Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050323.D
Acq On : 3 Aug 2018 19:32
Operator : MD\SY
Sample : PB111719ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Quant Time: Aug 03 23:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	647379	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1085582	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	918824	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	376771	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	468285	51.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.68%				
35) Dibromofluoromethane	7.59	113	404116	45.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.18%				
50) Toluene-d8	10.09	98	1455400	44.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.32%				
62) 4-Bromofluorobenzene	12.40	95	415457	38.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.44%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	3877	0.38	ug/l		98
5) Bromomethane	2.56	94	4481	Below Cal			89
13) Acrolein	3.61	56	123	0.23	ug/l	#	1
16) Acetone	3.83	43	49934	19.47	ug/l		98
18) Methyl Acetate	4.33	43	22757	1.16	ug/l		95
20) Methylene Chloride	4.55	84	34810	3.17	ug/l		96
25) 2-Butanone	6.84	43	7916	2.30	ug/l	#	87
29) Tetrahydrofuran	7.22	42	1978	0.89	ug/l	#	58
31) Cyclohexane	7.67	56	12039	0.90	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	46090	3.77	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	59306	4.57	ug/l	#	17
41) Methacrylonitrile	7.22	41	1081	2.98	ug/l	#	21
43) Isopropyl Acetate	8.17	43	371428	22.49	ug/l	#	90
48) Methyl methacrylate	9.18	41	10748	1.46	ug/l	#	22
49) 1,4-Dioxane	9.21	88	255	2.55	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.99	43	2864	0.34	ug/l		99
56) Ethyl methacrylate	10.23	69	3280	2.30	ug/l	#	63
59) 2-Hexanone	10.77	43	21697	8.62	ug/l	#	60
70) Styrene	11.96	104	313	0.94	ug/l	#	33
71) Bromoform	12.41	173	3652	0.56	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	225	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	202700	28.95	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	202700	91.82	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.91	180	30	3.09	ug/l	#	85
95) Naphthalene	15.13	128	708	4.45	ug/l	#	69

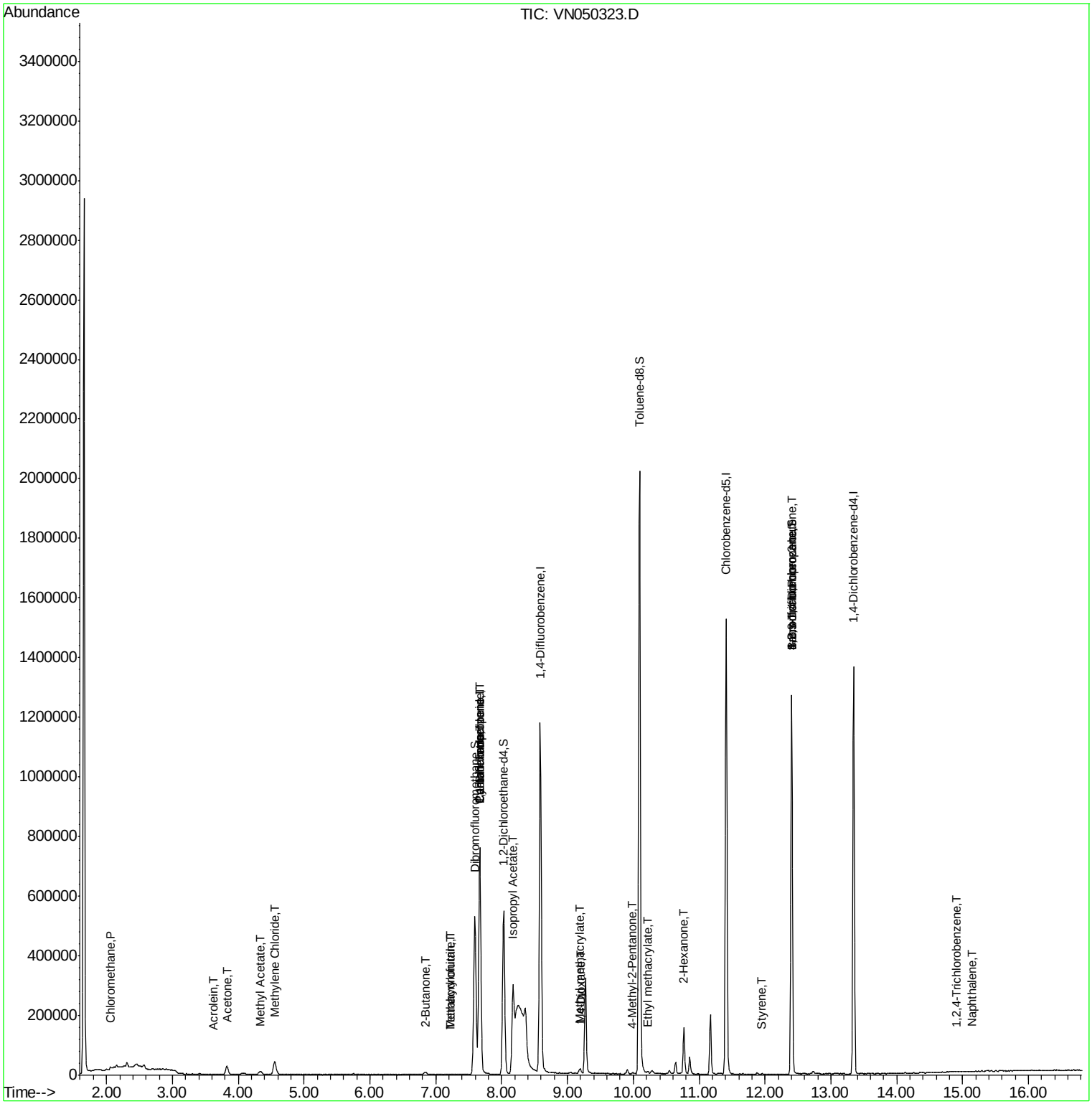
(#) = qualifier out of range (m) = manual integration (+) = signals summed

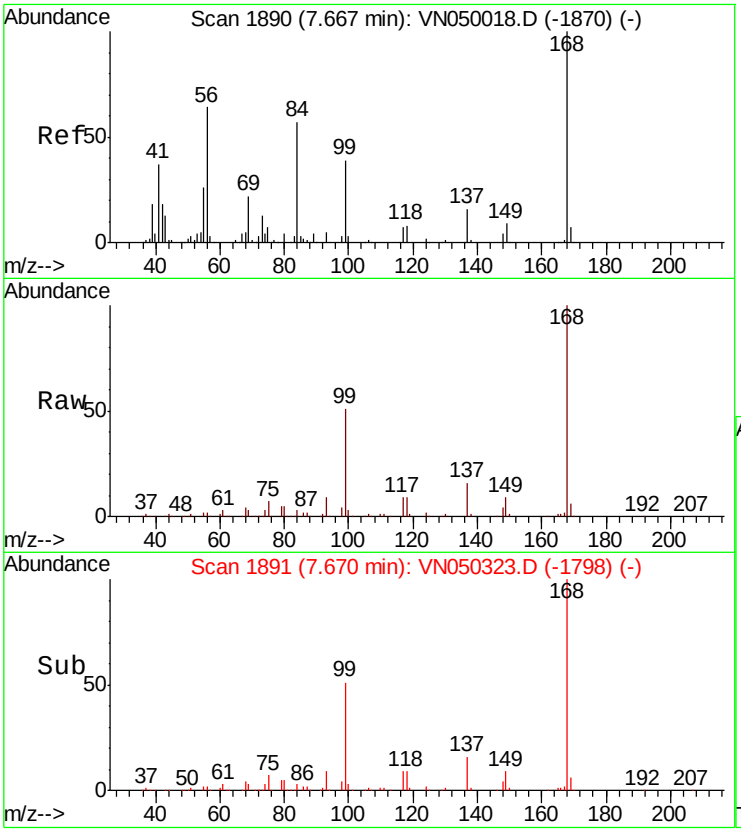
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080318\
Data File : VN050323.D
Acq On : 3 Aug 2018 19:32
Operator : MD\SY
Sample : PB111719ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Quant Time: Aug 03 23:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration



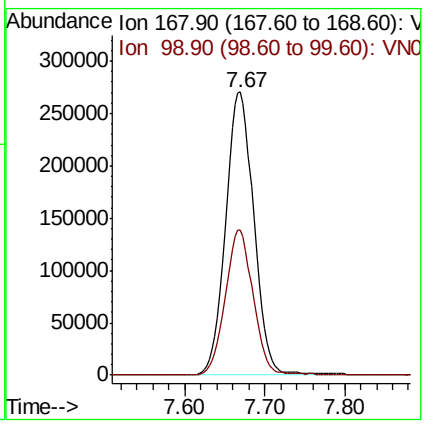


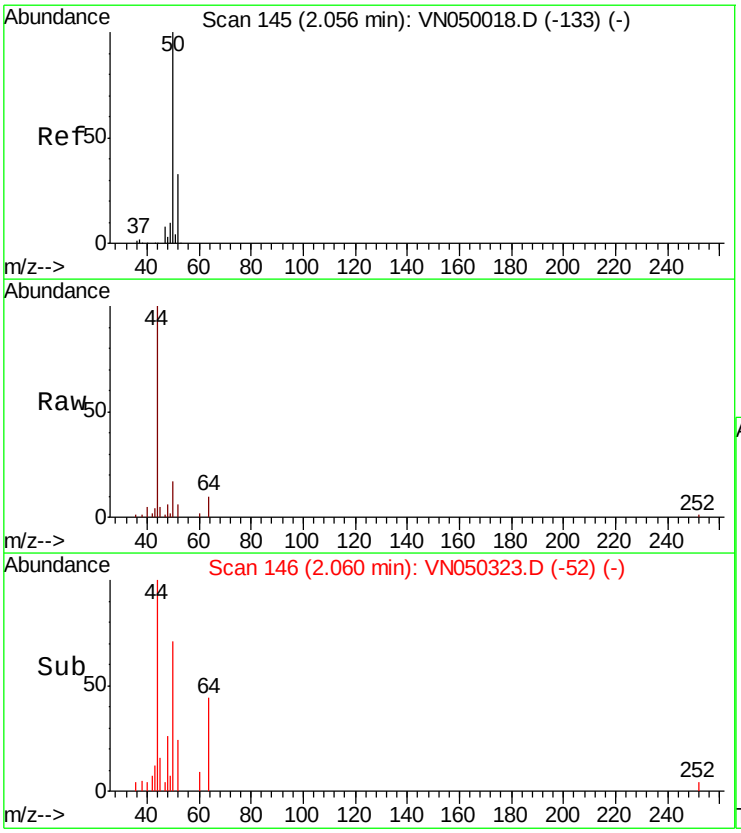
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion:168 Resp: 647379

