Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051298.D
Acq On : 18 Sep 2018 15:25
Operator : MD\SY
Sample : PB112947ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Quant Time: Sep 19 01:18:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	403475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	226928	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.50%			
35) Dibromofluoromethane	7.59	113	236730	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.62%			
50) Toluene-d8	10.09	98	810906	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.54%			
62) 4-Bromofluorobenzene	12.40	95	202939	35.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.46%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	1718	Below Cal		99
5) Bromomethane	2.57	94	2034	1.172	ug/l	92
10) Methyl Iodide	3.96	142	640	6.234	ug/l #	43
11) Tert butyl alcohol	4.79	59	176	0.729	ug/l #	73
16) Acetone	3.82	43	19378	10.461	ug/l	99
18) Methyl Acetate	4.34	43	7709	1.869	ug/l	91
20) Methylene Chloride	4.55	84	23622	4.922	ug/l	97
25) 2-Butanone	6.84	43	2614	1.861	ug/l	90
31) Cyclohexane	7.66	56	6444	0.844	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25588	3.749	ug/l #	47
38) Carbon Tetrachloride	7.67	117	34379	4.830	ug/l #	17
43) Isopropyl Acetate	8.17	43	220305	36.285	ug/l	95
48) Methyl methacrylate	9.18	41	5079	1.737	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	2103	0.671	ug/l	92
54) cis-1,3-Dichloropropene	9.91	75	2153	0.287	ug/l #	64
56) Ethyl methacrylate	10.23	69	1162	2.268	ug/l #	42
59) 2-Hexanone	10.77	43	13616	6.601	ug/l #	57
70) Styrene	11.97	104	430	1.275	ug/l #	55
71) Bromoform	12.41	173	687	0.213	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	94065	48.580	ug/l #	100
77) Bromobenzene	12.53	156	104	Below Cal	#	40
81) trans-1,4-Dichloro-2-buten	12.40	75	94065	147.731	ug/l #	15
88) 1,4-Dichlorobenzene	13.29	146	561	0.523	ug/l	84
89) n-Butylbenzene	13.61	91	456	2.077	ug/l #	55
91) 1,2-Dichlorobenzene	13.66	146	346	Below Cal	#	75
93) 1,2,4-Trichlorobenzene	14.91	180	571	5.248	ug/l #	82
94) Hexachlorobutadiene	15.01	225	250	Below Cal	#	19
95) Naphthalene	15.13	128	1786	6.280	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.31	180	804	4.191	ug/l	63

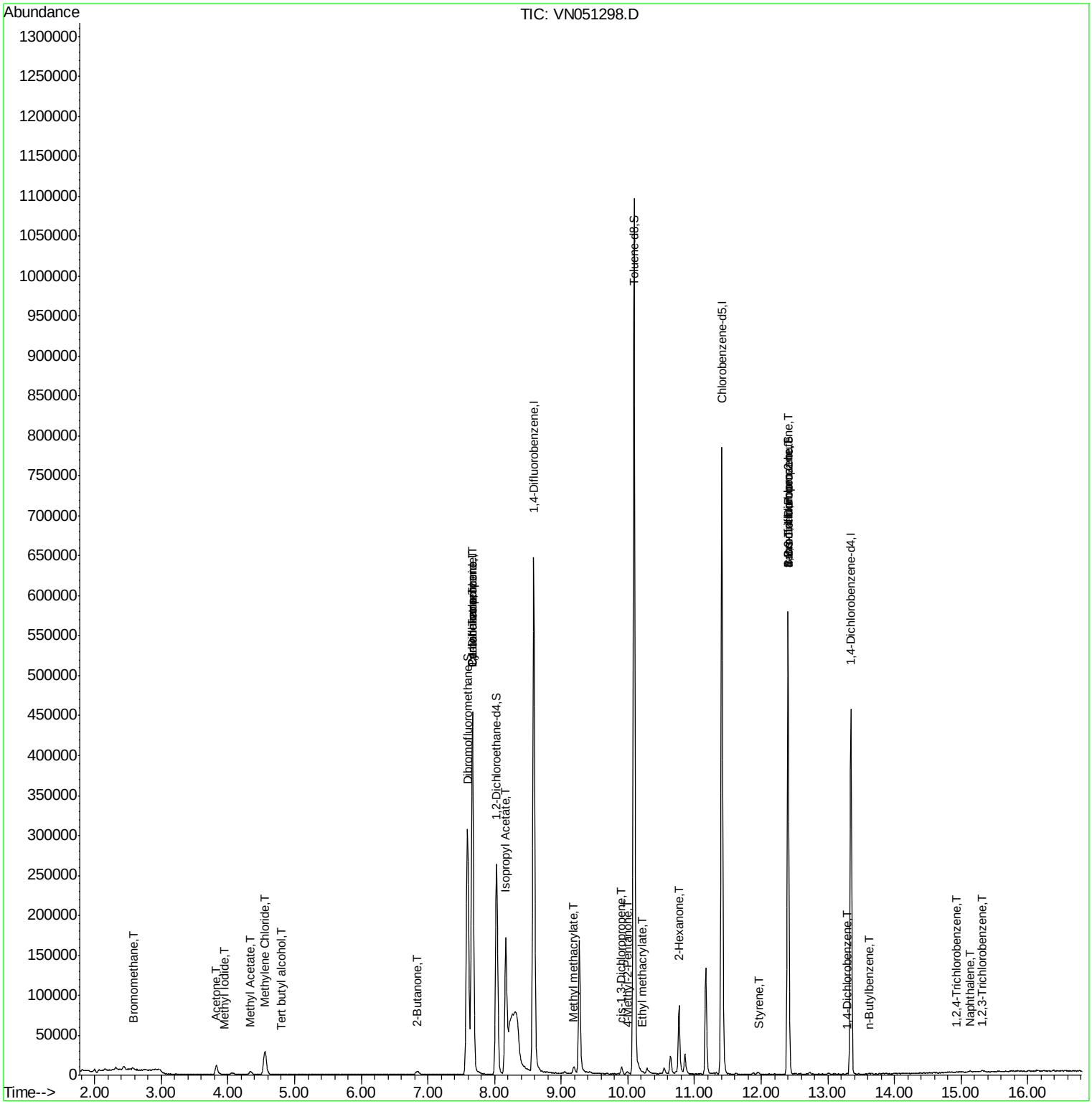
(#) = qualifier out of range (m) = manual integration (+) = signals summed

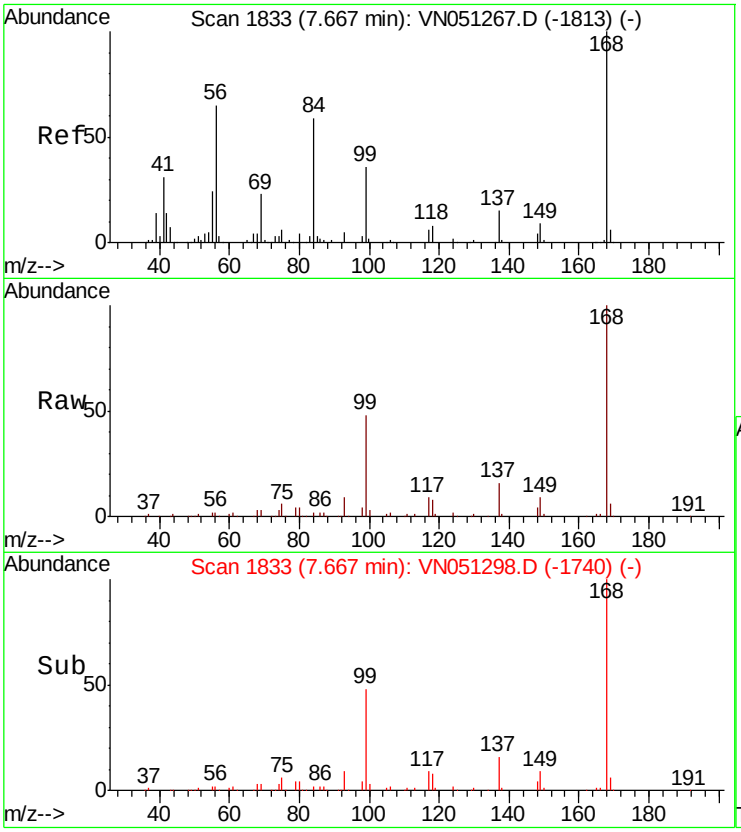
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051298.D
Acq On : 18 Sep 2018 15:25
Operator : MD\SY
Sample : PB112947ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Quant Time: Sep 19 01:18:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration



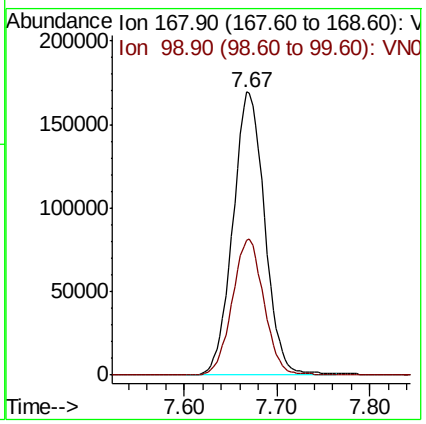


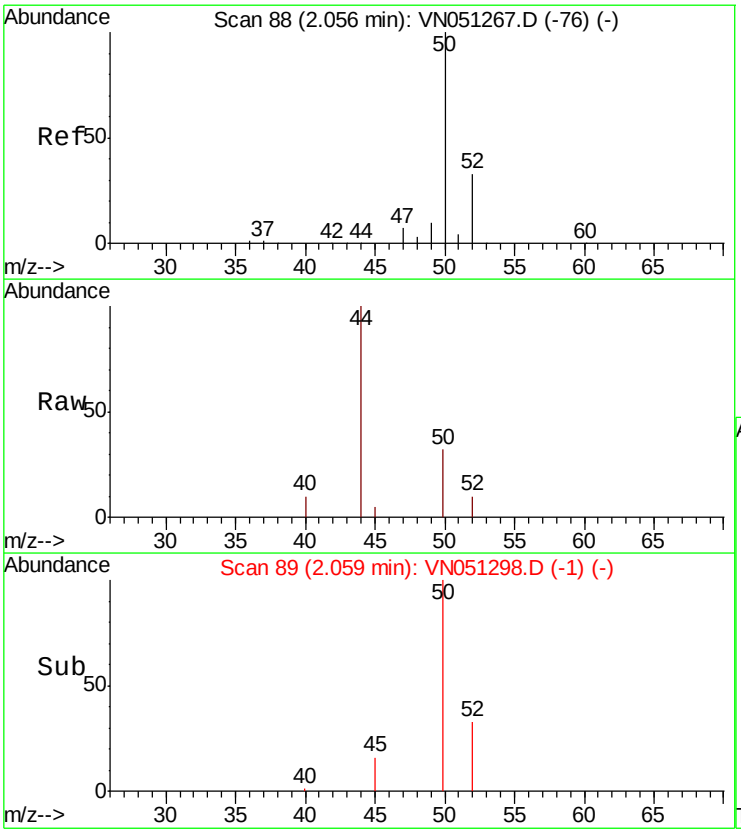
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:168 Resp: 403475

