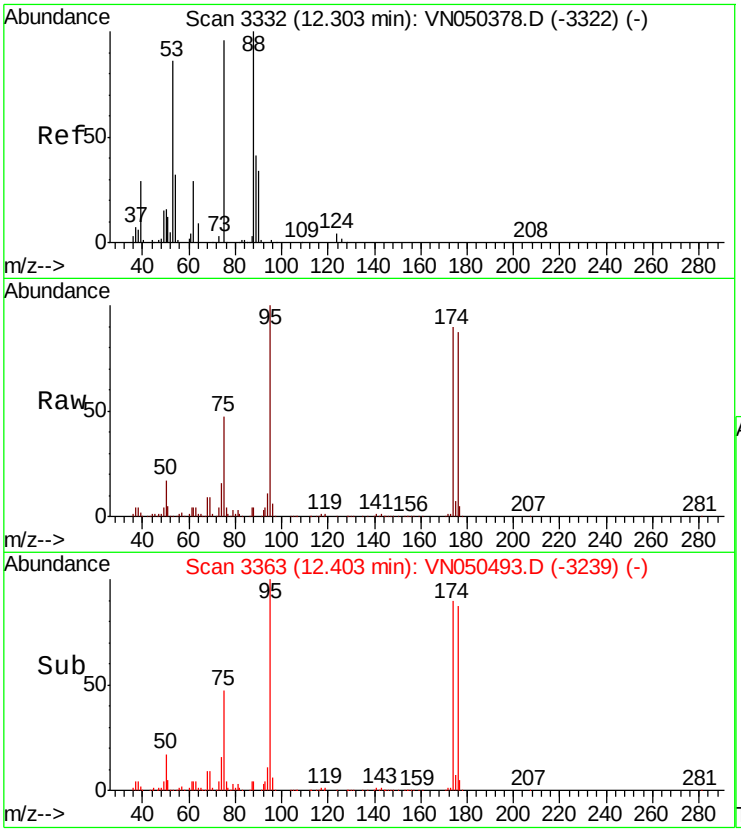


#76
1,2,3-Trichloropropane
Concen: 29.27 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 75 Resp: 226461

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



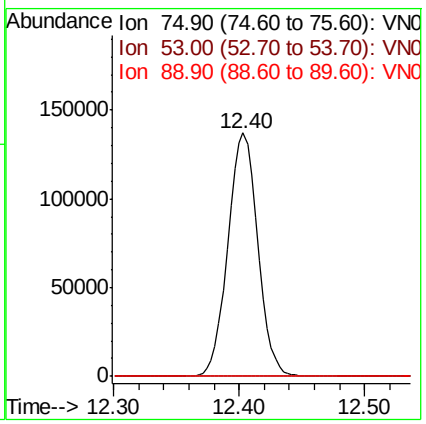


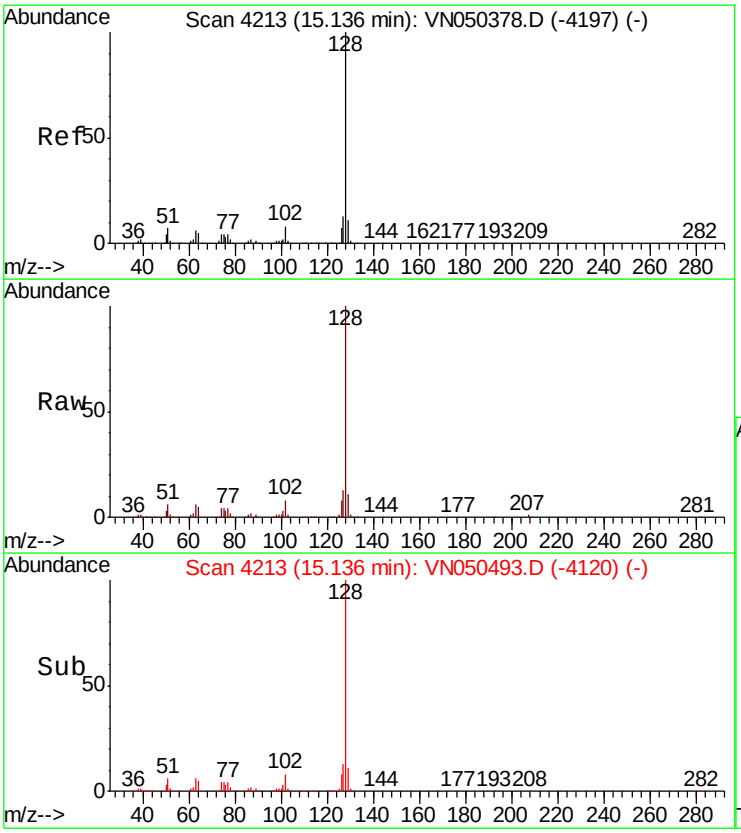
#81
trans-1,4-Dichloro-2-butene
Concen: 102.83 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 226461

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.5	110.3#
89	0.0	36.0	54.0#





#95
Naphthalene
Concen: 40.88 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050493.D
Acq: 9 Aug 2018 18:20

Tgt Ion:128 Resp: 831455

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.7	8.8	13.2