Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
Data File : VN051720.D
Acq On : 8 Oct 2018 8:49
Operator : MD\SY
Sample : VN1008WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Quant Time: Oct 09 03:46:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	786088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473532	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.20%			
35) Dibromofluoromethane	7.59	113	432872	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	10.09	98	1600633	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
62) 4-Bromofluorobenzene	12.40	95	446543	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.10	85	126	1.162	ug/l #	42
5) Bromomethane	2.57	94	2789	0.257	ug/l #	71
7) Trichlorofluoromethane	3.00	101	162	Below Cal	#	15
10) Methyl Iodide	3.96	142	61	2.343	ug/l #	41
13) Acrolein	3.62	56	305	0.692	ug/l #	42
16) Acetone	3.81	43	597	Below Cal	#	44
17) Carbon Disulfide	4.06	76	4687	0.211	ug/l #	90
18) Methyl Acetate	4.32	43	1263	0.220	ug/l #	58
29) Tetrahydrofuran	7.22	42	644	0.350	ug/l #	40
31) Cyclohexane	7.67	56	16051	1.139	ug/l #	50
36) 1,1-Dichloropropene	7.67	75	53921	4.530	ug/l #	49
38) Carbon Tetrachloride	7.67	117	72596	5.082	ug/l #	15
41) Methacrylonitrile	7.17	41	255	Below Cal	#	32
59) 2-Hexanone	10.76	43	1449	0.325	ug/l	79
74) N-amyl acetate	12.08	43	1728	Below Cal	#	81
75) 1,1,2,2-Tetrachloroethane	12.50	83	505	Below Cal	#	95
76) 1,2,3-Trichloropropane	12.40	75	237103	55.918	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	237103	126.608	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	2374	0.429	ug/l	91
94) Hexachlorobutadiene	15.01	225	1699	0.453	ug/l	84
95) Naphthalene	15.14	128	7285	0.610	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	2519	0.462	ug/l	77

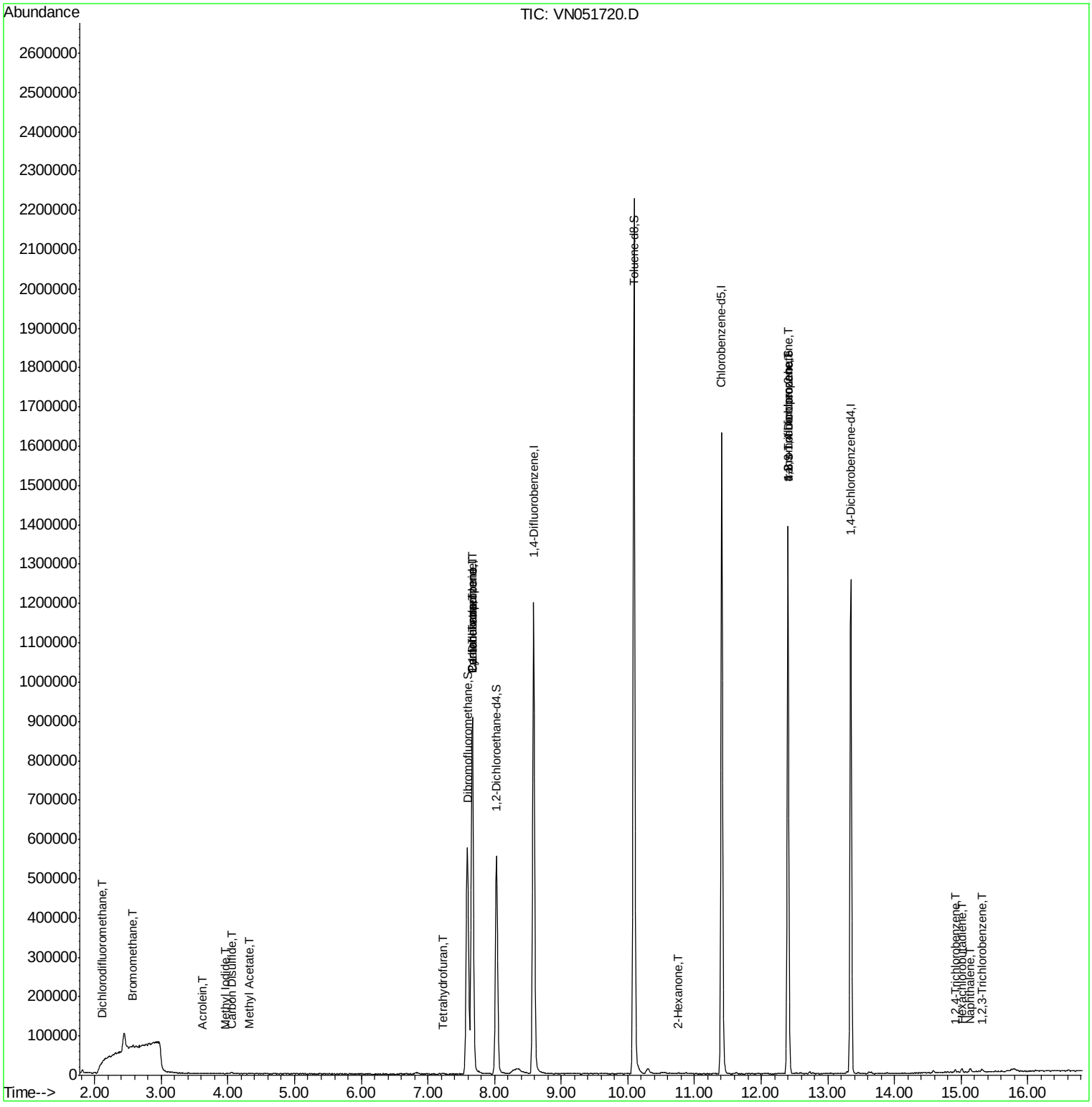
(#) = qualifier out of range (m) = manual integration (+) = signals summed

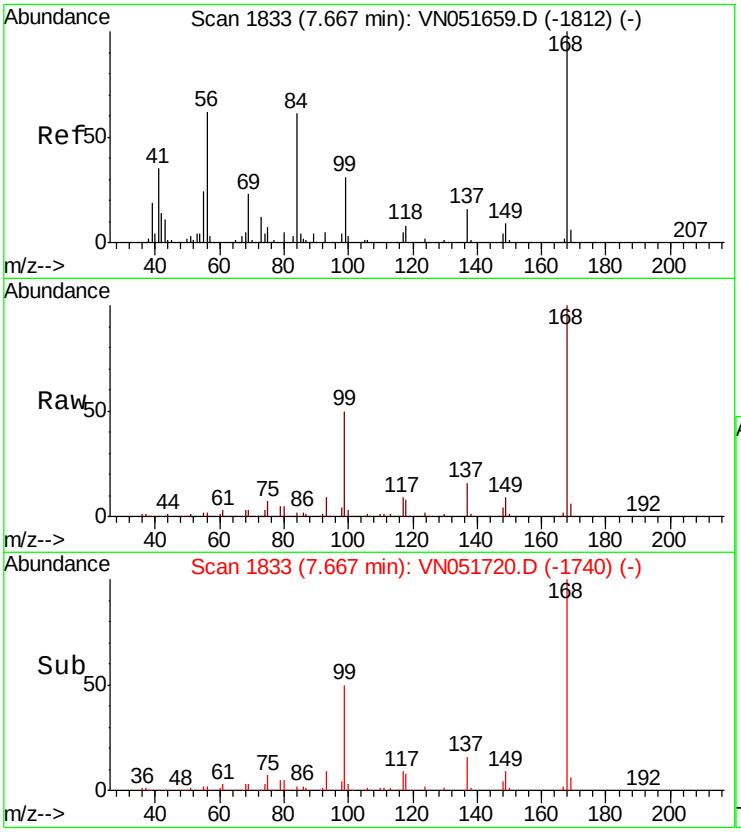
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
Data File : VN051720.D
Acq On : 8 Oct 2018 8:49
Operator : MD\SY
Sample : VN1008WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Quant Time: Oct 09 03:46:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration



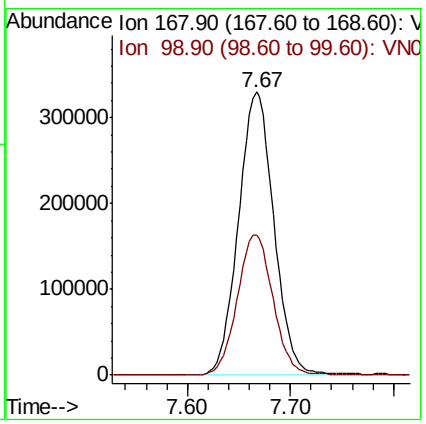


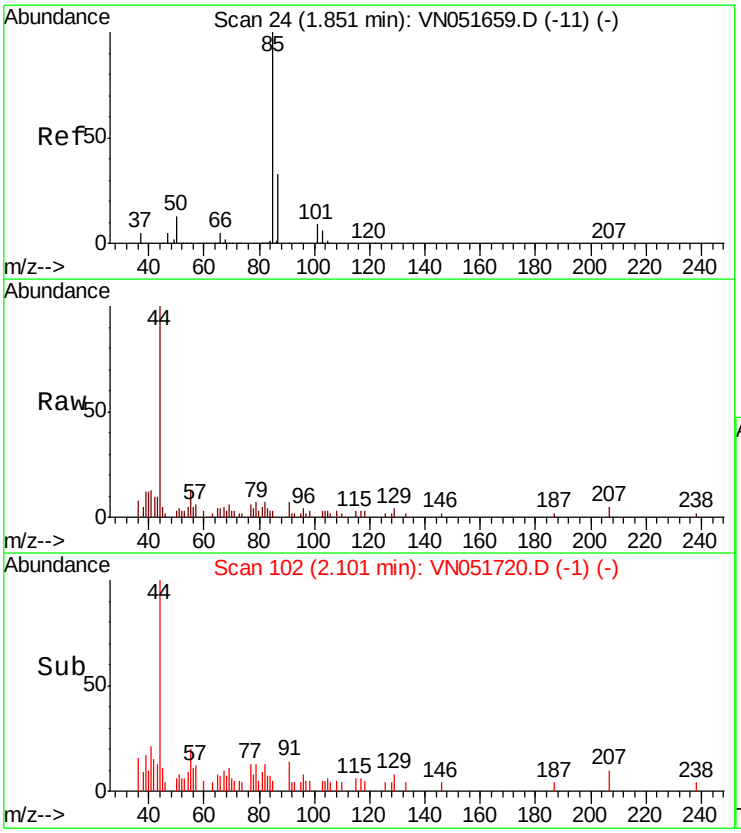
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion:168 Resp: 786088

Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.4	60.6

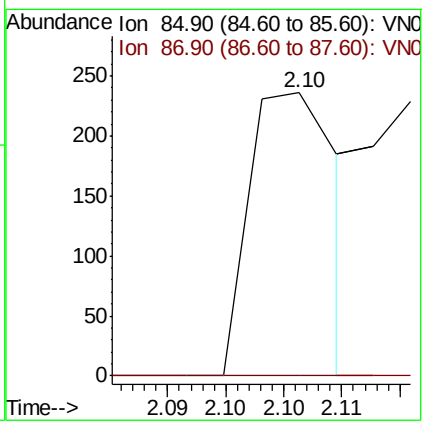


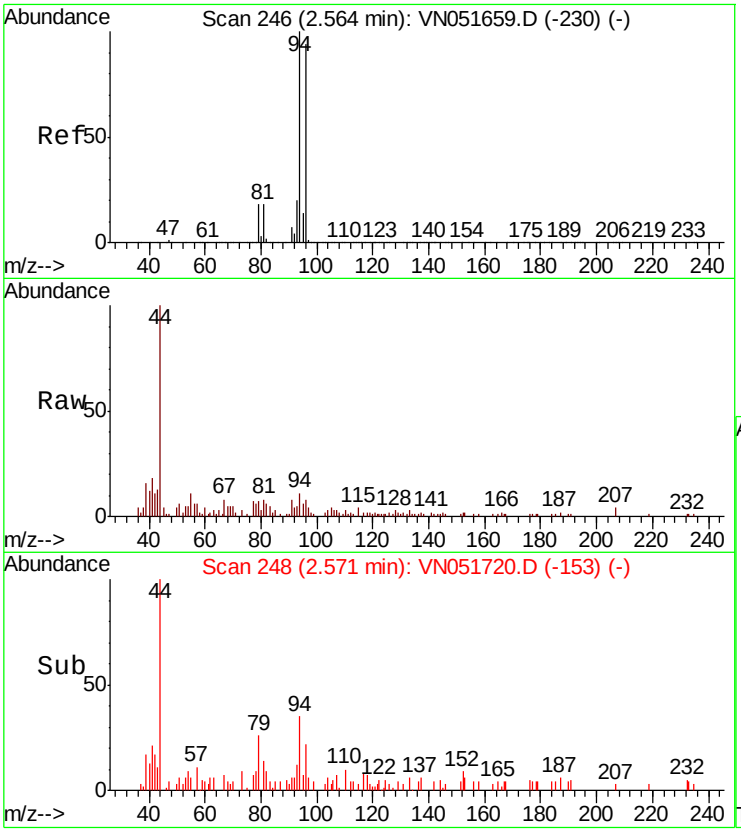


#2
Dichlorodifluoromethane
Concen: 1.162 ug/l
RT: 2.10 min Scan# 102
Delta R.T. 0.25 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 85 Resp: 126

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.4#



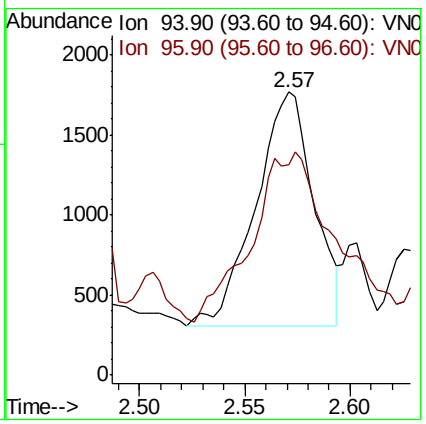


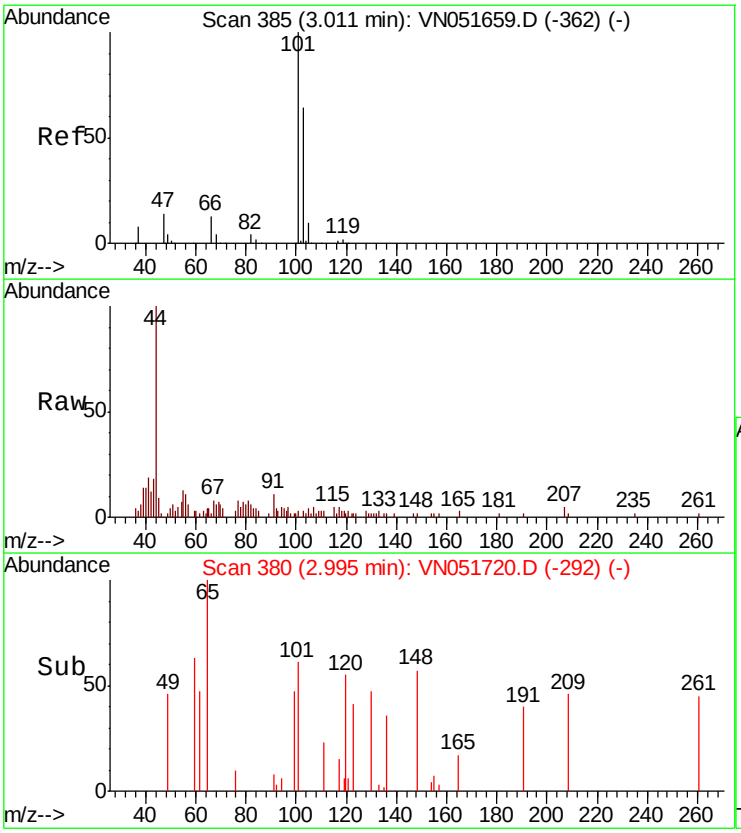
#5
Bromomethane
Concen: 0.257 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 94 Resp: 2789

Ion	Ratio	Lower	Upper
94	100		
96	66.1	75.2	112.8#

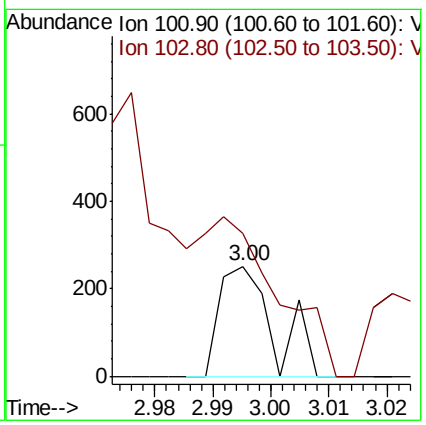


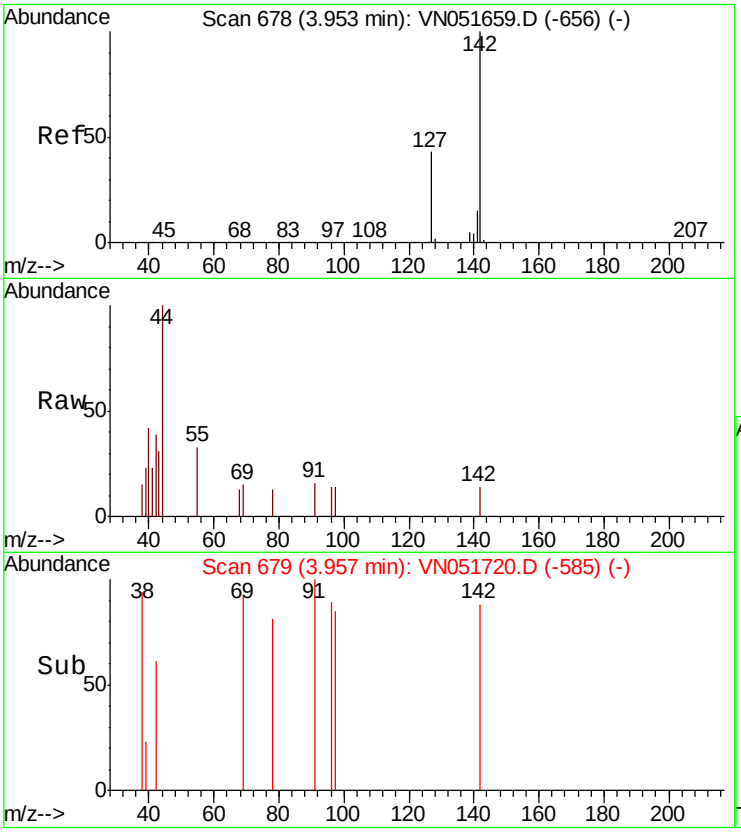


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.00 min Scan# 380
Delta R.T. -0.02 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:101 Resp: 162

Ion	Ratio	Lower	Upper
101	100		
103	130.2	51.1	76.7#



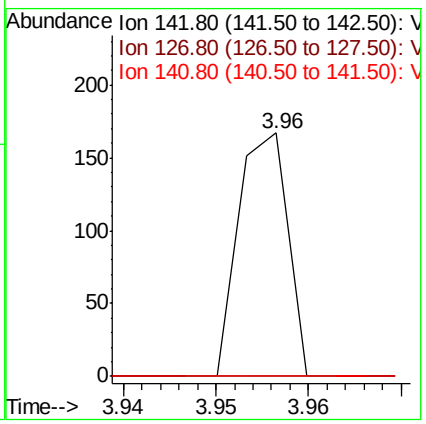


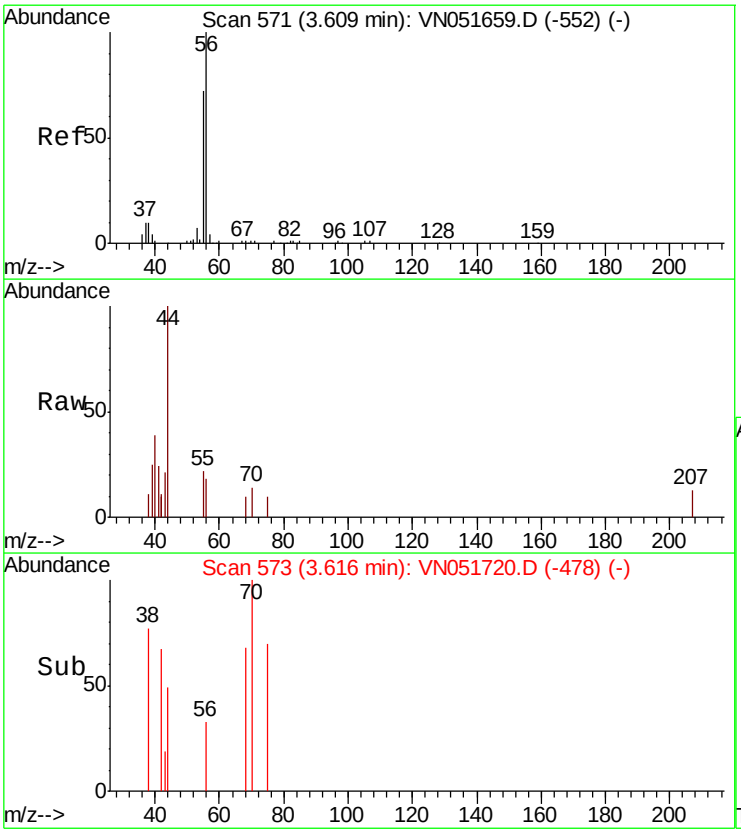
#10
Methyl Iodide
Concen: 2.343 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion:142 Resp: 61

