Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090418\
Data File : VN051016.D
Acq On : 4 Sep 2018 13:52
Operator : MD\SY
Sample : PB112553ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Quant Time: Sep 05 01:08:19 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	592344	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	952606	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	805963	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253927	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	381122	53.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.90%				
35) Dibromofluoromethane	7.59	113	366030	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.60%				
50) Toluene-d8	10.09	98	1305927	46.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.18%				
62) 4-Bromofluorobenzene	12.40	95	337982	35.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 71.80%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	2203	0.23	ug/l	#	82
5) Bromomethane	2.57	94	2547	Below Cal		#	71
10) Methyl Iodide	3.97	142	584	6.42	ug/l	#	43
11) Tert butyl alcohol	4.81	59	123	0.27	ug/l	#	72
16) Acetone	3.83	43	9660	Below Cal			91
18) Methyl Acetate	4.34	43	10573	1.57	ug/l		96
20) Methylene Chloride	4.55	84	10868	1.35	ug/l		98
25) 2-Butanone	6.86	43	7349	2.56	ug/l	#	82
31) Cyclohexane	7.66	56	9765	1.26	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	39172	3.48	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	52094	4.58	ug/l	#	17
43) Isopropyl Acetate	8.17	43	230656	20.78	ug/l		98
48) Methyl methacrylate	9.18	41	7343	1.30	ug/l	#	16
51) 4-Methyl-2-Pentanone	9.99	43	2243	0.34	ug/l	#	87
56) Ethyl methacrylate	10.43	69	98	2.36	ug/l	#	28
59) 2-Hexanone	10.77	43	17161	3.89	ug/l		68
70) Styrene	11.97	104	378	1.29	ug/l	#	26
75) 1,1,2,2-Tetrachloroethane	12.41	83	62	Below Cal		#	1
76) 1,2,3-Trichloropropane	12.40	75	159398	35.84	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	159398	121.16	ug/l	#	15
93) 1,2,4-Trichlorobenzene	14.91	180	712	4.22	ug/l	#	53
94) Hexachlorobutadiene	15.01	225	275	Below Cal		#	26
95) Naphthalene	15.13	128	1678	5.55	ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.31	180	740	3.45	ug/l	#	83

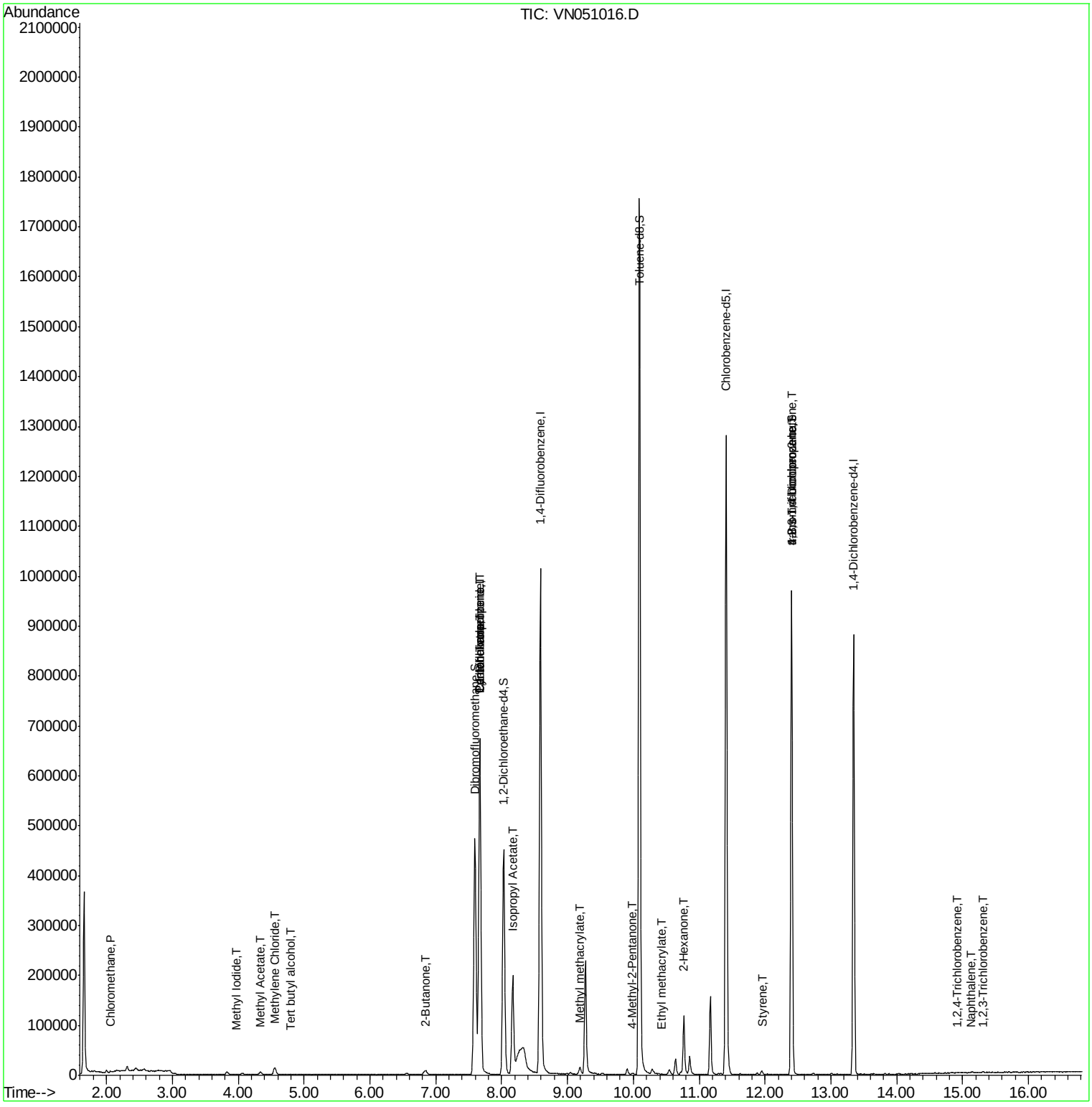
(#) = qualifier out of range (m) = manual integration (+) = signals summed

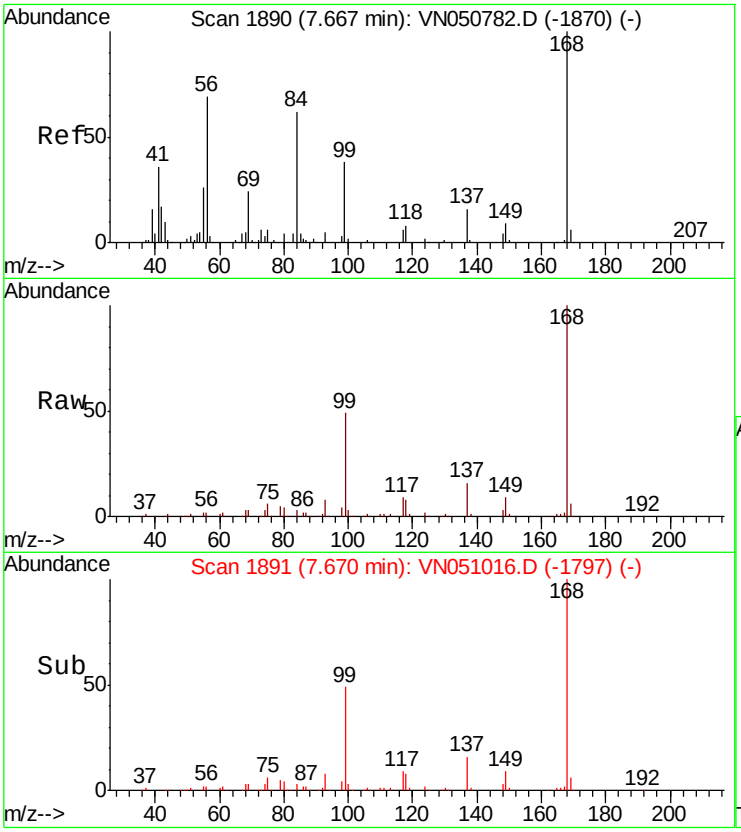
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
Data File : VN051016.D
Acq On : 4 Sep 2018 13:52
Operator : MD\SY
Sample : PB112553ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Quant Time: Sep 05 01:08:19 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration



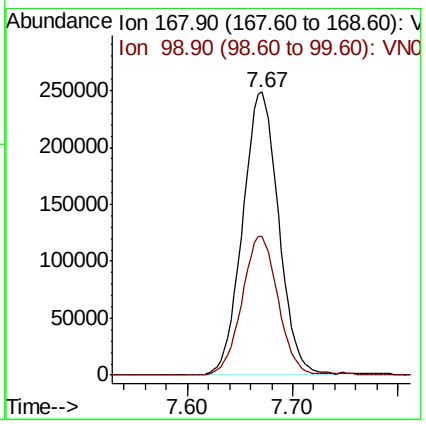


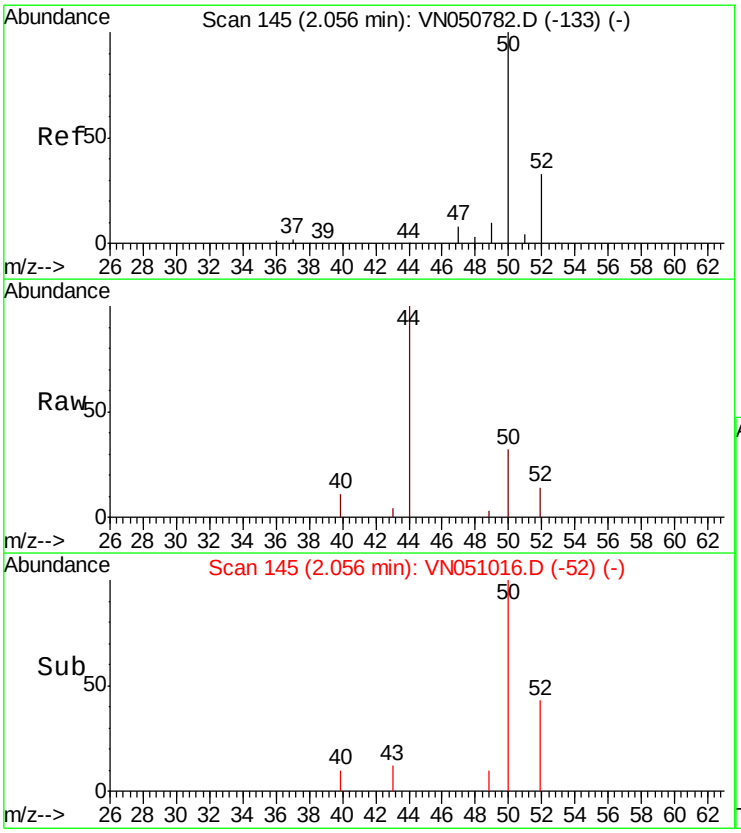
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion:168 Resp: 592344