Ion	Ratio	Lower	Upper
168	100		
99	51.4	40.0	60.0

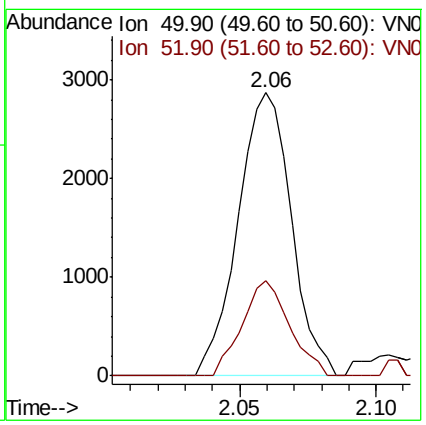


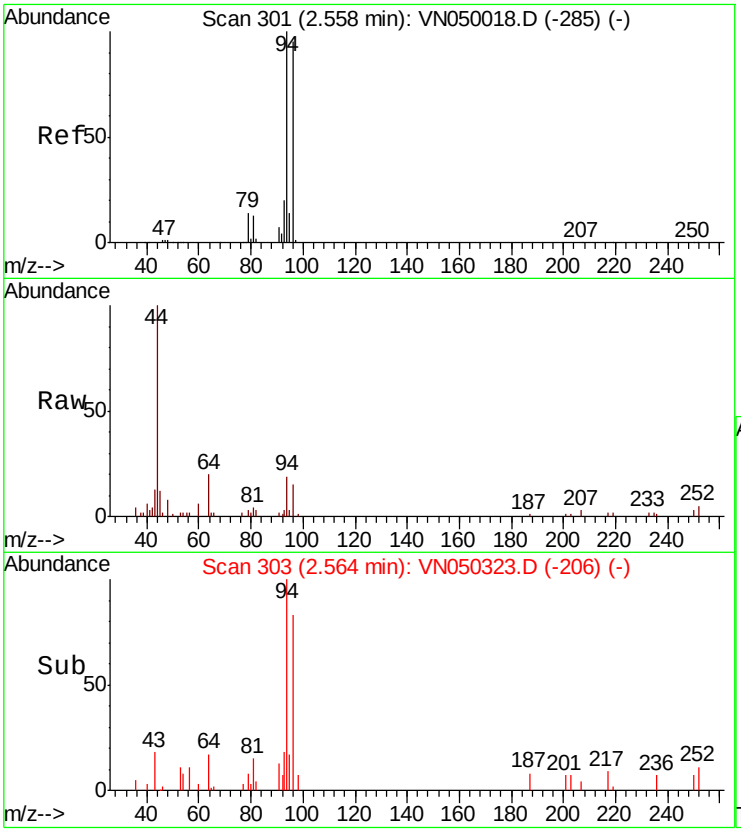


#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 50 Resp: 3877

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.9	38.9



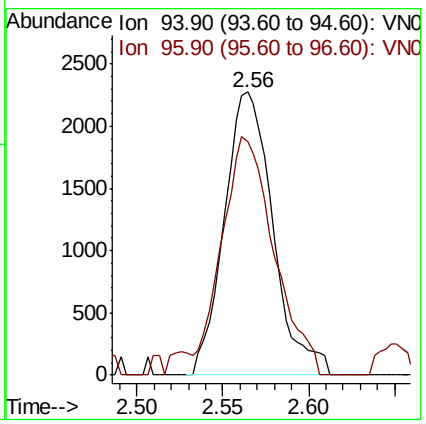


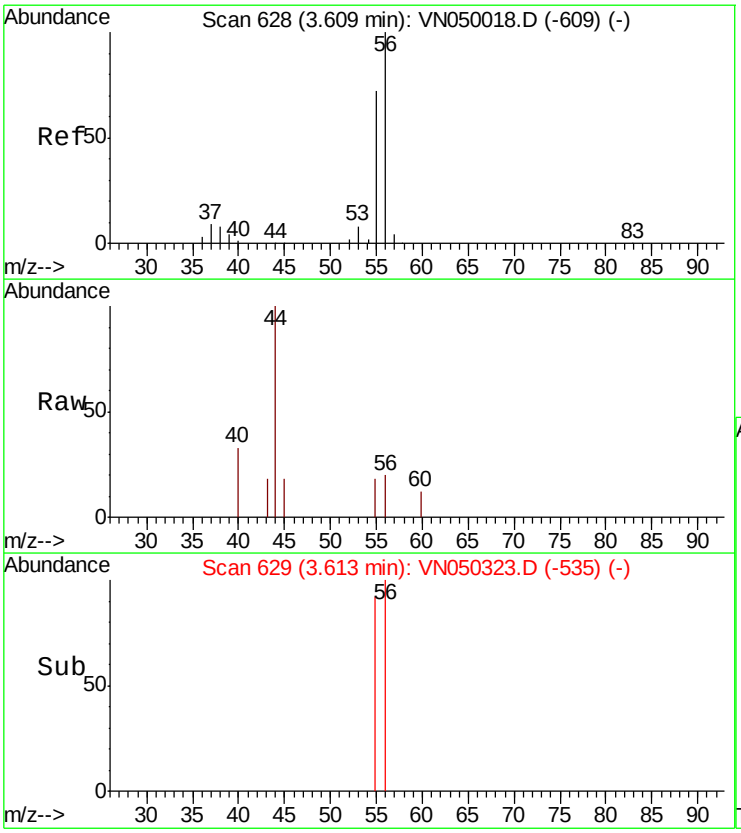
#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 303
Delta R.T. 0.01 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 94 Resp: 4481

Ion	Ratio	Lower	Upper
94	100		
96	82.7	74.6	112.0

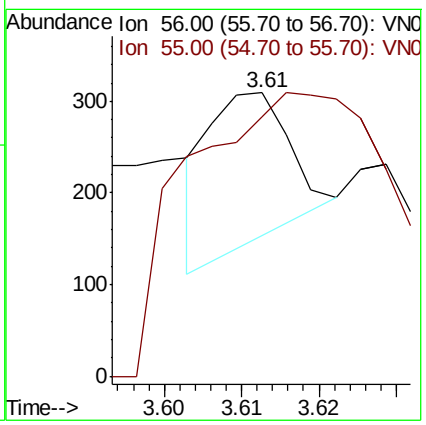


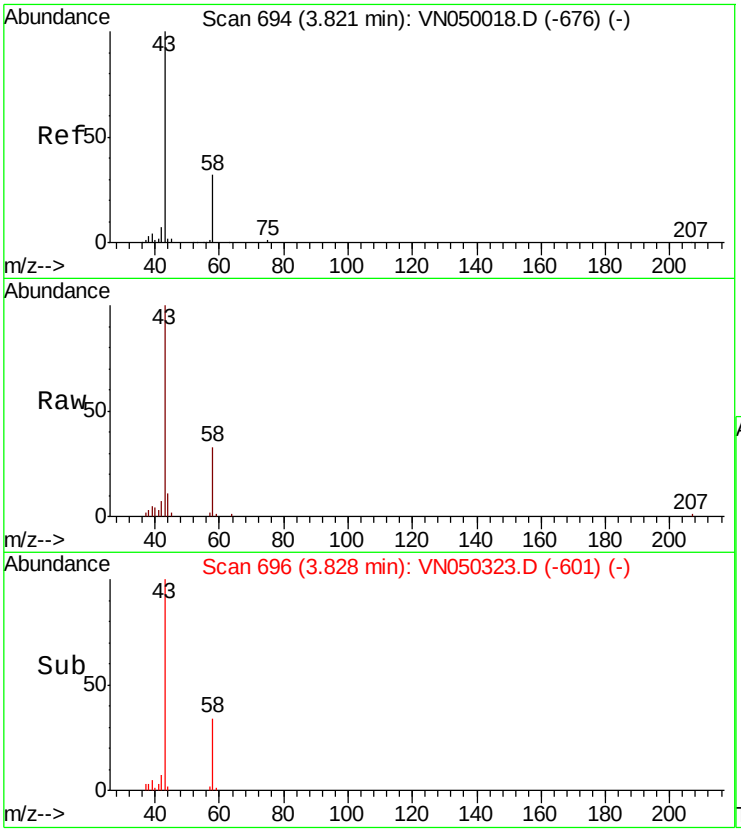


#13
Acrolein
Concen: 0.23 ug/l
RT: 3.61 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	443.1	55.8	83.6#



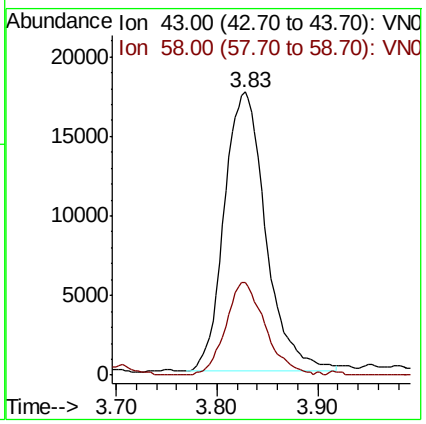


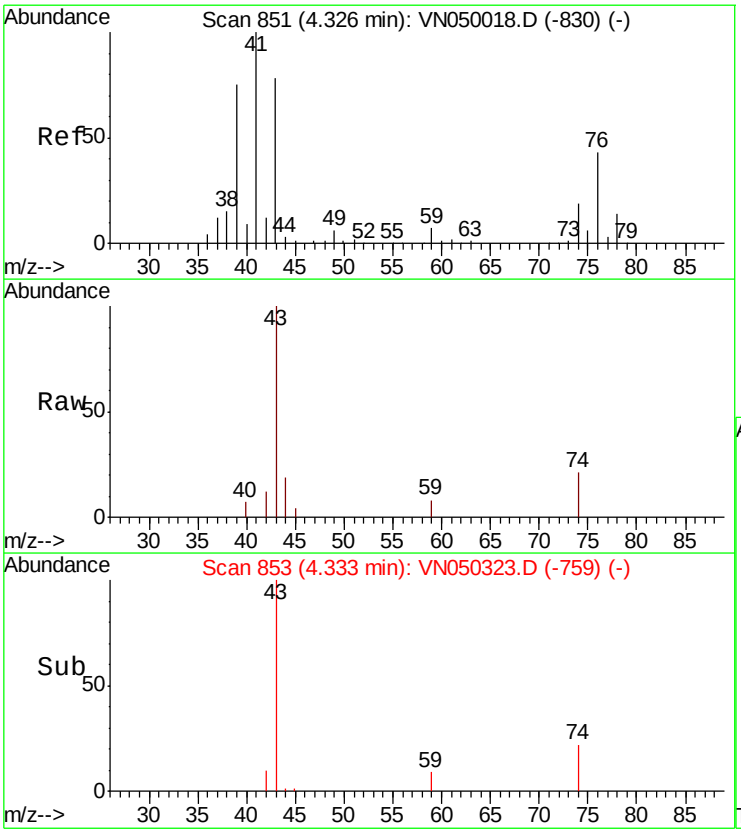
#16
Acetone
Concen: 19.47 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 43 Resp: 49934