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.7	52.1#
141	0.0	11.4	17.2#

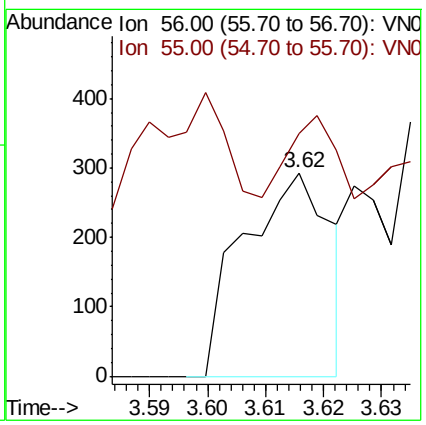


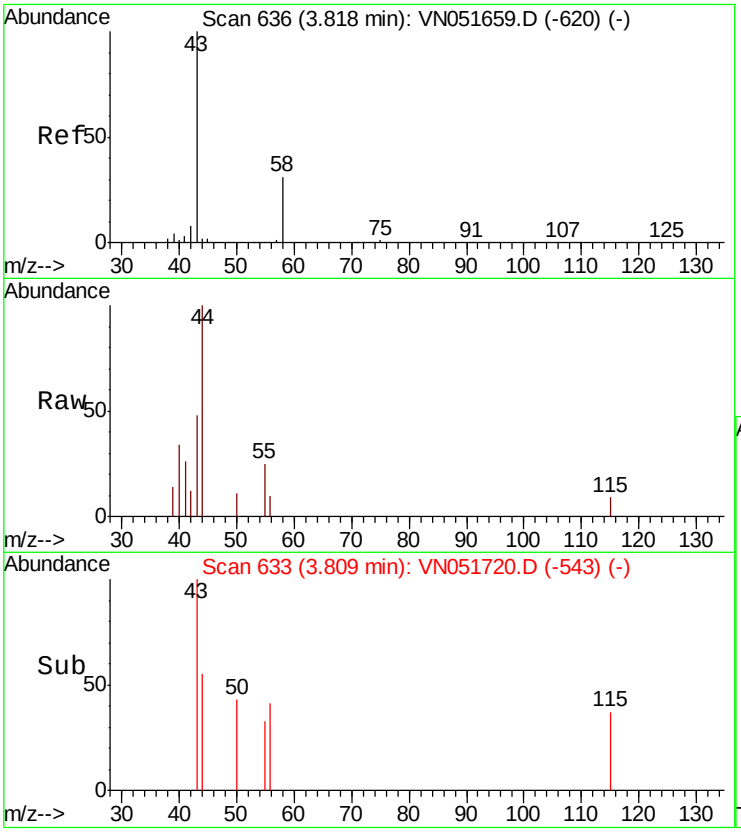


#13
Acrolein
Concen: 0.692 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 56 Resp: 305

Ion	Ratio	Lower	Upper
56	100		
55	23.3	57.5	86.3#



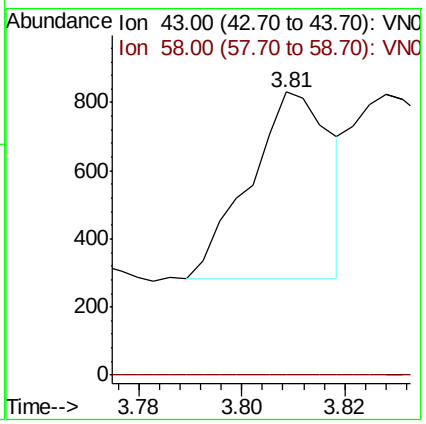


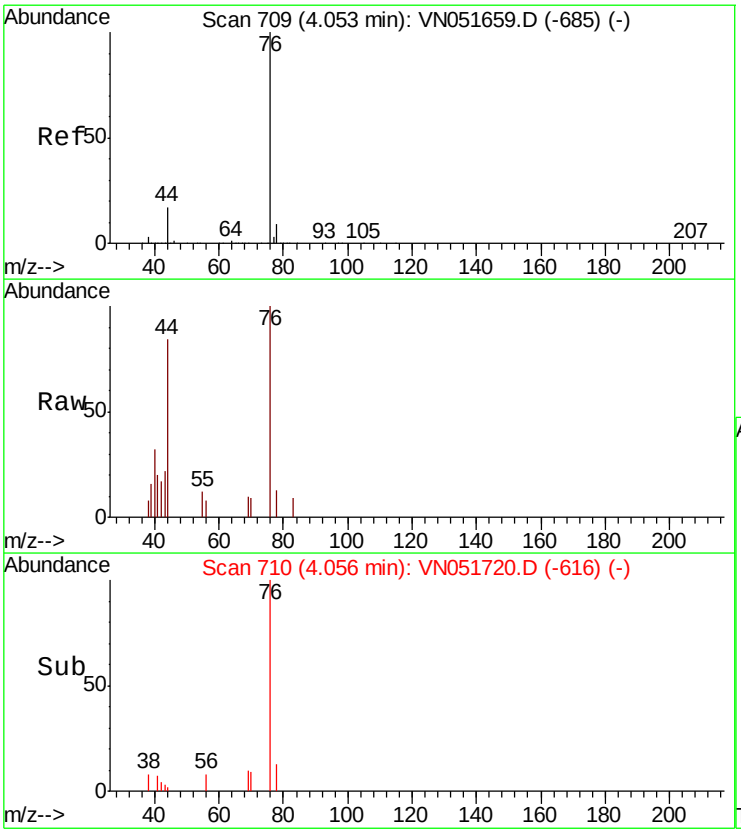
#16
Acetone
Concen: Below Cal
RT: 3.81 min Scan# 633
Delta R.T. -0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion: 43 Resp: 597

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	36.5#

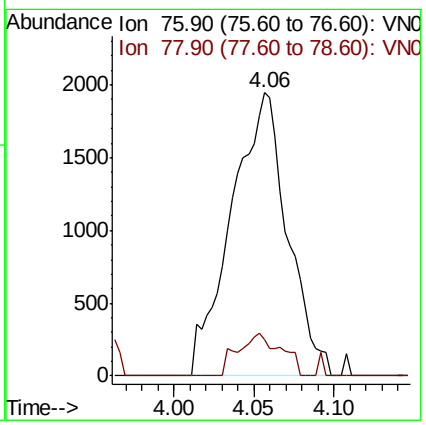


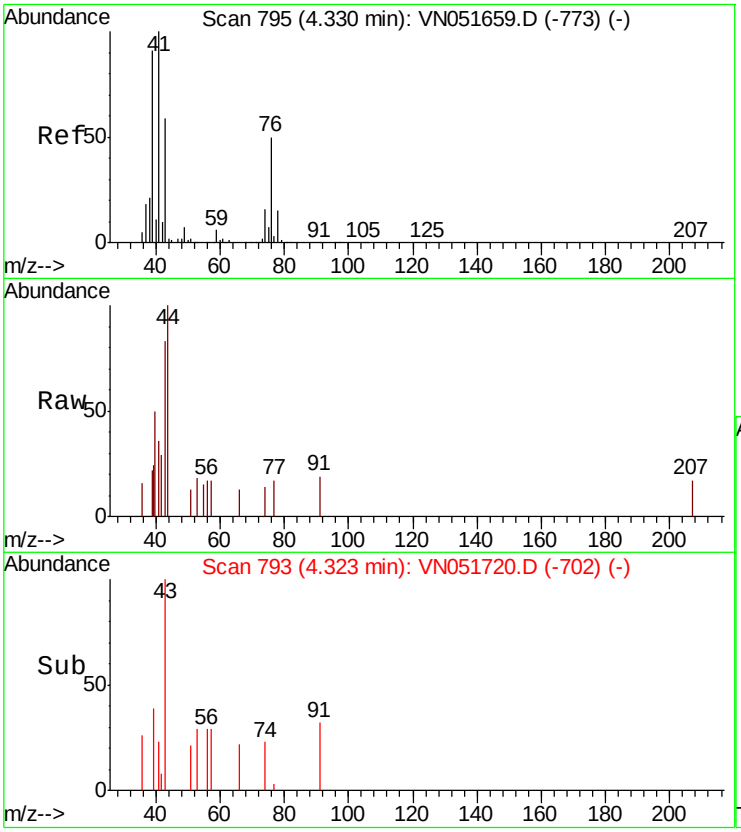


#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 76 Resp: 4687

Ion	Ratio	Lower	Upper
76	100		
78	12.7	7.2	10.8#



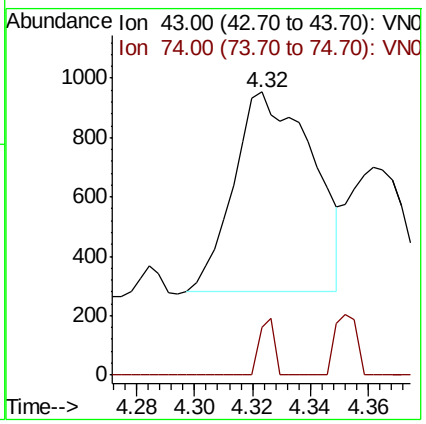


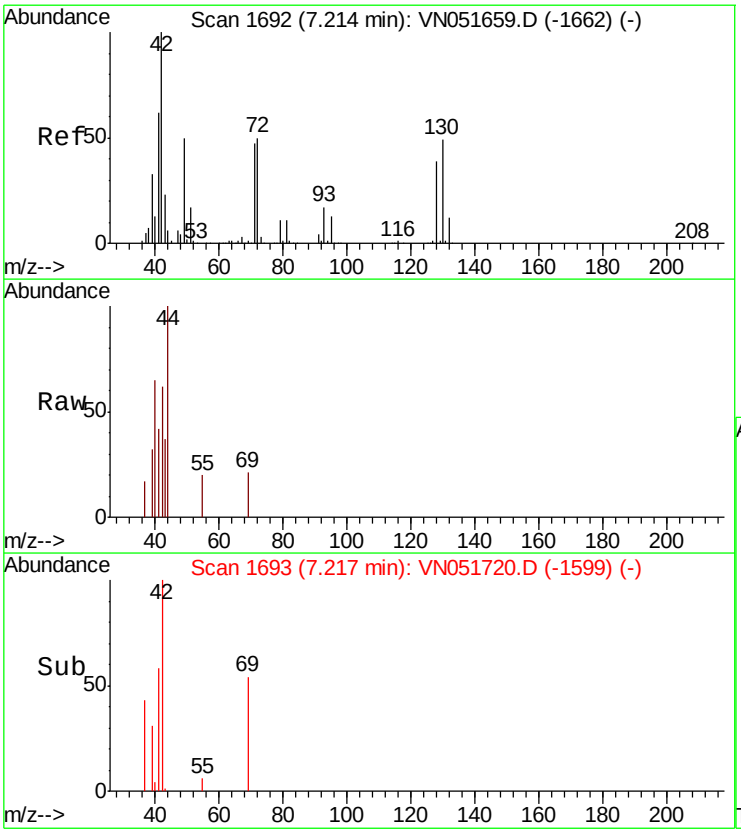
#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 43 Resp: 1263