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.6	59.4

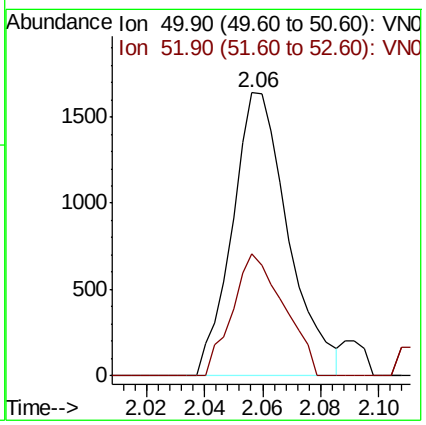


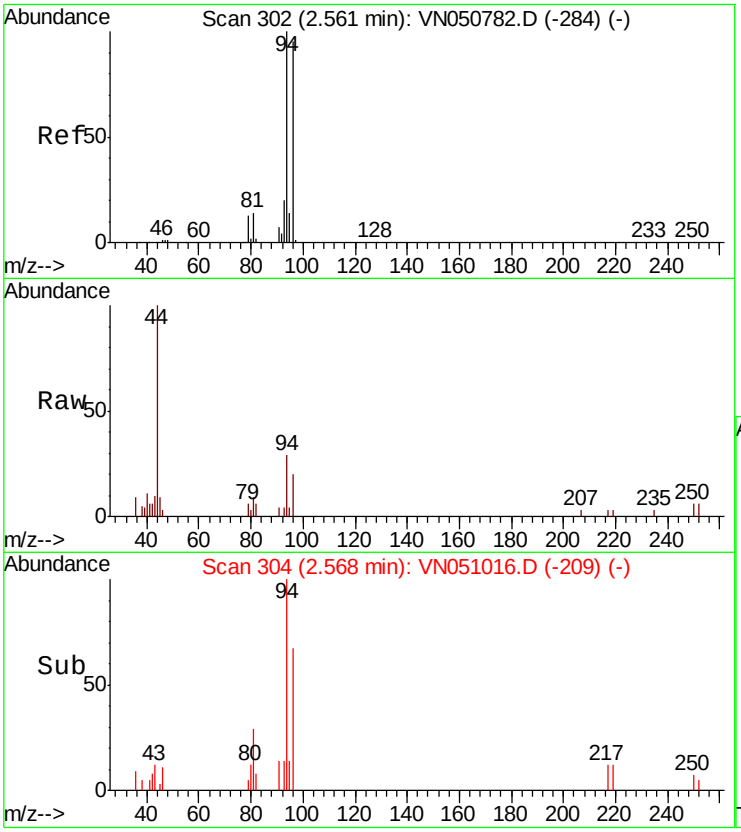


#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 50 Resp: 2203

Ion	Ratio	Lower	Upper
50	100		
52	43.0	26.3	39.5#



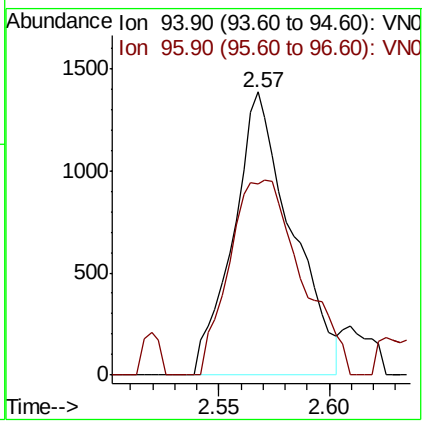


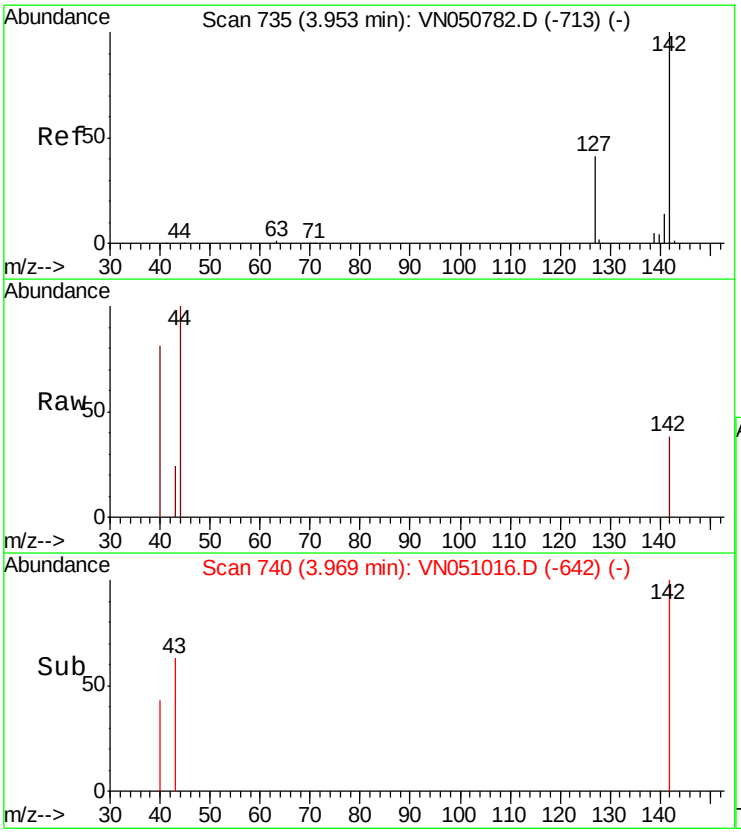
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 304
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion: 94 Resp: 2547

Ion	Ratio	Lower	Upper
94	100		
96	67.4	76.2	114.2#

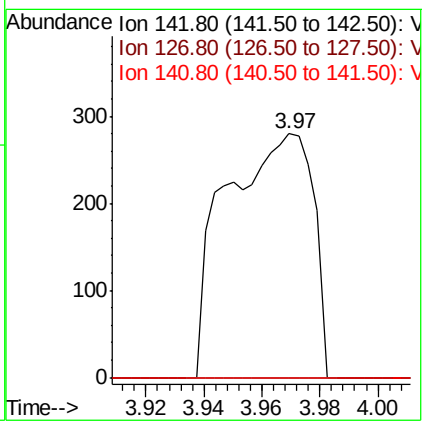


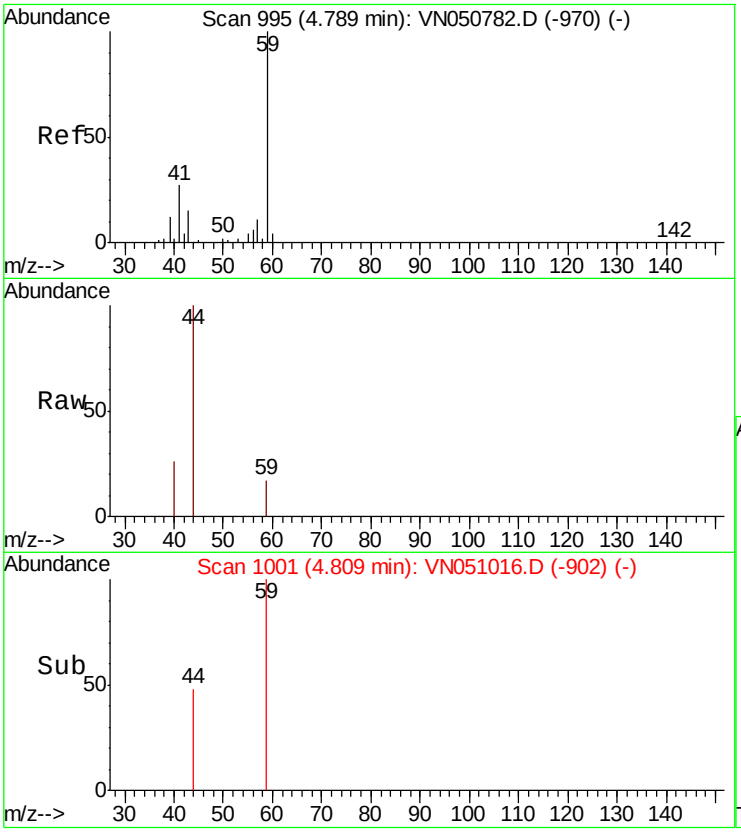


#10
Methyl Iodide
Concen: 6.42 ug/l
RT: 3.97 min Scan# 740
Delta R.T. 0.02 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion:142 Resp: 584

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.7	47.5#
141	0.0	11.4	17.0#



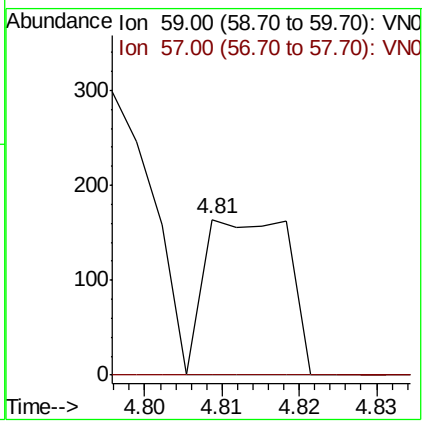


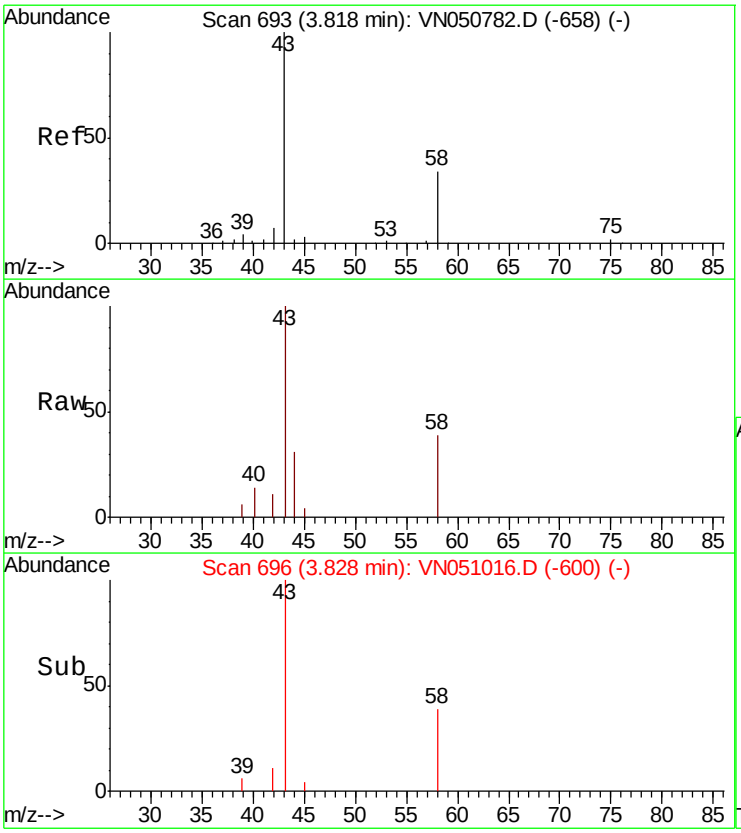
#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.02 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion: 59 Resp: 123