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.8	38.8

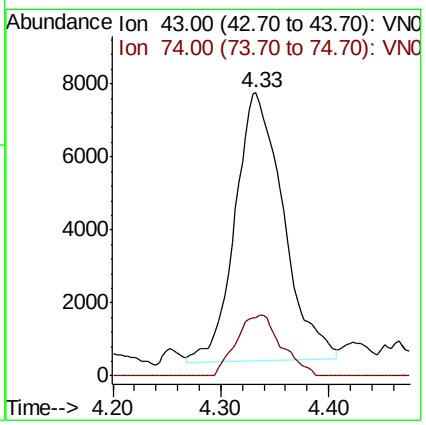


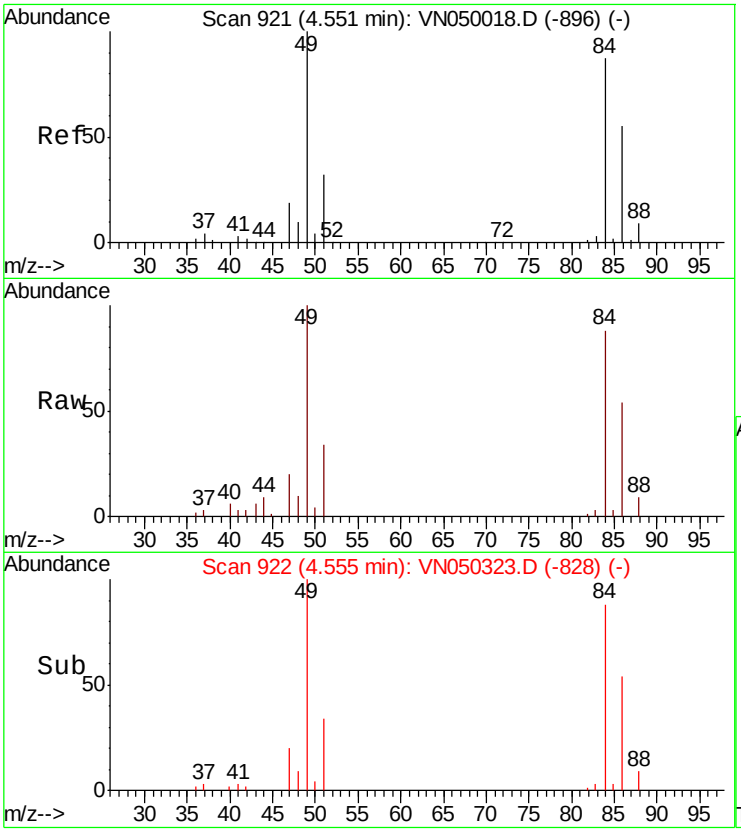


#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 43 Resp: 22757

Ion	Ratio	Lower	Upper
43	100		
74	21.3	19.2	28.8



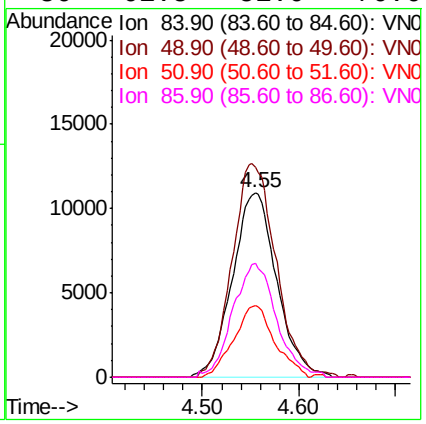


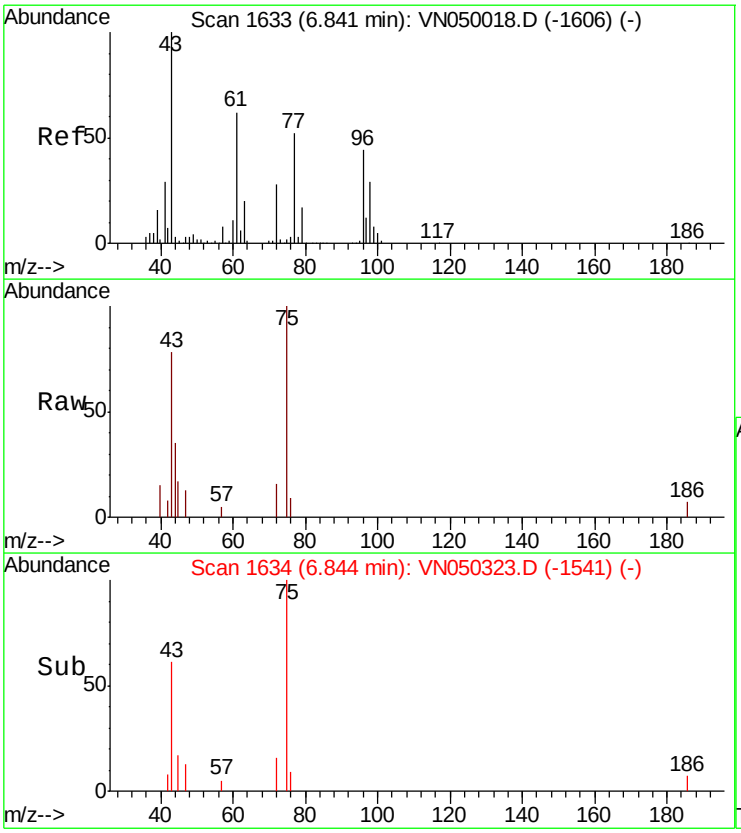
#20
Methylene Chloride
Concen: 3.17 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion: 84 Resp: 34810

Ion	Ratio	Lower	Upper
84	100		
49	113.6	94.8	142.2
51	38.7	28.3	42.5
86	61.5	51.0	76.6

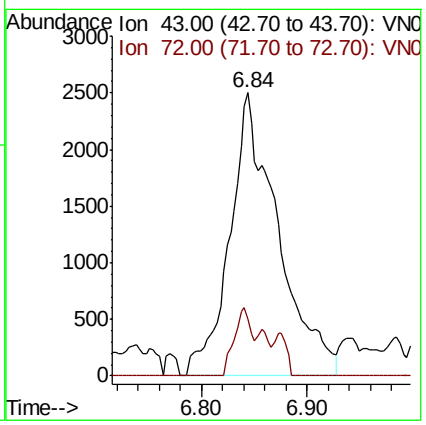


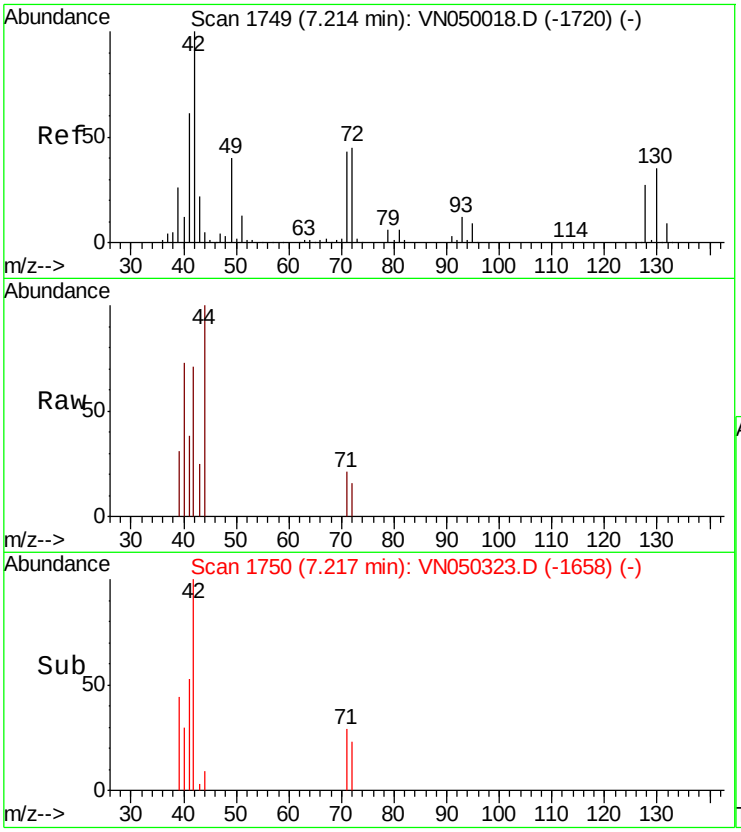


#25
2-Butanone
Concen: 2.30 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 43 Resp: 7916

Ion	Ratio	Lower	Upper
43	100		
72	20.3	21.5	32.3#



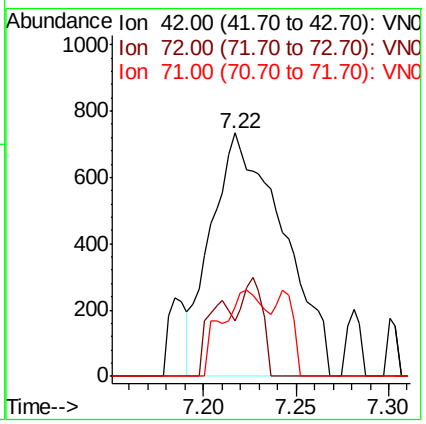


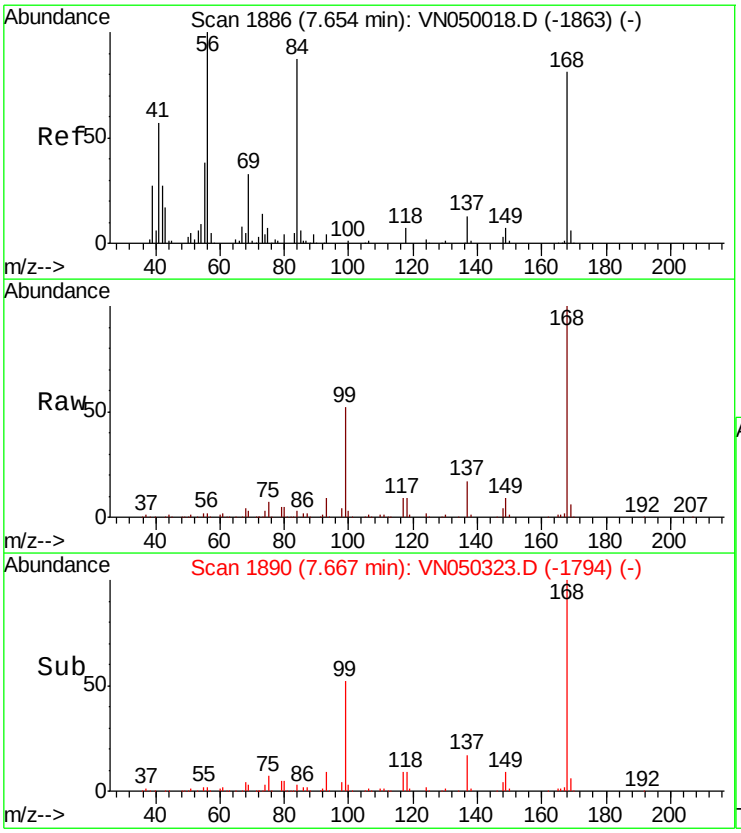
#29
Tetrahydrofuran
Concen: 0.89 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion: 42 Resp: 1978

Ion	Ratio	Lower	Upper
42	100		
72	11.8	35.9	53.9#
71	21.9	33.7	50.5#

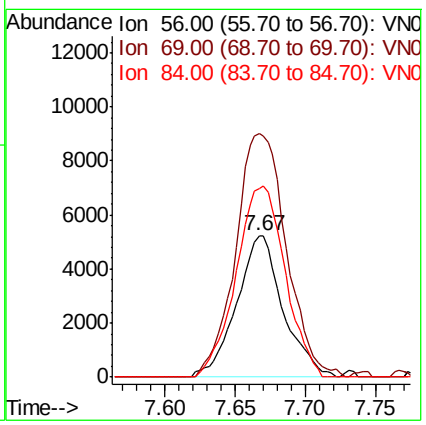


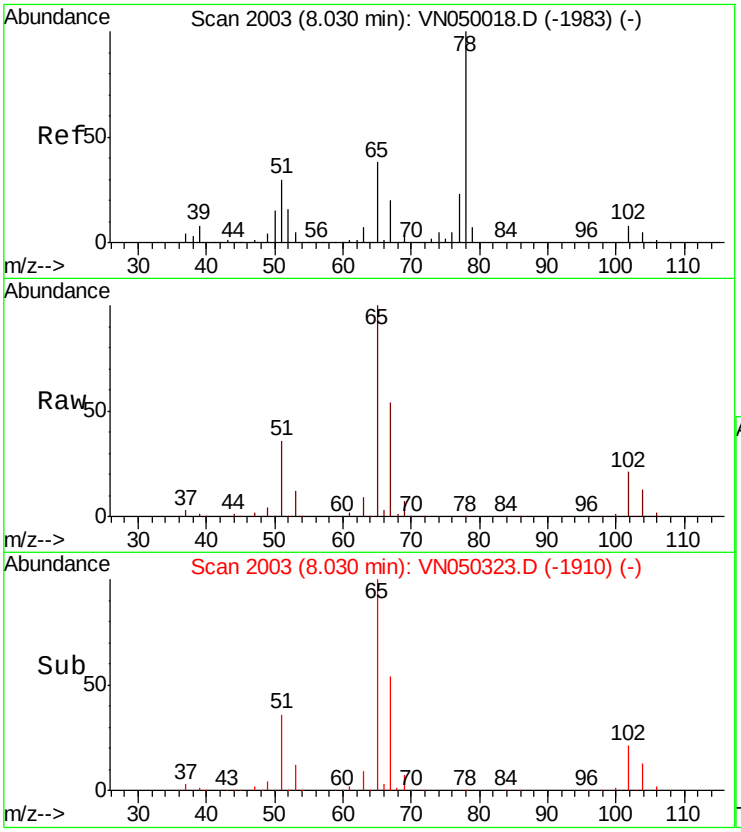


#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 56 Resp: 12039

Ion	Ratio	Lower	Upper
56	100		
69	172.1	26.2	39.4#
84	133.7	67.4	101.0#



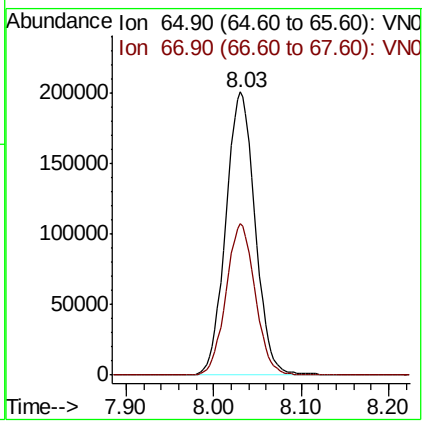


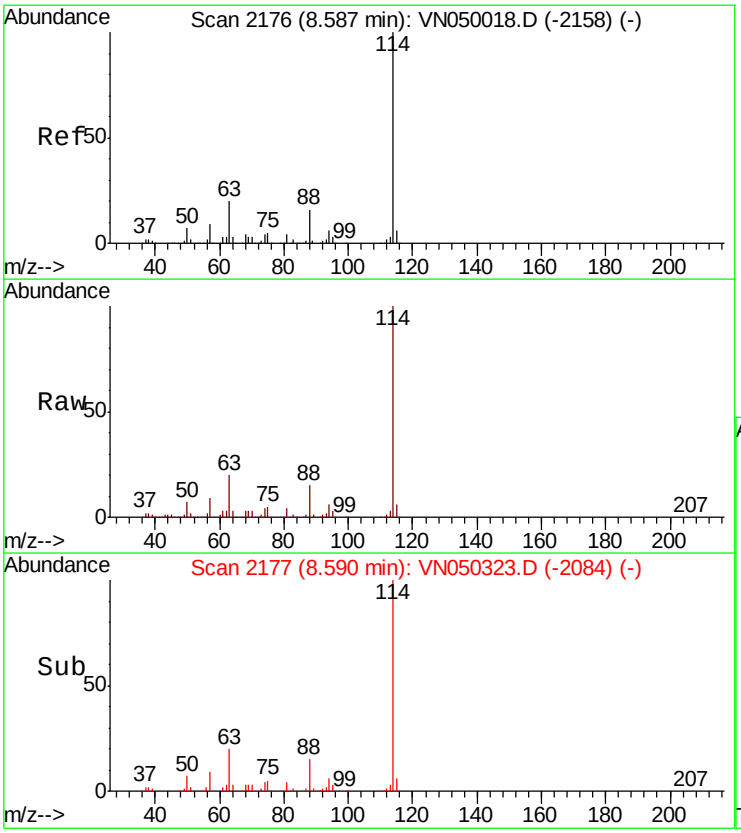
#33
1,2-Dichloroethane-d4
Concen: 51.84 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 65 Resp: 468285