Ion	Ratio	Lower	Upper
43	100		
74	5.4	21.5	32.3#

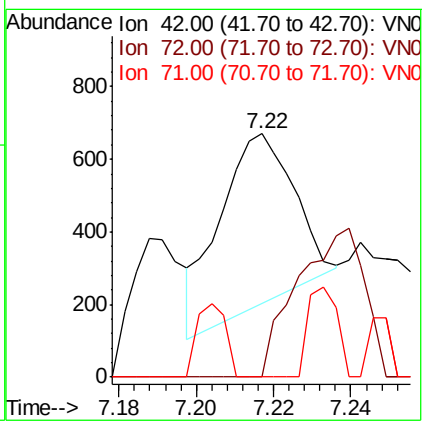


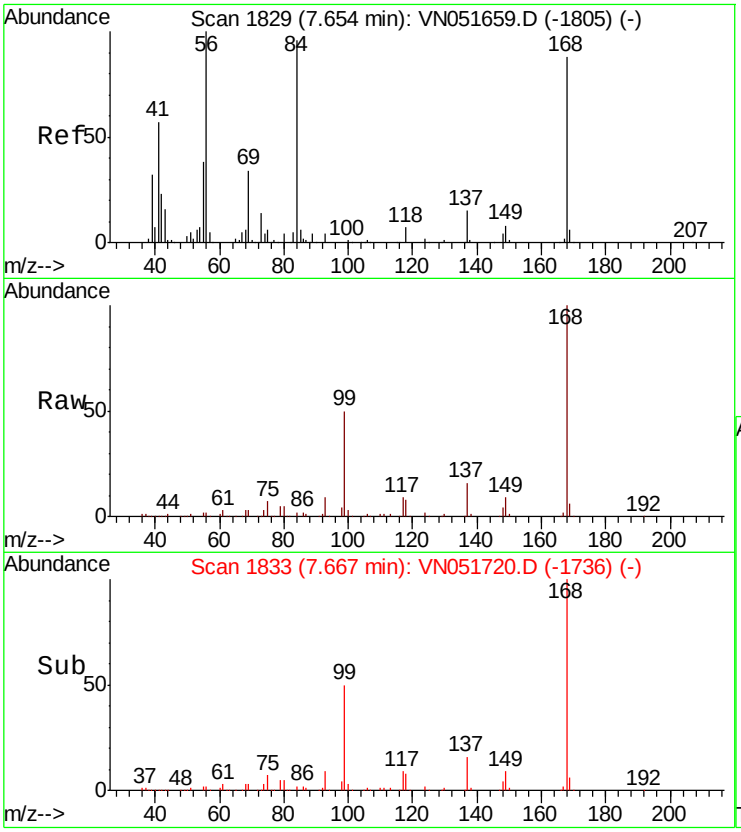


#29
Tetrahydrofuran
Concen: 0.350 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 42 Resp: 644

Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.1	60.1#
71	16.3	38.0	57.0#



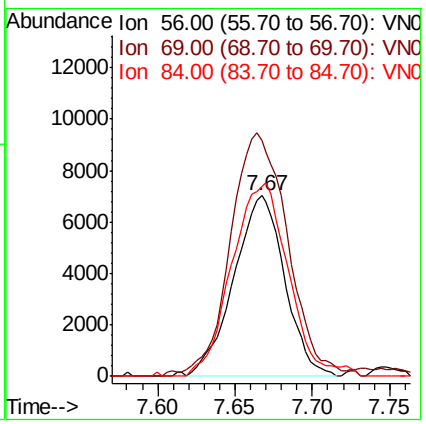


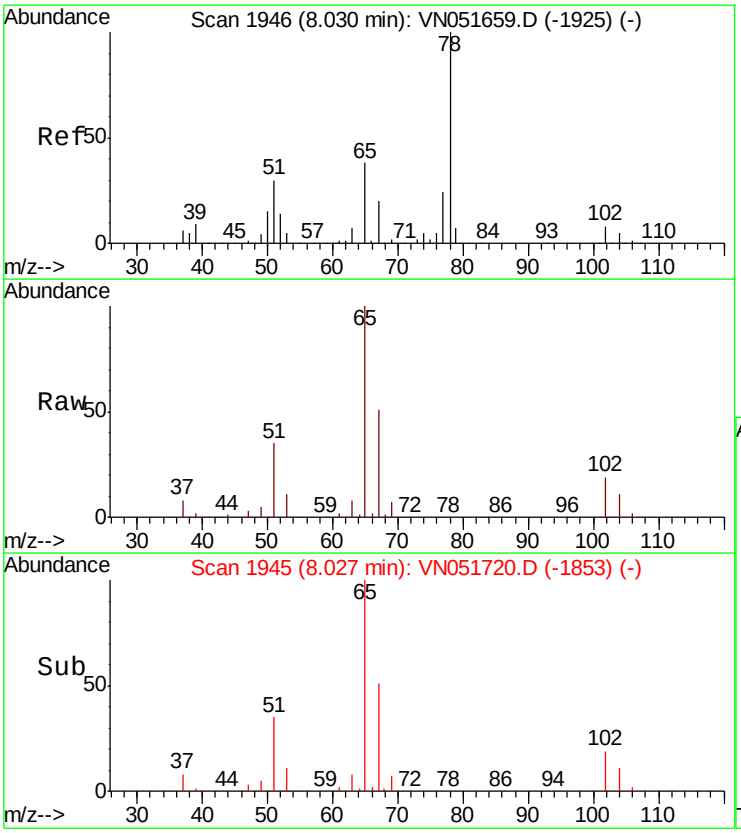
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 56 Resp: 16051

Ion	Ratio	Lower	Upper
56	100		
69	127.3	27.5	41.3#
84	105.6	76.7	115.1

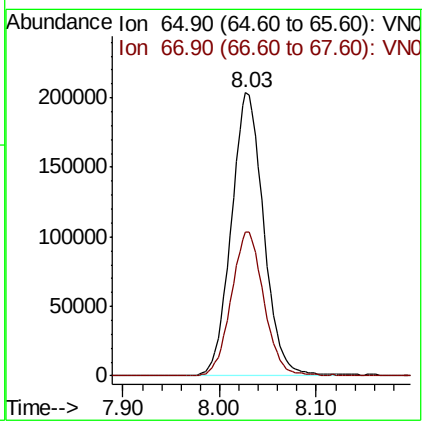


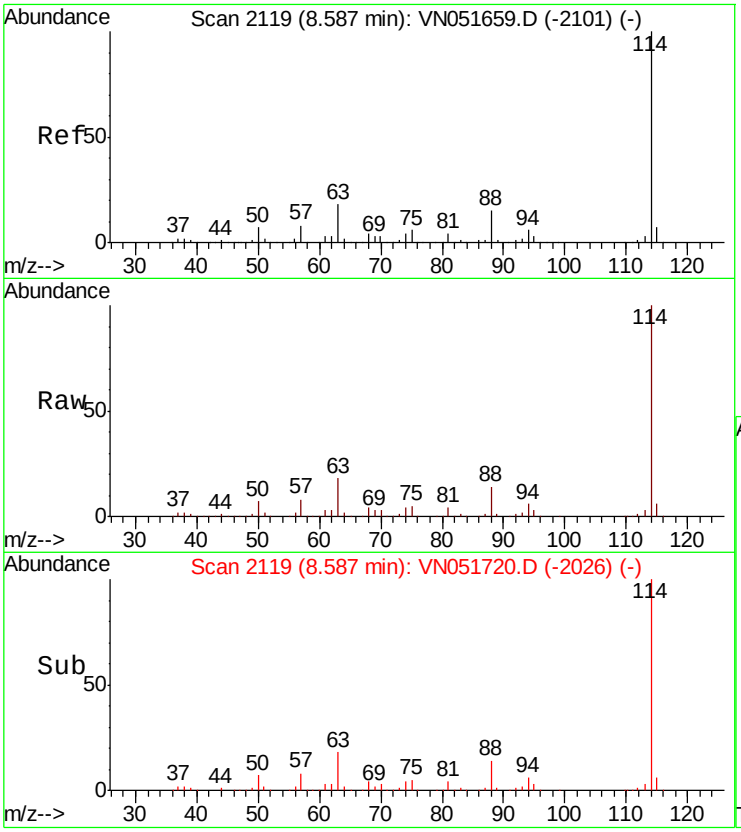


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 65 Resp: 473532

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.6



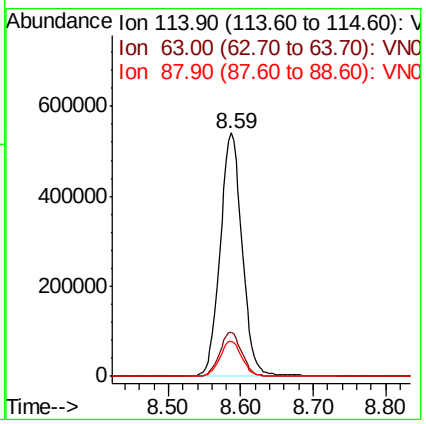


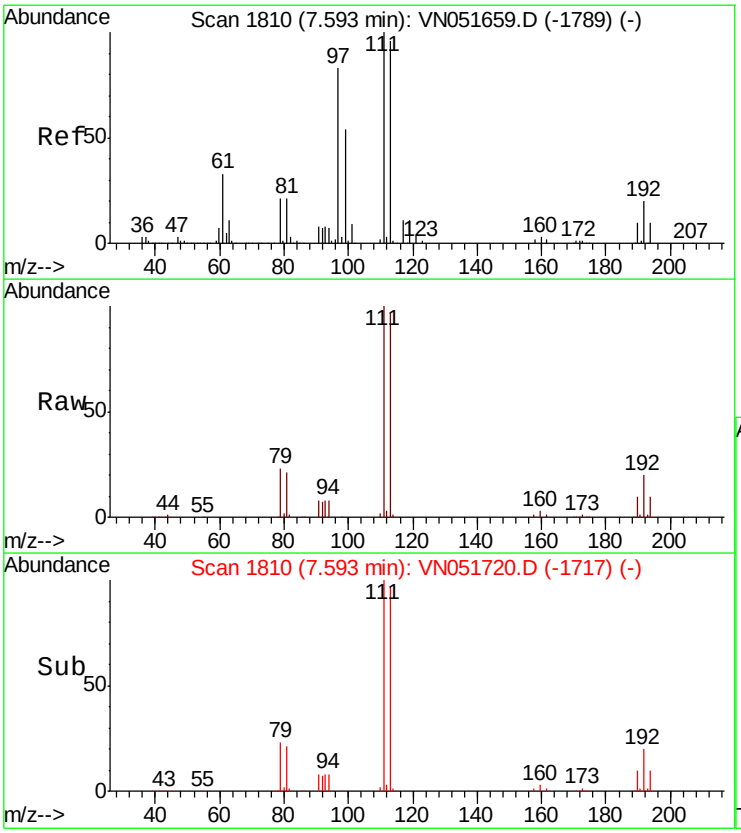
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion:114 Resp: 1138888