Ion	Ratio	Lower	Upper
168	100		
99	47.7	38.2	57.4

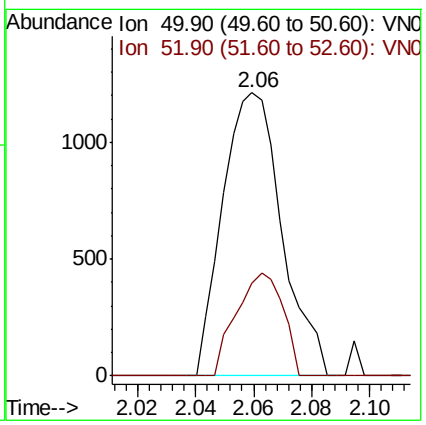


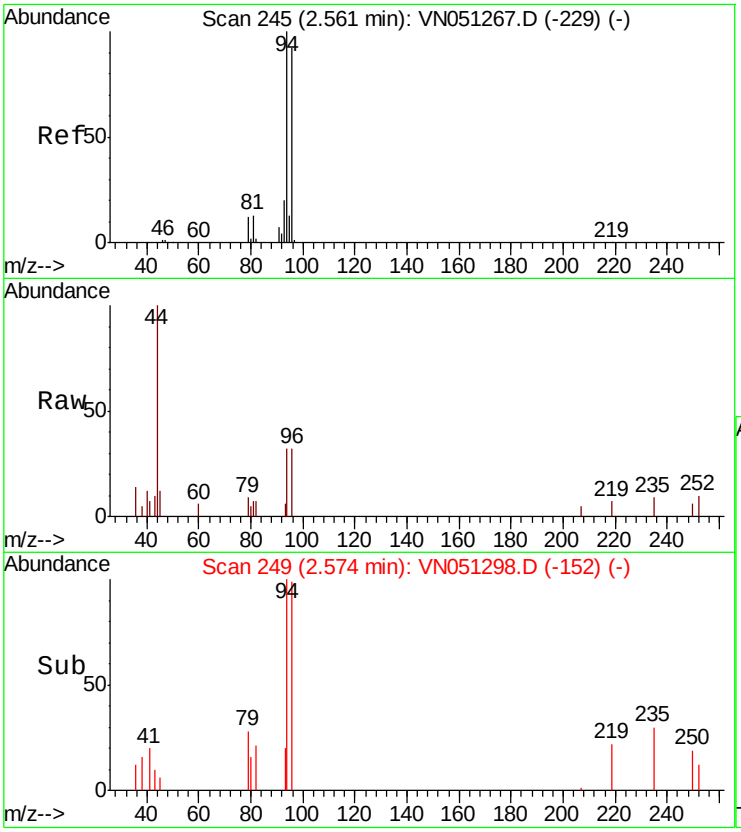


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 50 Resp: 1718

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.6	40.0



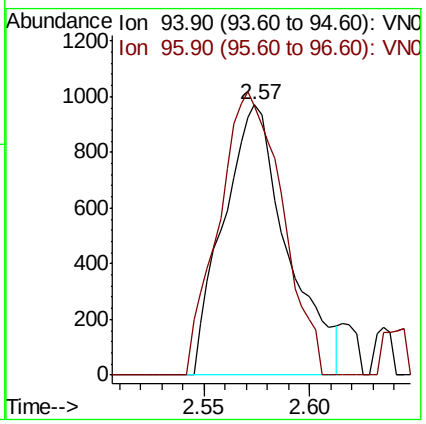


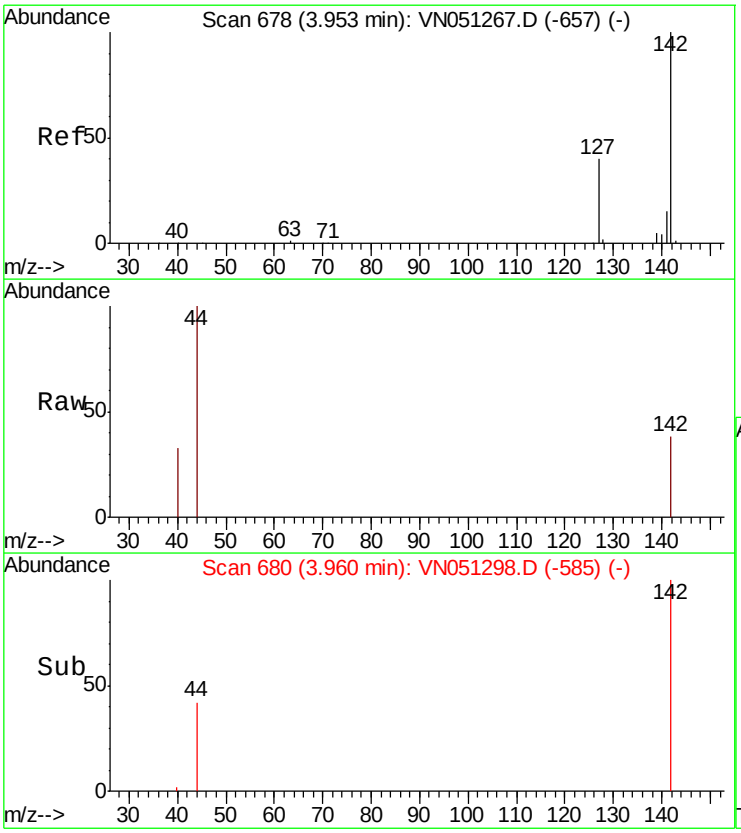
#5
Bromomethane
Concen: 1.172 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 94 Resp: 2034

Ion	Ratio	Lower	Upper
94	100		
96	99.5	73.8	110.8

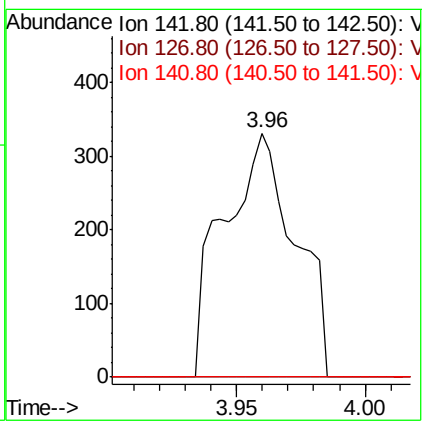


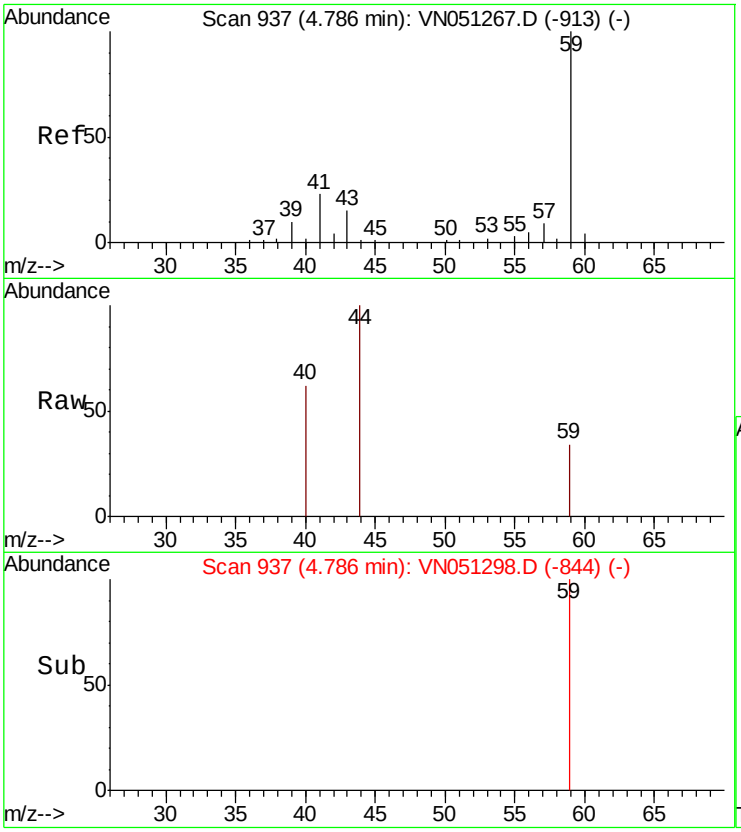


#10
Methyl Iodide
Concen: 6.234 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:142 Resp: 640

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.7	47.5#
141	0.0	11.6	17.4#



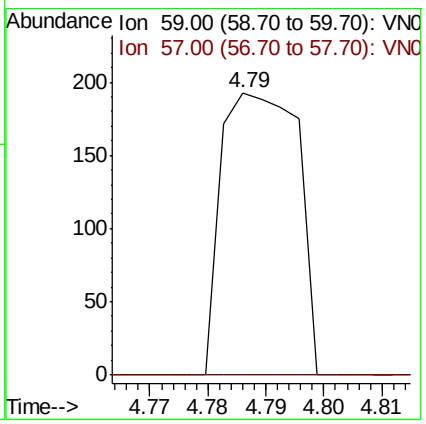


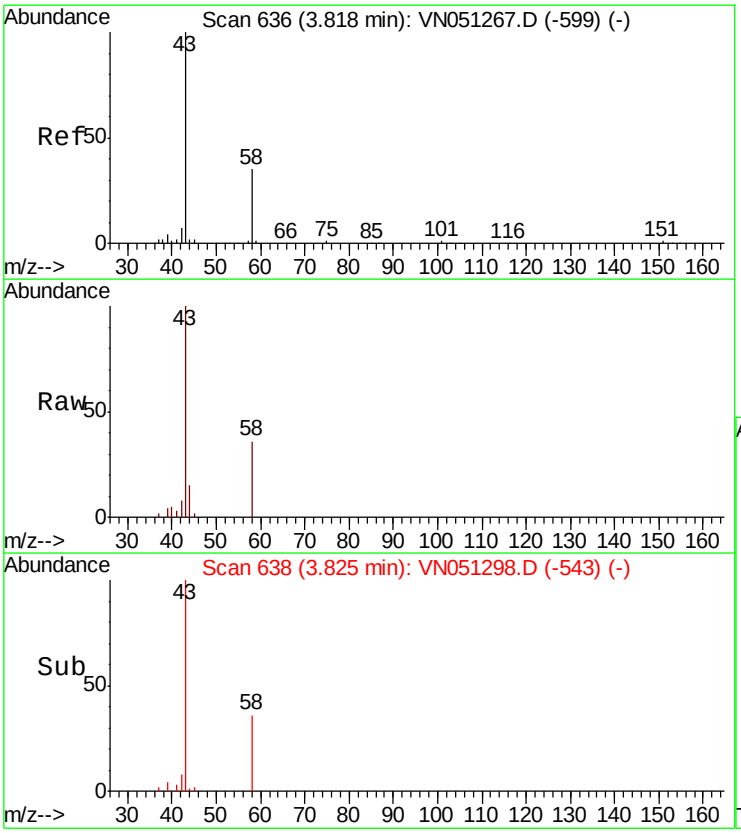
#11
Tert butyl alcohol
Concen: 0.729 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 59 Resp: 176

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

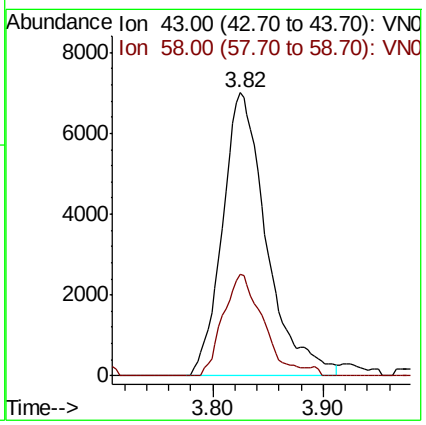


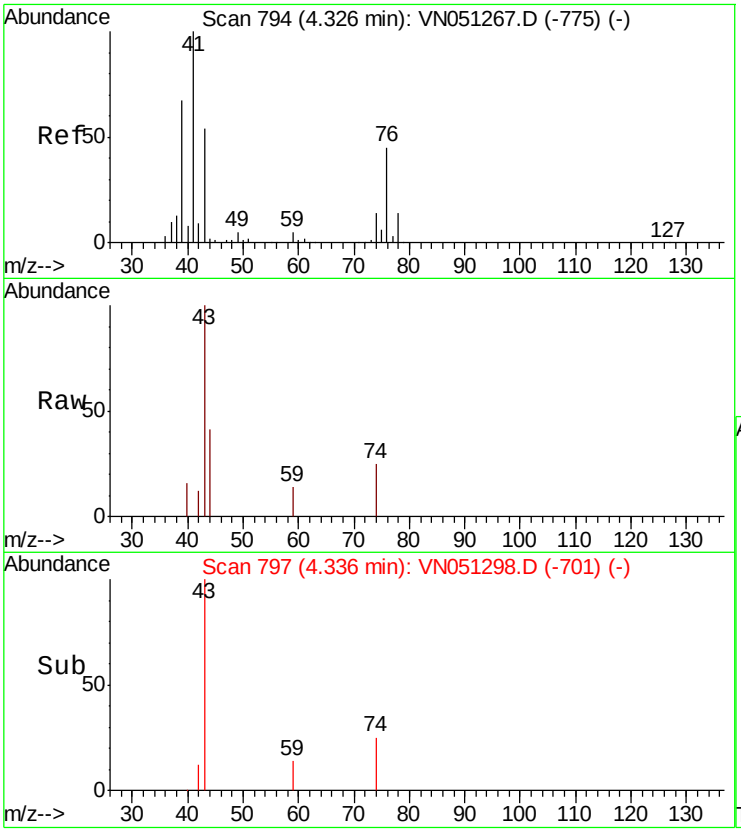


#16
Acetone
Concen: 10.461 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 43 Resp: 19378

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.2	42.2



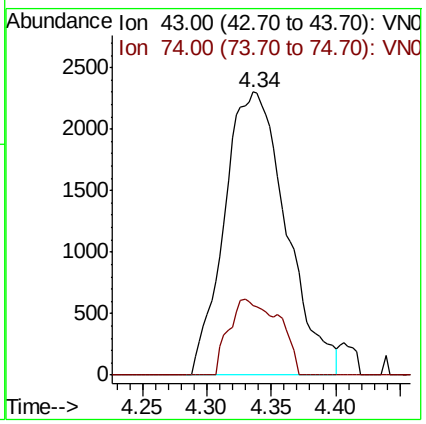


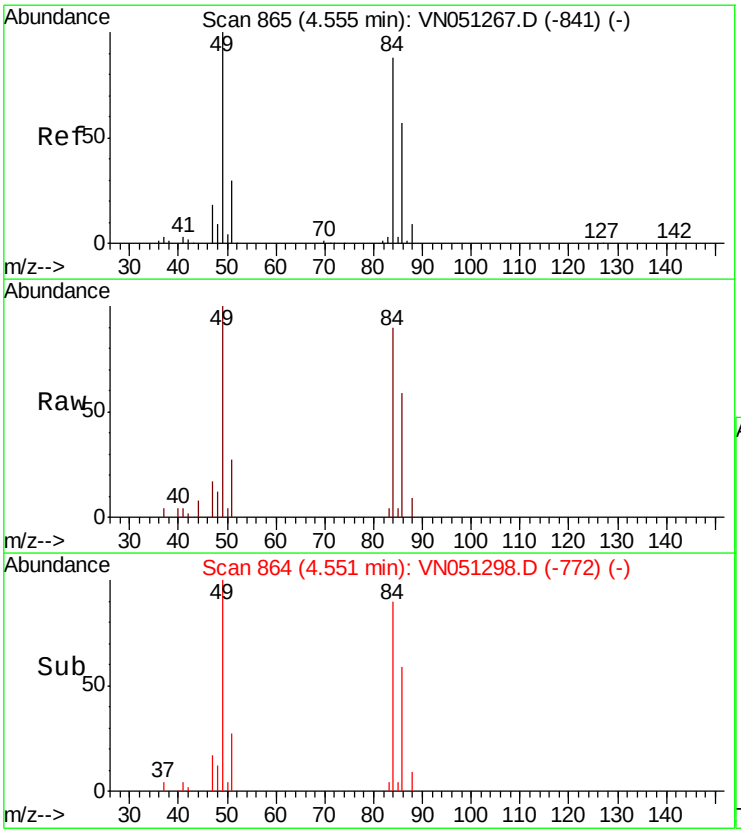
#18
Methyl Acetate
Concen: 1.869 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 43 Resp: 7709