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.4

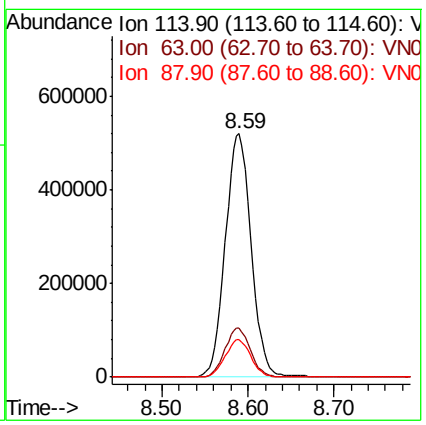


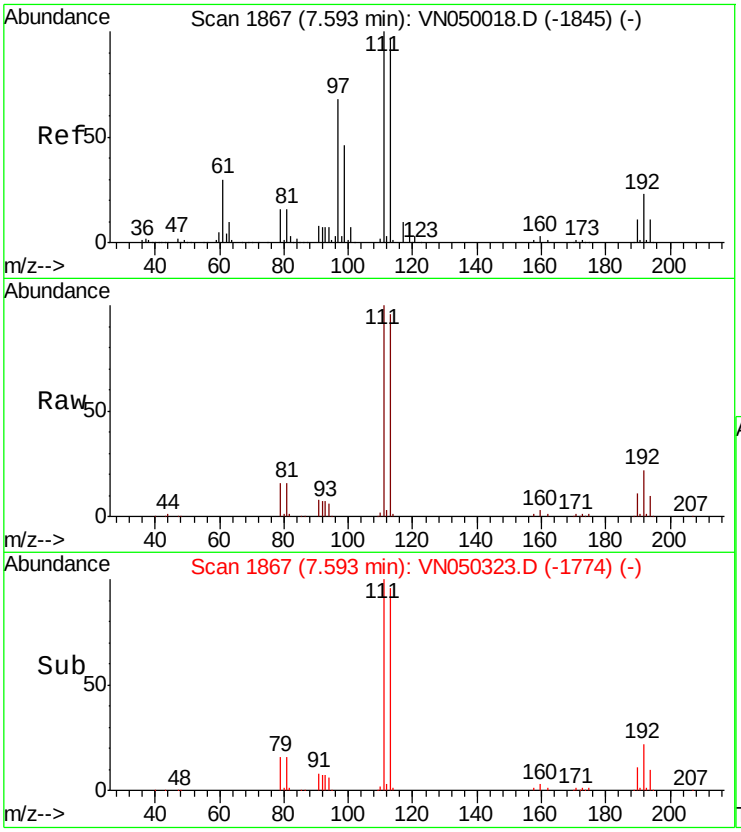


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion:114 Resp: 1085582

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.4	0.0	31.2



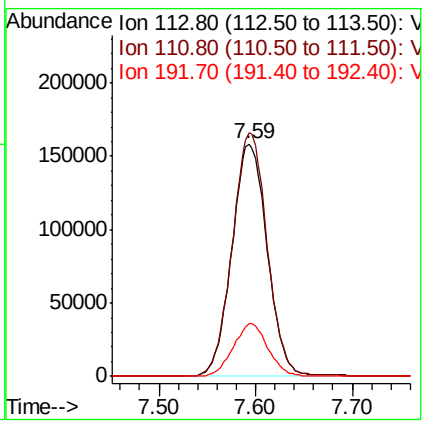


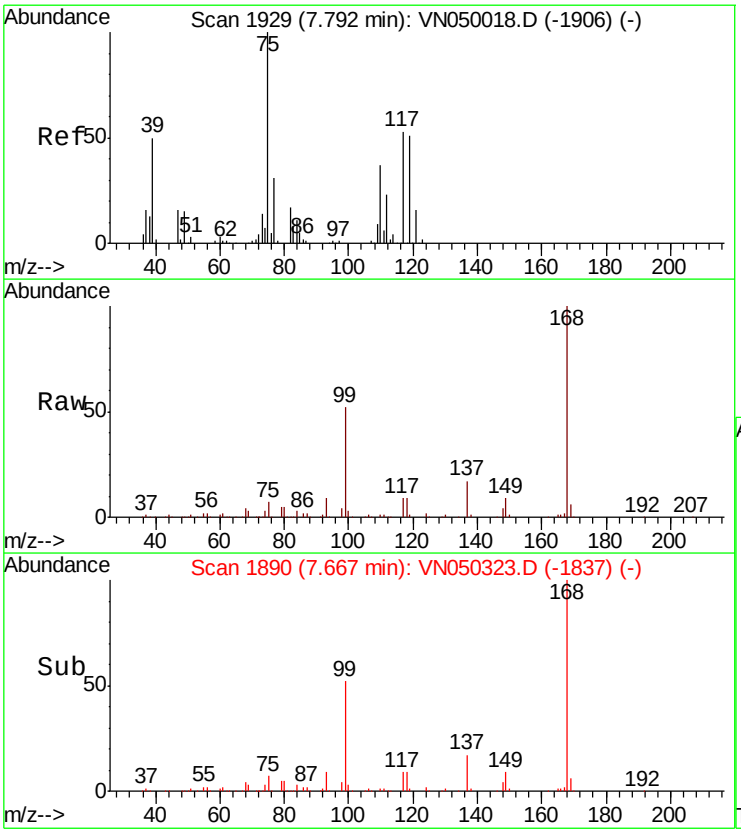
#35
Dibromofluoromethane
Concen: 45.59 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion:113 Resp: 404116

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	22.1	17.8	26.6

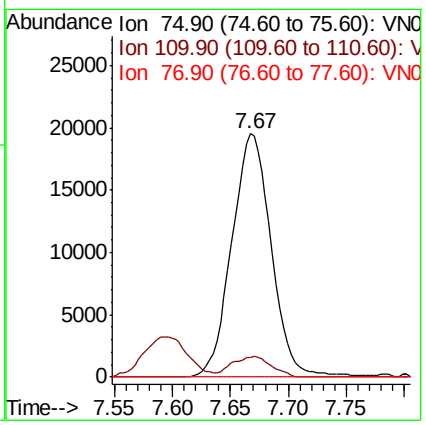


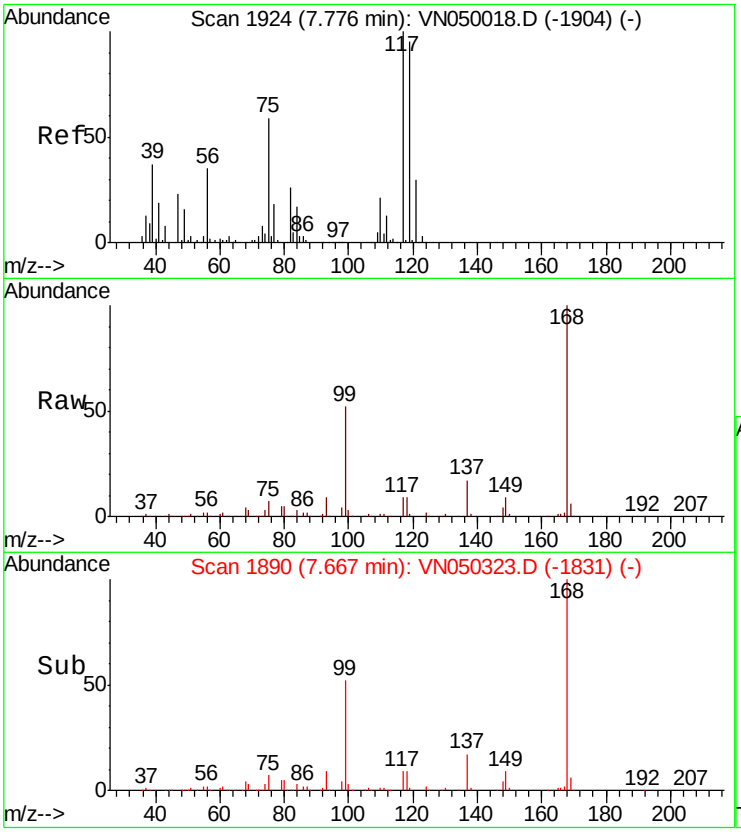


#36
1,1-Dichloropropene
Concen: 3.77 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 75 Resp: 46090

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.2#
77	0.0	25.3	37.9#



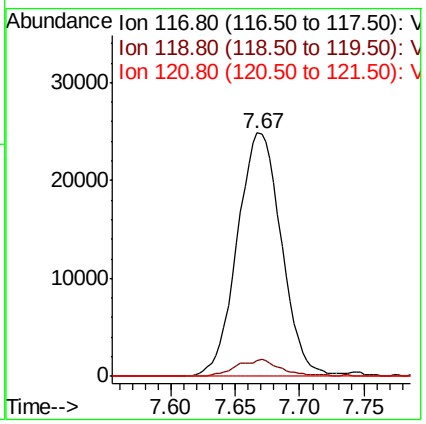


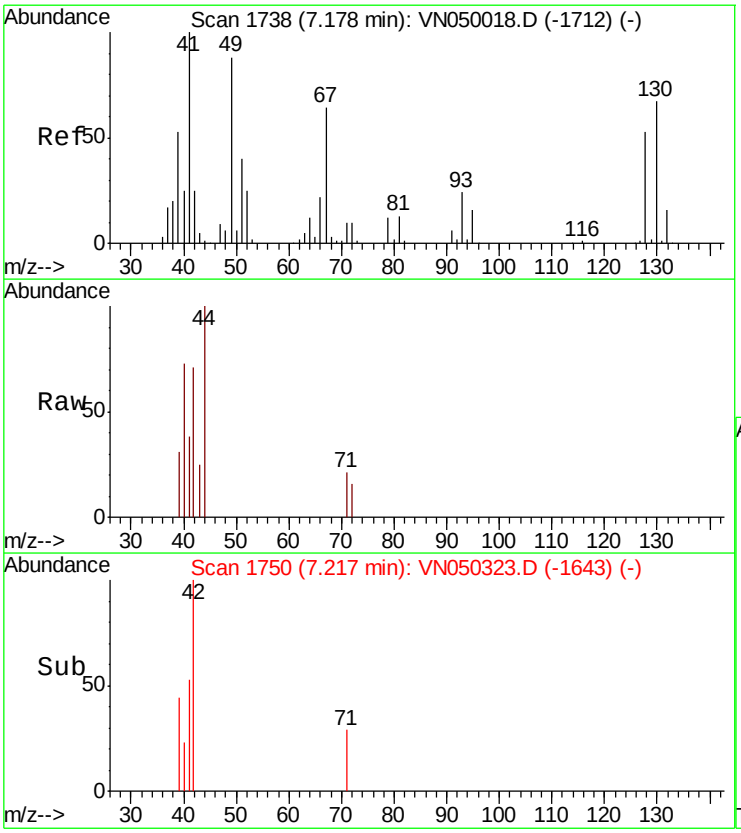
#38
Carbon Tetrachloride
Concen: 4.57 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion:117 Resp: 59306