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.2
88	14.5	0.0	30.2

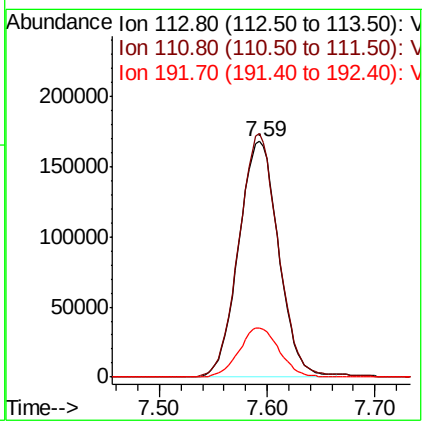


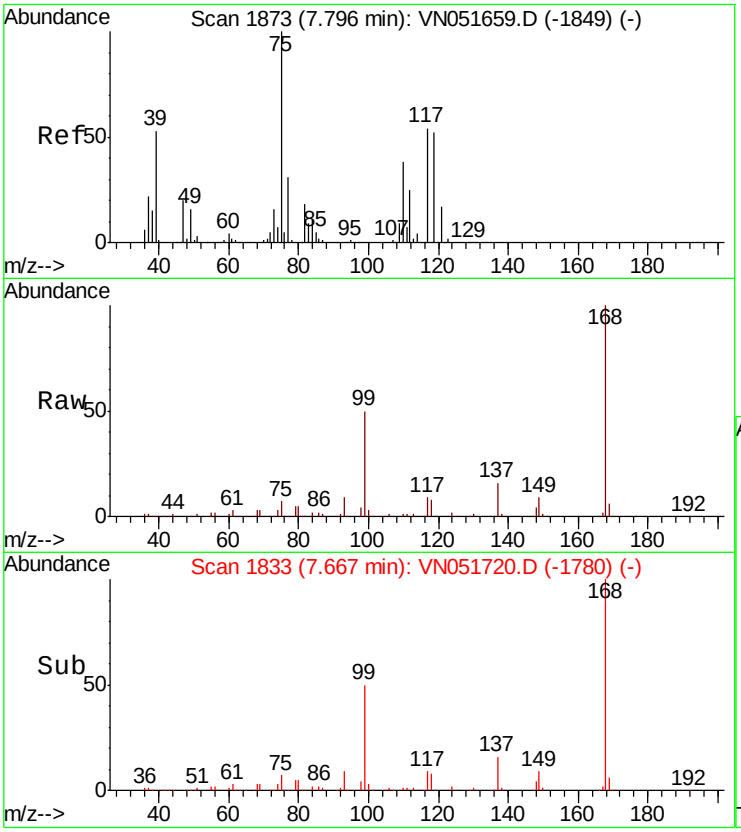


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:113 Resp: 432872

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	21.0	16.5	24.7



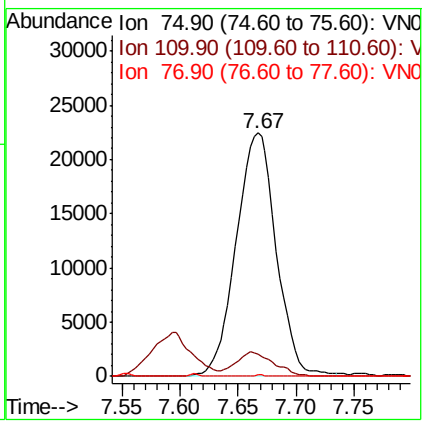


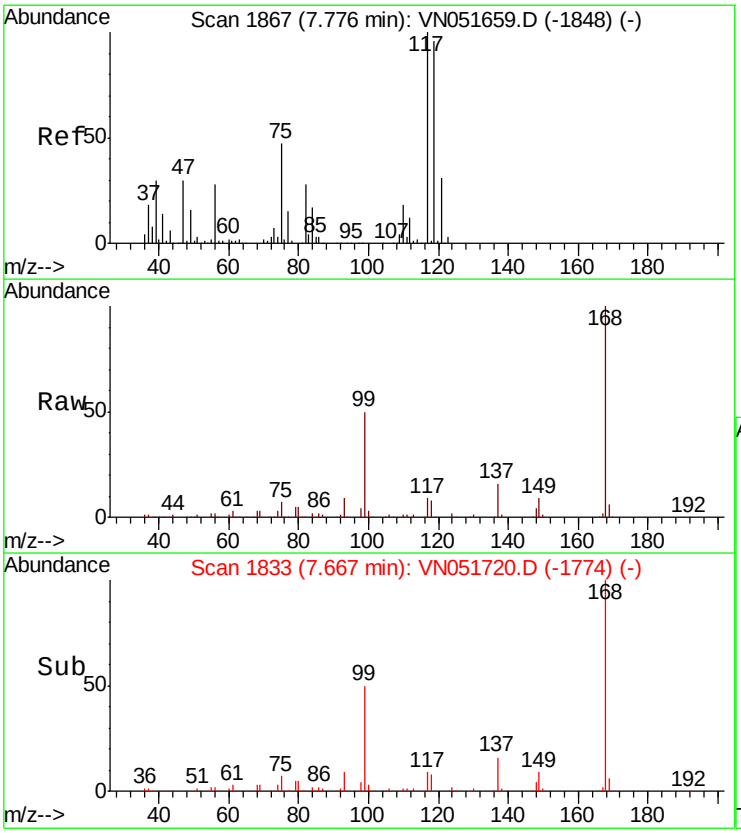
#36
1,1-Dichloropropene
Concen: 4.530 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion: 75 Resp: 53921

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.3	57.8#
77	0.1	24.7	37.1#

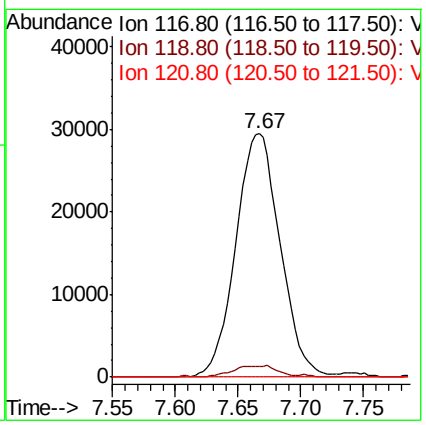


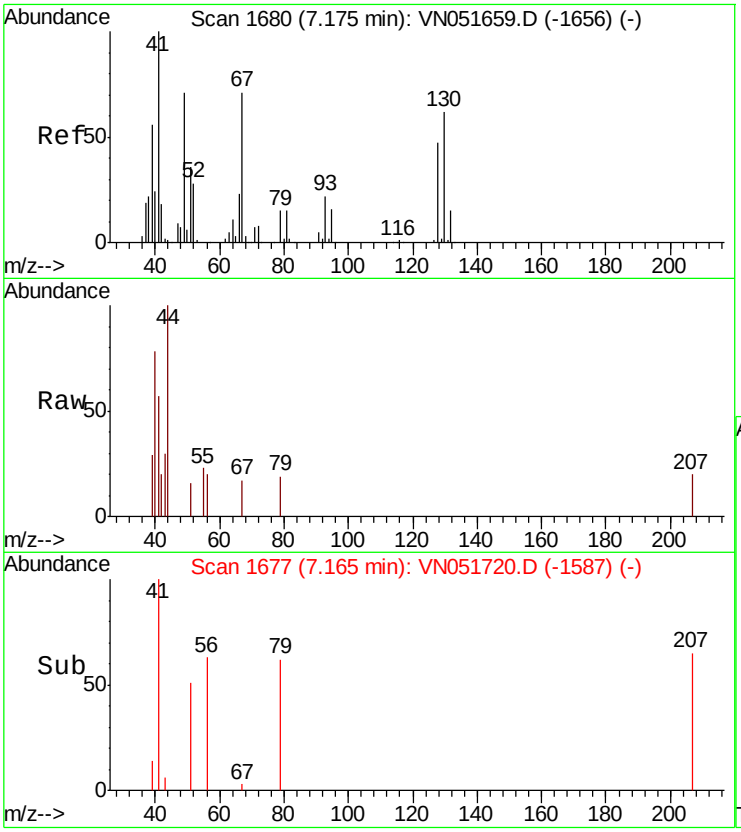


#38
Carbon Tetrachloride
Concen: 5.082 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:117 Resp: 72596

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.0	115.6#
121	0.0	25.0	37.6#



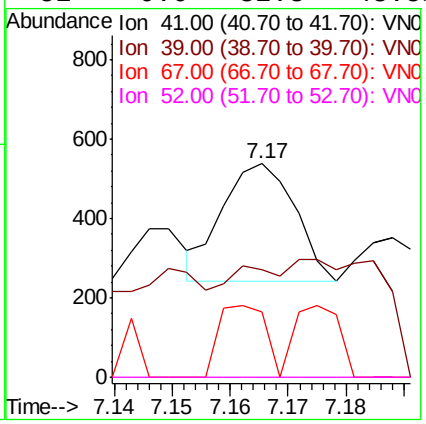


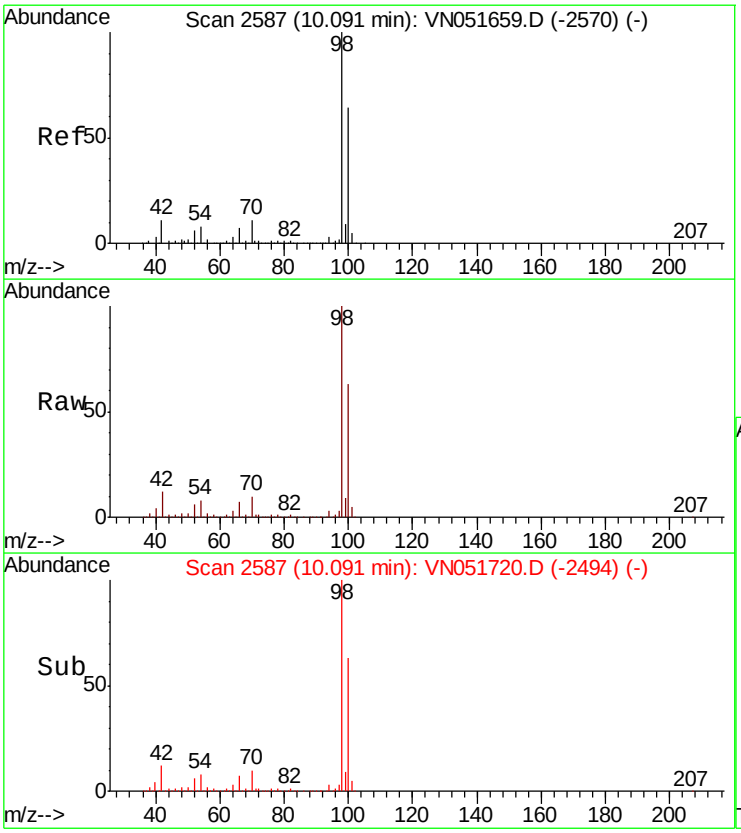
#41
Methacrylonitrile
Concen: Below Cal
RT: 7.17 min Scan# 1677
Delta R.T. -0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 41 Resp: 255

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.9	80.9#
67	39.2	78.1	117.1#
52	0.0	32.3	48.5#

