Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053051.D
Acq On : 20 Dec 2018 12:47
Operator : MD\SY
Sample : J6411-10DL 100X
Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:16:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1330887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2023757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1797652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	775294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630140	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
35) Dibromofluoromethane	7.59	113	528849	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.42%			
50) Toluene-d8	10.09	98	2486668	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
62) 4-Bromofluorobenzene	12.40	95	854224	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
Target Compounds						Qvalue
13) Acrolein	3.63	56	165	0.221	ug/l #	14
16) Acetone	3.83	43	1462	0.552	ug/l #	81
18) Methyl Acetate	4.32	43	2994	1.236	ug/l #	75
31) Cyclohexane	7.66	56	22374	Below Cal #		1
36) 1,1-Dichloropropene	7.67	75	87577	4.509	ug/l #	48
38) Carbon Tetrachloride	7.67	117	114061	6.406	ug/l #	16
39) Methylcyclohexane	9.08	83	11401	0.483	ug/l	95
43) Isopropyl Acetate	8.29	43	71155	2.396	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	12138	0.972	ug/l #	21
56) Ethyl methacrylate	10.43	69	5193	0.314	ug/l #	24
59) 2-Hexanone	10.72	43	44954	6.327	ug/l #	28
68) m/p-Xylenes	11.62	106	179494	6.890	ug/l	99
73) Isopropylbenzene	12.25	105	255029	4.204	ug/l	100
74) N-amyl acetate	12.04	43	339207	20.141	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	29876	2.510	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	385958	29.572	ug/l #	100