Ion	Ratio	Lower	Upper
43	100		
74	21.5	20.8	31.2

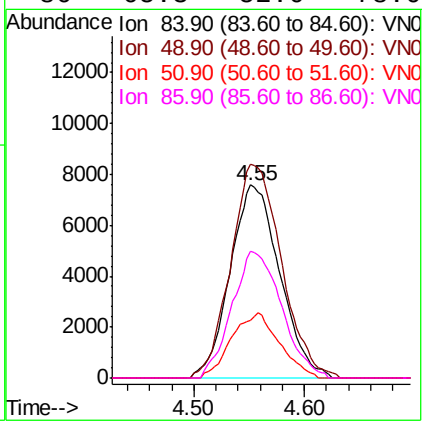


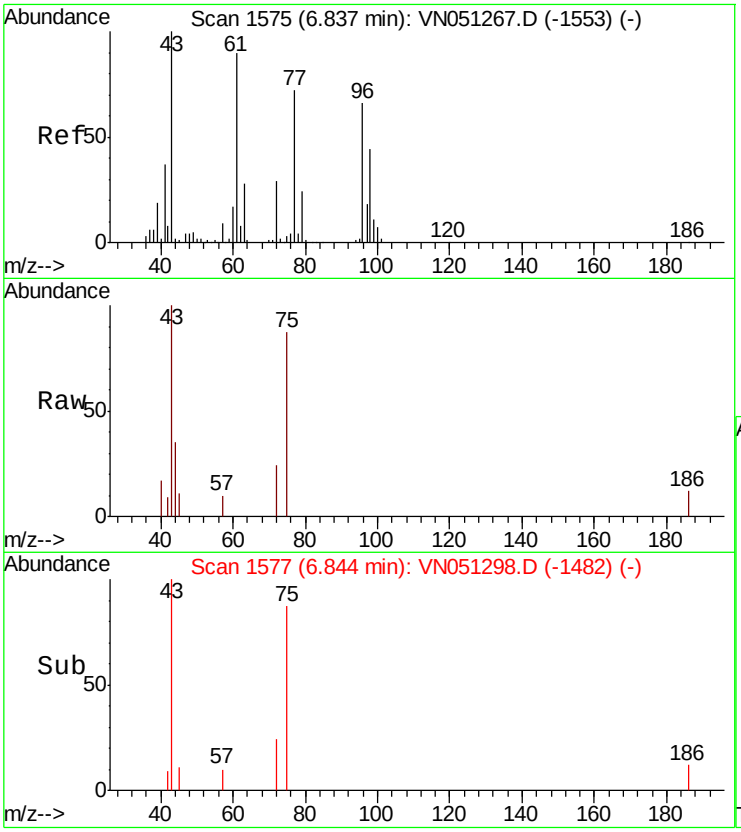


#20
Methylene Chloride
Concen: 4.922 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 84 Resp: 23622

Ion	Ratio	Lower	Upper
84	100		
49	110.5	91.2	136.8
51	30.0	27.7	41.5
86	65.3	52.0	78.0



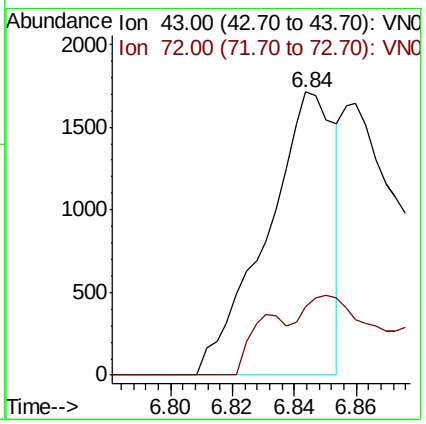


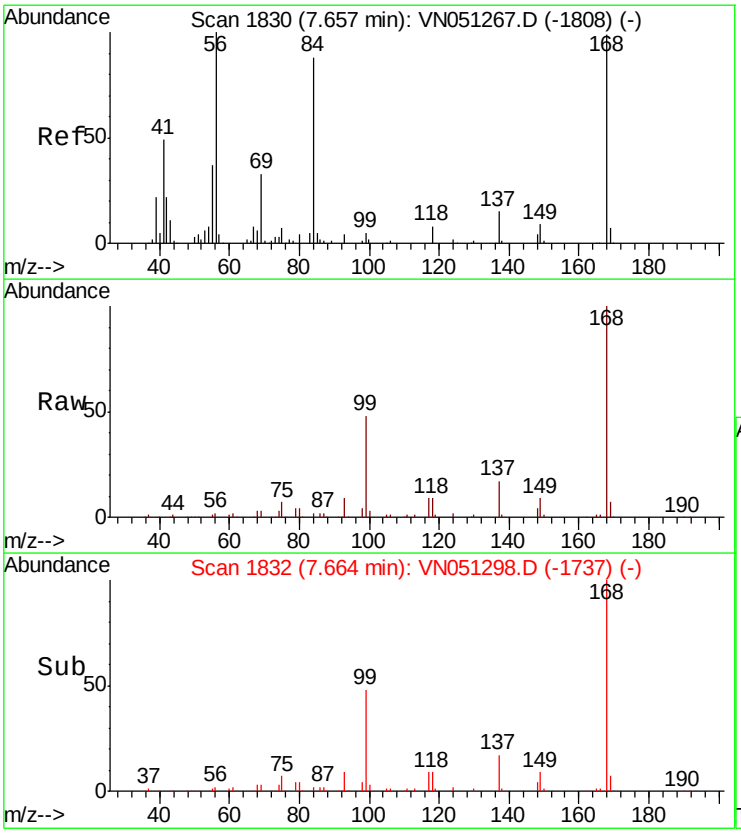
#25
2-Butanone
Concen: 1.861 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 43 Resp: 2614

Ion	Ratio	Lower	Upper
43	100		
72	23.9	23.4	35.0

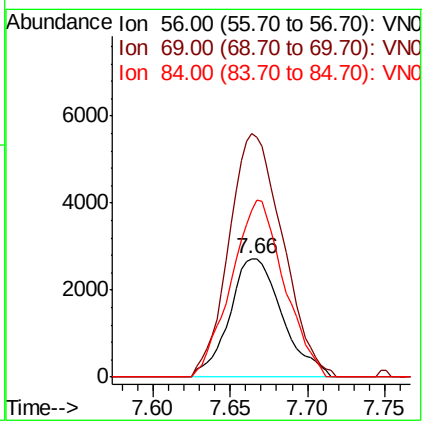


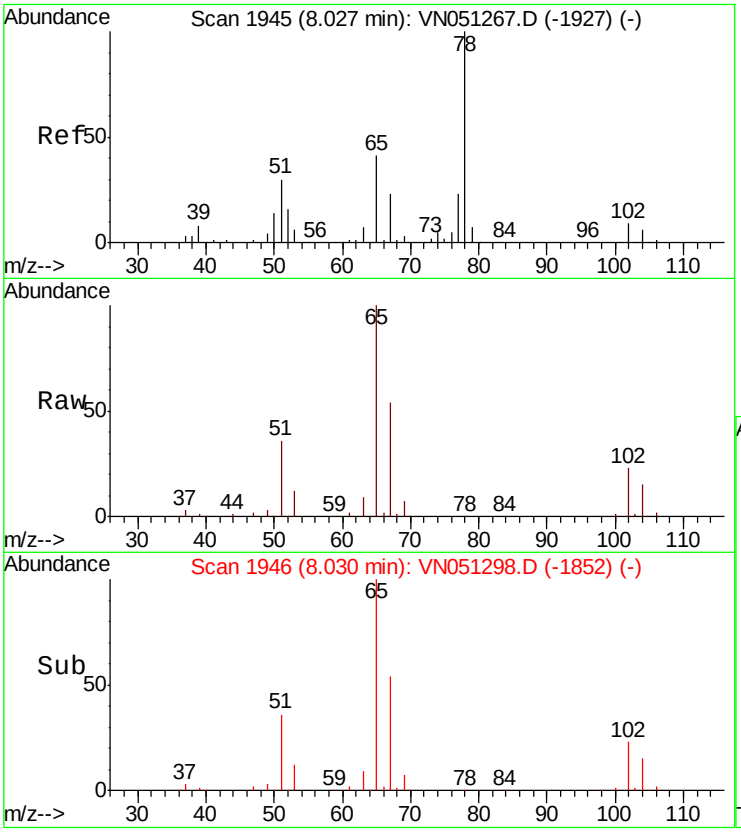


#31
Cyclohexane
Concen: 0.844 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 56 Resp: 6444

Ion	Ratio	Lower	Upper
56	100		
69	205.3	26.2	39.2#
84	140.8	70.6	106.0#



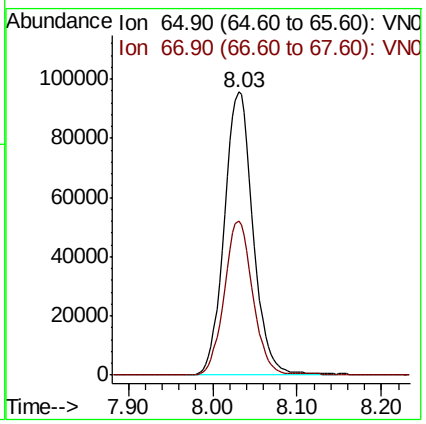


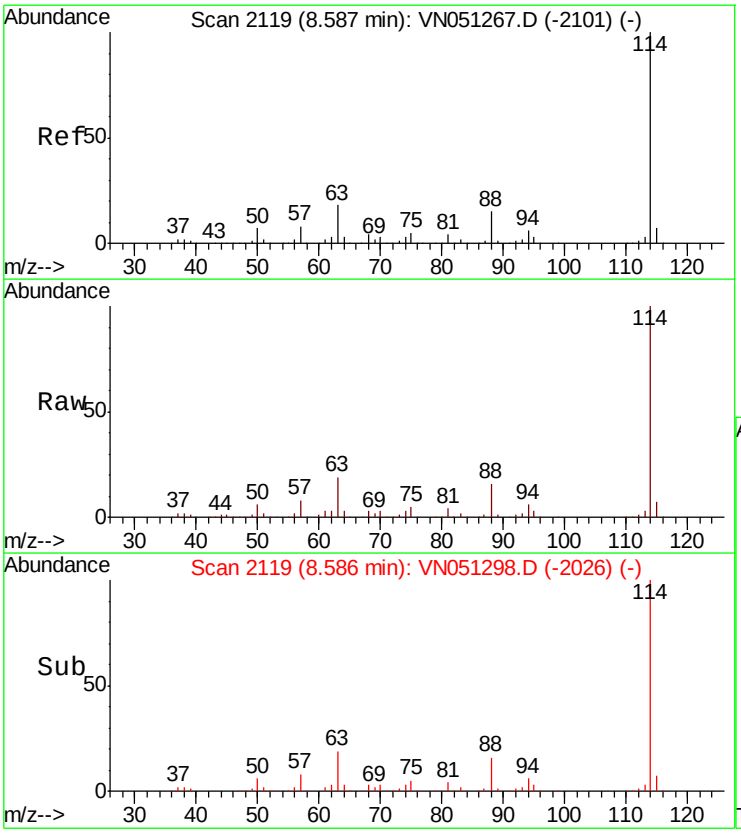
#33
1,2-Dichloroethane-d4
Concen: 51.752 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Tgt Ion: 65 Resp: 226928