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	23.9	35.9#

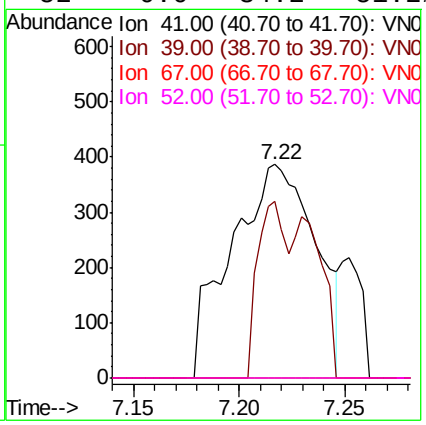


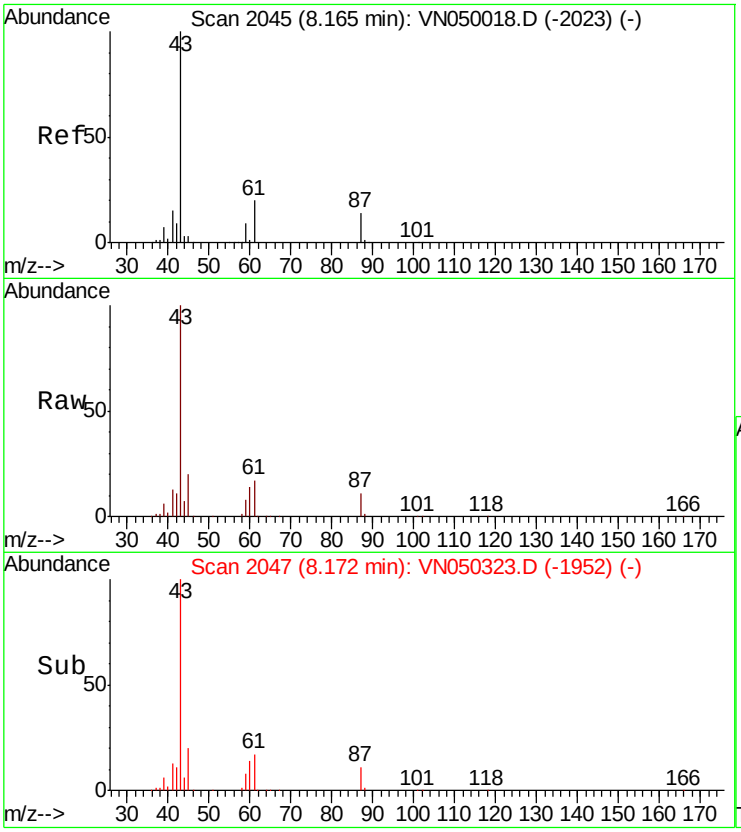


#41
Methacrylonitrile
Concen: 2.98 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 41 Resp: 1081

Ion	Ratio	Lower	Upper
41	100		
39	28.1	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



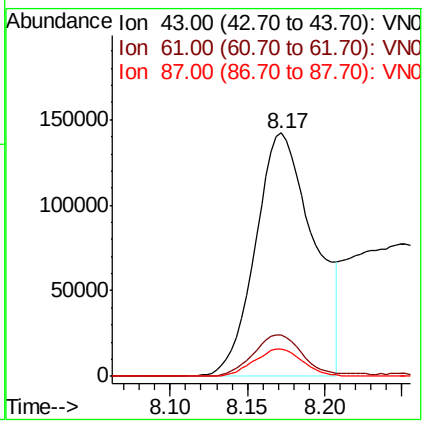


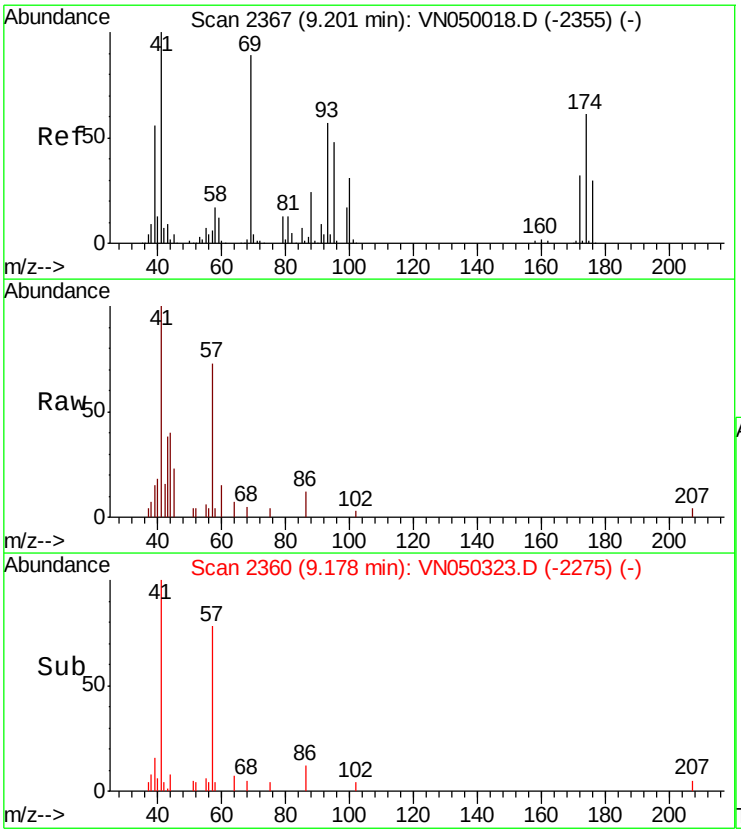
#43
Isopropyl Acetate
Concen: 22.49 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion: 43 Resp: 371428

Ion	Ratio	Lower	Upper
43	100		
61	15.0	15.8	23.6#
87	9.5	10.3	15.5#

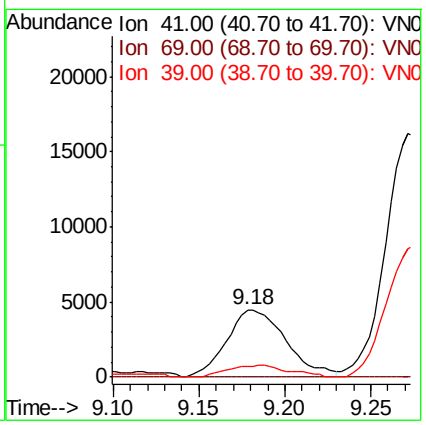


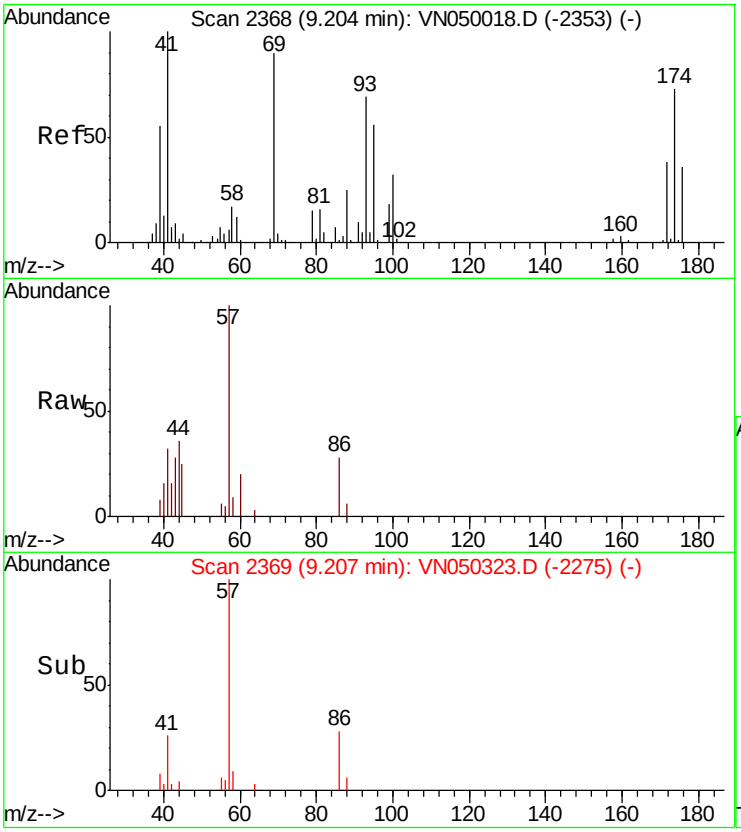


#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.18 min Scan# 2360
Delta R.T. -0.03 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 41 Resp: 10748

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	18.0	43.9	65.9#



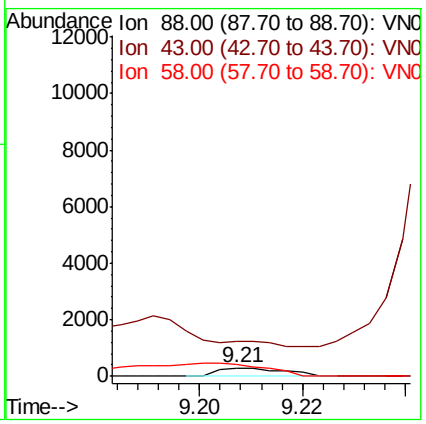


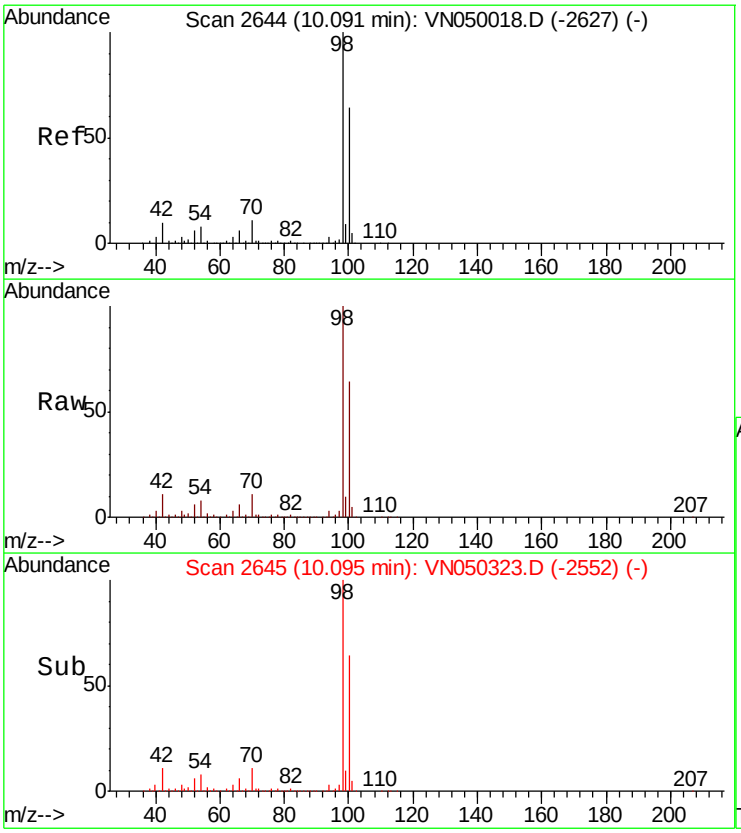
#49
1,4-Dioxane
Concen: 2.55 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 88 Resp: 255

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	331.8	57.3	85.9#

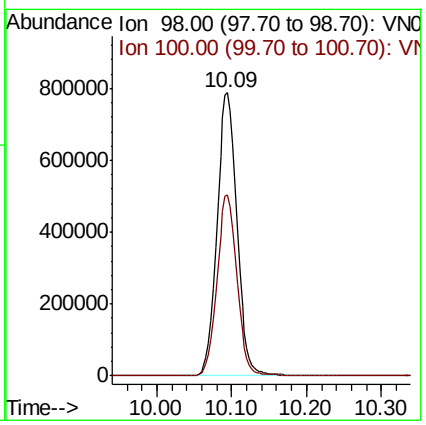


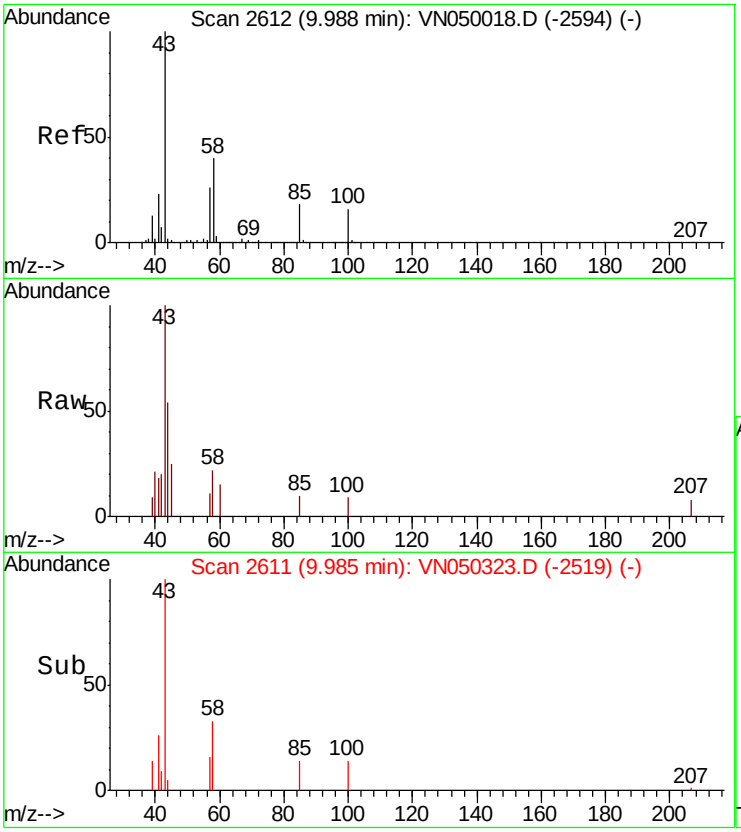


#50
Toluene-d8
Concen: 44.66 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 98 Resp: 1455400