78) n-propylbenzene	12.59	91	707956	10.247	ug/l	100
79) 2-Chlorotoluene	12.69	91	98018	2.289	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	1131415	22.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	385958	95.315	ug/l #	13
82) 4-Chlorotoluene	12.73	91	111937	2.670	ug/l #	47
83) tert-Butylbenzene	12.99	119	50427	1.153	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3491726	70.250	ug/l	100
85) sec-Butylbenzene	13.17	105	379577	6.418	ug/l #	73
86) p-Isopropyltoluene	13.29	119	355004	6.946	ug/l	100
89) n-Butylbenzene	13.61	91	321352	7.309	ug/l #	81
90) Hexachloroethane	13.89	117	47717	6.084	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2075	1.008	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	876	0.658	ug/l #	1
94) Hexachlorobutadiene	15.00	225	112	Below Cal #		19
95) Naphthalene	15.13	128	6185	1.345	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	577	0.554	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053051.D
Acq On : 20 Dec 2018 12:47
Operator : MD\SY
Sample : J6411-10DL 100X
Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:16:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053051.D
Acq On : 20 Dec 2018 12:47
Operator : MD\SY
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Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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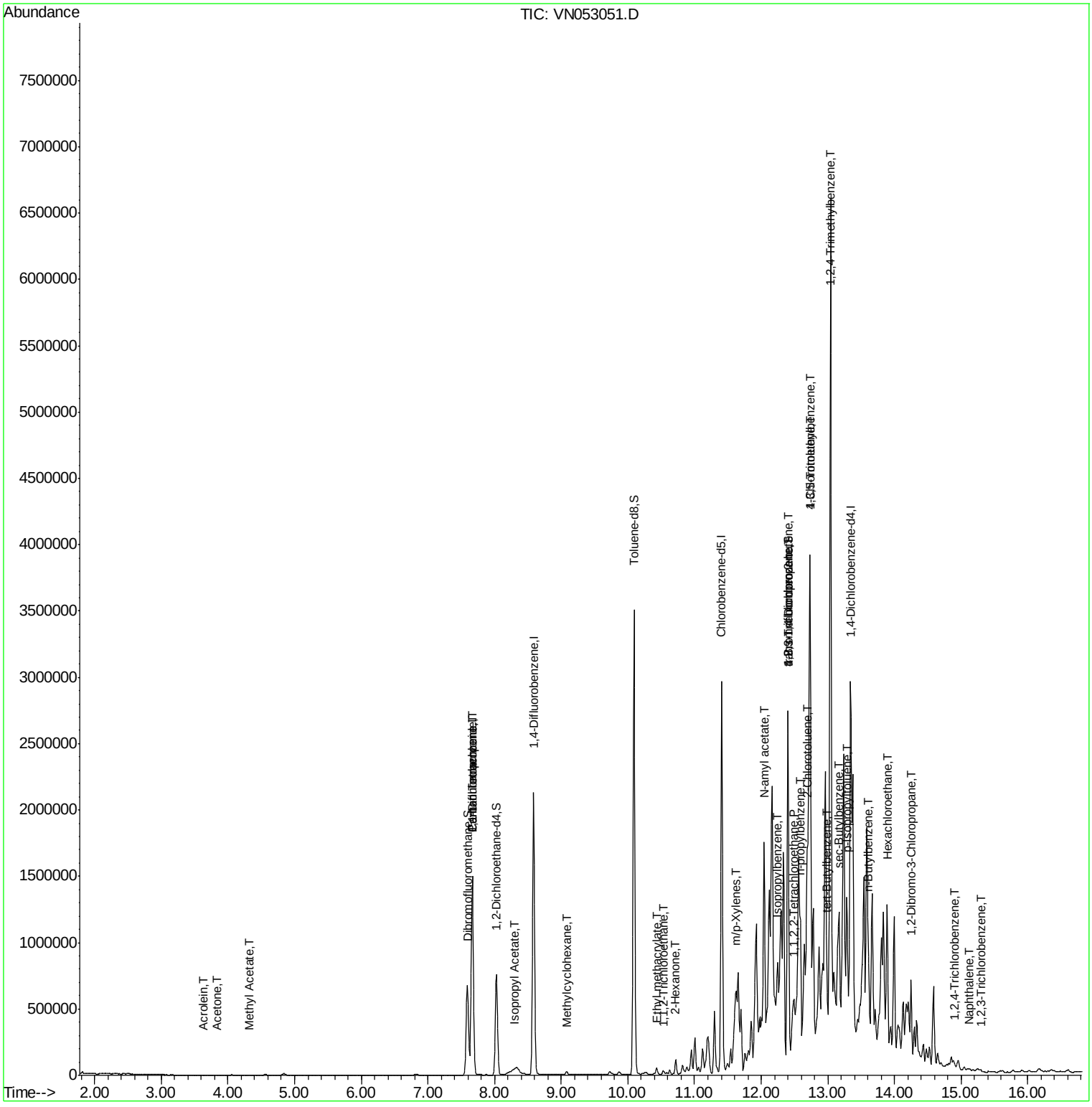
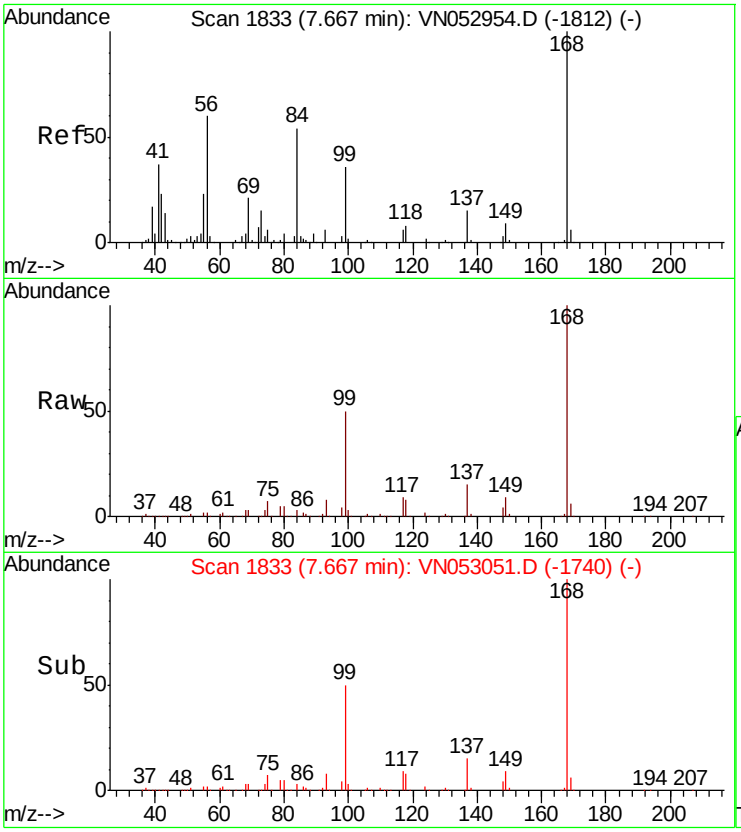
Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 00:16:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