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	111.0

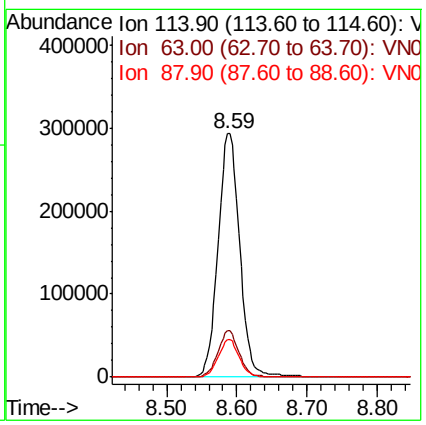


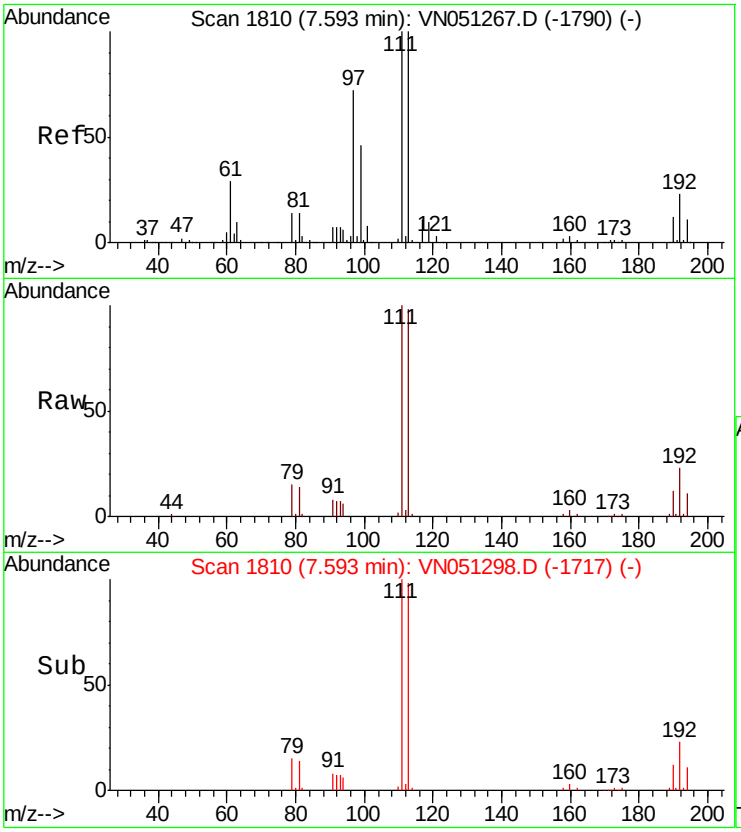


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:114 Resp: 630556

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.8
88	15.5	0.0	30.8



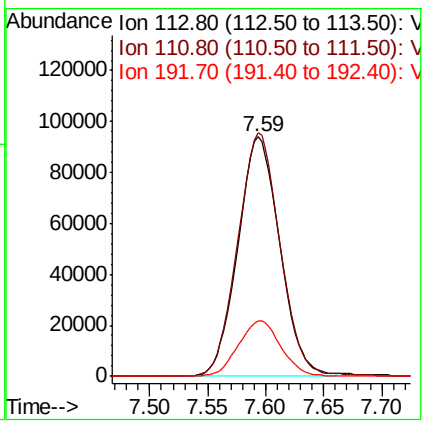


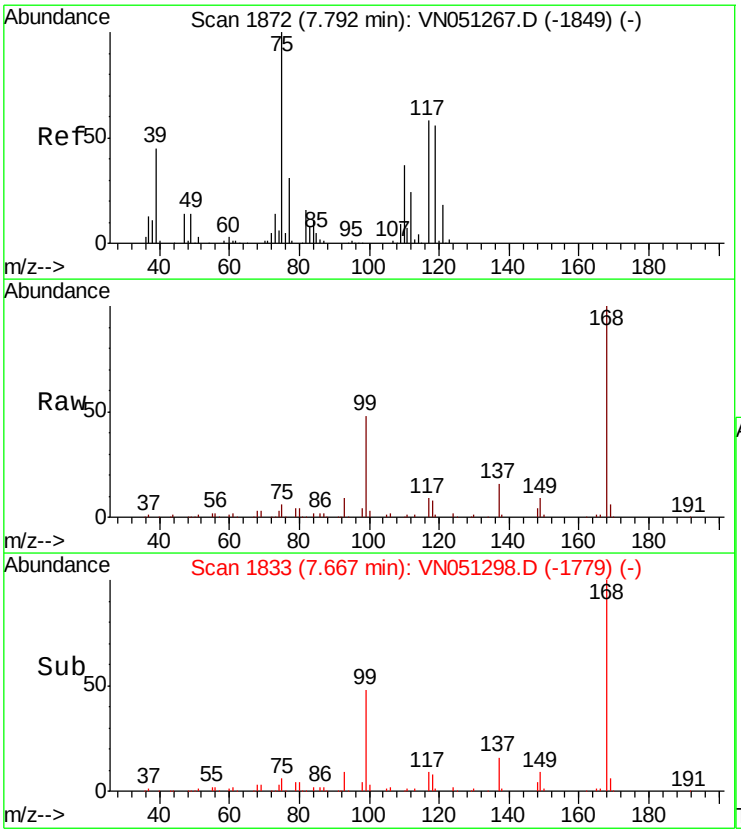
#35
Dibromofluoromethane
Concen: 48.313 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:113 Resp: 236730

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	23.4	19.0	28.6

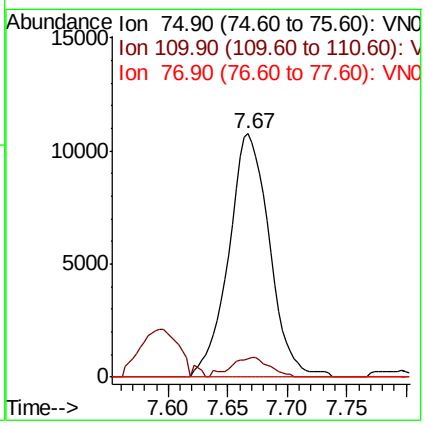


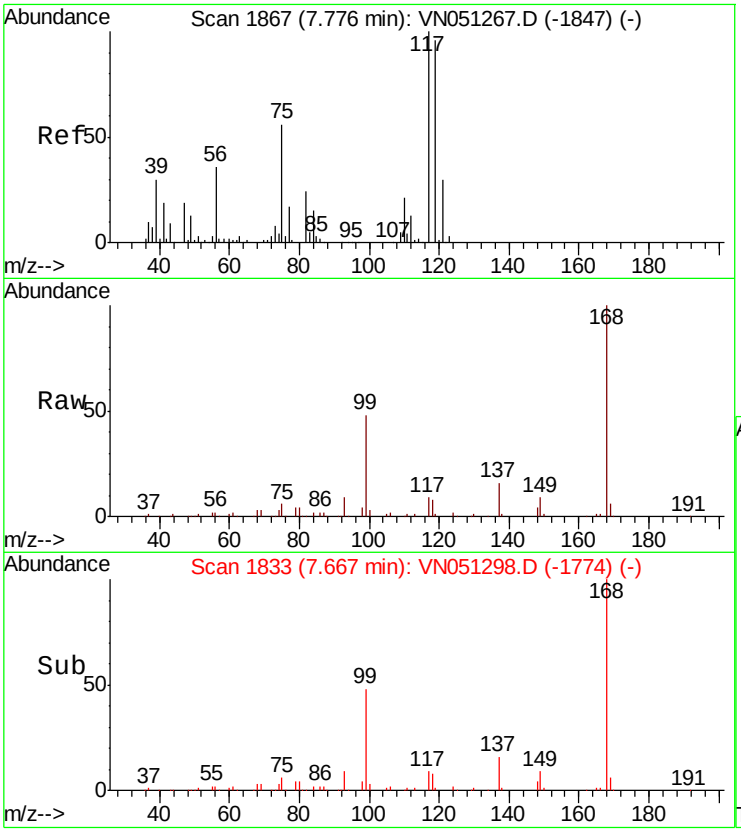


#36
1,1-Dichloropropene
Concen: 3.749 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 75 Resp: 25588

Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.6	56.0#
77	0.0	24.7	37.1#



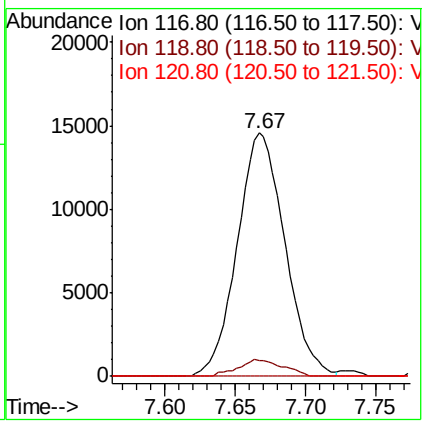


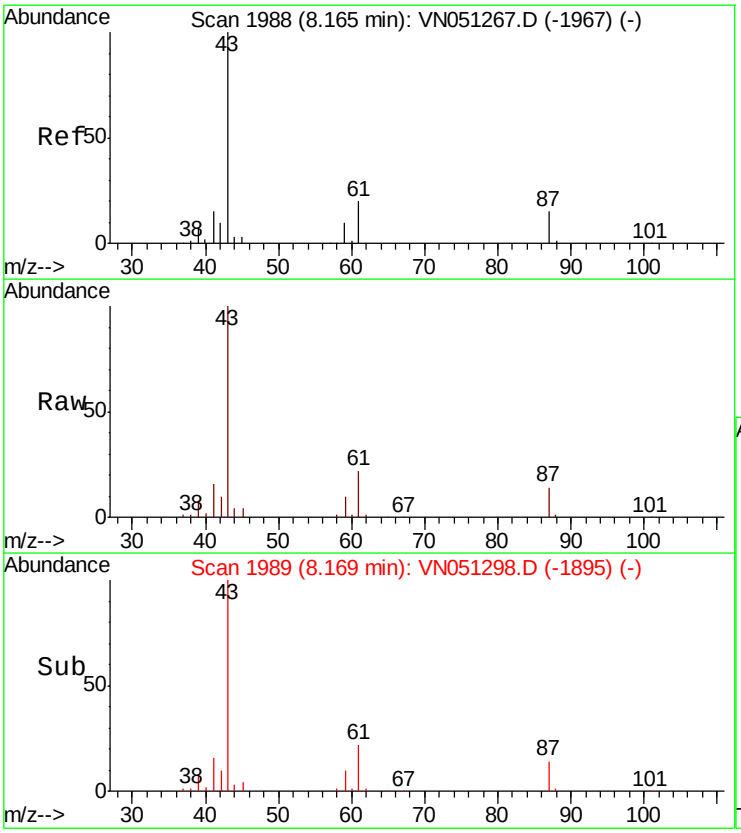
#38
Carbon Tetrachloride
Concen: 4.830 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:117 Resp: 34379

Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.8	115.2#
121	0.0	24.2	36.2#

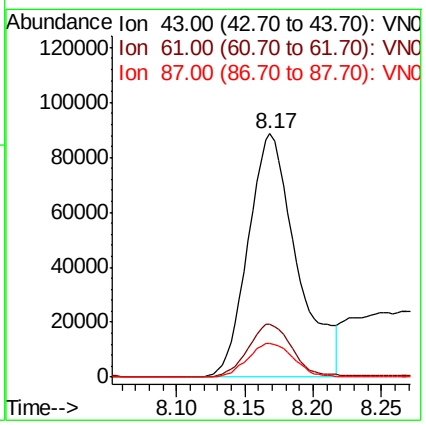


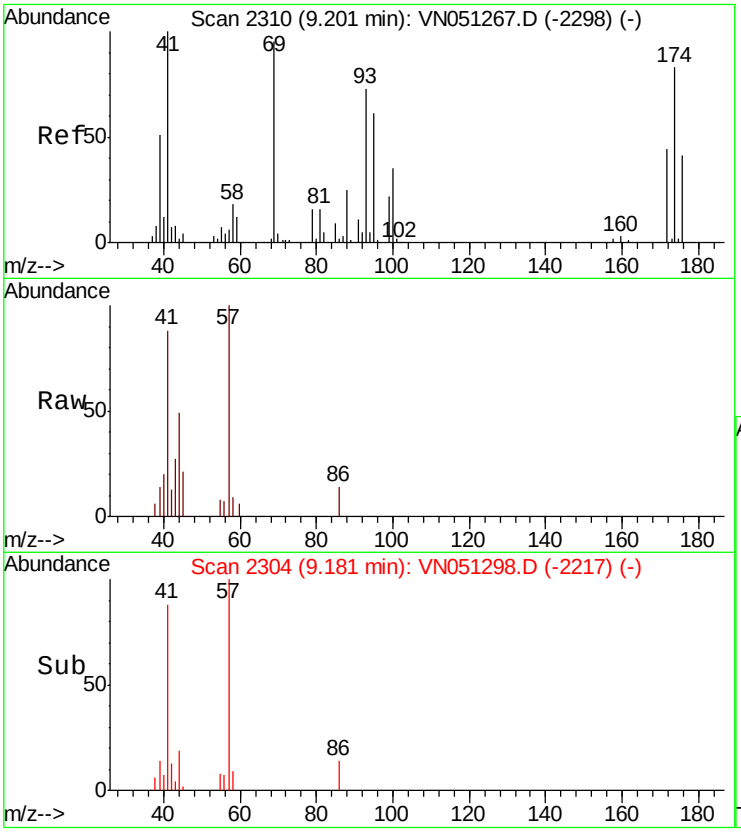


#43
Isopropyl Acetate
Concen: 36.285 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 43 Resp: 220305

Ion	Ratio	Lower	Upper
43	100		
61	19.8	17.4	26.2
87	13.1	12.2	18.4



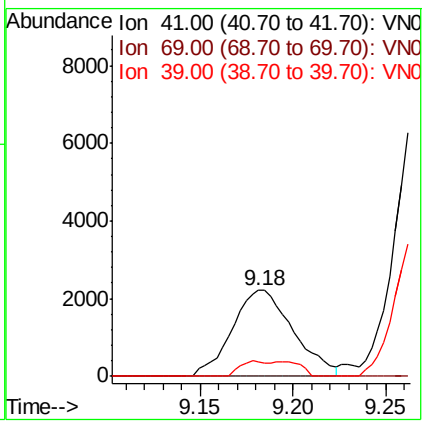


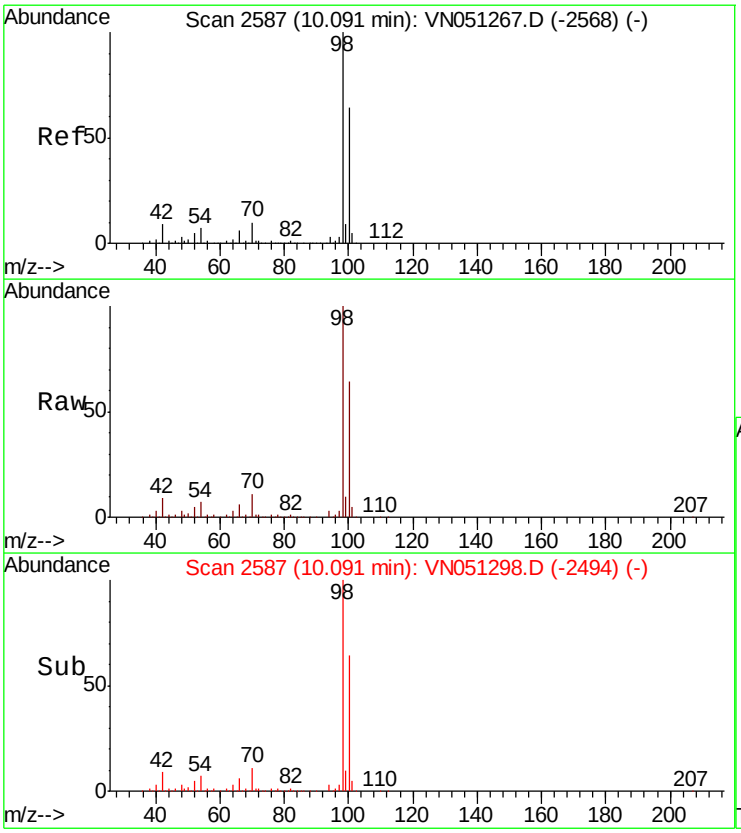
#48
Methyl methacrylate
Concen: 1.737 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 41 Resp: 5079