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1



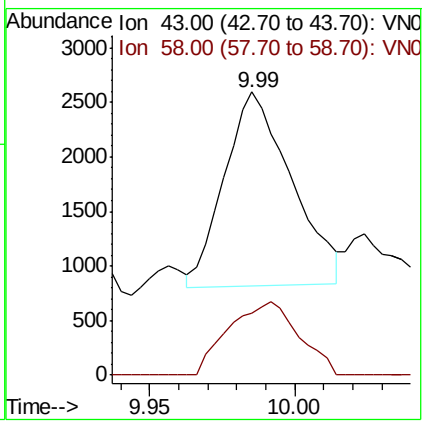


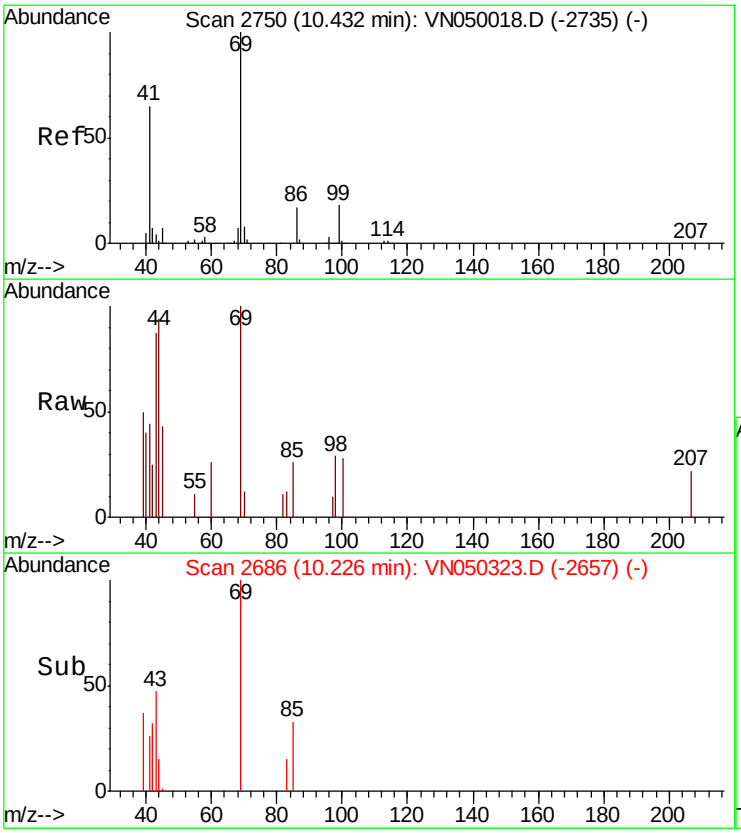
#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 43 Resp: 2864

Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.9	47.9

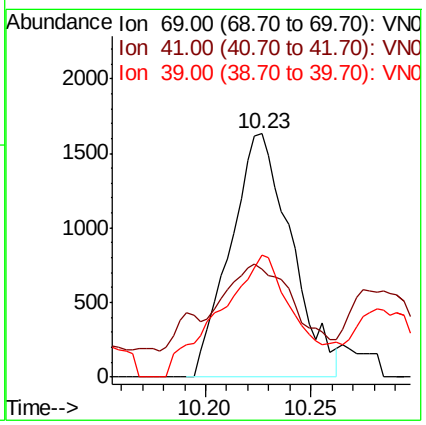


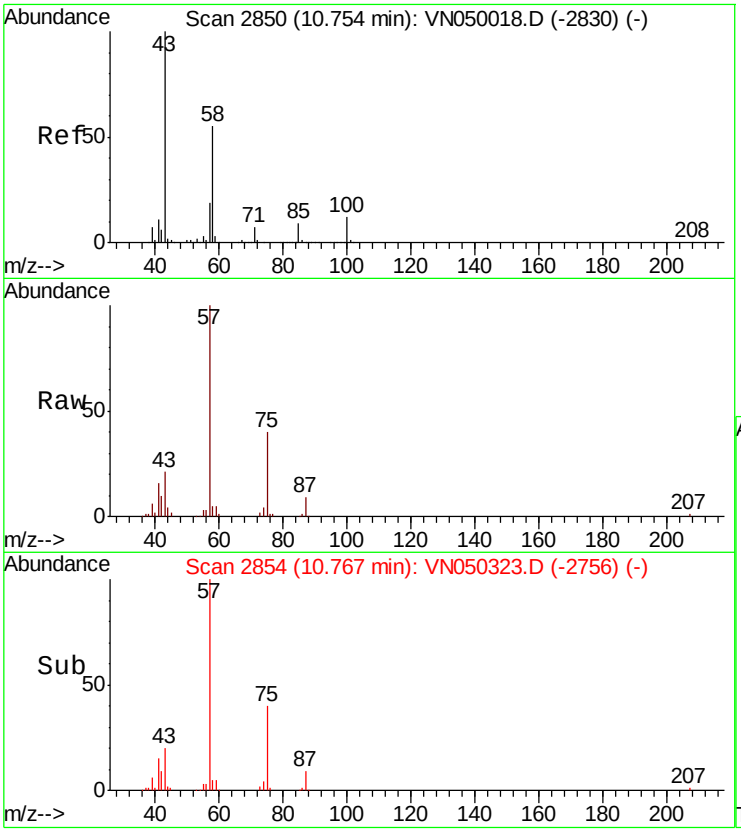


#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 69 Resp: 3280

Ion	Ratio	Lower	Upper
69	100		
41	39.4	51.0	76.4#
39	61.3	26.6	40.0#



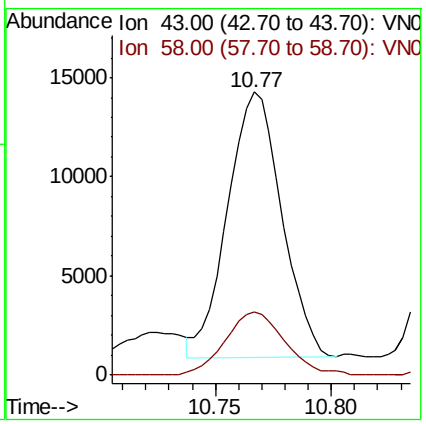


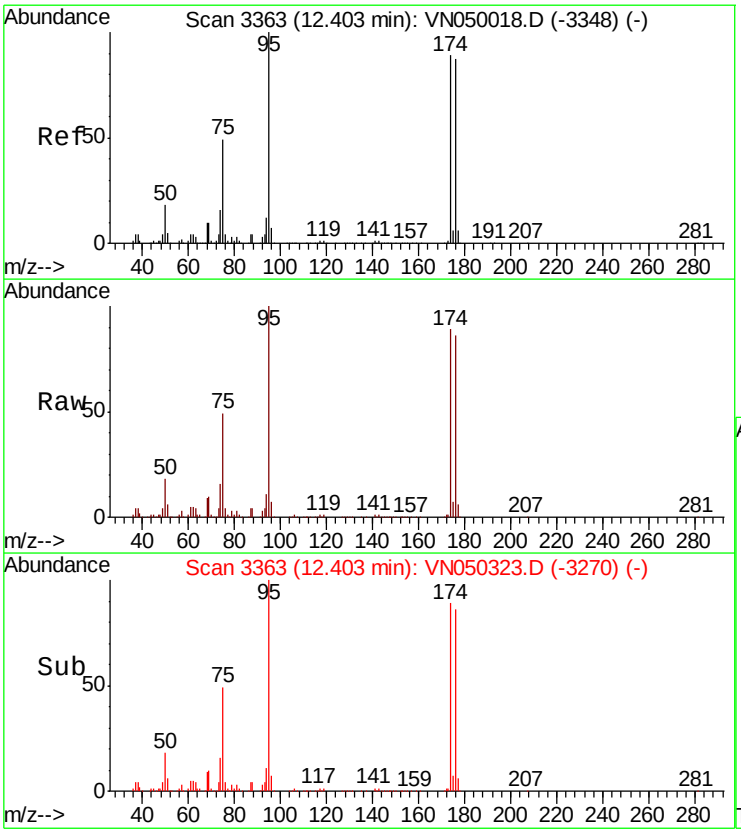
#59
2-Hexanone
Concen: 8.62 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 43 Resp: 21697