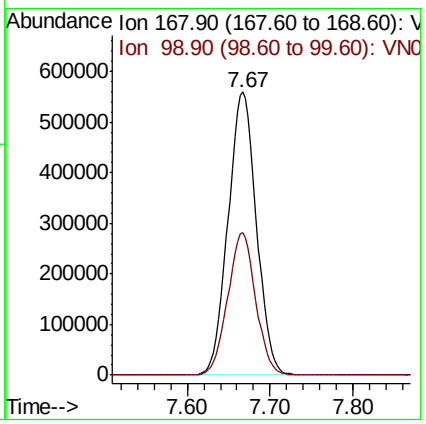


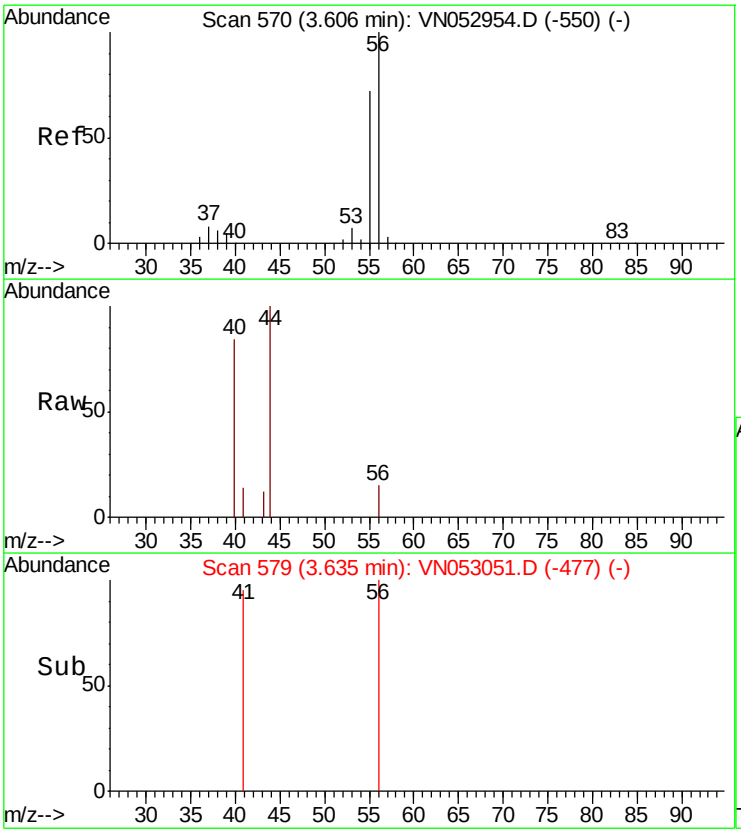
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1330887

Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.2	60.2

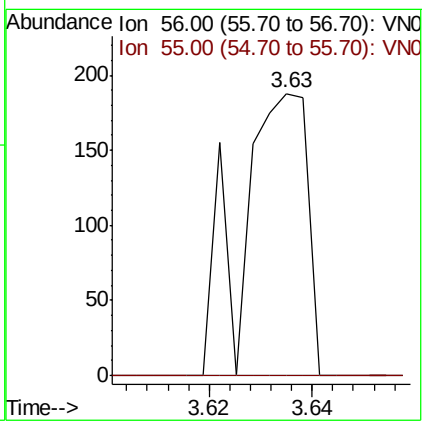


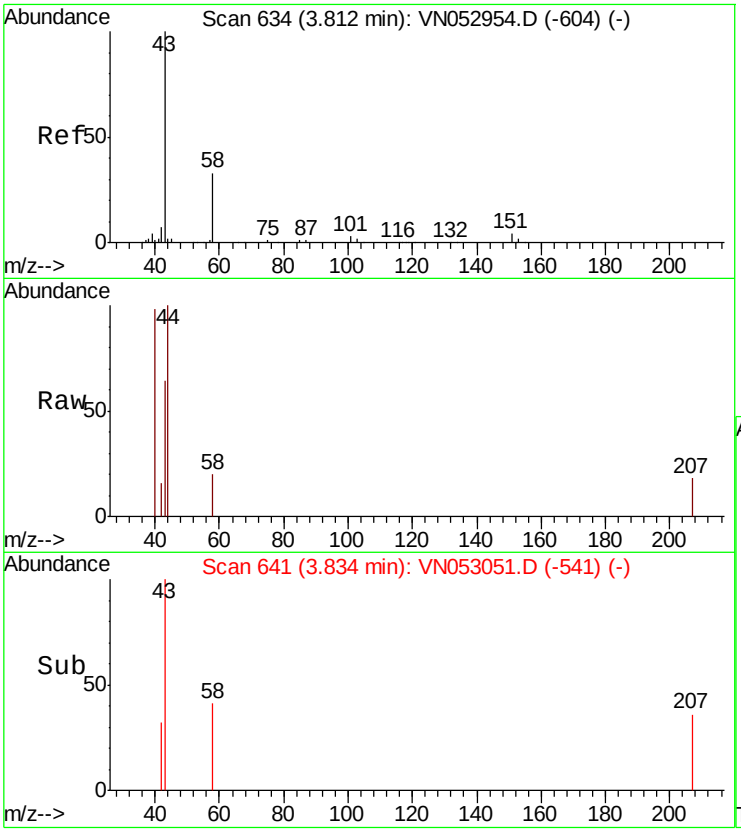


#13
Acrolein
Concen: 0.221 ug/l
RT: 3.63 min Scan# 579
Delta R.T. 0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 56 Resp: 165