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

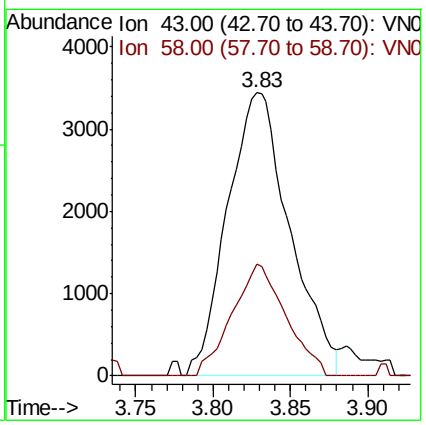


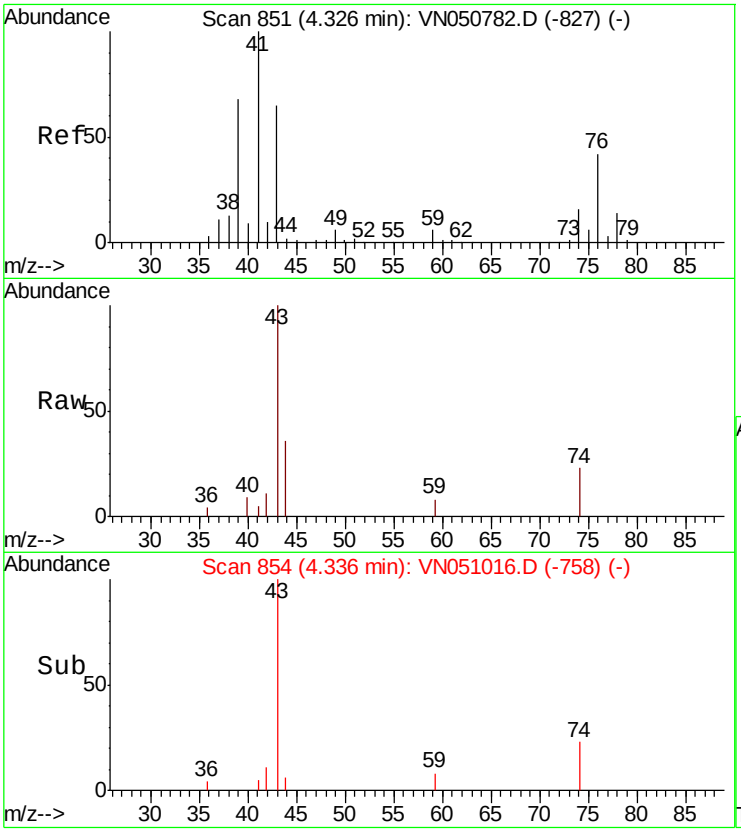


#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 43 Resp: 9660

Ion	Ratio	Lower	Upper
43	100		
58	39.3	27.2	40.8



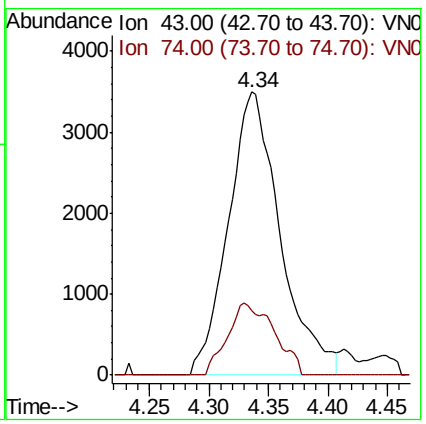


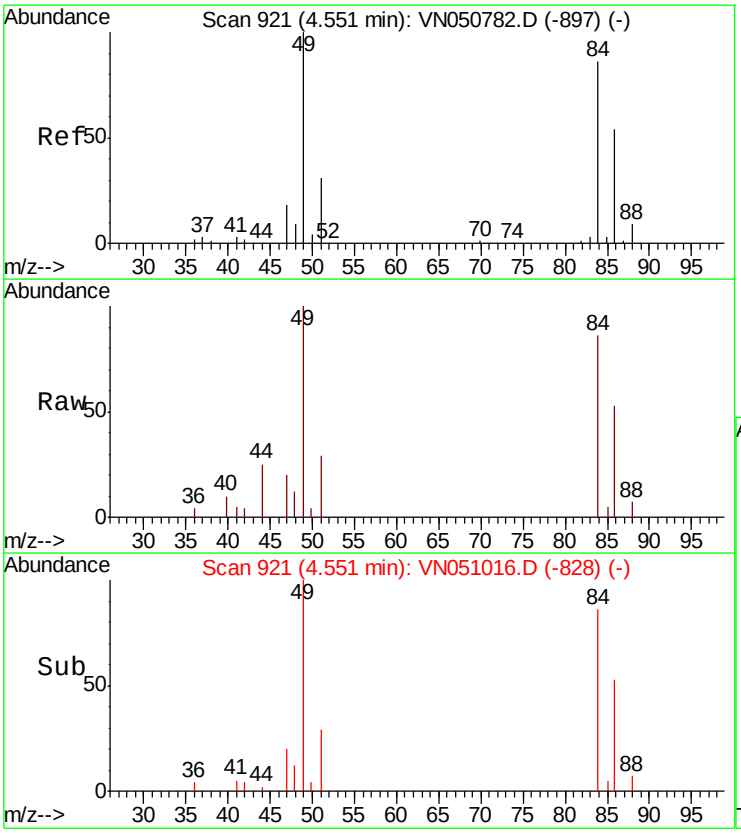
#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion: 43 Resp: 10573

Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.8	29.8

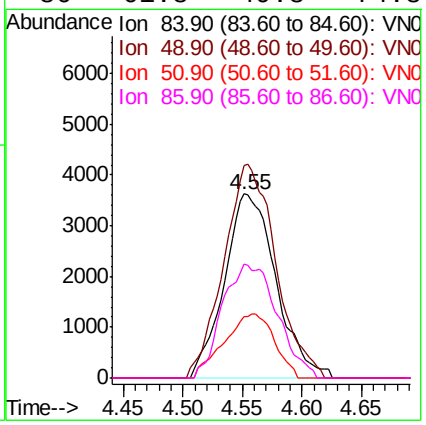


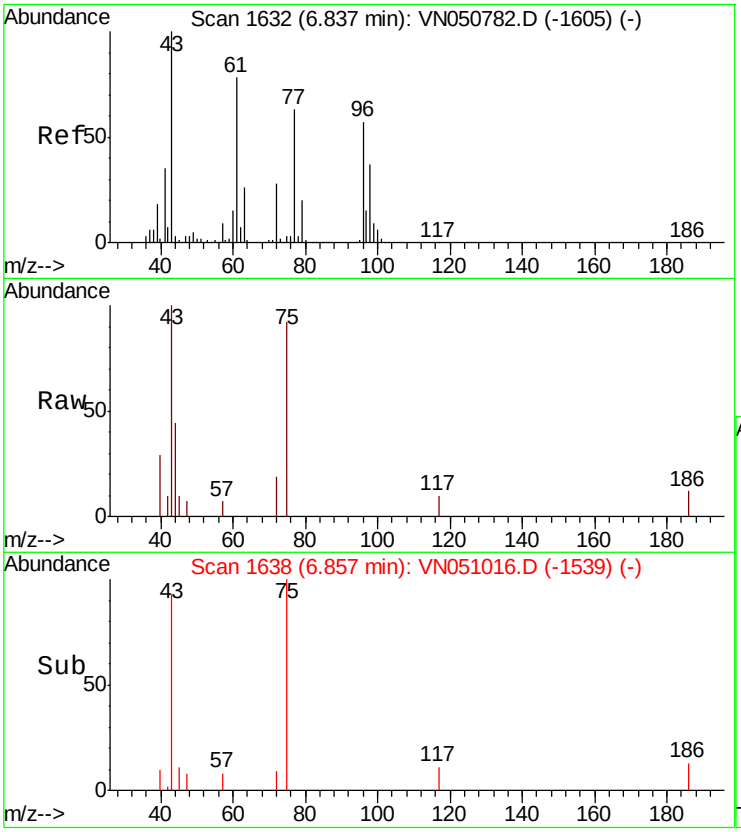


#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 84 Resp: 10868

Ion	Ratio	Lower	Upper
84	100		
49	115.7	93.2	139.8
51	33.1	29.0	43.6
86	61.8	49.8	74.8



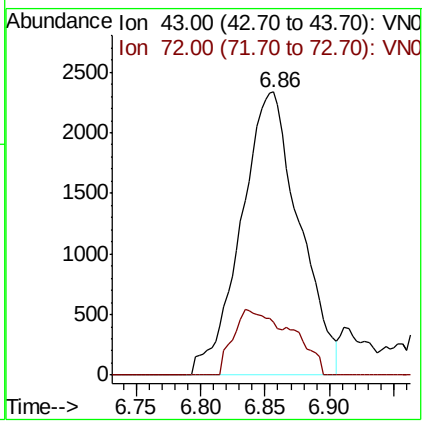


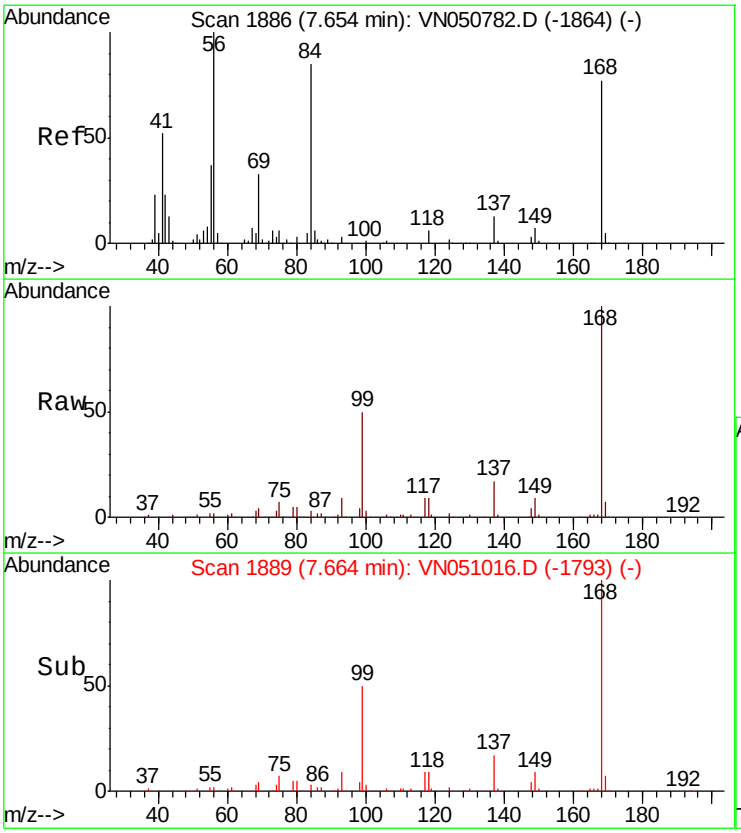
#25
2-Butanone
Concen: 2.56 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion: 43 Resp: 7349