Ion	Ratio	Lower	Upper
41	100		
69	0.0	78.9	118.3#
39	8.5	42.2	63.2#

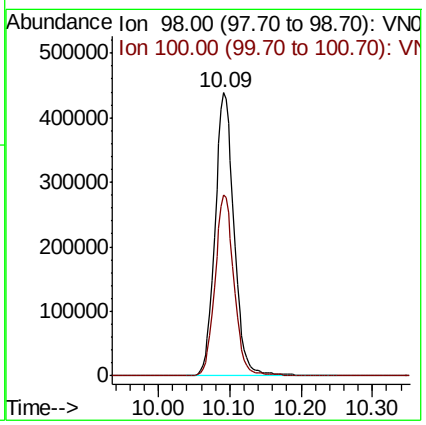


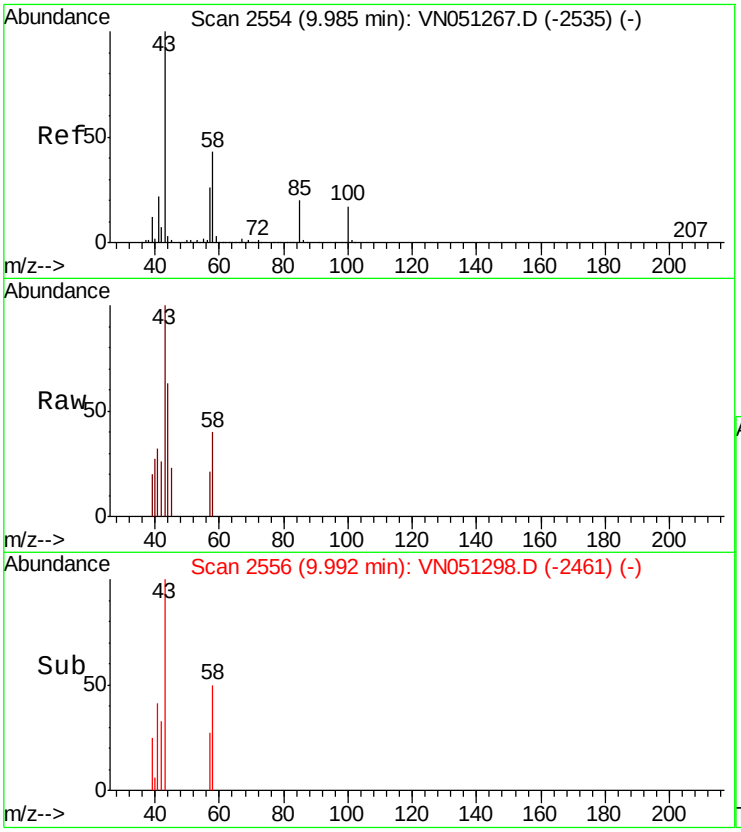


#50
Toluene-d8
Concen: 44.772 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 98 Resp: 810906

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4



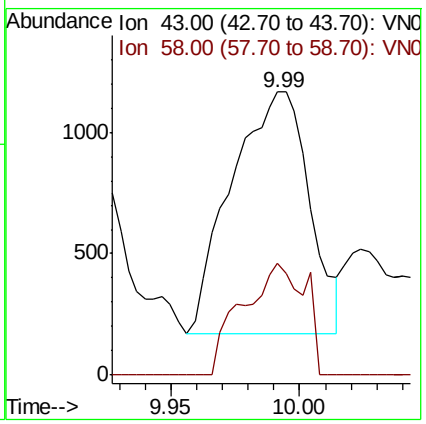


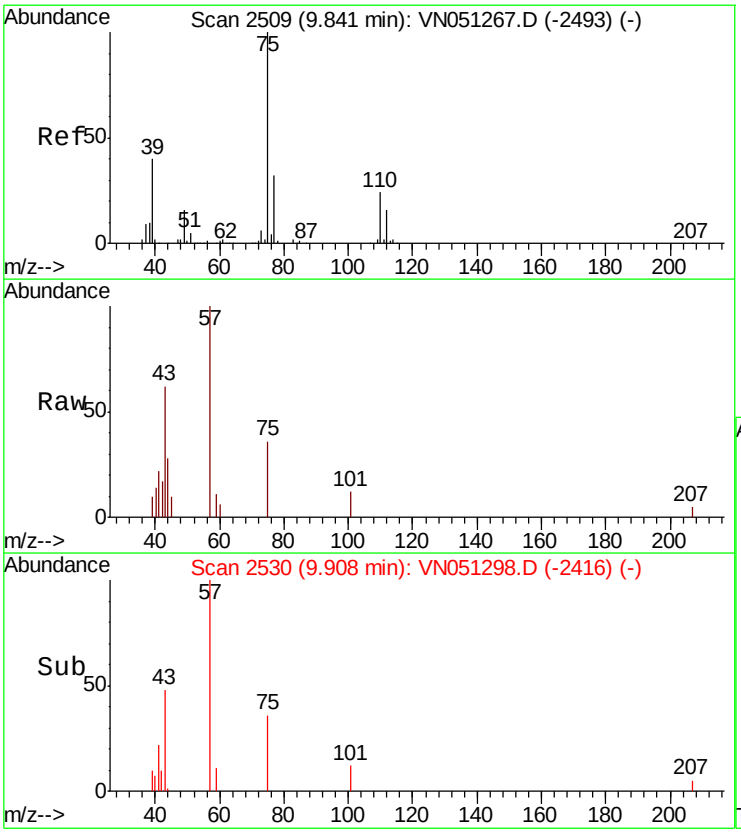
#51
4-Methyl-2-Pentanone
Concen: 0.671 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 43 Resp: 2103

Ion	Ratio	Lower	Upper
43	100		
58	37.0	33.8	50.6

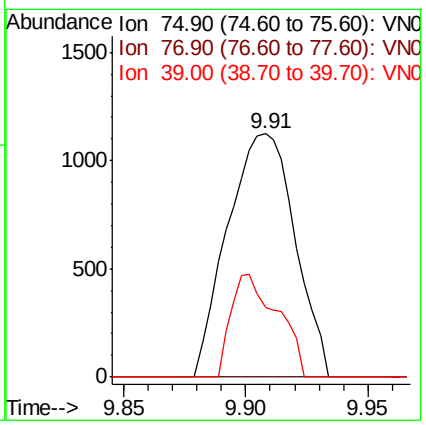


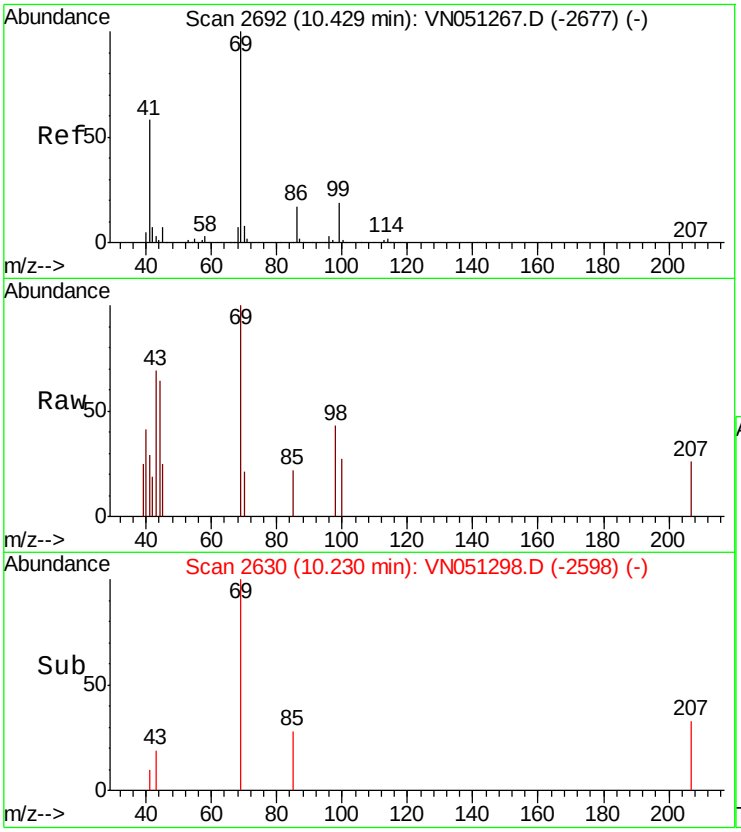


#54
cis-1,3-Dichloropropene
Concen: 0.287 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 75 Resp: 2153

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
39	28.6	31.8	47.8#



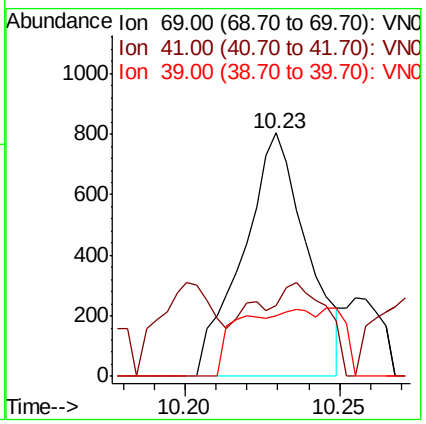


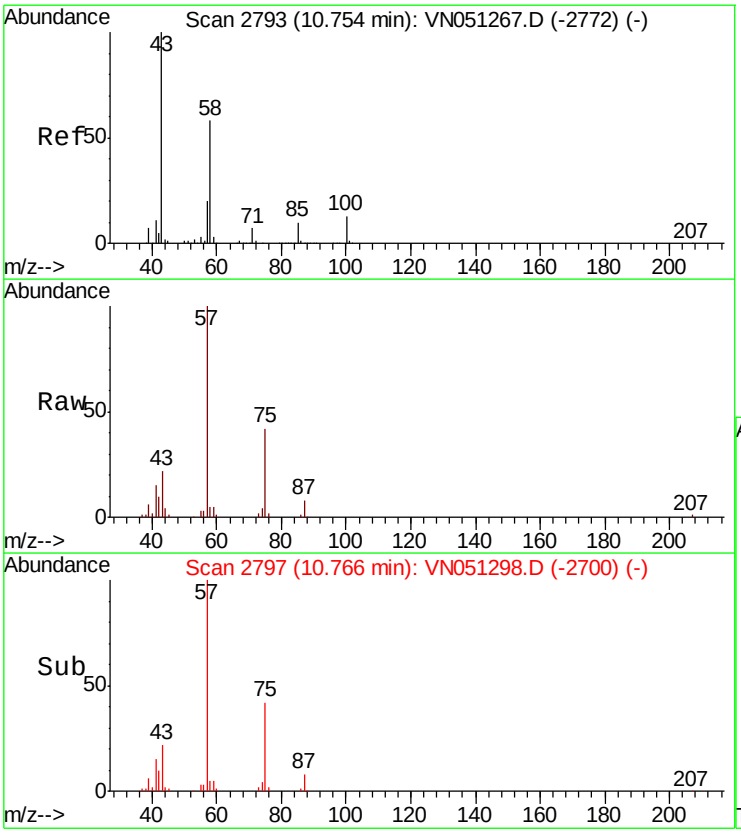
#56
Ethyl methacrylate
Concen: 2.268 ug/l
RT: 10.23 min Scan# 2630
Delta R.T. -0.20 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion: 69 Resp: 1162

Ion	Ratio	Lower	Upper
69	100		
41	14.9	47.4	71.0#
39	0.0	23.7	35.5#

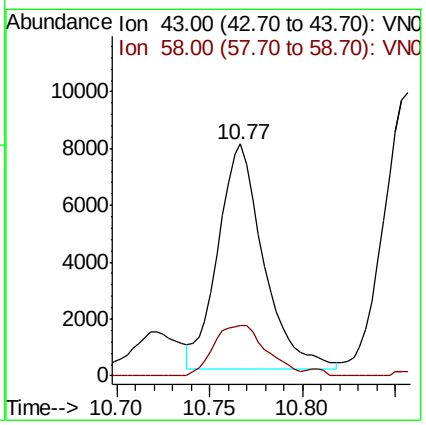


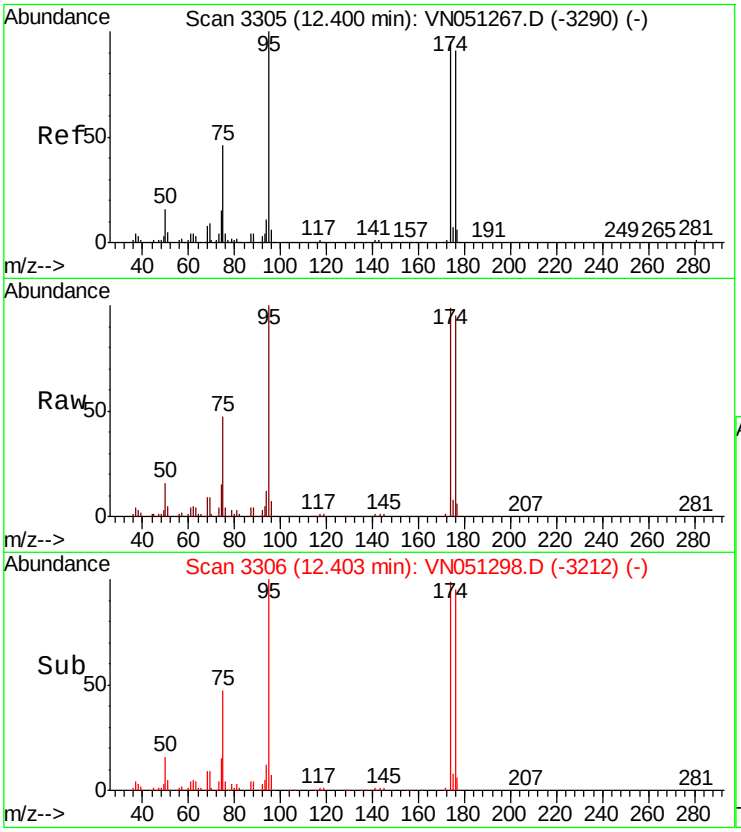


#59
2-Hexanone
Concen: 6.601 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 43 Resp: 13616