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	85.0#



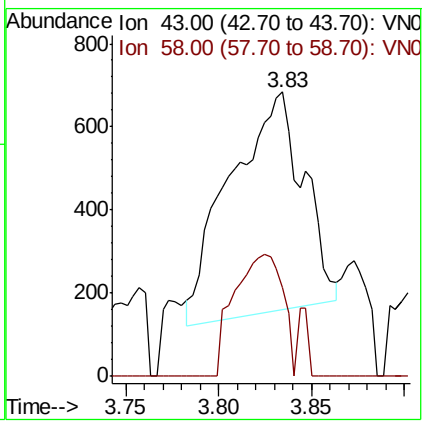


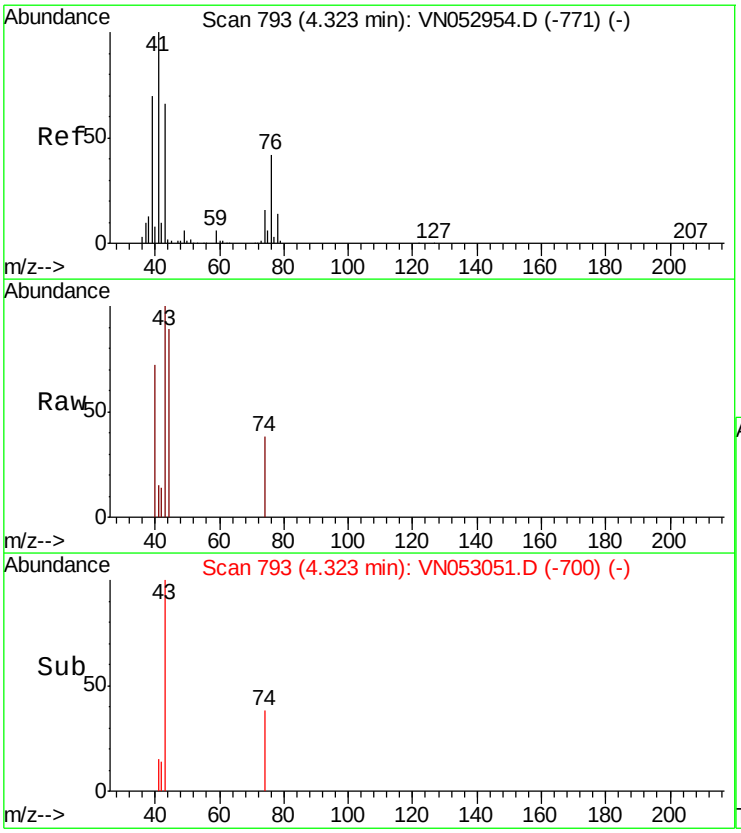
#16
Acetone
Concen: 0.552 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1462