Ion	Ratio	Lower	Upper
43	100		
58	26.3	27.6	82.7#

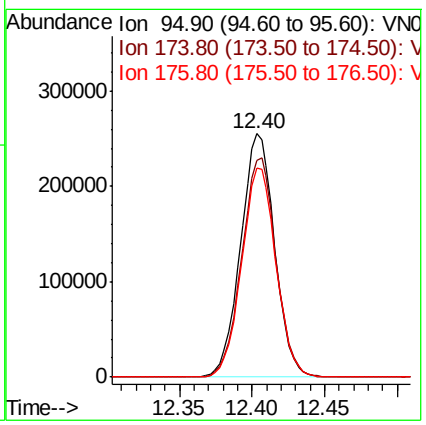


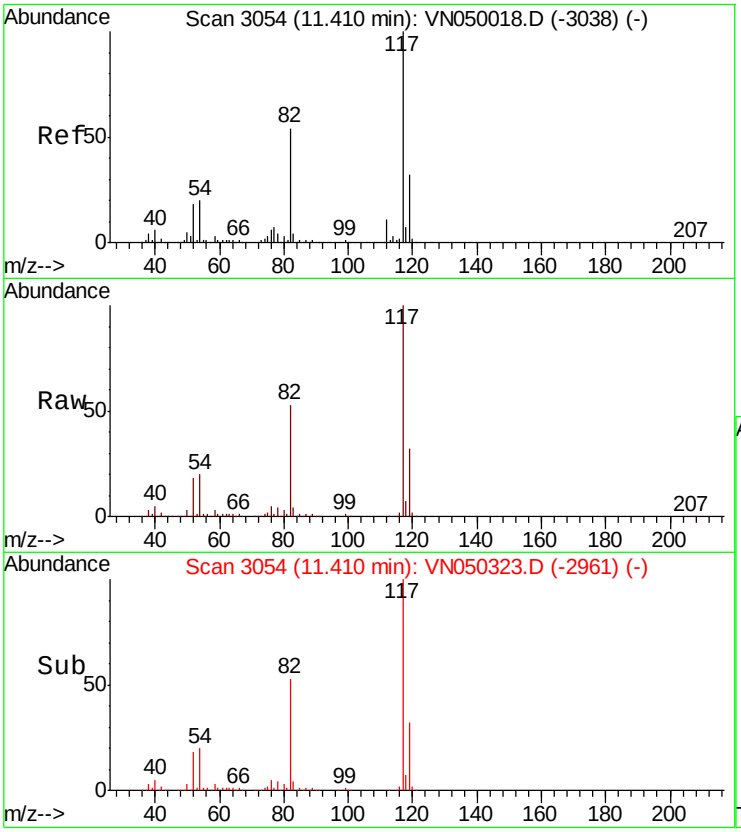


#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 95 Resp: 415457

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	178.2
176	86.9	0.0	173.4



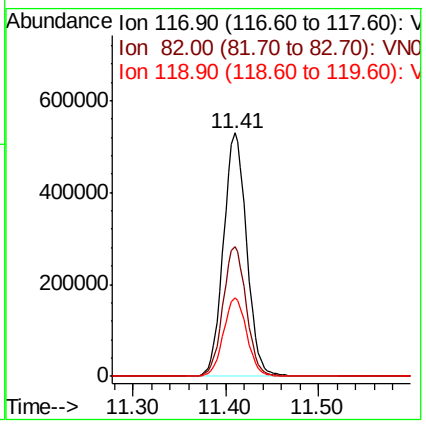


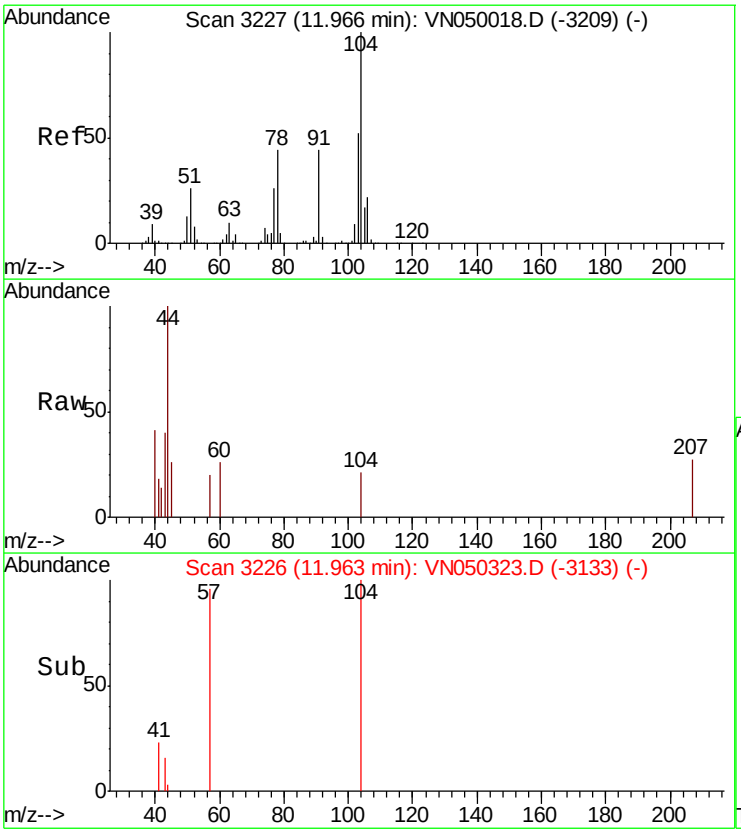
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion:117 Resp: 918824

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.7	65.5
119	32.2	26.1	39.1

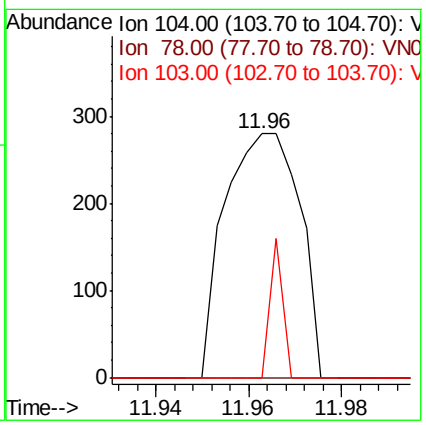


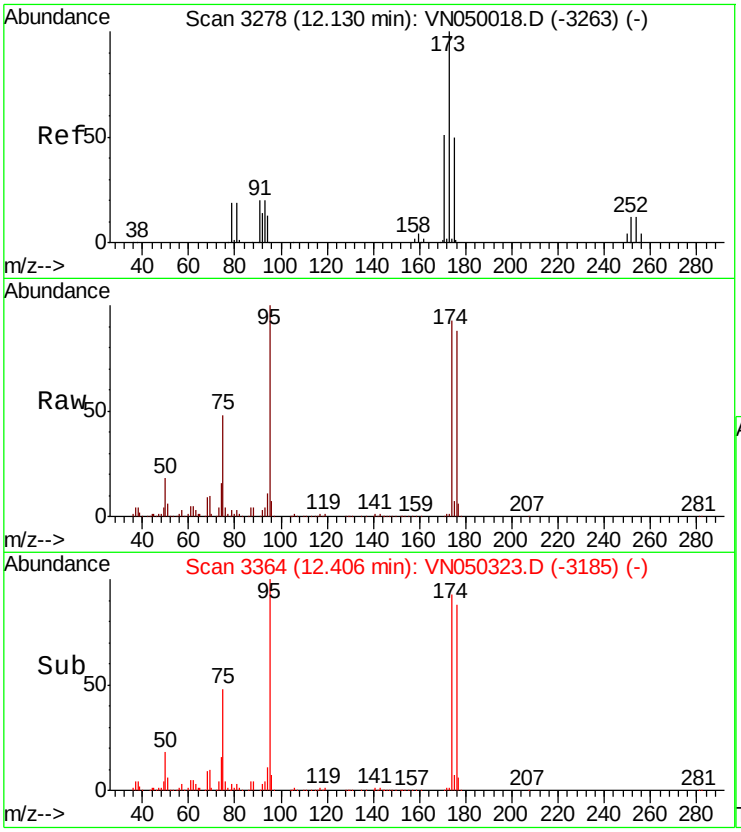


#70
Styrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion:104 Resp: 313

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.3	58.9#
103	9.9	45.0	67.6#



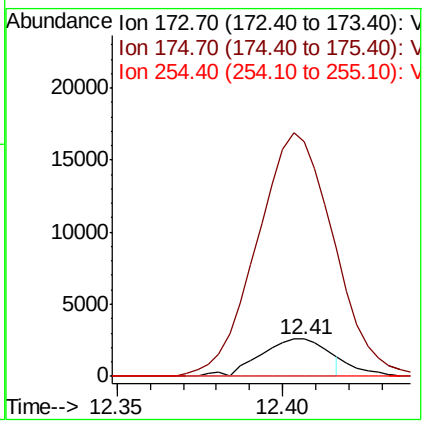


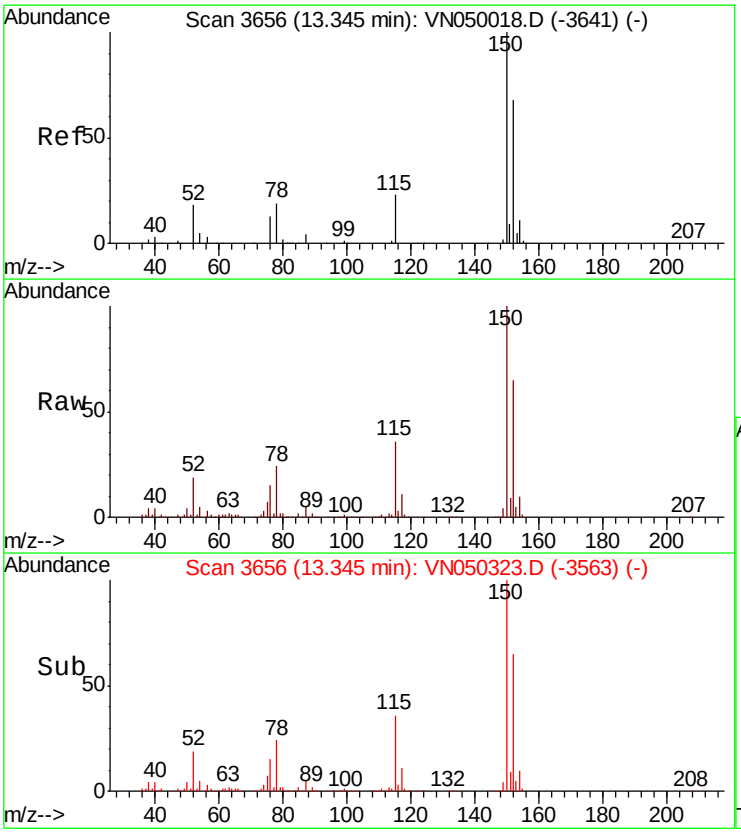
#71
Bromoform
Concen: 0.56 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion:173 Resp: 3652

Ion	Ratio	Lower	Upper
173	100		
175	670.7	24.1	72.2#
254	0.0	0.2	0.2#

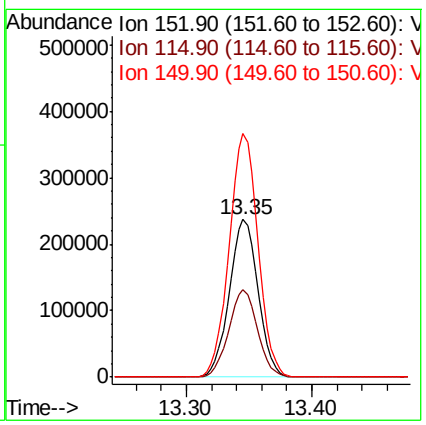


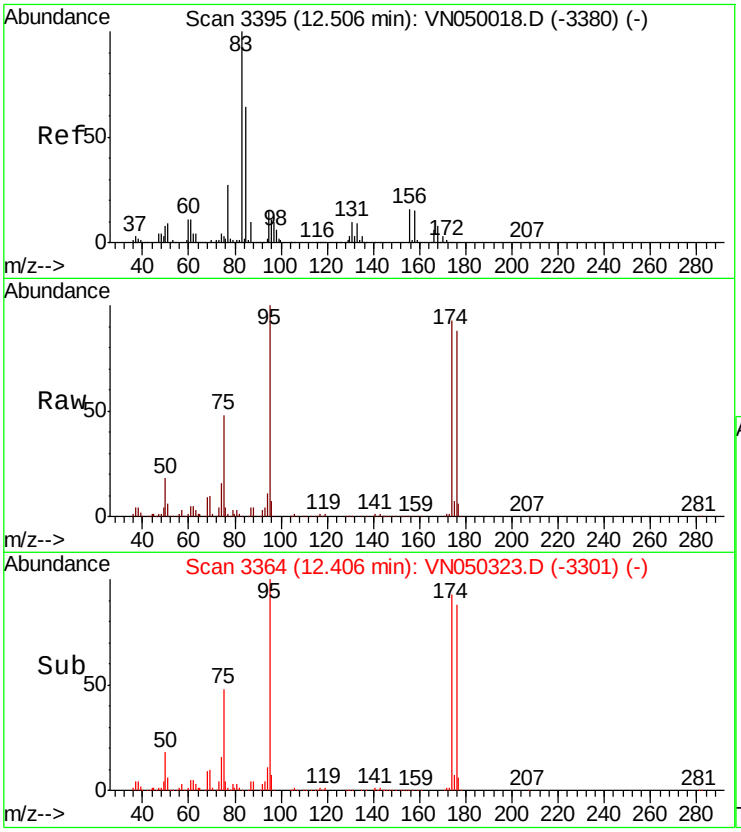


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion:152 Resp: 376771

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	154.7	0.0	348.6



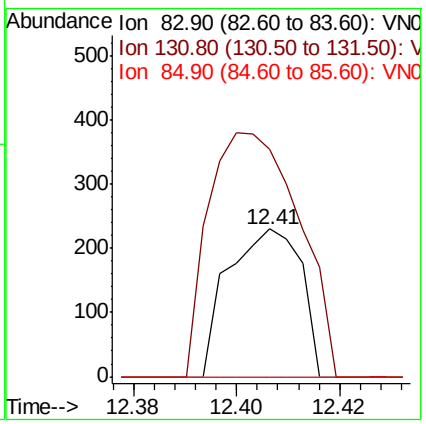


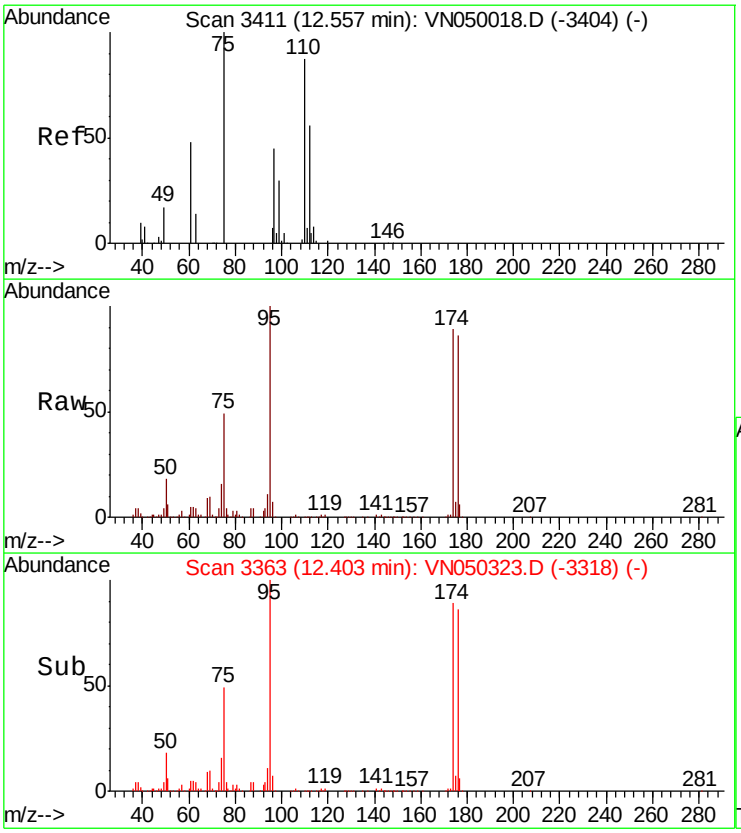
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3364
Delta R.T. -0.10 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument : MSVOA_N
ClientSampleId : PB111719ZHE#08