Ion	Ratio	Lower	Upper
43	100		
58	25.6	28.9	86.8#



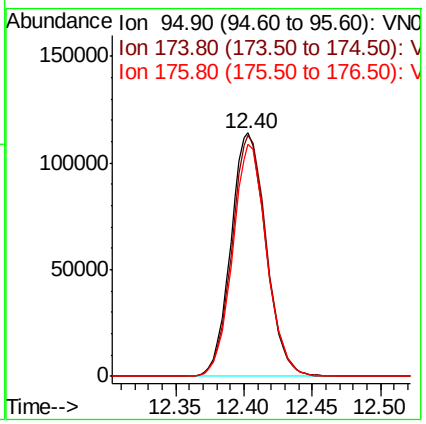


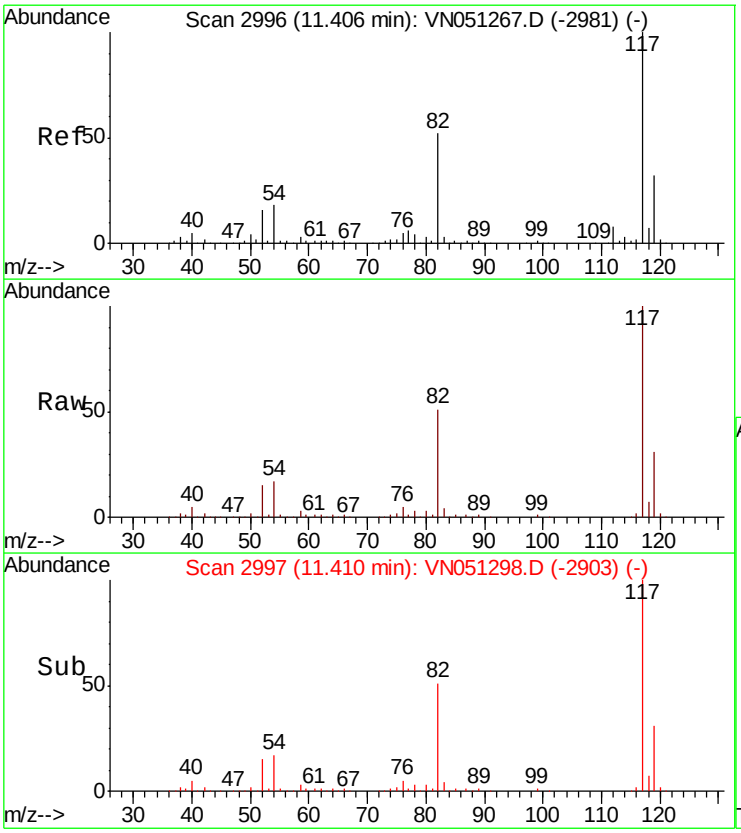
#62
4-Bromofluorobenzene
Concen: 35.227 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Tgt Ion: 95 Resp: 202939

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	189.6
176	92.8	0.0	182.6

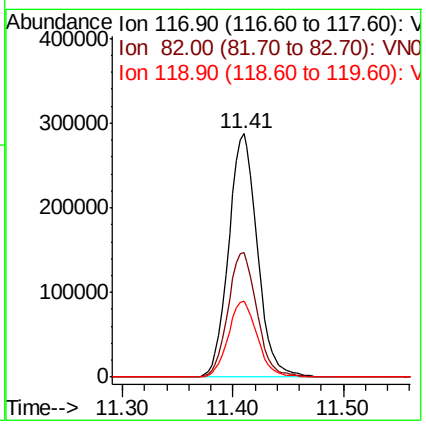


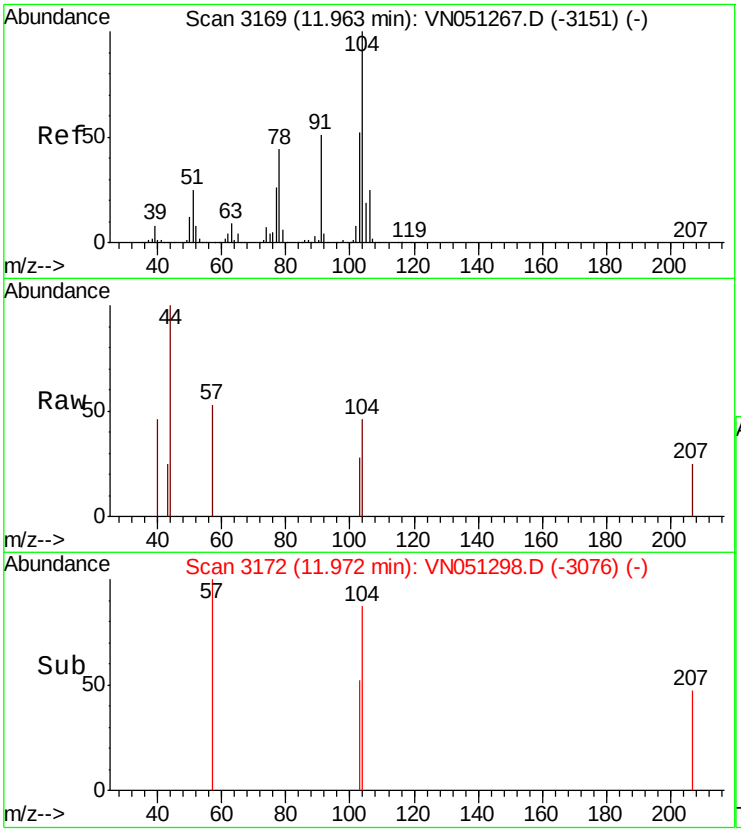


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:117 Resp: 518495

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.8	62.8
119	31.0	25.6	38.4



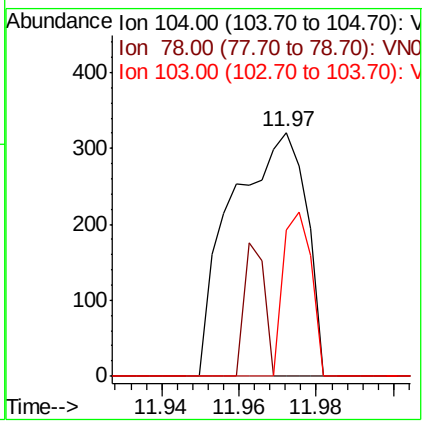


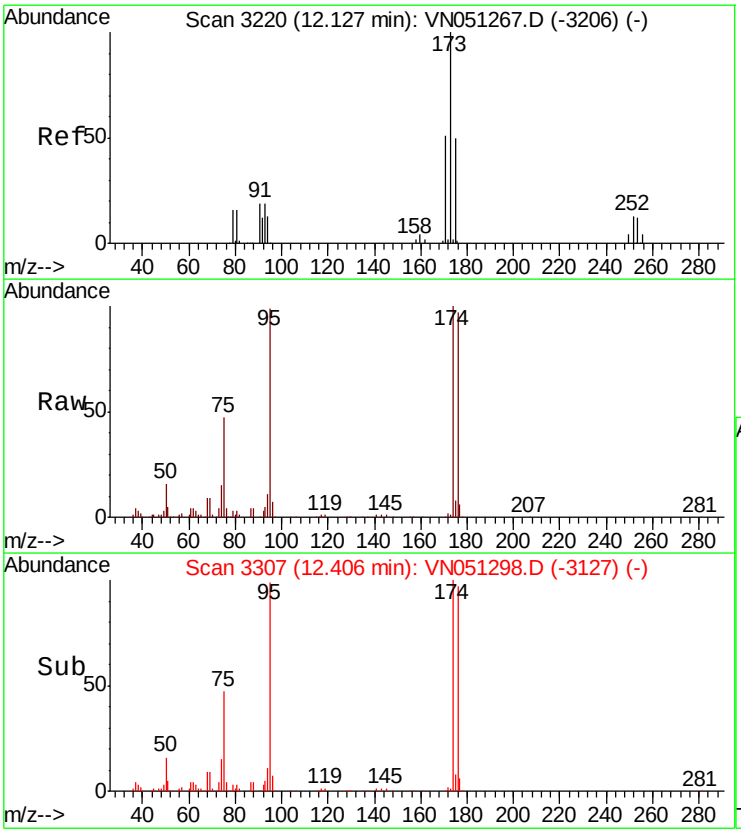
#70
Styrene
Concen: 1.275 ug/l
RT: 11.97 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Tgt Ion:104 Resp: 430

Ion	Ratio	Lower	Upper
104	100		
78	14.7	38.1	57.1#
103	25.6	44.8	67.2#

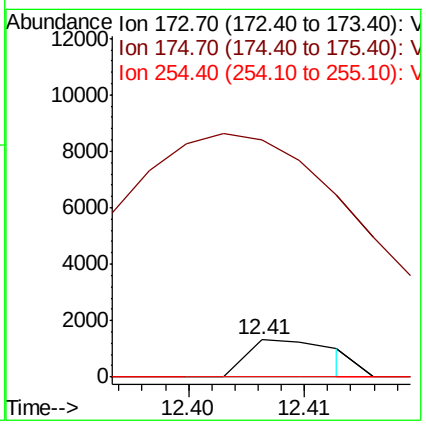


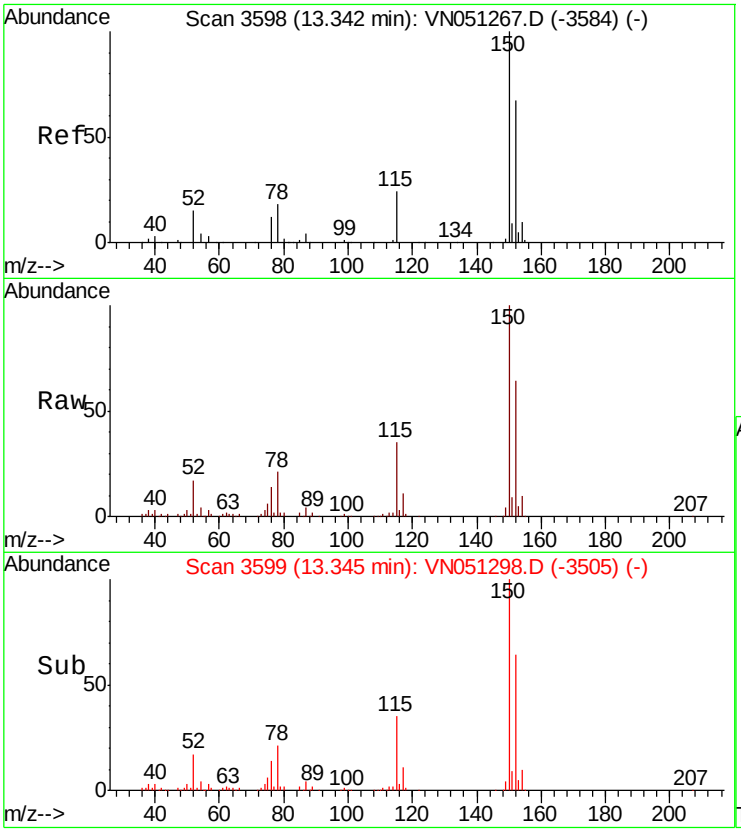


#71
Bromoform
Concen: 0.213 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:173 Resp: 687