Ion	Ratio	Lower	Upper
43	100		
58	42.3	25.4	38.0#

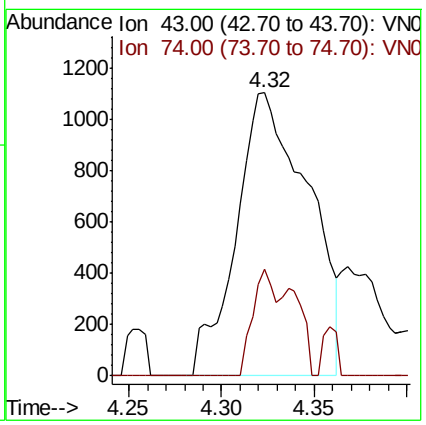


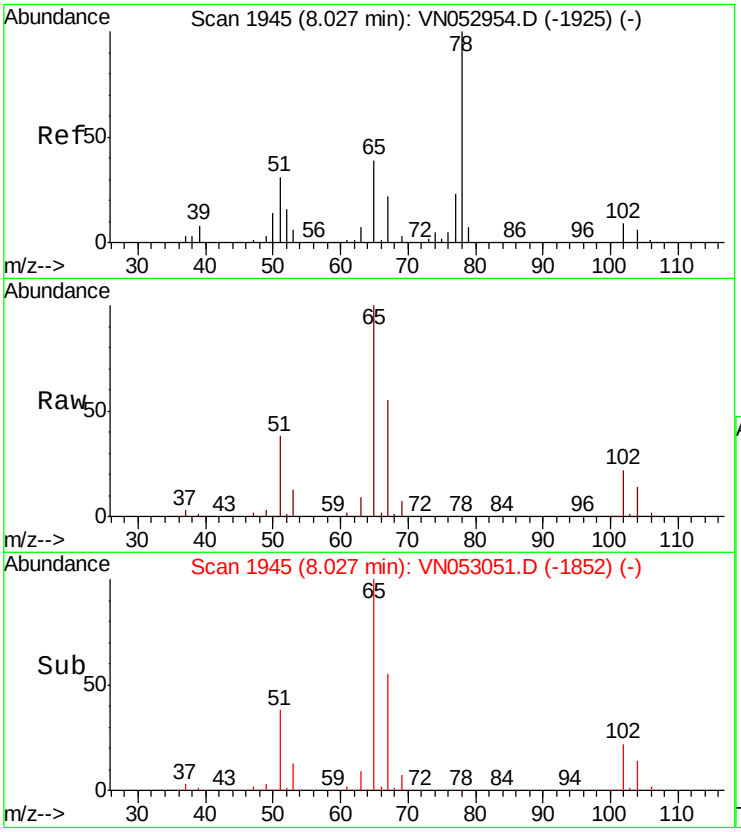


#18
Methyl Acetate
Concen: 1.236 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 43 Resp: 2994

Ion	Ratio	Lower	Upper
43	100		
74	11.6	19.2	28.8#



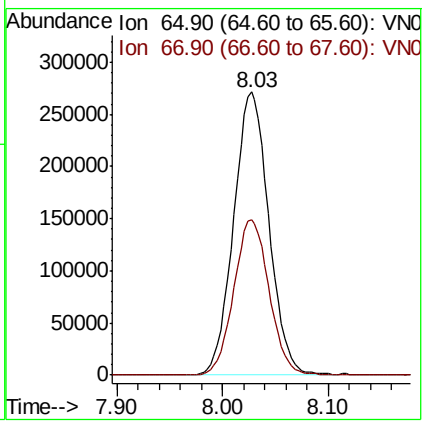


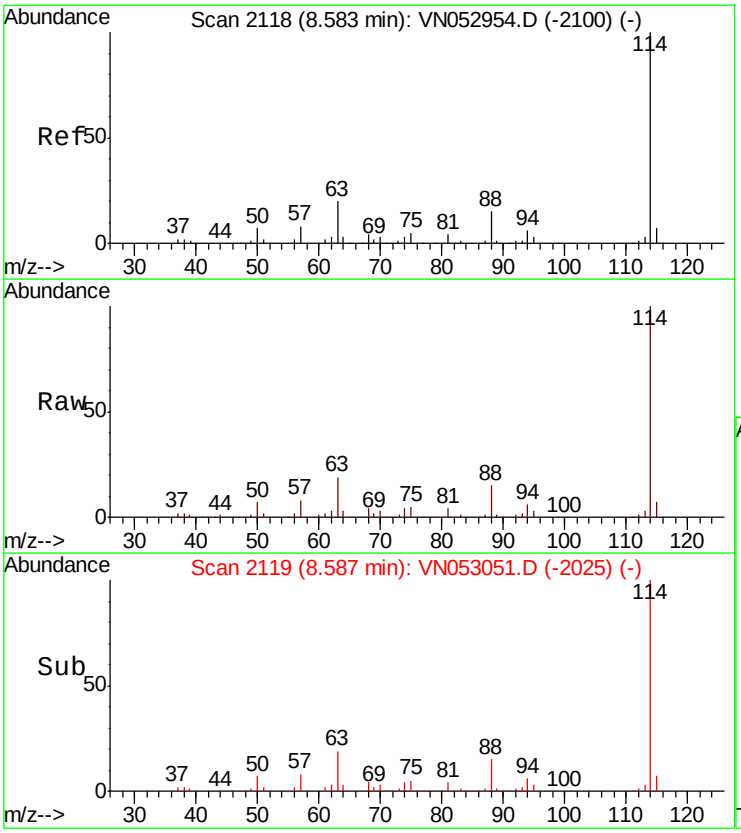
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 630140