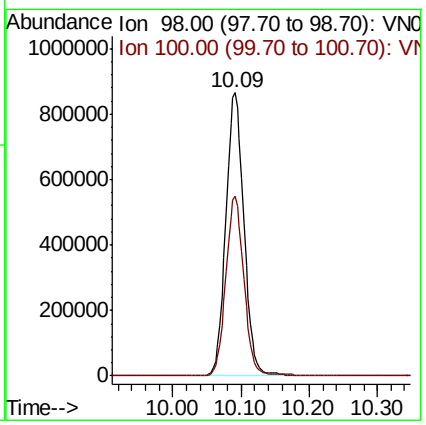


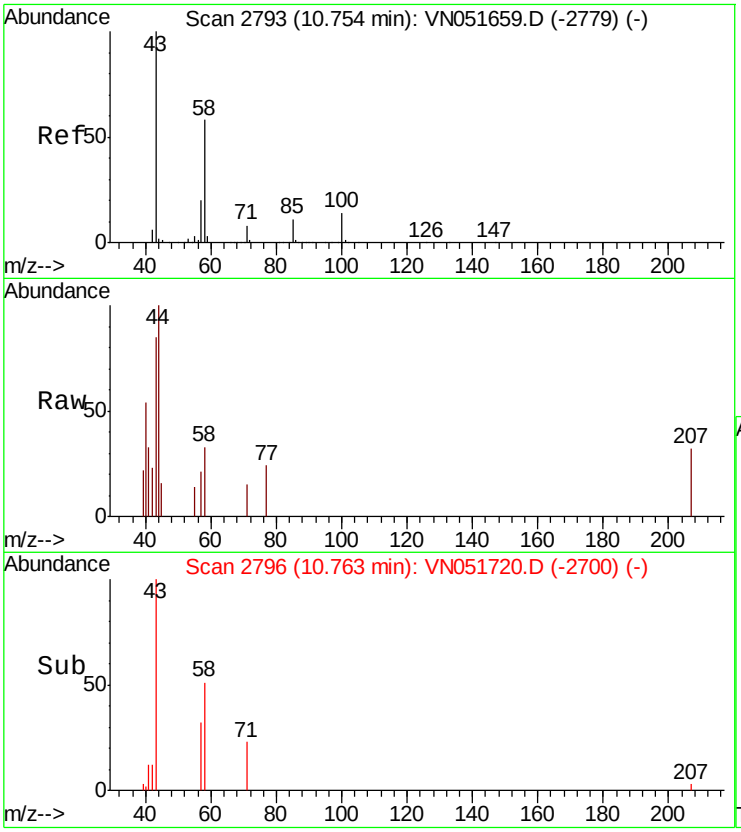


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 98 Resp: 1600633

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



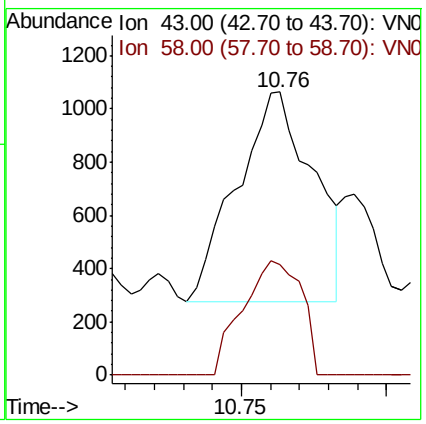


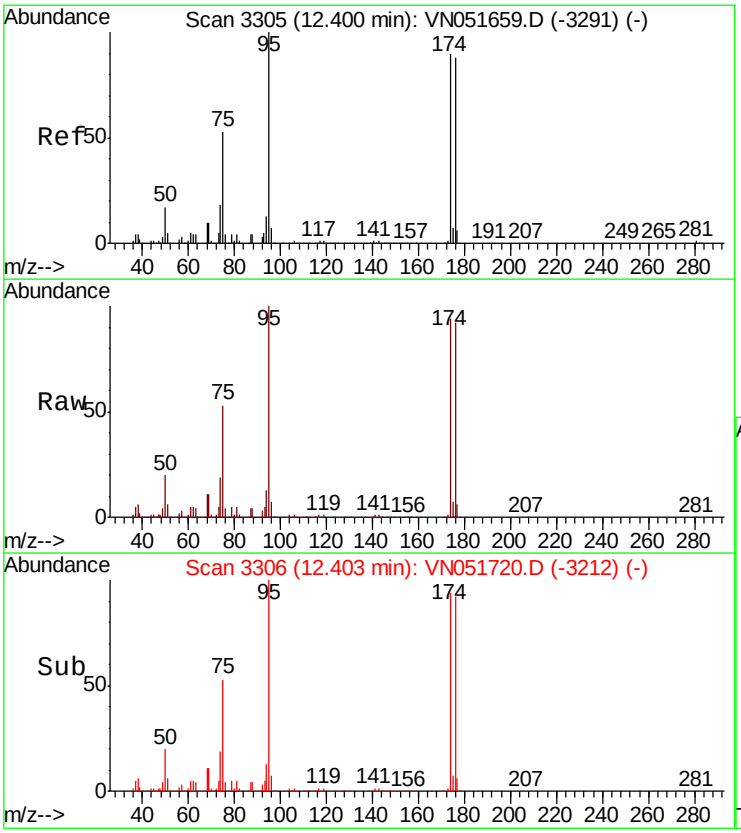
#59
2-Hexanone
Concen: 0.325 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 43 Resp: 1449

Ion	Ratio	Lower	Upper
43	100		
58	41.7	28.8	86.4

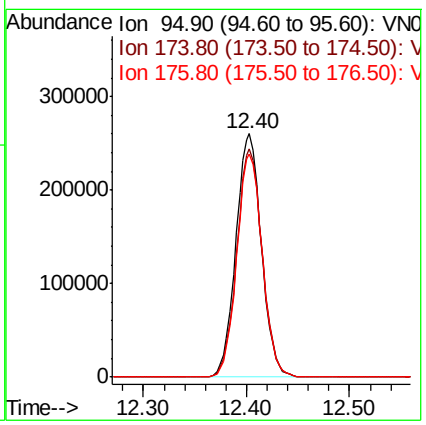


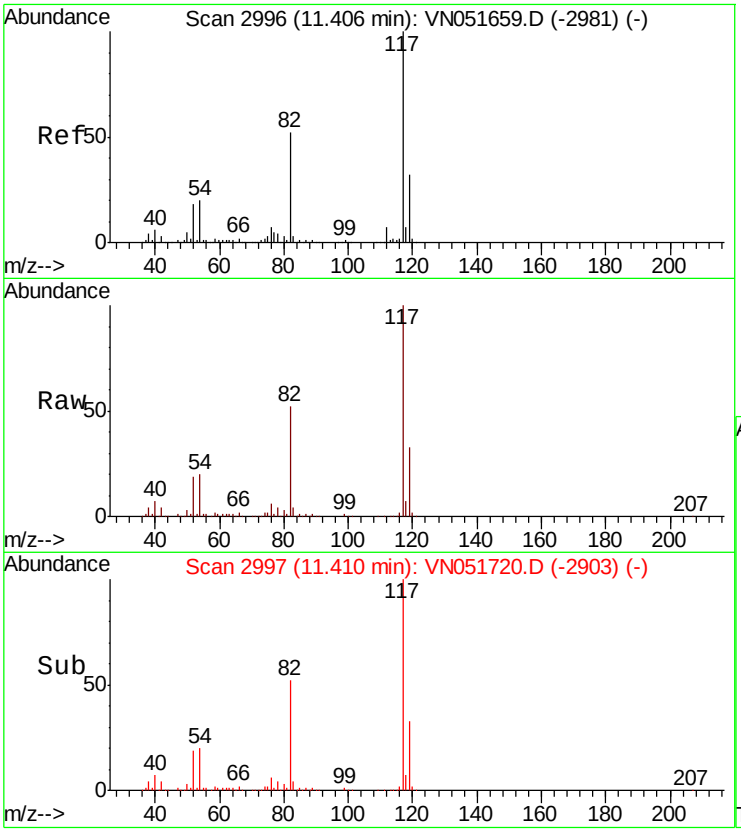


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 95 Resp: 446543

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	182.8
176	91.6	0.0	176.4



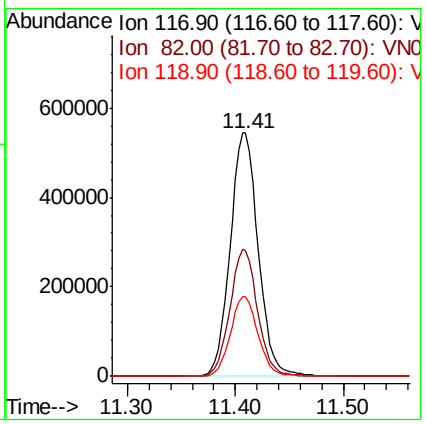


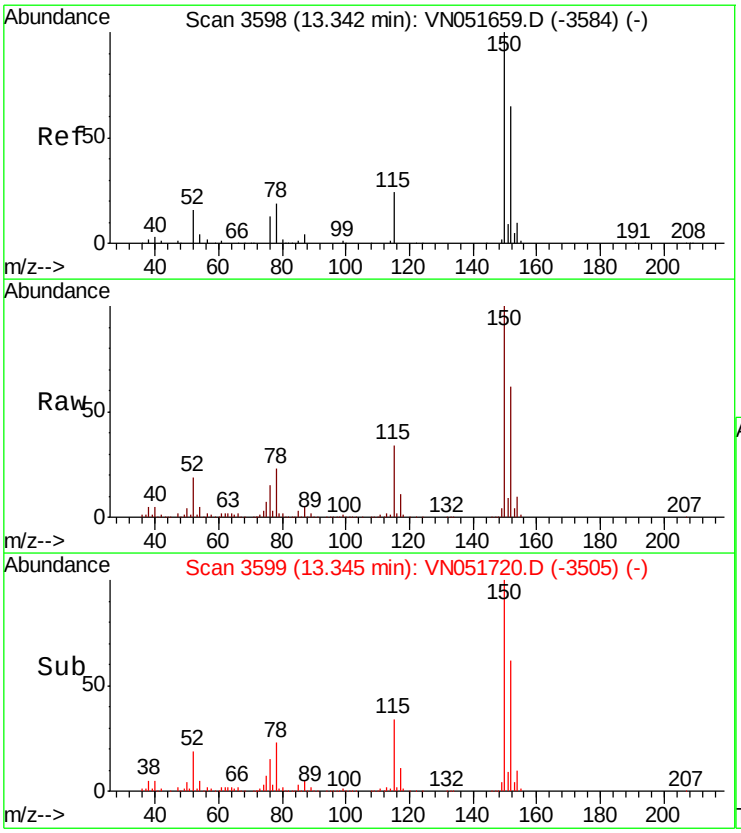
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion:117 Resp: 985979