Ion	Ratio	Lower	Upper
173	100		
175	1764.2	24.4	73.2#
254	0.0	0.1	0.1#



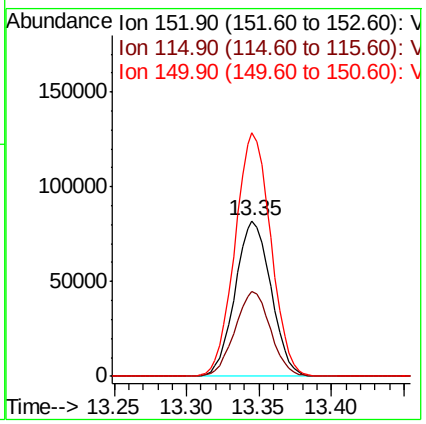


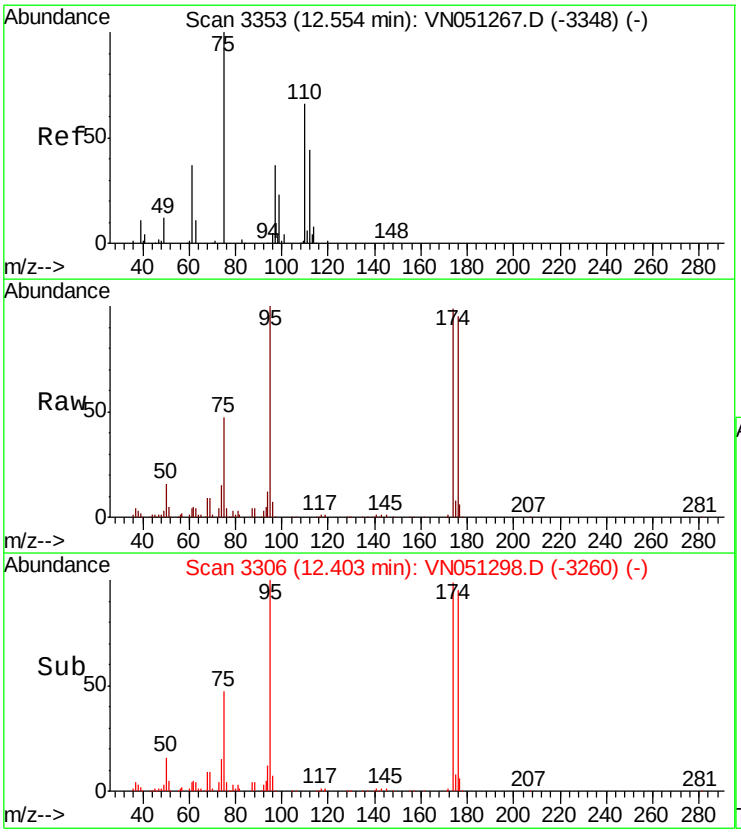
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:152 Resp: 141419

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.1	81.2
150	156.2	0.0	349.0

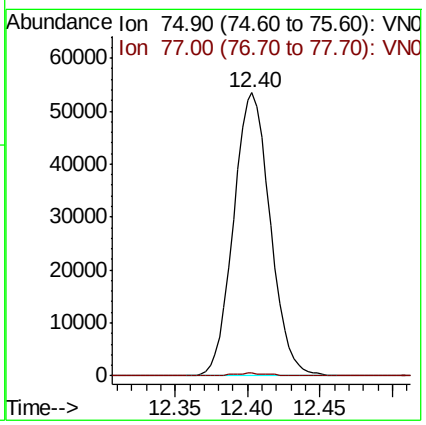


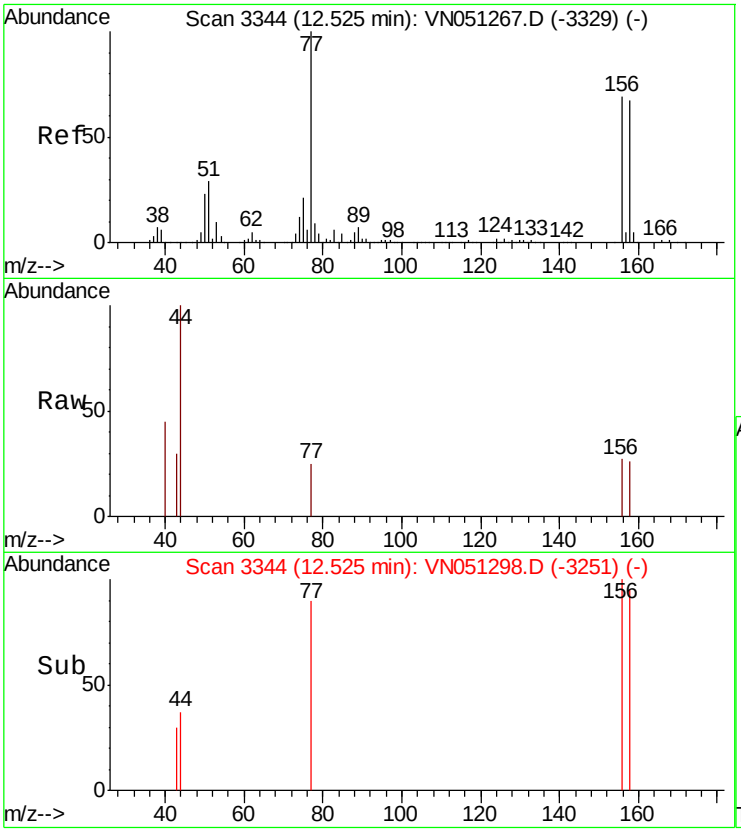


#76
1,2,3-Trichloropropane
Concen: 48.580 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 75 Resp: 94065

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



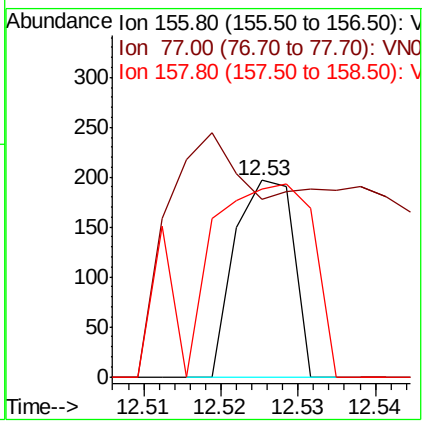


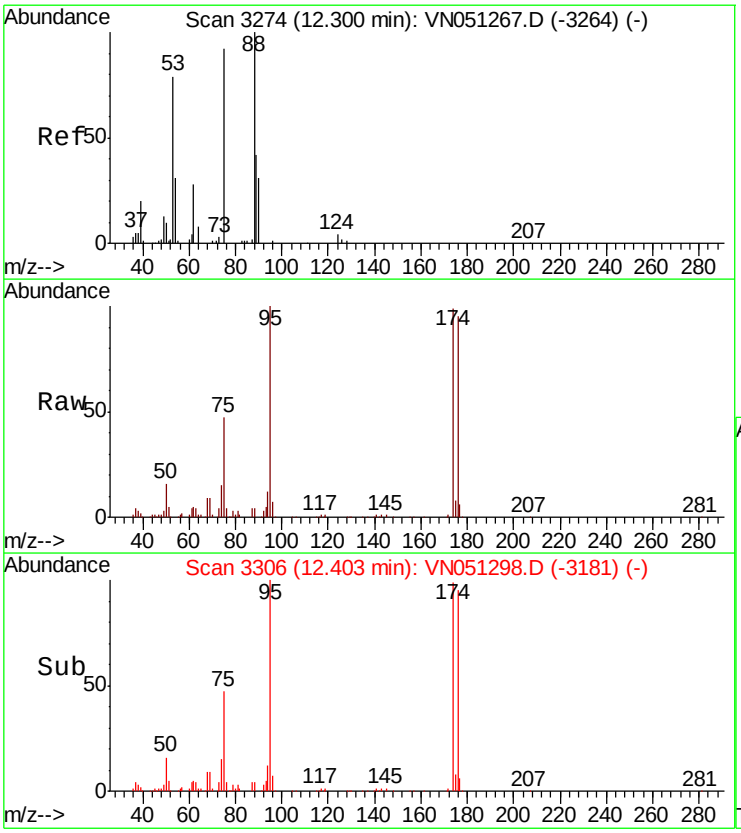
#77
Bromobenzene
Concen: Below Cal
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:156 Resp: 104

Ion	Ratio	Lower	Upper
156	100		
77	220.2	83.7	251.1
158	192.3	49.0	147.2#

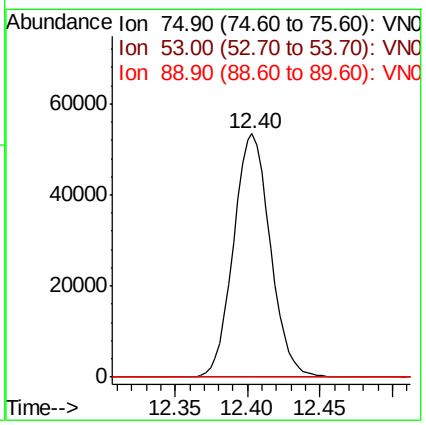


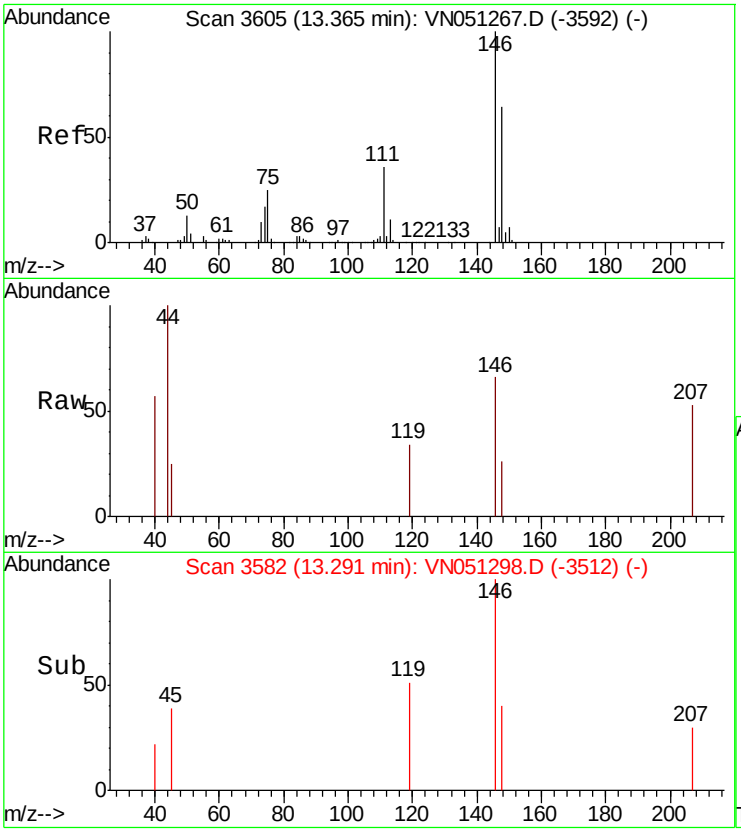


#81
trans-1,4-Dichloro-2-butene
Concen: 147.731 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 75 Resp: 94065

Ion	Ratio	Lower	Upper
75	100		
53	0.1	67.7	101.5#
89	0.0	36.9	55.3#



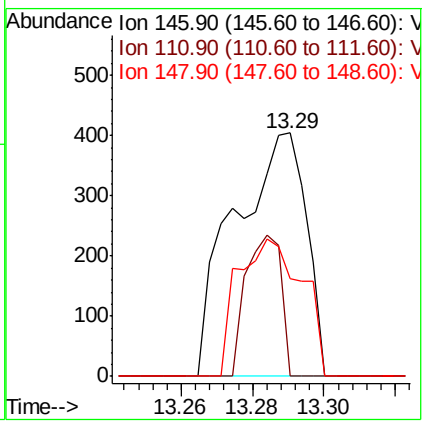


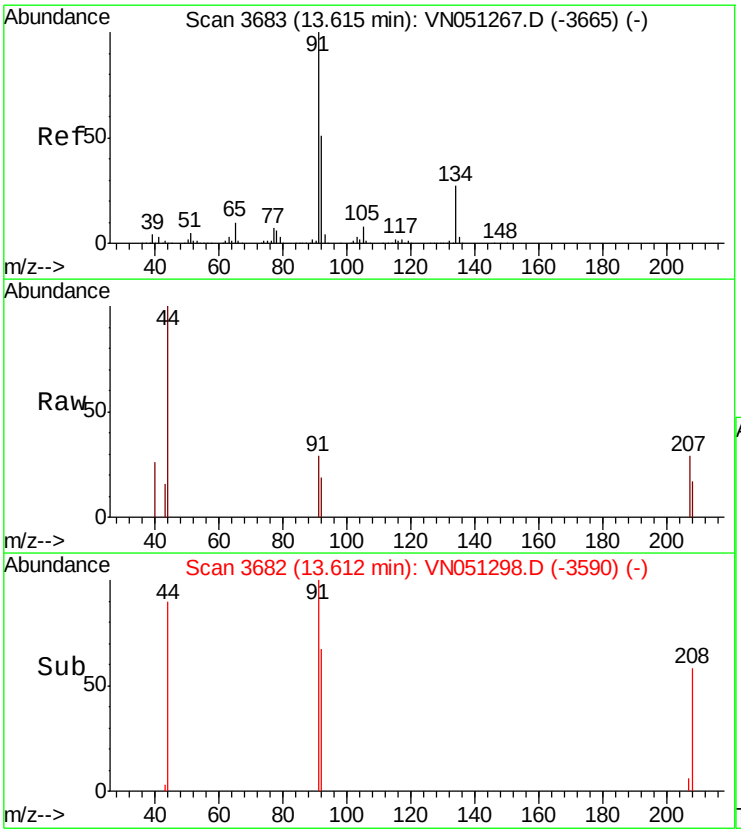
#88
1,4-Dichlorobenzene
Concen: 0.523 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.07 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Tgt Ion:146 Resp: 561