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.4

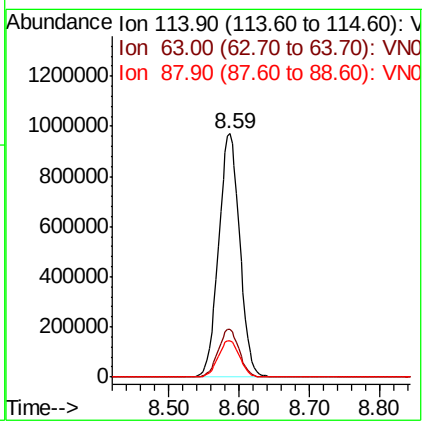


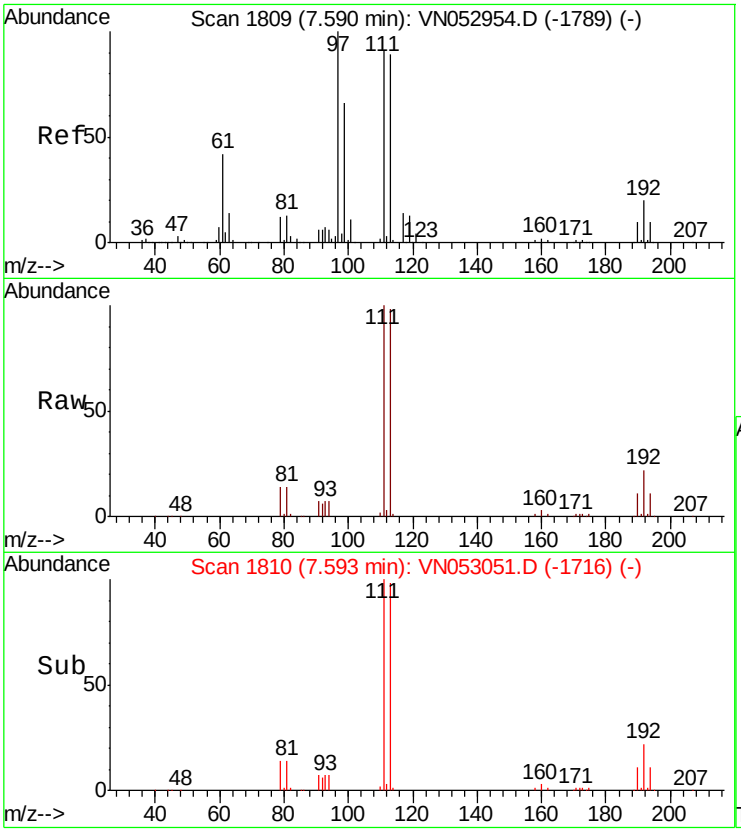


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:114 Resp: 2023757

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.1	0.0	31.0



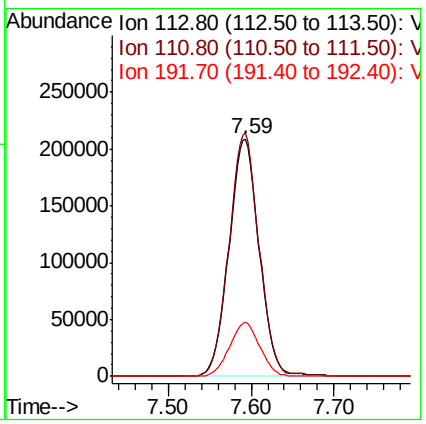


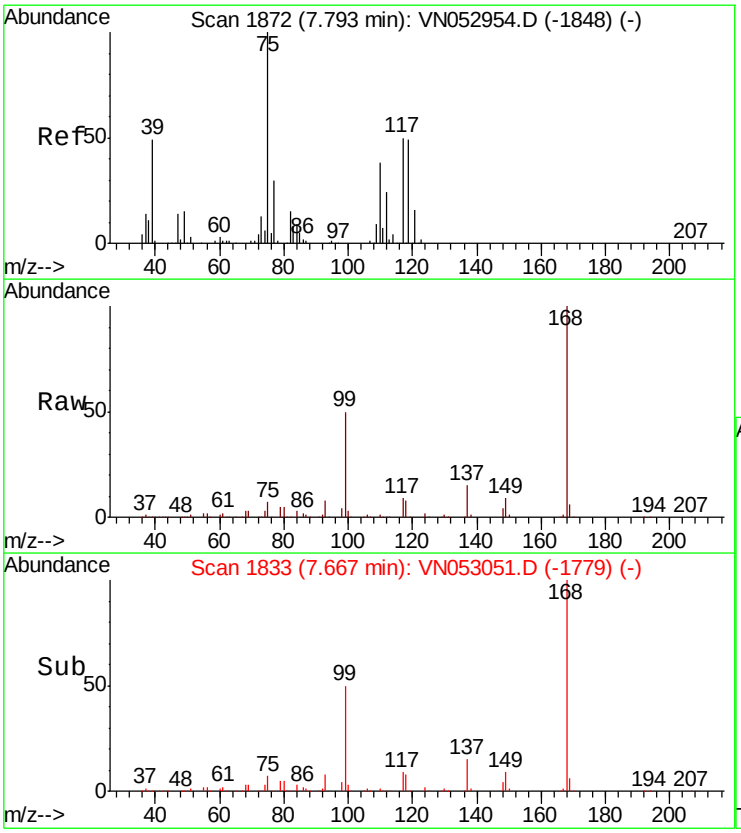
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 528849