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.3	61.9
119	32.7	25.9	38.9

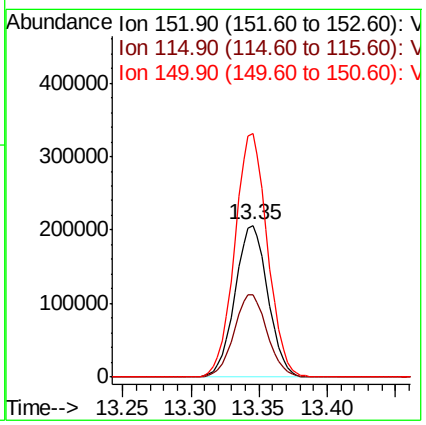


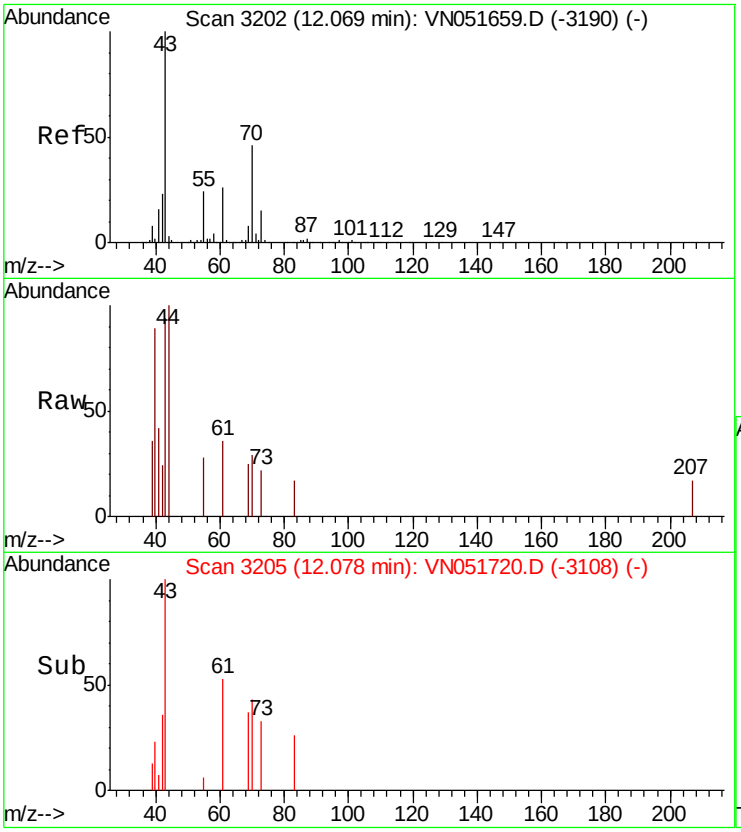


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:152 Resp: 344244

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.6	85.8
150	160.1	0.0	352.4



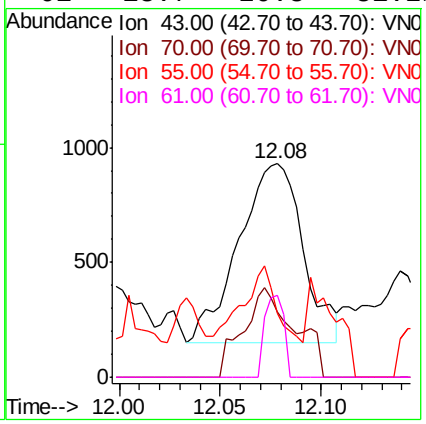


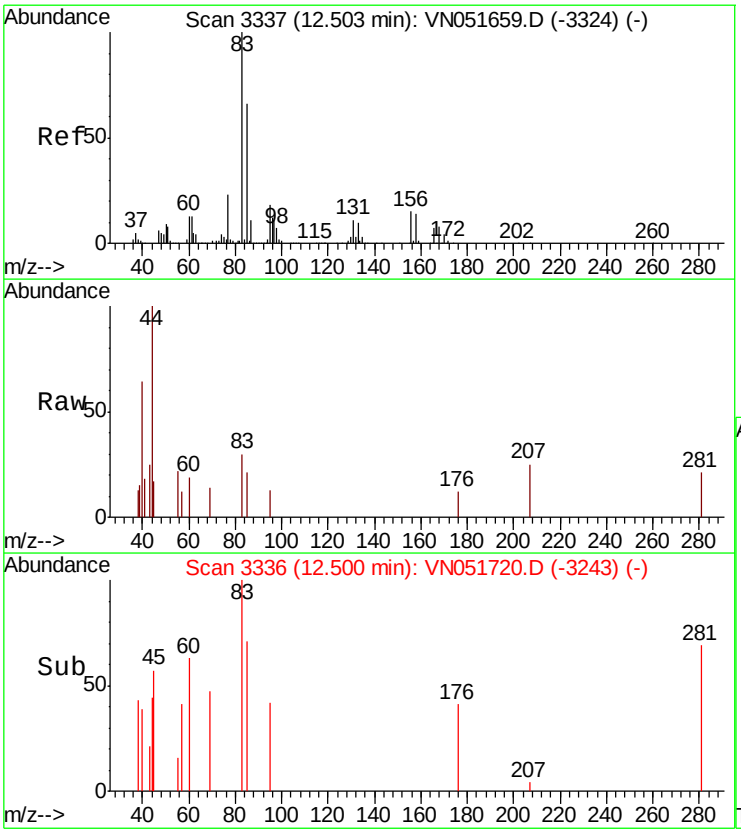
#74
N-amyl acetate
Concen: Below Cal
RT: 12.08 min Scan# 3205
Delta R.T. 0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument : MSVOA_N
ClientSampleId : VN1008WBL01

Tgt Ion: 43 Resp: 1728

Ion	Ratio	Lower	Upper
43	100		
70	33.2	37.1	55.7#
55	17.8	19.1	28.7#
61	13.7	20.8	31.2#

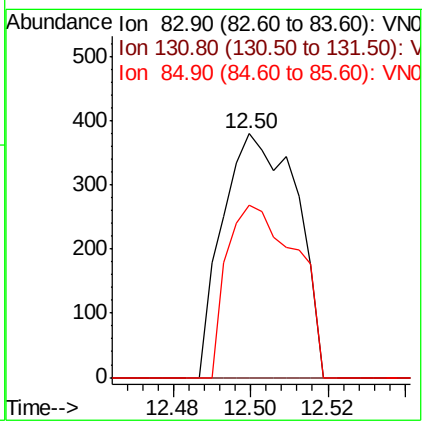


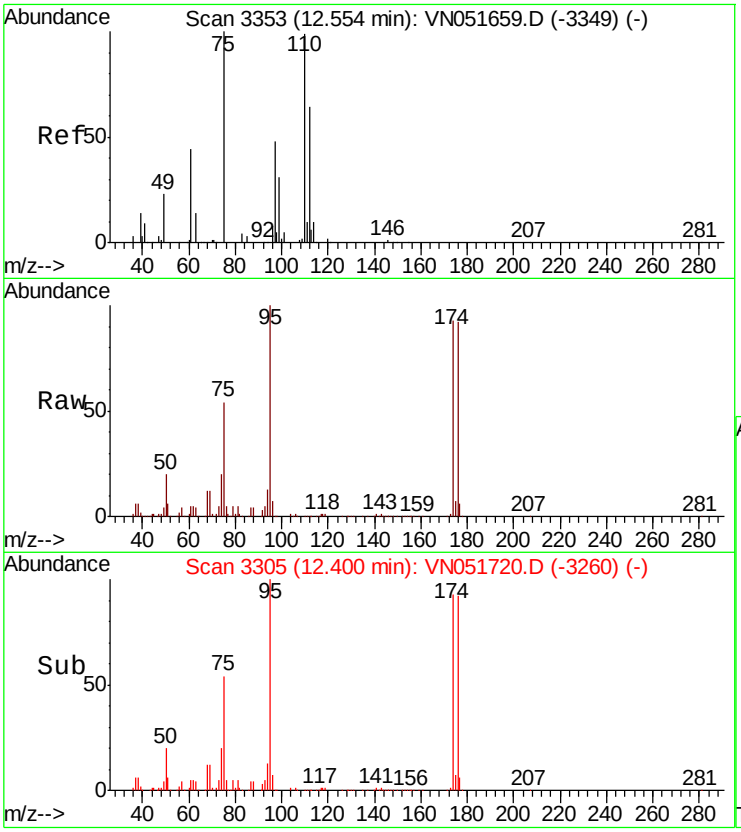


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 83 Resp: 505

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	66.5	33.0	98.9



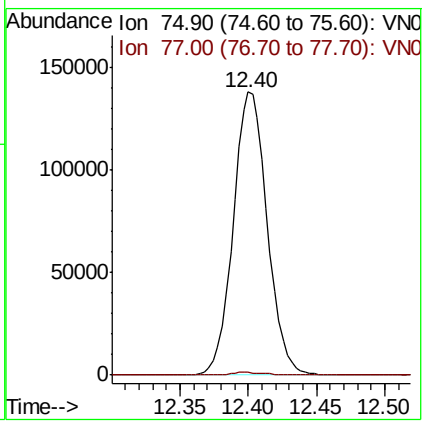


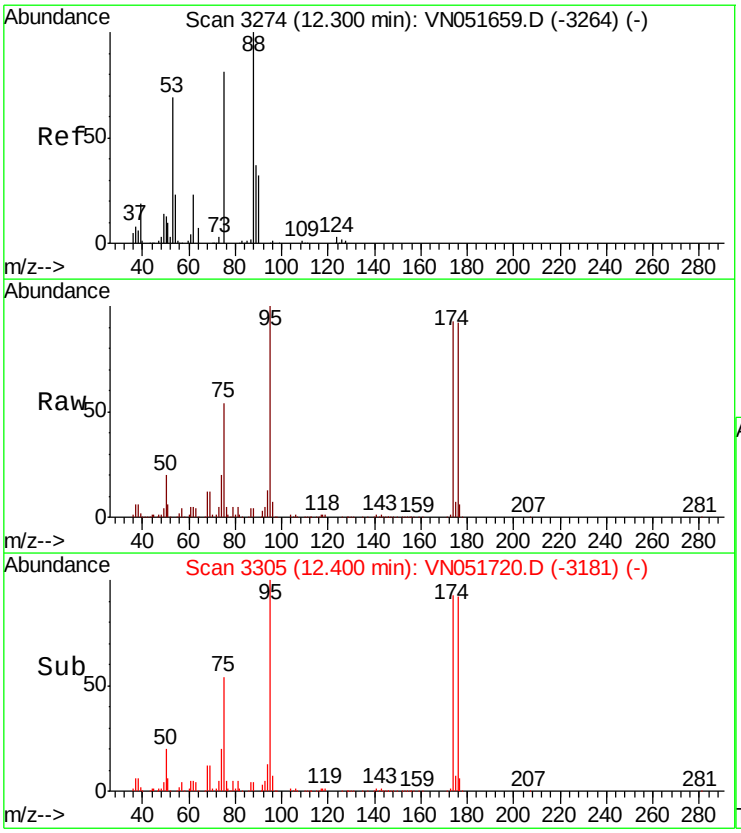
#76
1,2,3-Trichloropropane
Concen: 55.918 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion: 75 Resp: 237103