Ion	Ratio	Lower	Upper
146	100		
111	28.3	18.2	54.6
148	50.6	31.9	95.7

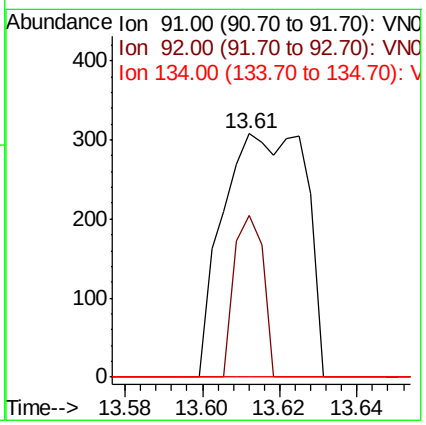


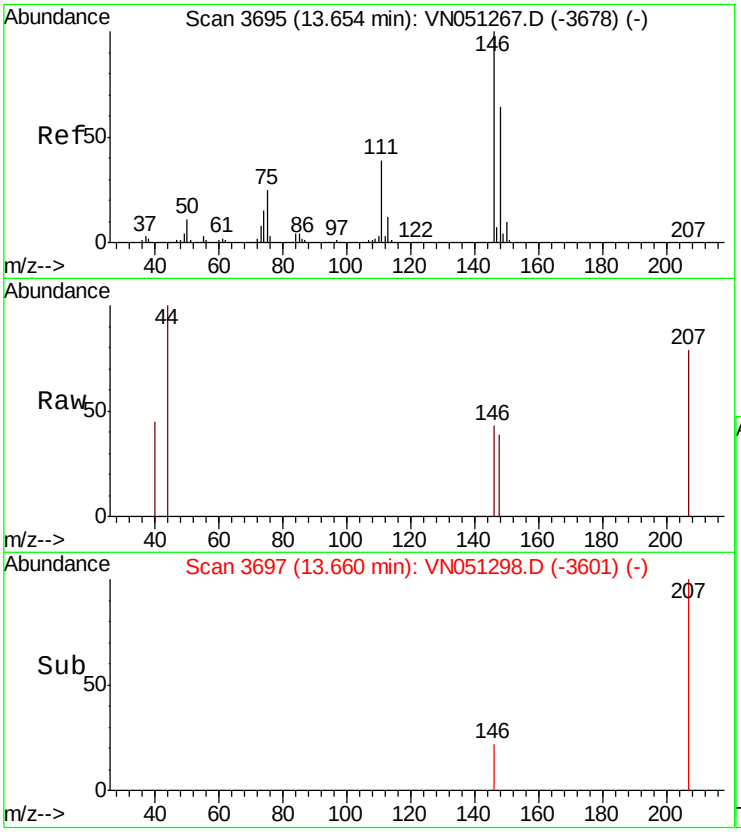


#89
n-Butylbenzene
Concen: 2.077 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion: 91 Resp: 456

Ion	Ratio	Lower	Upper
91	100		
92	23.0	25.8	77.4#
134	0.0	13.7	41.0#



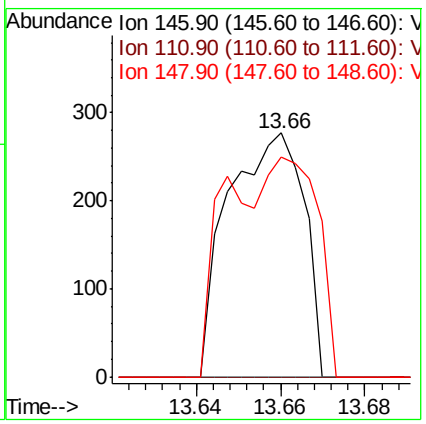


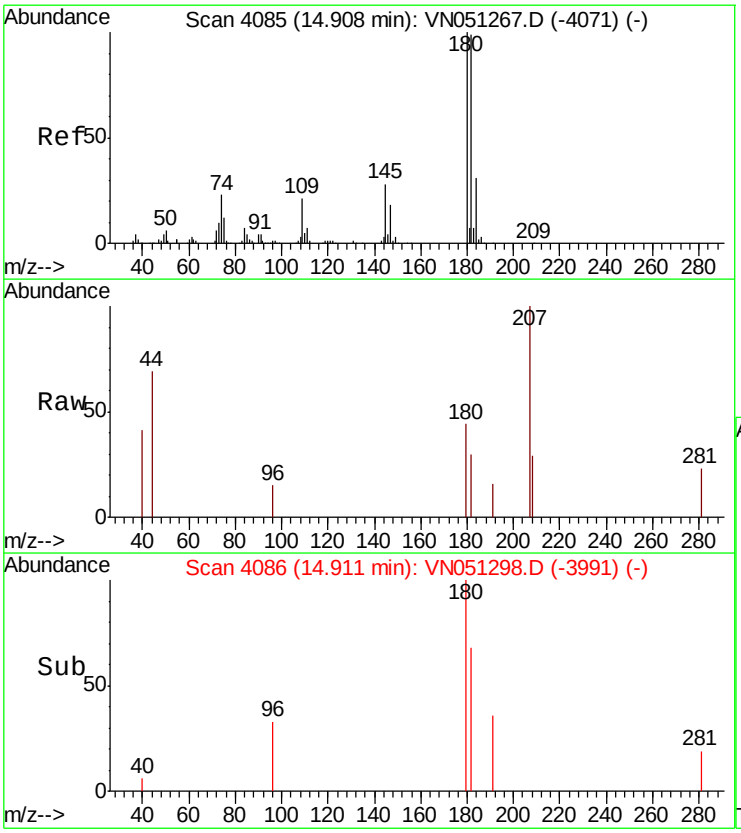
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.66 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument : MSVOA_N
ClientSampleId : PB112947ZHE#01

Tgt Ion:146 Resp: 346

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.6	58.7#
148	62.7	31.9	95.9

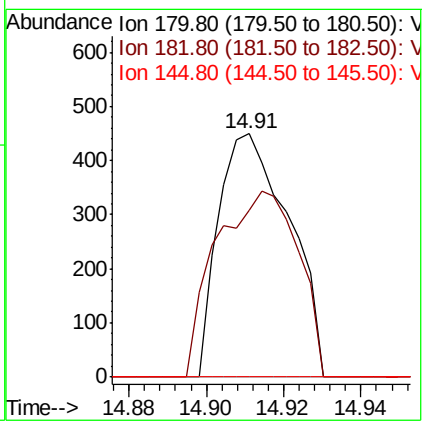


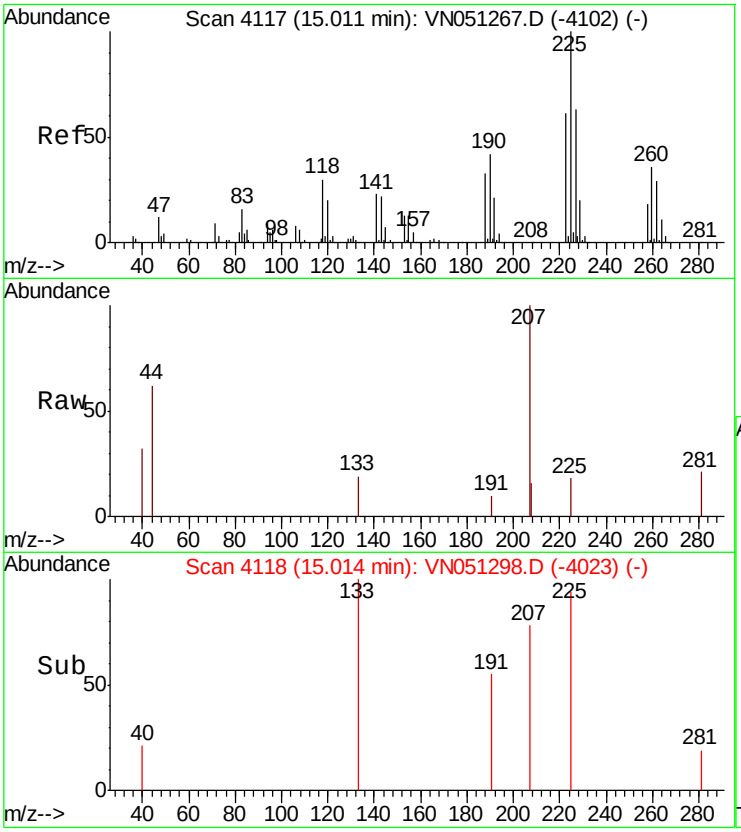


#93
1,2,4-Trichlorobenzene
Concen: 5.248 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:180 Resp: 571

Ion	Ratio	Lower	Upper
180	100		
182	89.1	48.5	145.6
145	0.0	14.0	41.9#



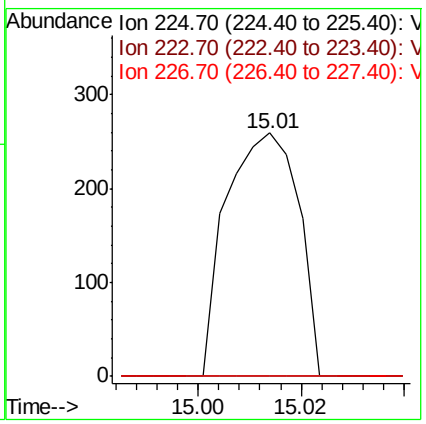


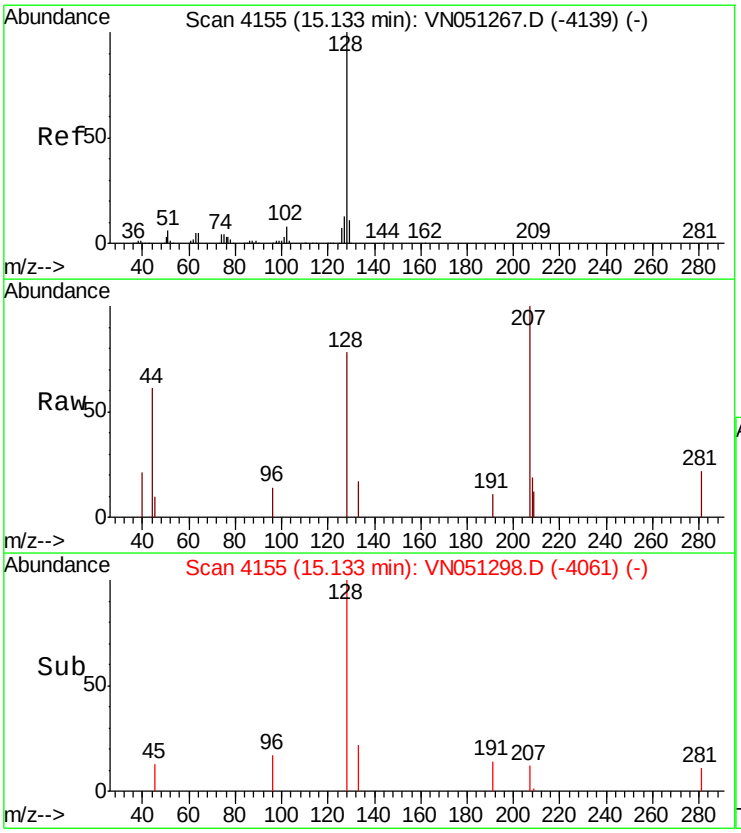
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:225 Resp: 250

Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.8	92.3#
227	0.0	32.1	96.3#

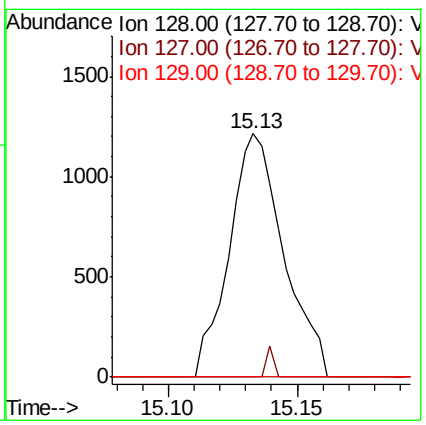


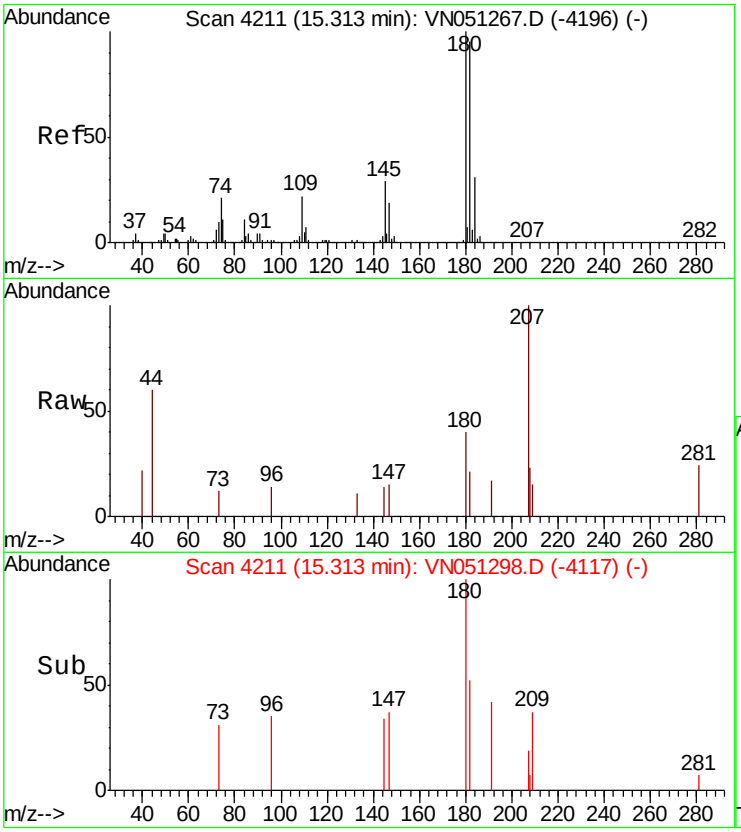


#95
Naphthalene
Concen: 6.280 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Tgt Ion:128 Resp: 1786

Ion	Ratio	Lower	Upper
128	100		
127	1.6	10.7	16.1#
129	0.0	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 4.191 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051298.D
Acq: 18 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
PB112947ZHE#01

Tgt Ion:180 Resp: 804

Ion	Ratio	Lower	Upper
180	100		
182	56.0	47.5	142.6
145	15.8	14.8	44.4