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.6	17.5	26.3

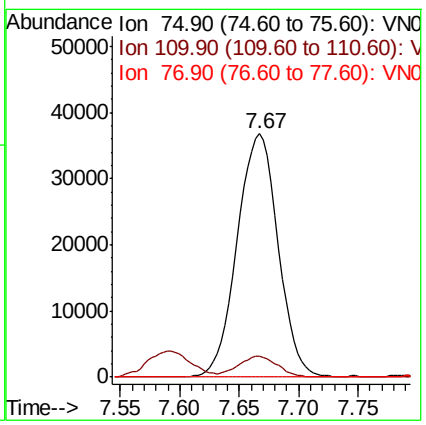


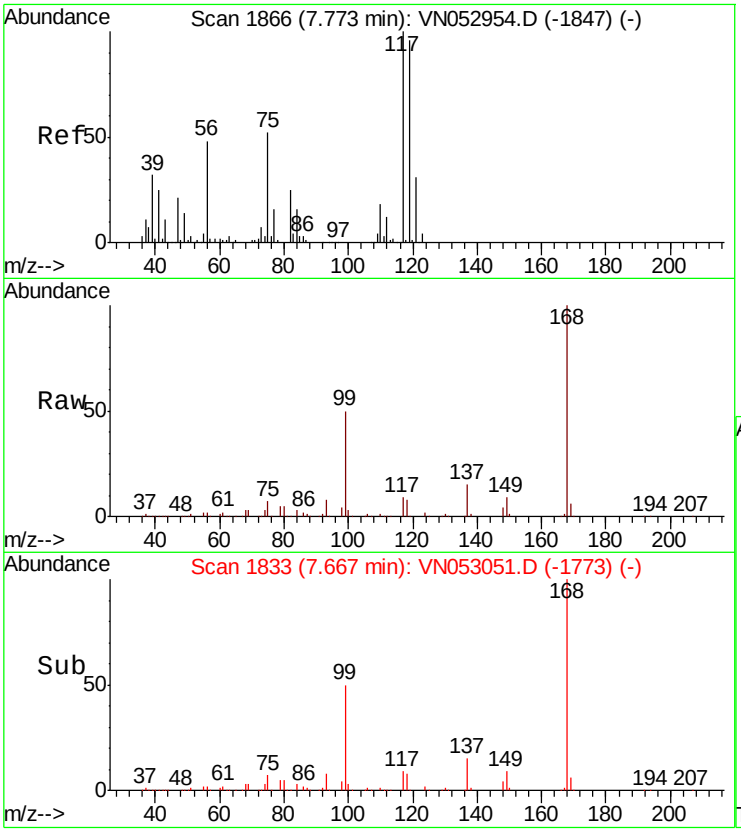


#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 75 Resp: 87577

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



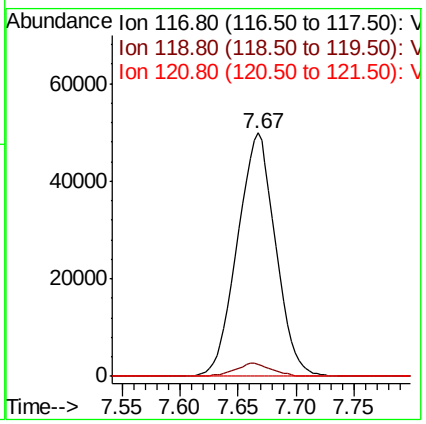


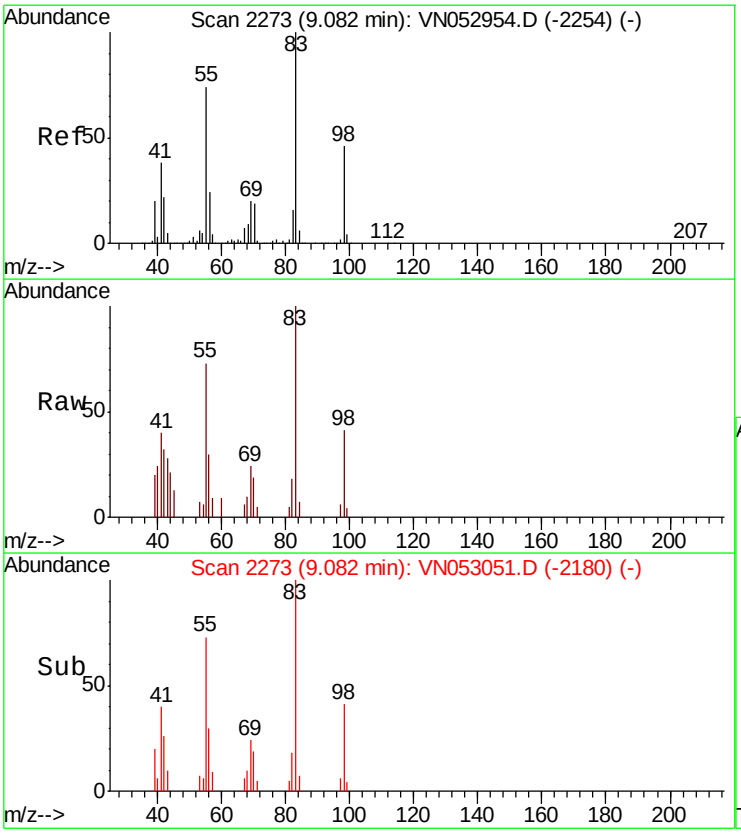
#38
Carbon Tetrachloride