Ion	Ratio	Lower	Upper
43	100		
72	18.7	22.3	33.5#

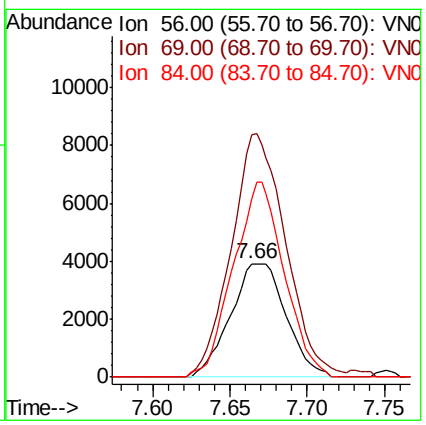


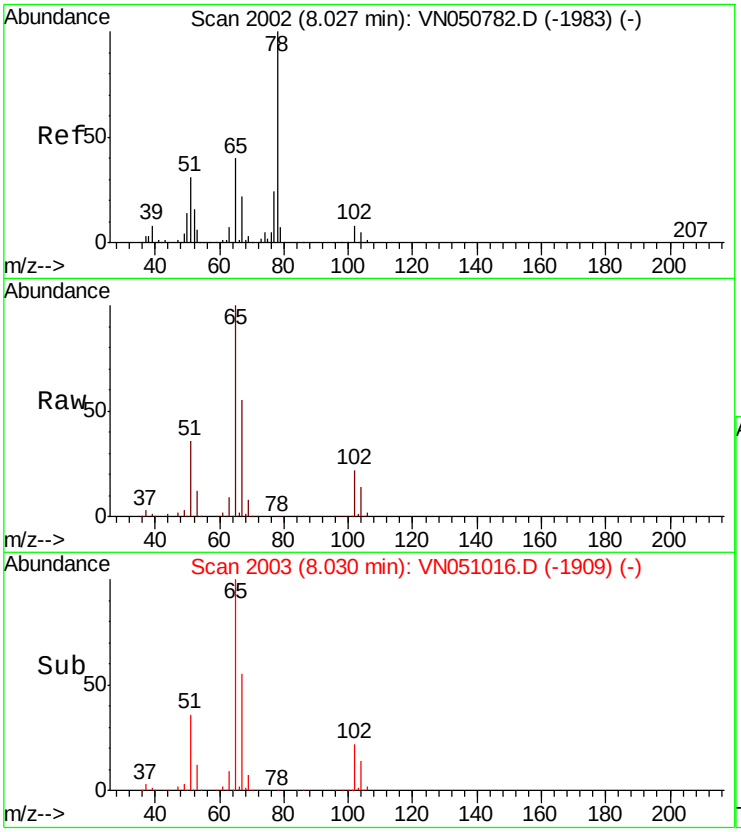


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 56 Resp: 9765

Ion	Ratio	Lower	Upper
56	100		
69	213.4	26.2	39.4#
84	156.5	68.3	102.5#



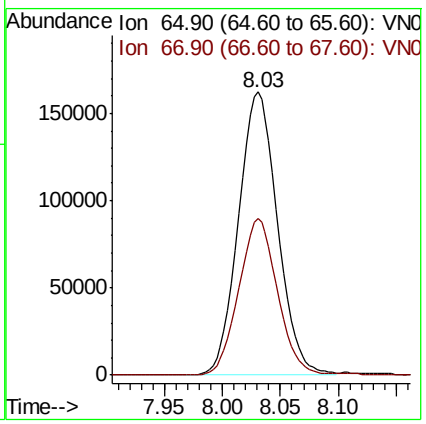


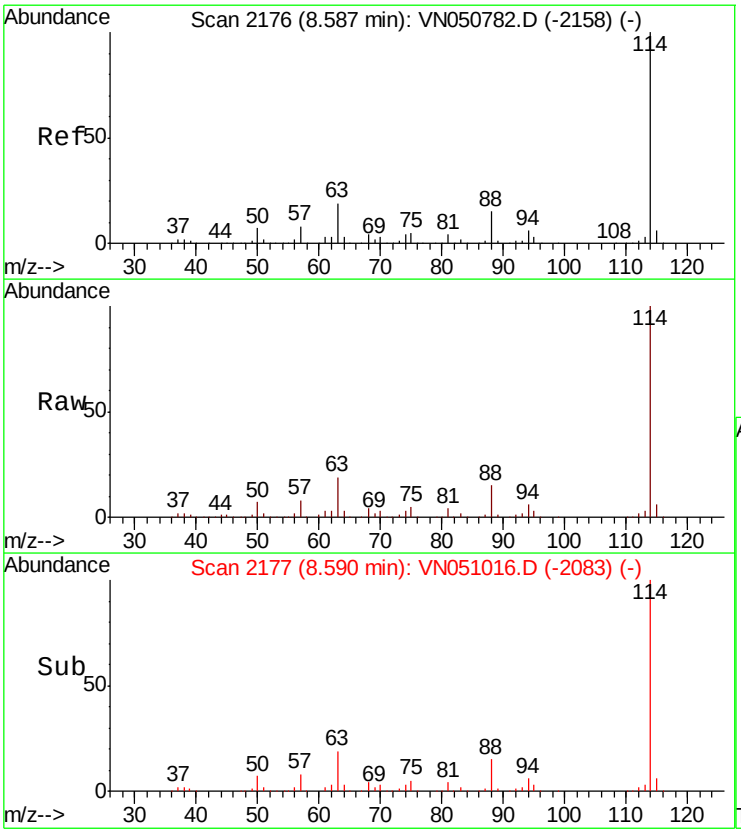
#33
1,2-Dichloroethane-d4
Concen: 53.45 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion: 65 Resp: 381122

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.4

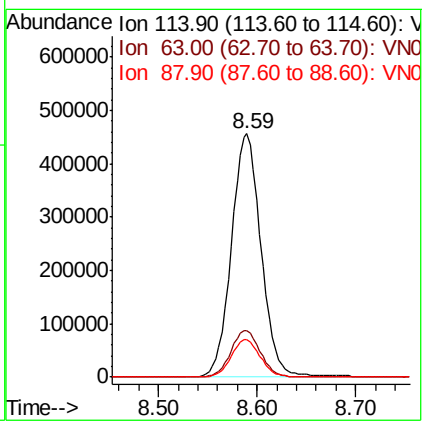


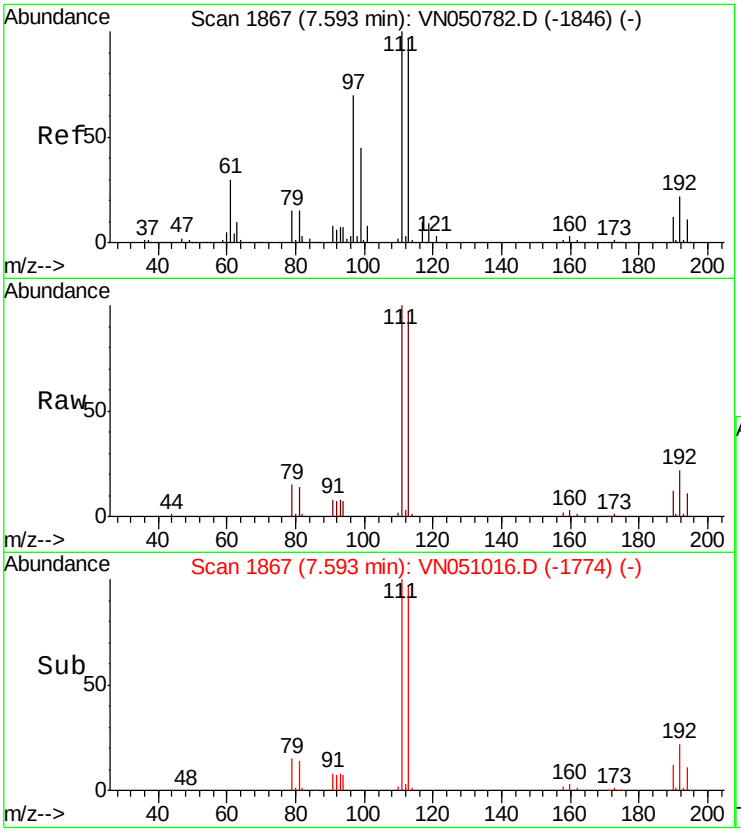


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion:114 Resp: 952606

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.2	0.0	30.6



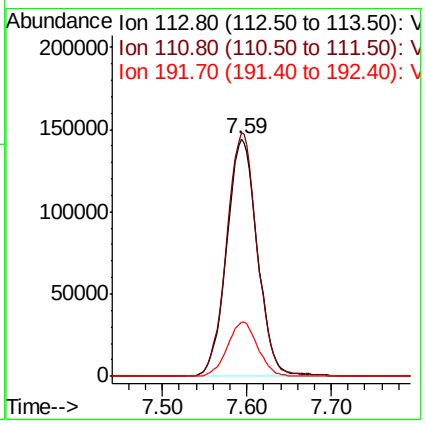


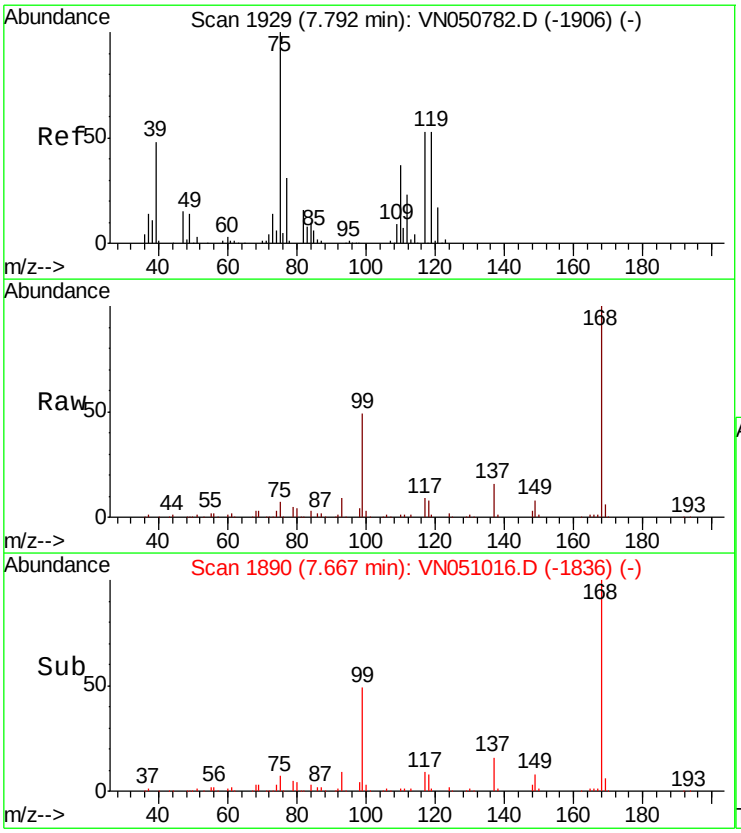
#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion:113 Resp: 366030

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	22.6	18.0	27.0

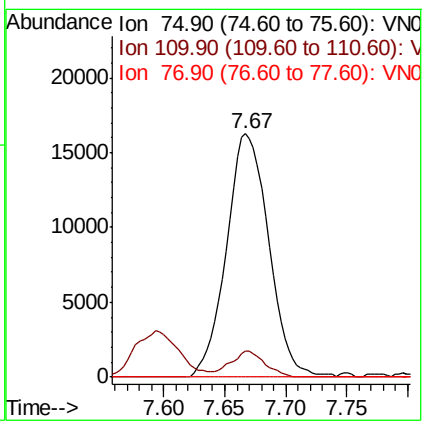


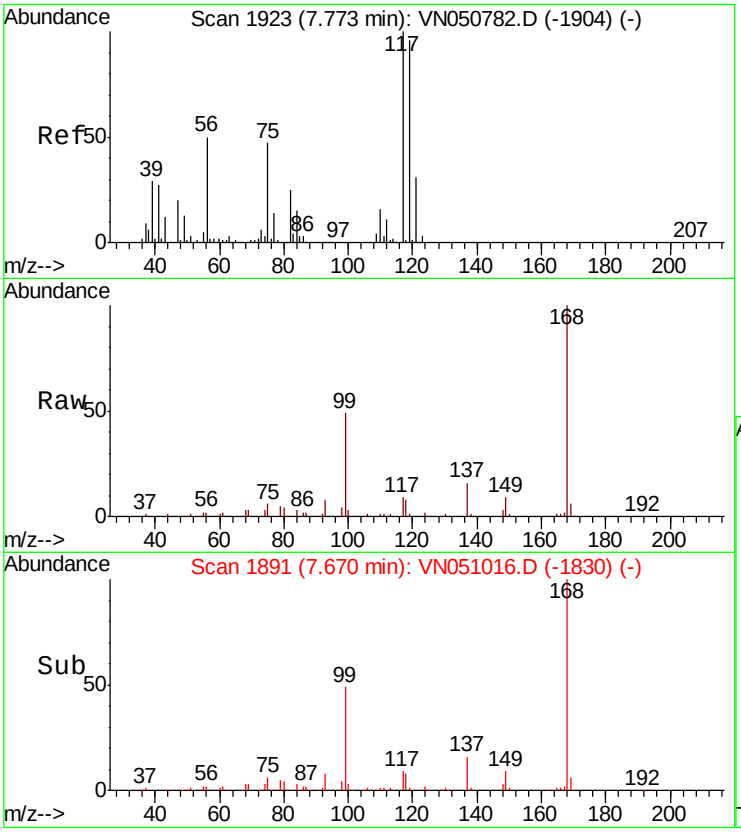


#36
1,1-Dichloropropene
Concen: 3.48 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 75 Resp: 39172