Tgt Ion: 83 Resp: 225

Ion	Ratio	Lower	Upper
83	100		
131	204.4	5.1	15.3#
85	0.0	32.3	96.8#

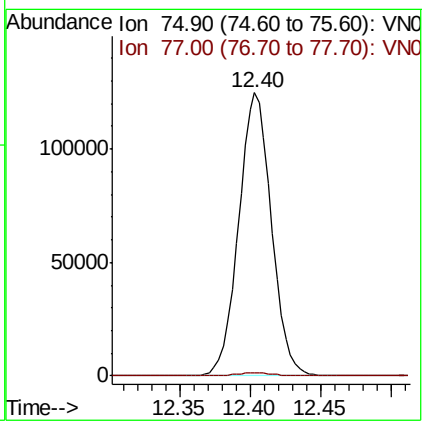


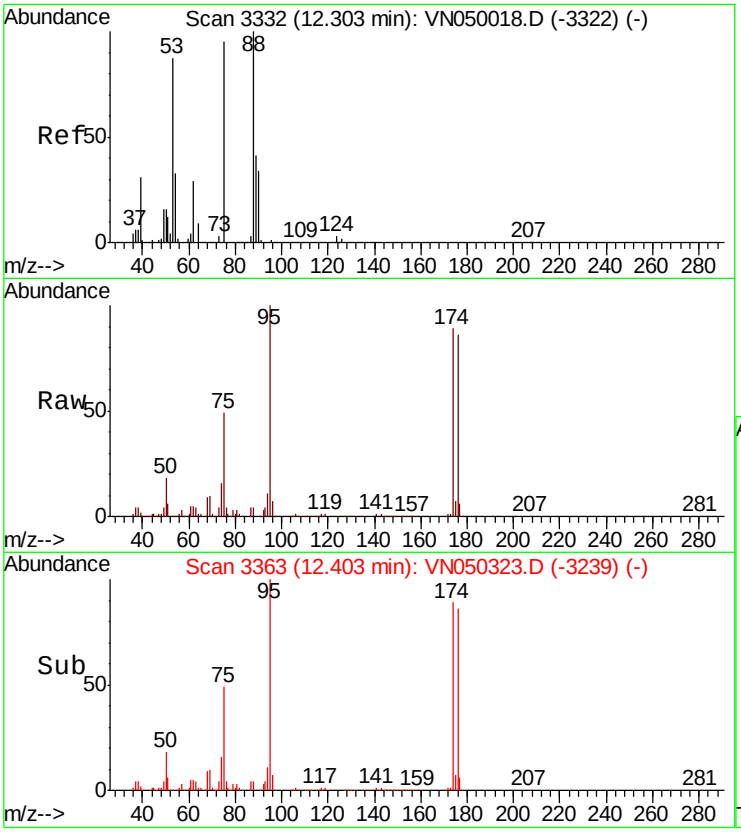


#76
1,2,3-Trichloropropane
Concen: 28.95 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 75 Resp: 202700

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



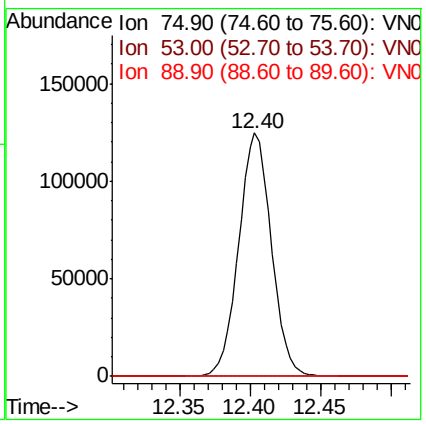


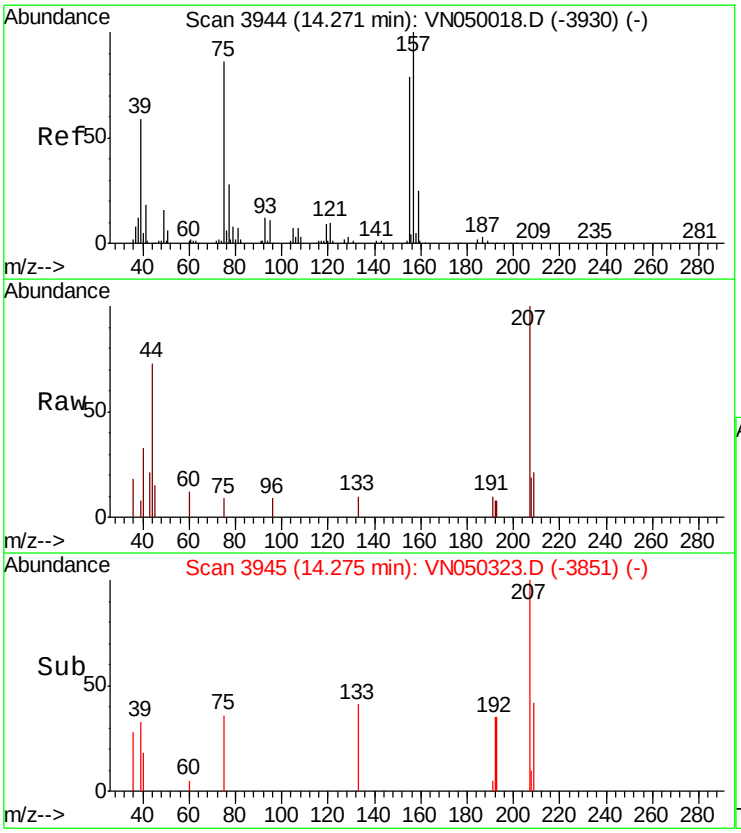
#81
trans-1,4-Dichloro-2-butene
Concen: 91.82 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion: 75 Resp: 202700

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.5	110.3#
89	0.0	36.0	54.0#

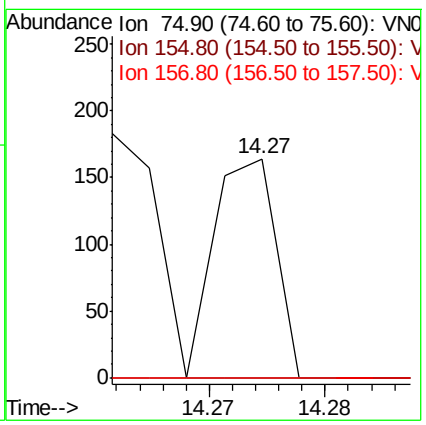


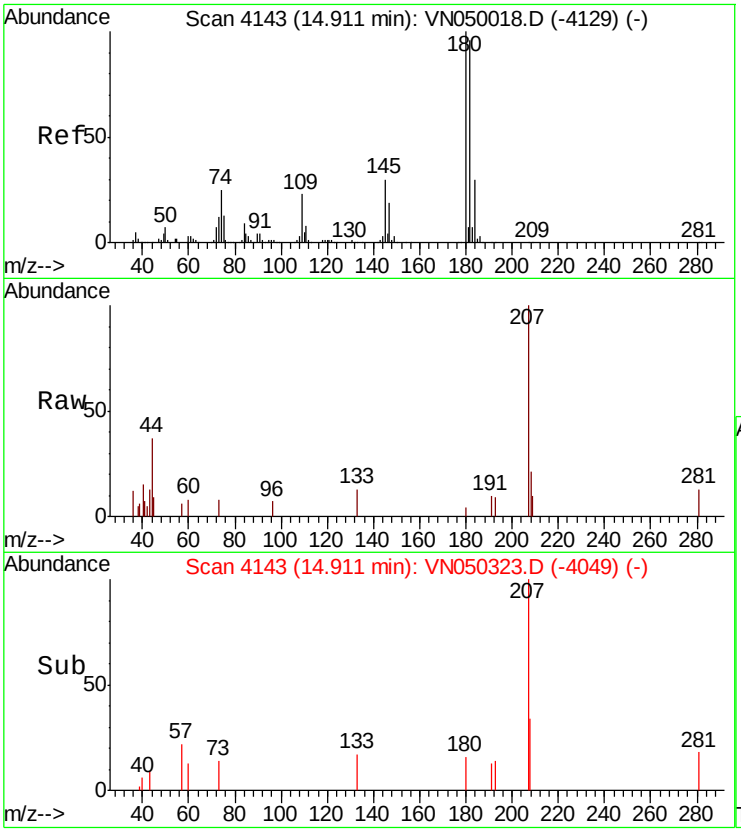


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.27 min Scan# 3945
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion: 75 Resp: 61

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.2	171.6#



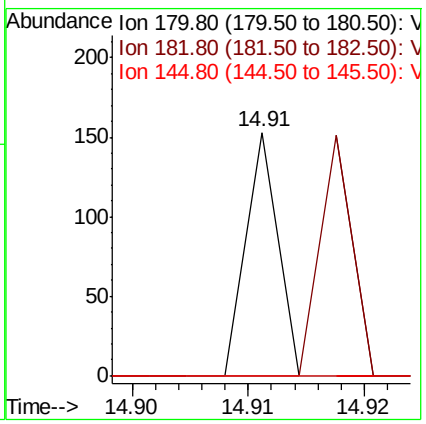


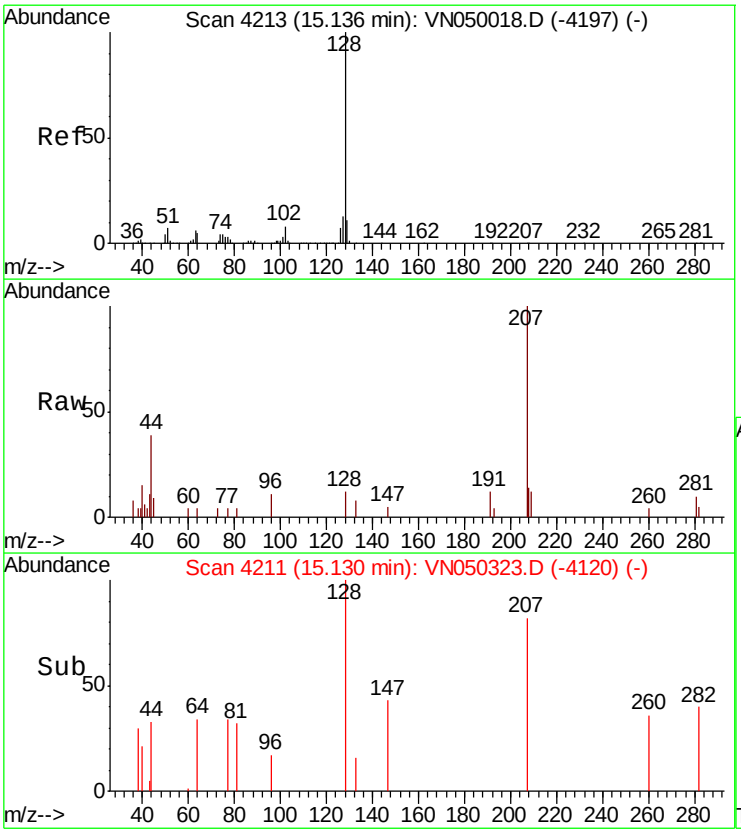
#93
1,2,4-Trichlorobenzene
Concen: 3.09 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#08

Tgt Ion:180 Resp: 30

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.7	140.1
145	0.0	13.8	41.4#





#95
Naphthalene
Concen: 4.45 ug/l
RT: 15.13 min Scan# 4211
Delta R.T. -0.01 min
Lab File: VN050323.D
Acq: 3 Aug 2018 19:32

Tgt Ion:128 Resp: 708

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#