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

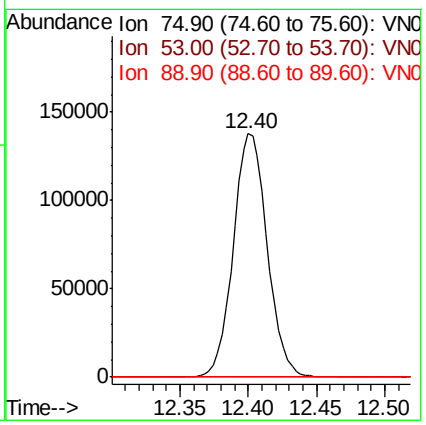


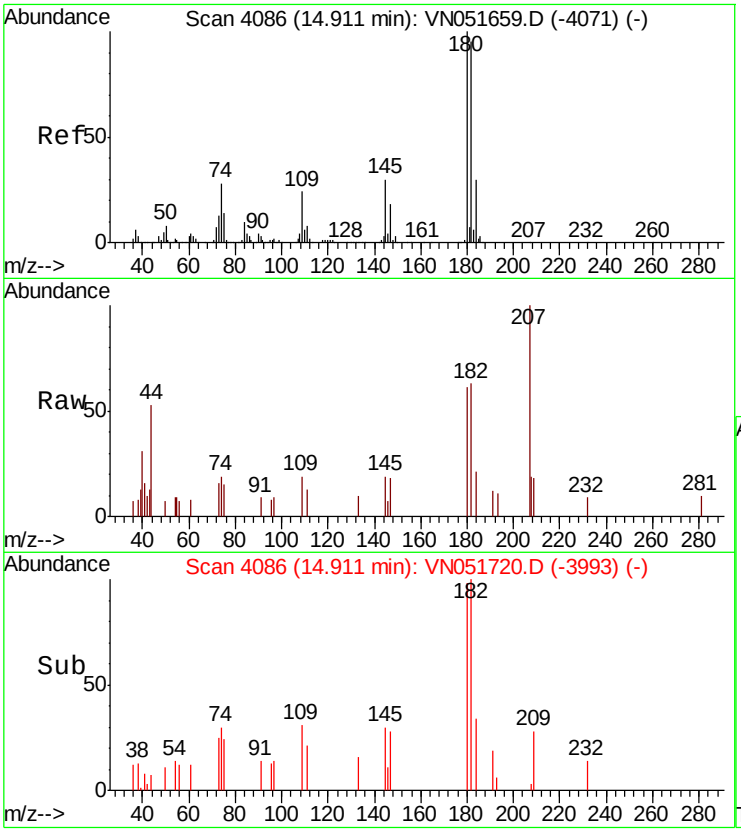


#81
trans-1,4-Dichloro-2-butene
Concen: 126.608 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion: 75 Resp: 237103

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.0	39.4	59.2#



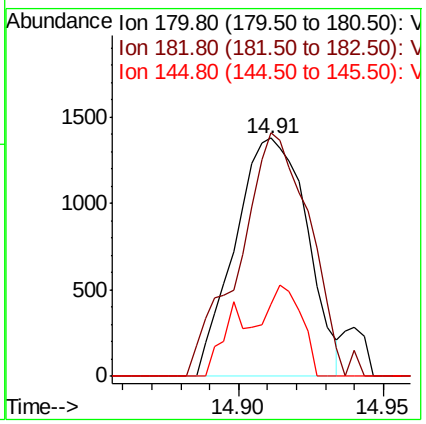


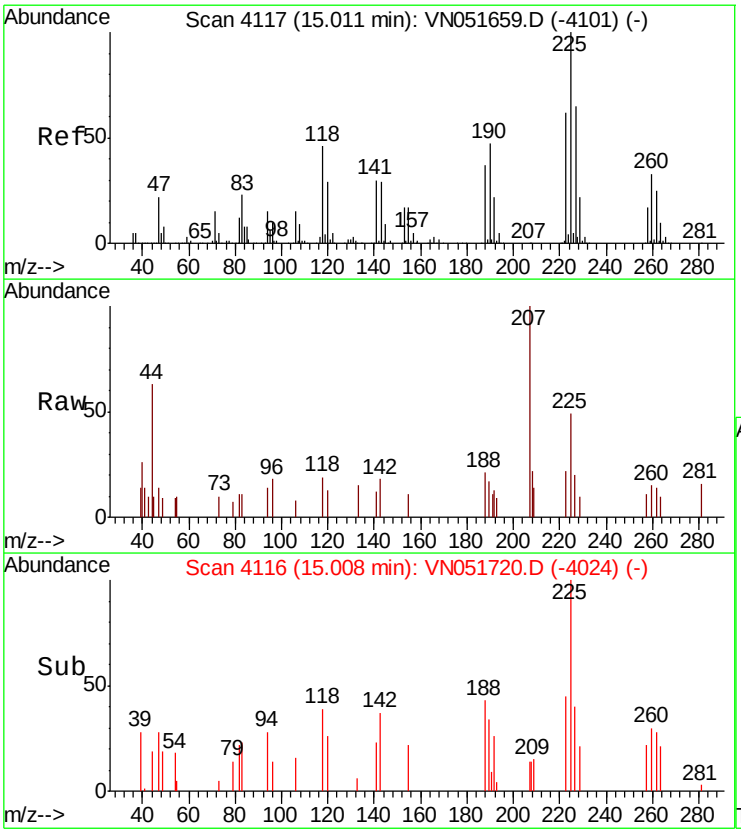
#93
1,2,4-Trichlorobenzene
Concen: 0.429 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion:180 Resp: 2374

Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.7	143.1
145	19.3	15.3	45.9

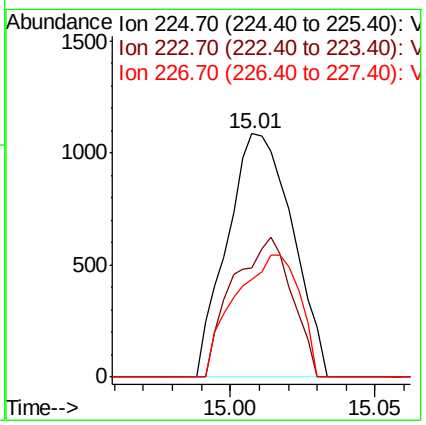


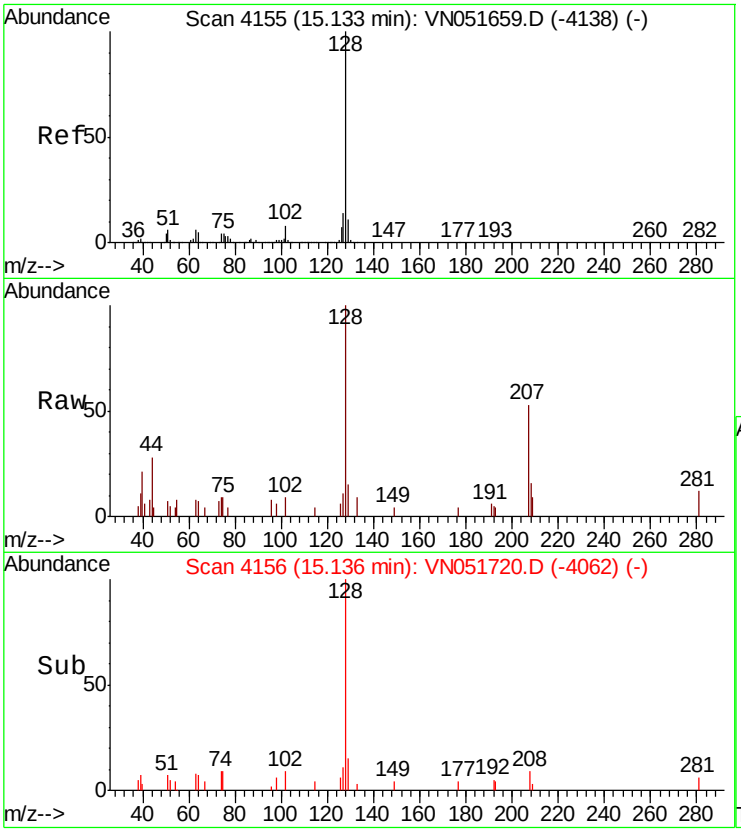


#94
Hexachlorobutadiene
Concen: 0.453 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:225 Resp: 1699

Ion	Ratio	Lower	Upper
225	100		
223	51.9	31.9	95.5
227	49.6	31.7	95.1



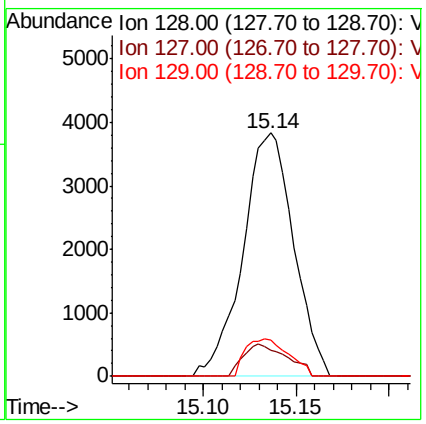


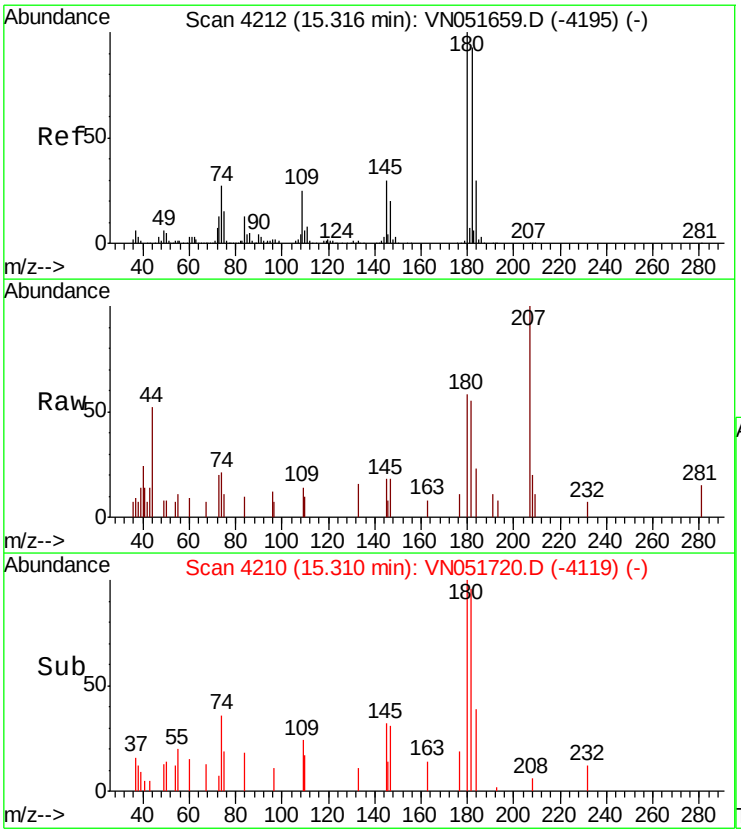
#95
Naphthalene
Concen: 0.610 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion:128 Resp: 7285

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	15.8
129	13.0	9.0	13.6





#96
1,2,3-Trichlorobenzene
Concen: 0.462 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.01 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:180 Resp: 2519

Ion	Ratio	Lower	Upper
180	100		
182	65.3	47.3	141.8
145	32.3	15.6	46.8