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	24.8	37.2#



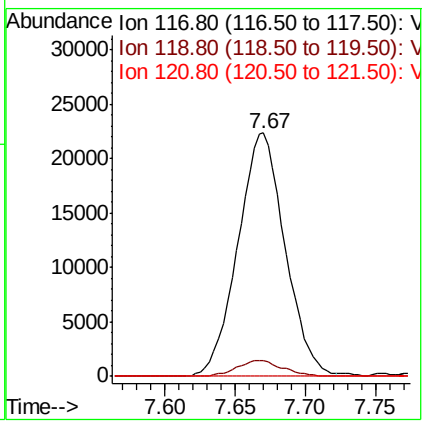


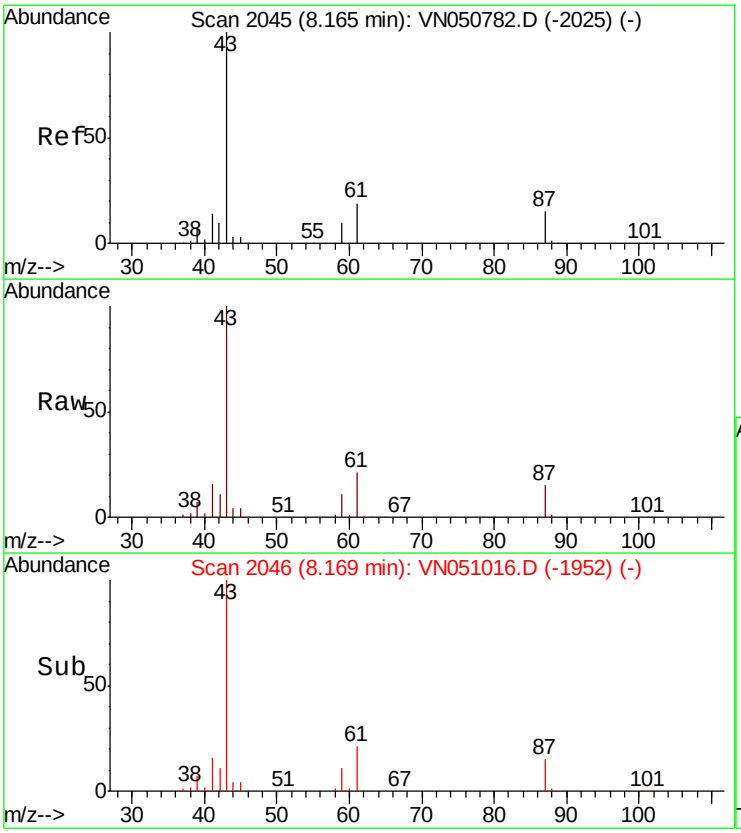
#38
Carbon Tetrachloride
Concen: 4.58 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion:117 Resp: 52094

Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.0	24.6	36.8#

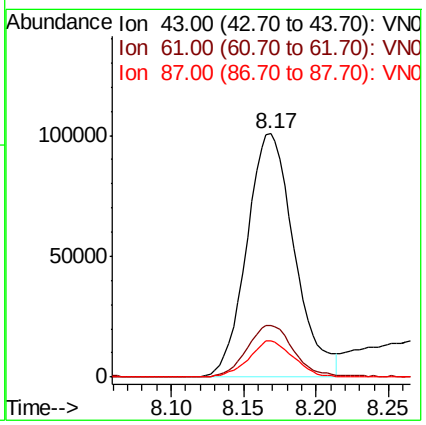


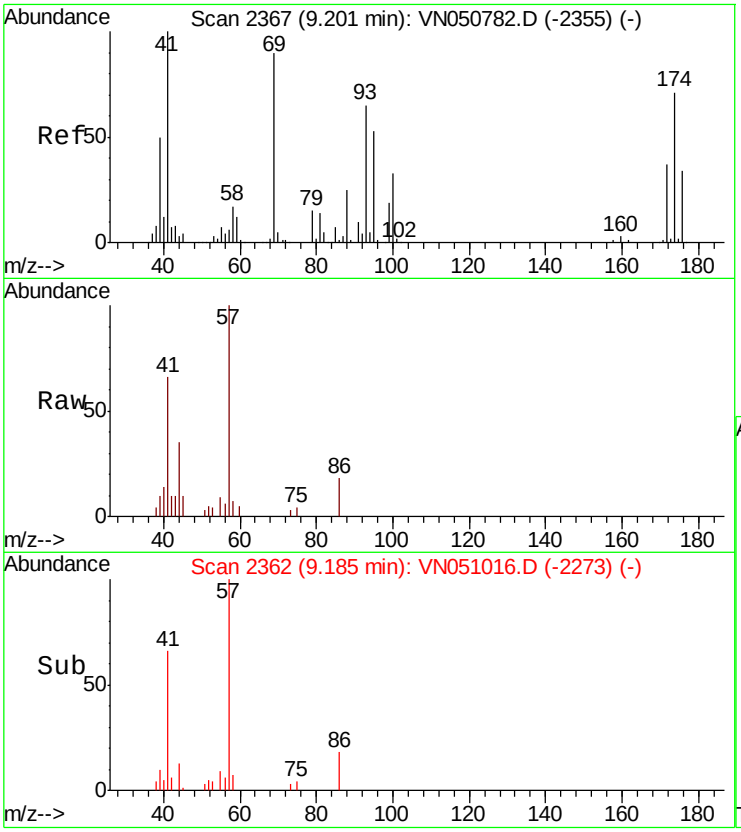


#43
Isopropyl Acetate
Concen: 20.78 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 43 Resp: 230656

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.5	26.3
87	13.9	11.3	16.9



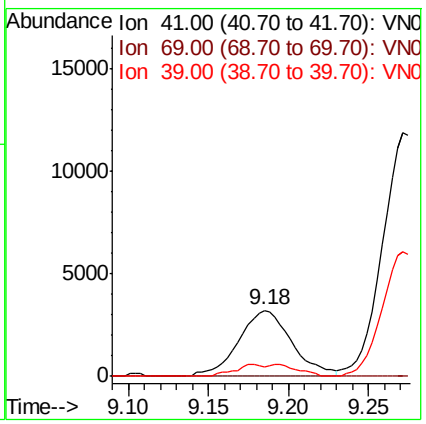


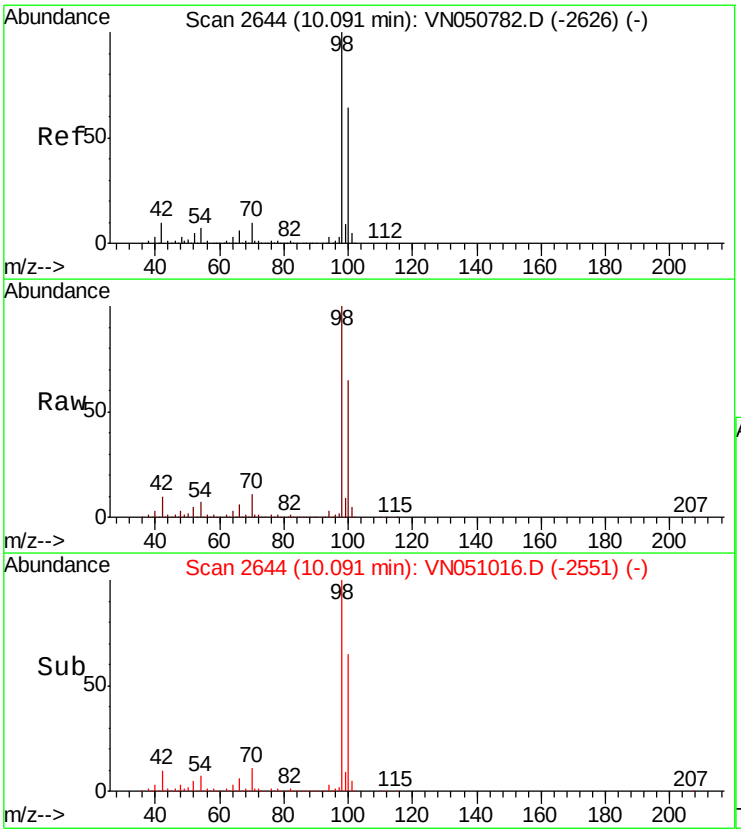
#48
Methyl methacrylate
Concen: 1.30 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion: 41 Resp: 7343

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	9.7	42.2	63.2#

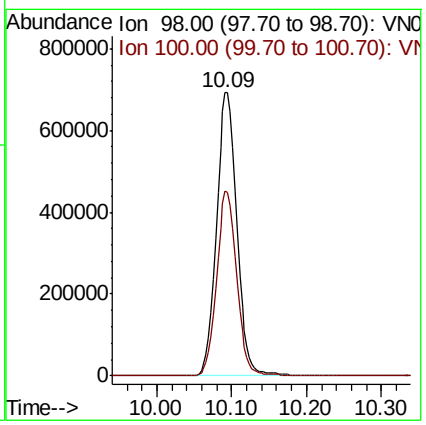


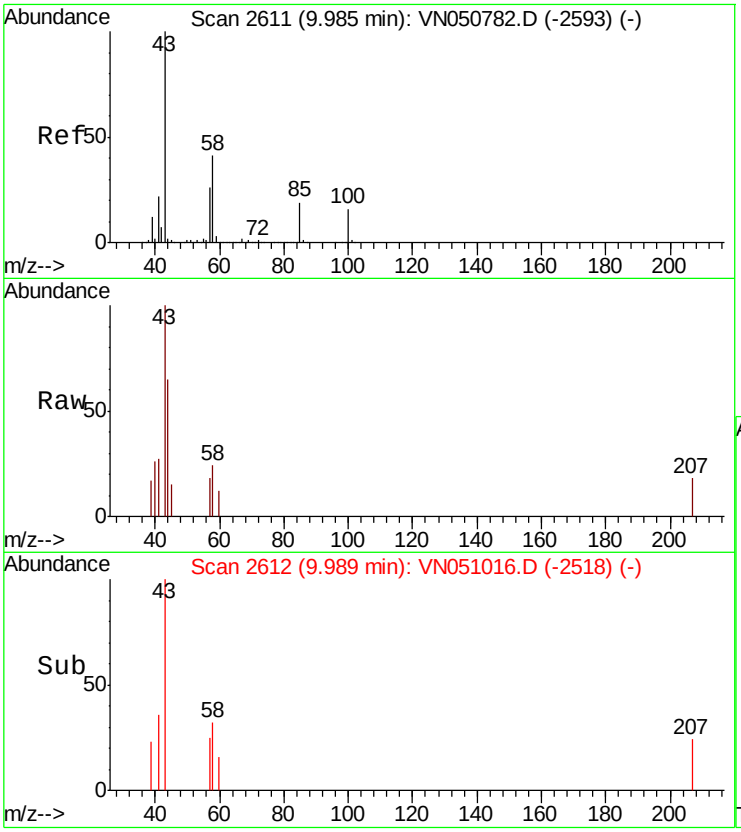


#50
Toluene-d8
Concen: 46.09 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 98 Resp: 1305927

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



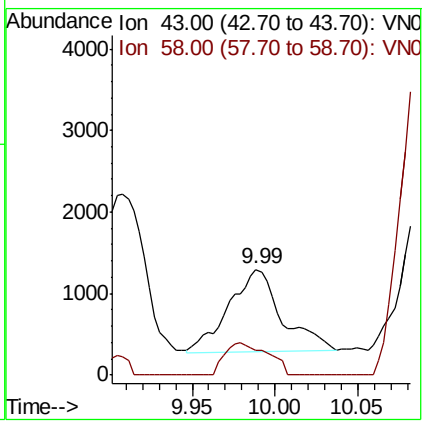


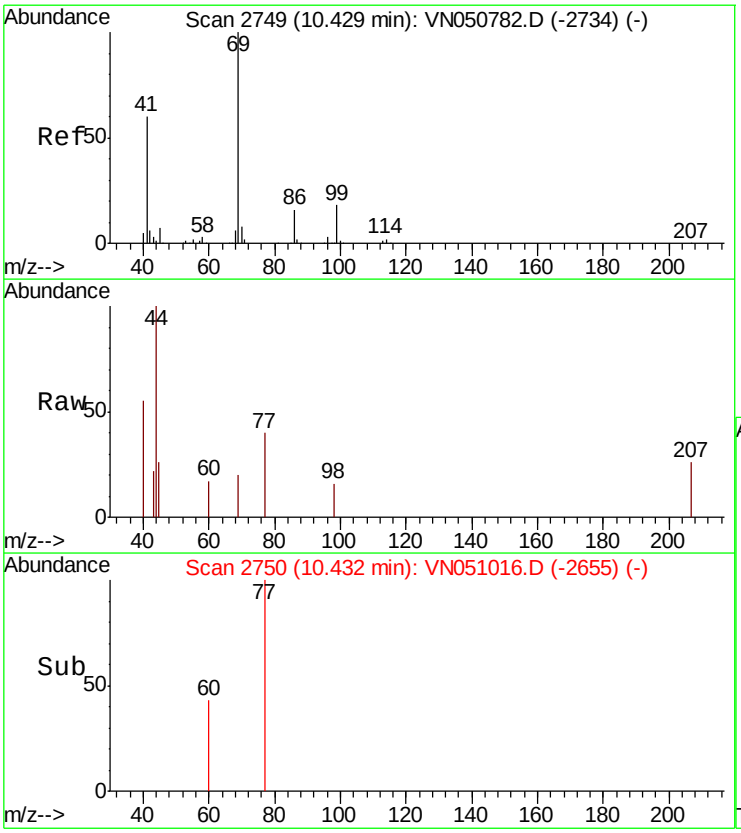
#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion: 43 Resp: 2243

Ion	Ratio	Lower	Upper
43	100		
58	32.2	32.4	48.6#

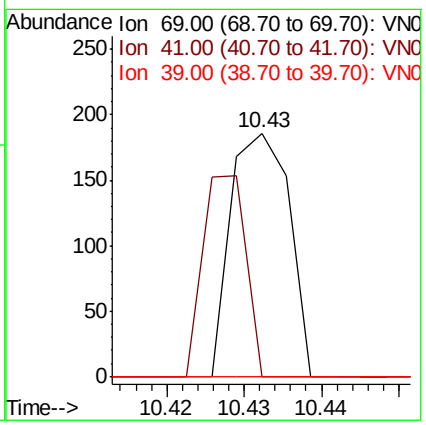


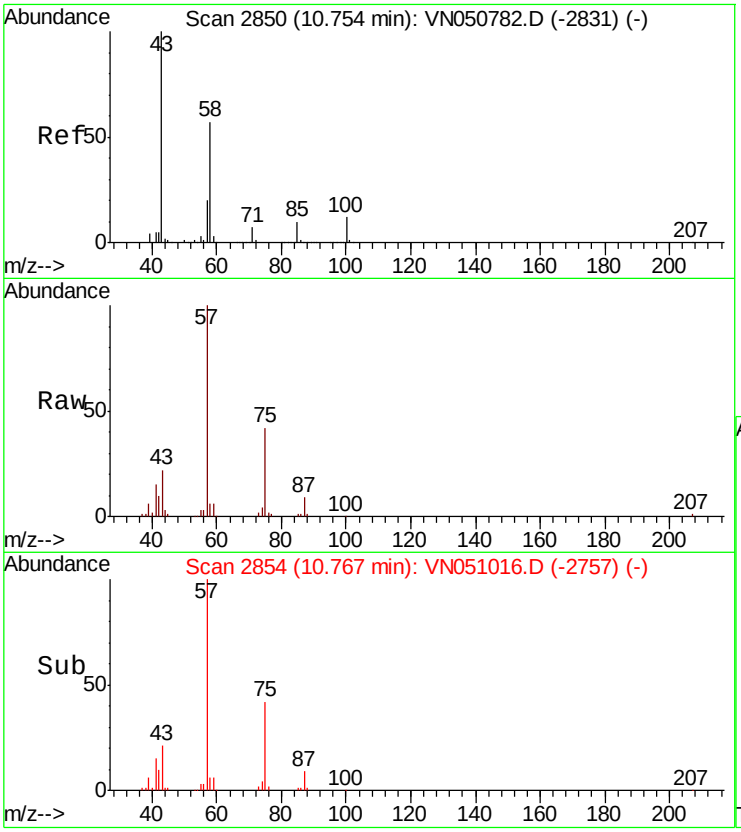


#56
Ethyl methacrylate
Concen: 2.36 ug/l
RT: 10.43 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 69 Resp: 98

Ion	Ratio	Lower	Upper
69	100		
41	0.0	48.3	72.5#
39	0.0	24.0	36.0#



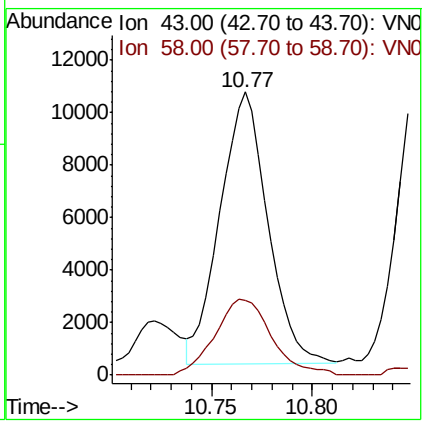


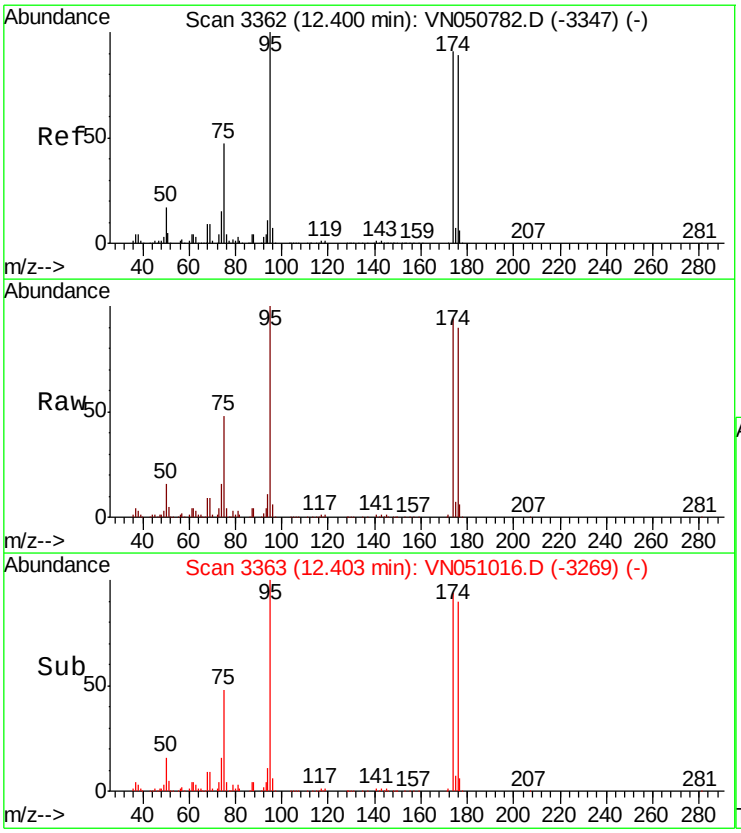
#59
2-Hexanone
Concen: 3.89 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion: 43 Resp: 17161

Ion	Ratio	Lower	Upper
43	100		
58	33.0	28.3	85.0

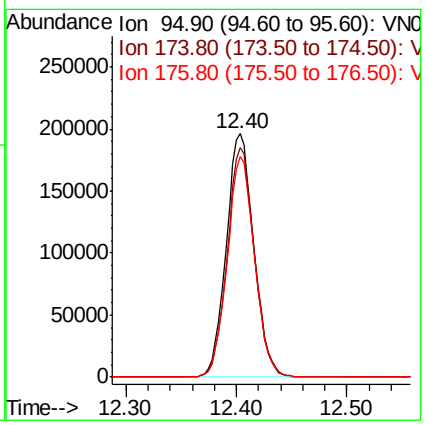


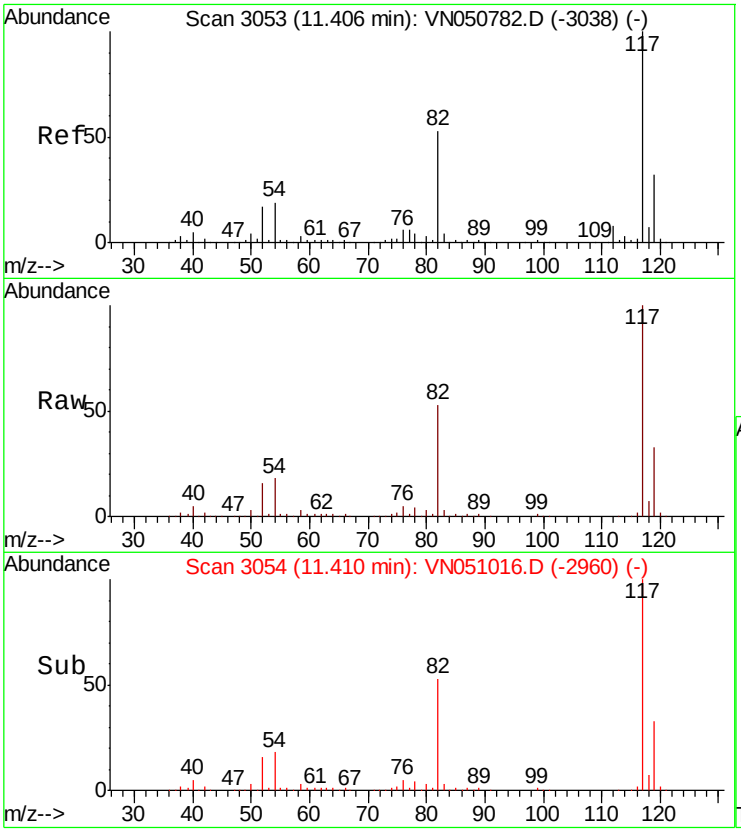


#62
4-Bromofluorobenzene
Concen: 35.90 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 95 Resp: 337982

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	183.0
176	90.1	0.0	178.8



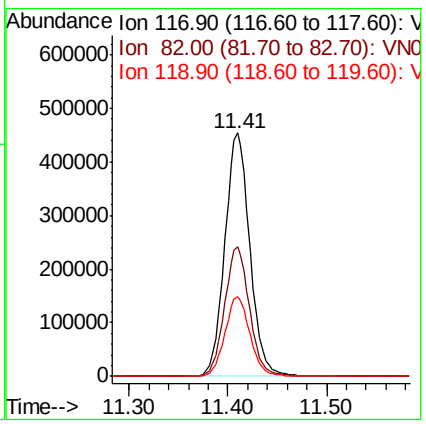


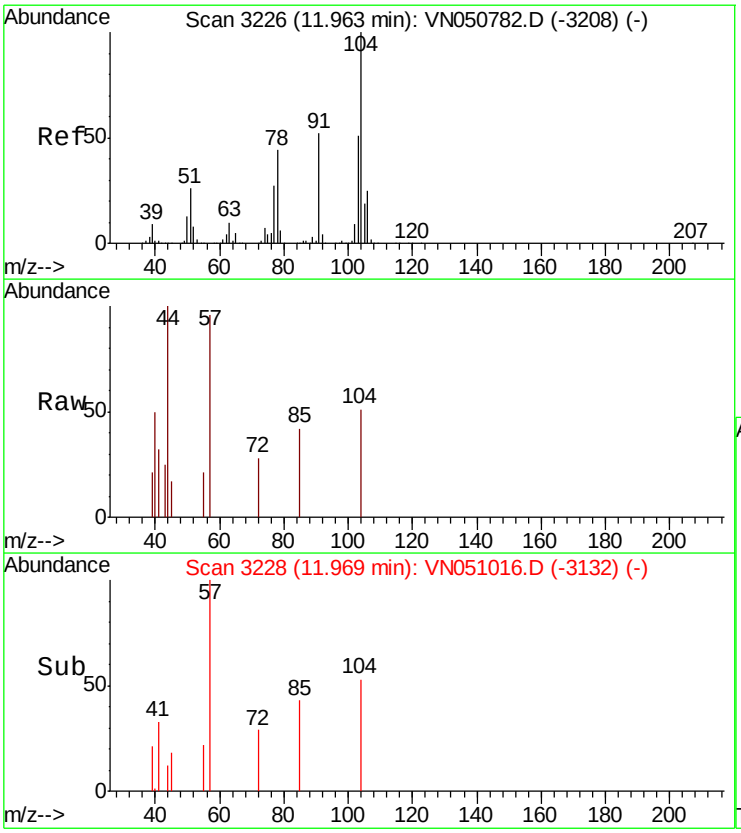
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion:117 Resp: 805963

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	64.0
119	32.7	25.8	38.6

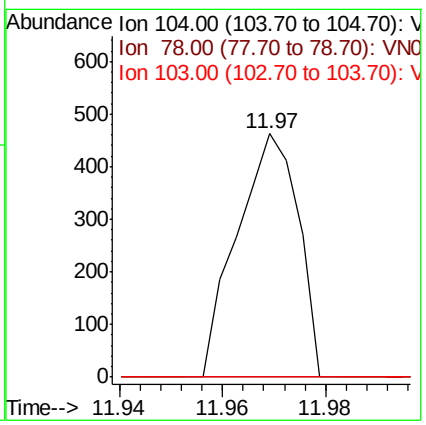


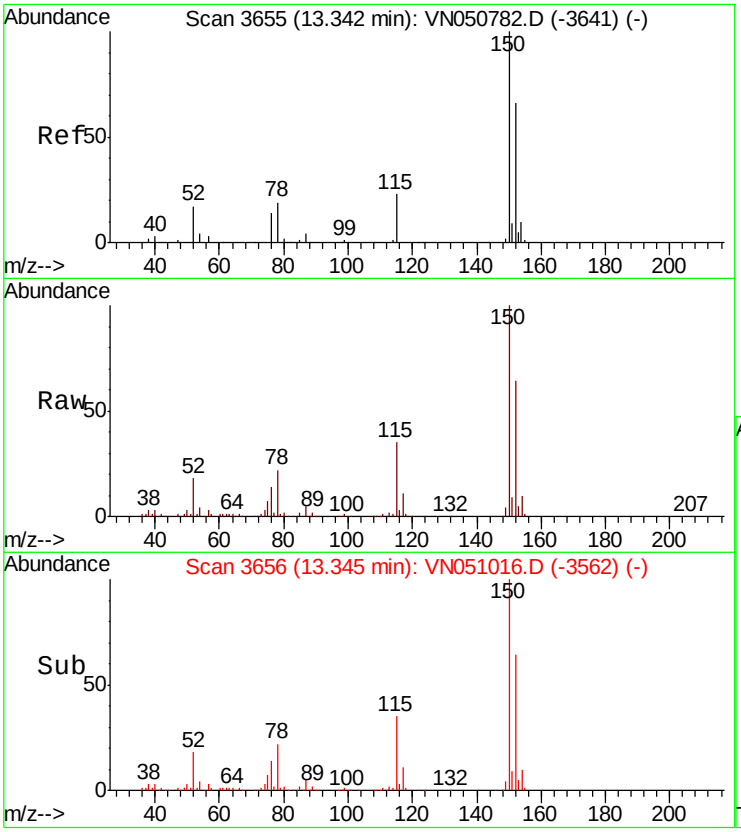


#70
Styrene
Concen: 1.29 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion:104 Resp: 378

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.2	57.4#
103	0.0	44.4	66.6#



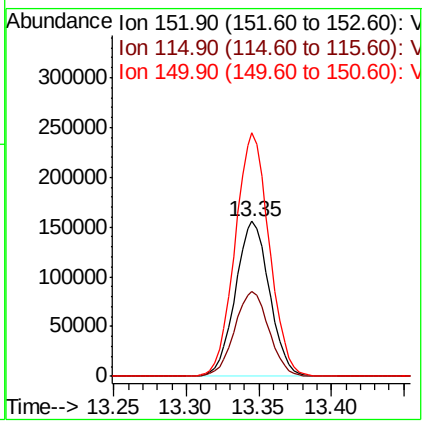


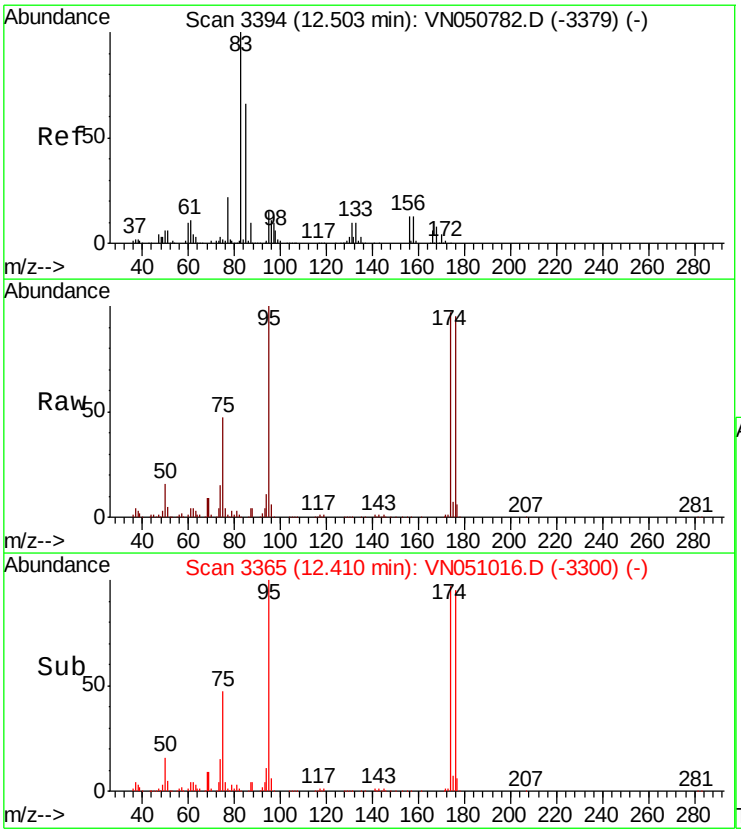
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion:152 Resp: 253927

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	157.5	0.0	351.4

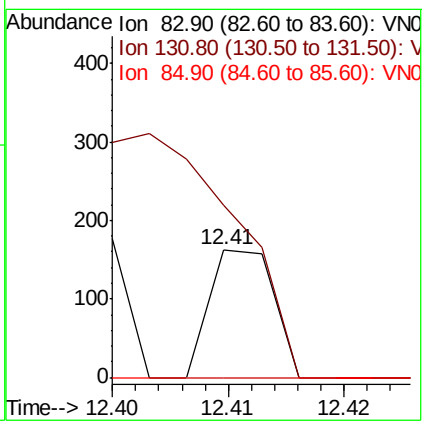


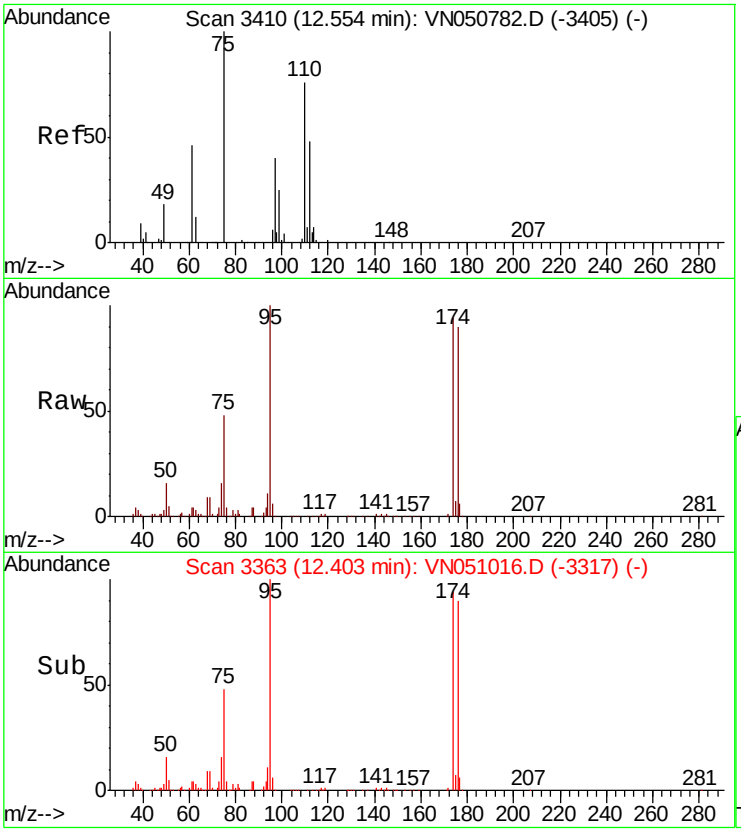


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3365
Delta R.T. -0.09 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 83 Resp: 62

Ion	Ratio	Lower	Upper
83	100		
131	525.8	5.3	15.9#
85	0.0	31.9	95.7#



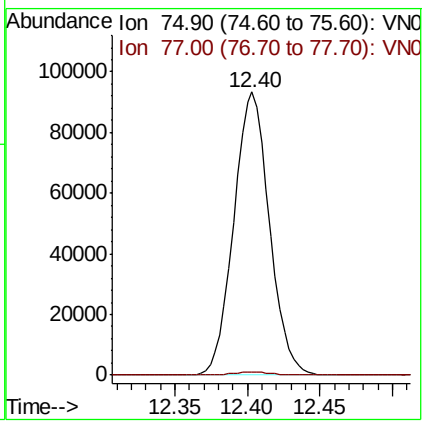


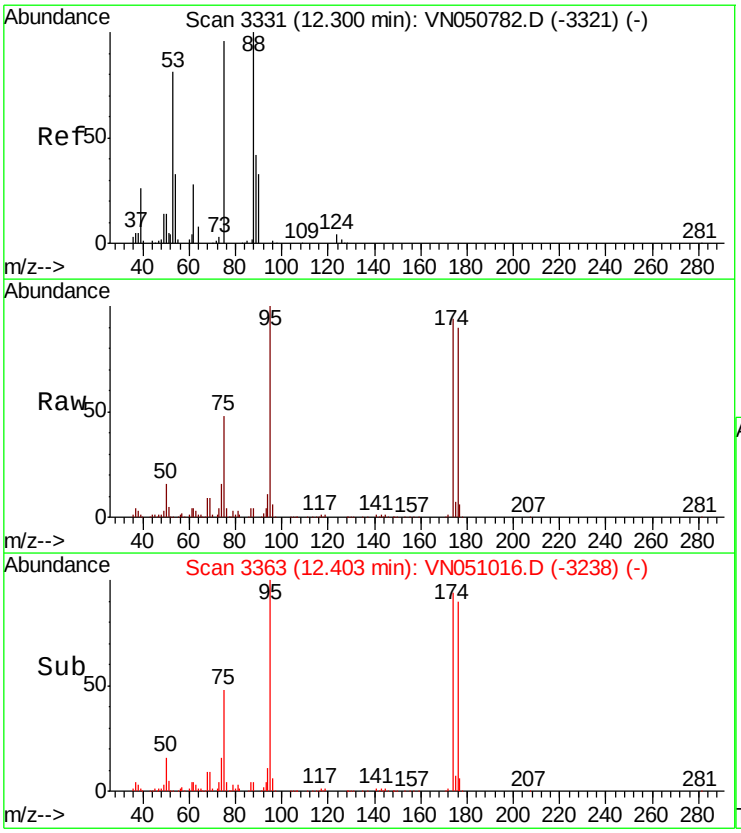
#76
1,2,3-Trichloropropane
Concen: 35.84 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion: 75 Resp: 159398

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

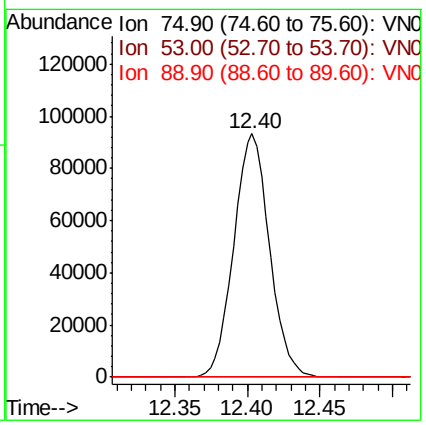


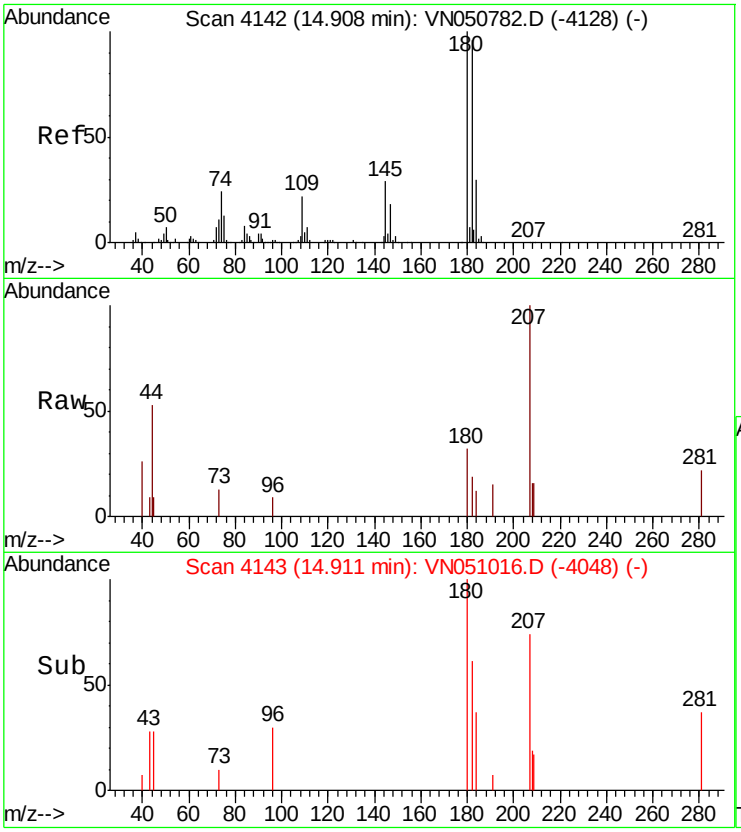


#81
trans-1,4-Dichloro-2-butene
Concen: 121.16 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion: 75 Resp: 159398

Ion	Ratio	Lower	Upper
75	100		
53	0.1	68.9	103.3#
89	0.0	36.1	54.1#



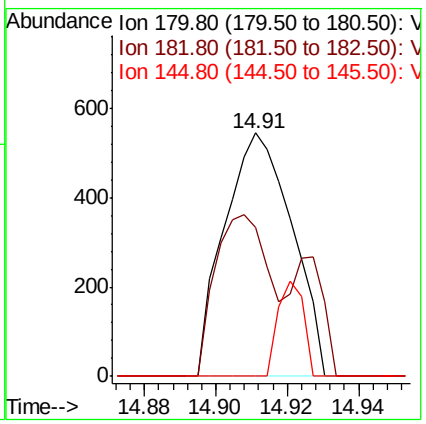


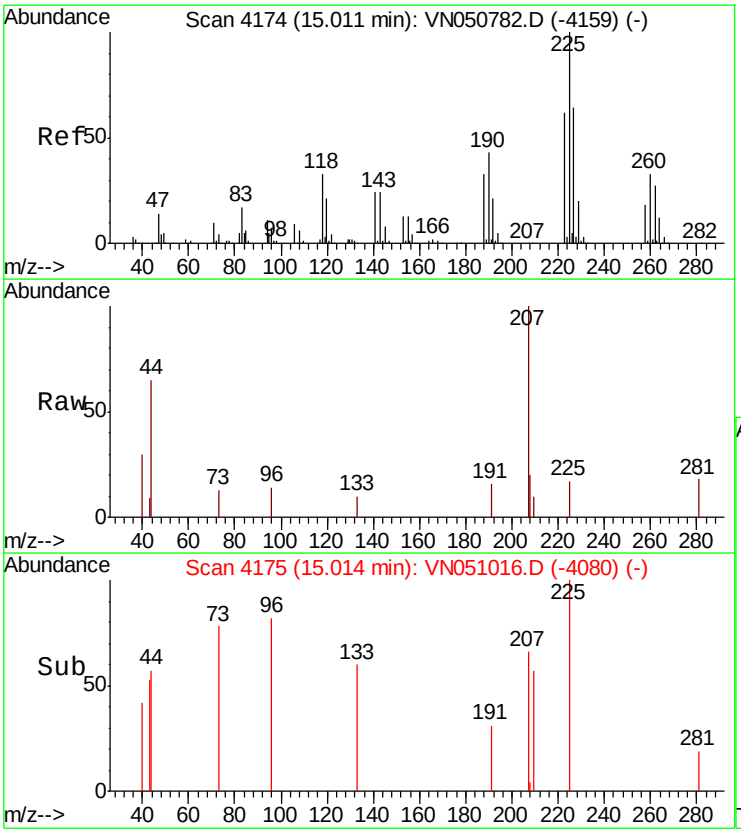
#93
1,2,4-Trichlorobenzene
Concen: 4.22 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB112553ZHE#02

Tgt Ion:180 Resp: 712

Ion	Ratio	Lower	Upper
180	100		
182	52.7	48.2	144.6
145	0.0	14.1	42.2#

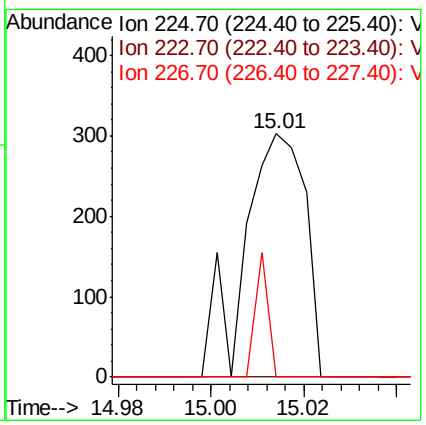


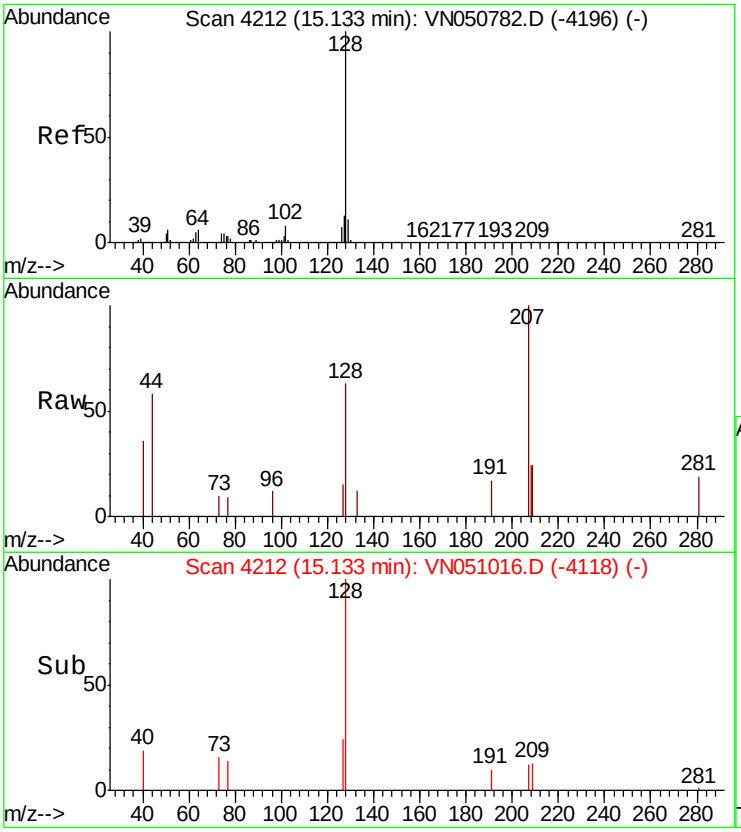


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion:225 Resp: 275

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.3	93.8#
227	10.9	32.0	96.2#



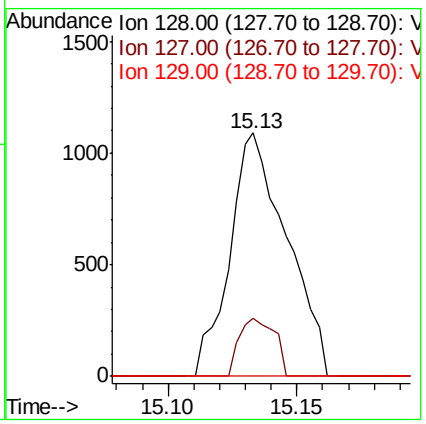


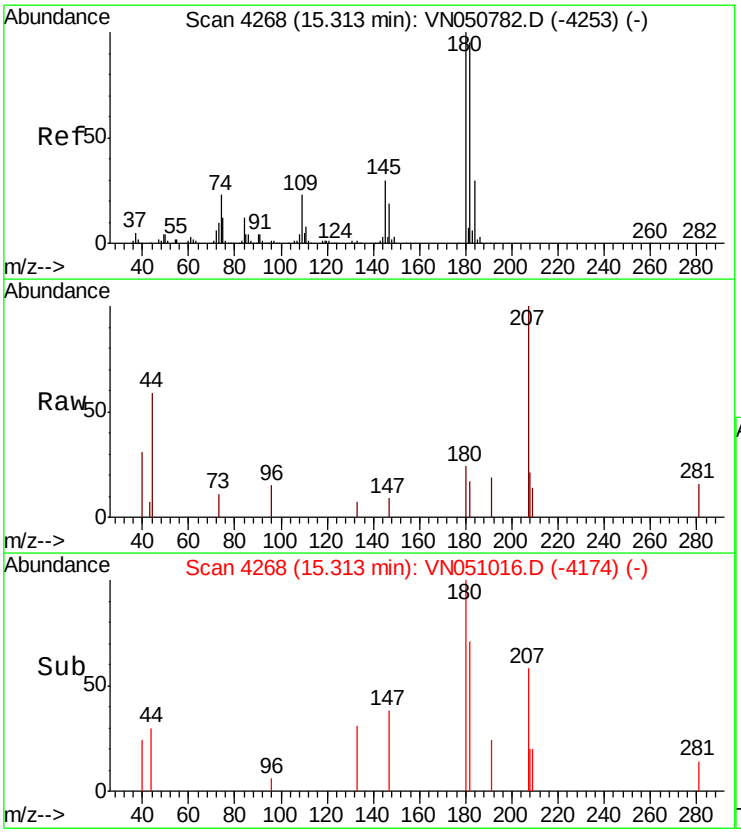
#95
Naphthalene
Concen: 5.55 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Instrument : MSVOA_N
ClientSampleId : PB112553ZHE#02

Tgt Ion:128 Resp: 1678

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.45 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. 0.00 min
Lab File: VN051016.D
Acq: 4 Sep 2018 13:52

Tgt Ion:180 Resp: 740

Ion	Ratio	Lower	Upper
180	100		
182	100.5	48.0	144.2
145	0.0	15.2	45.6#