Concen: 6.406 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 114061

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	24.9	37.3#

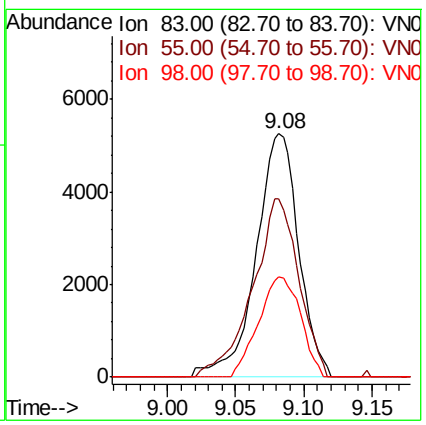


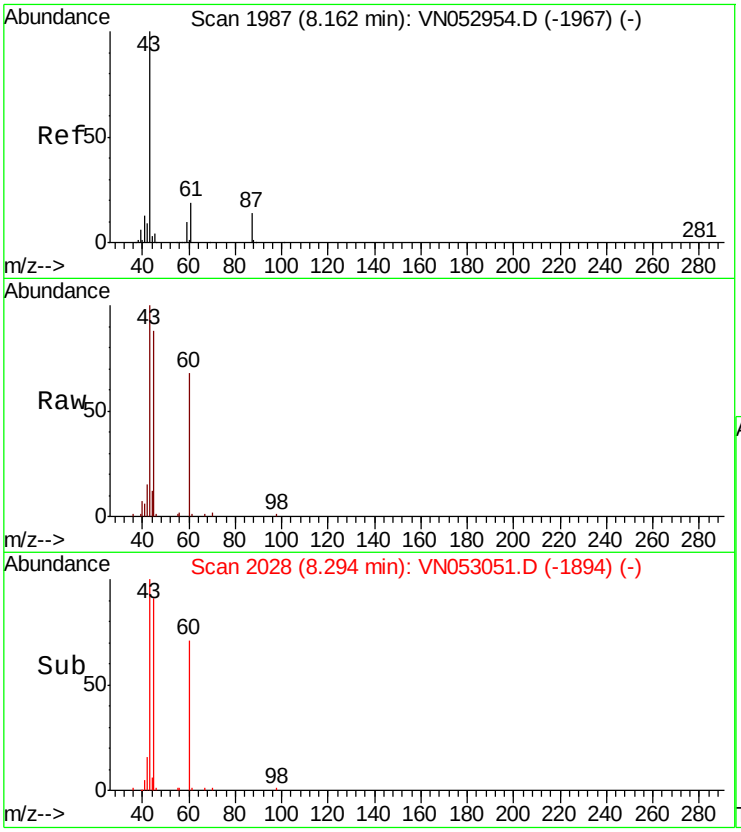


#39
Methylcyclohexane
Concen: 0.483 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 83 Resp: 11401

Ion	Ratio	Lower	Upper
83	100		
55	73.4	61.3	91.9
98	41.3	37.0	55.4



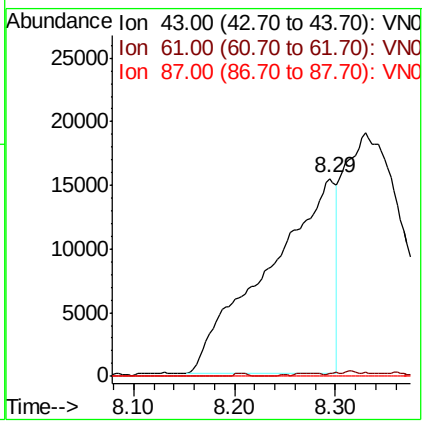


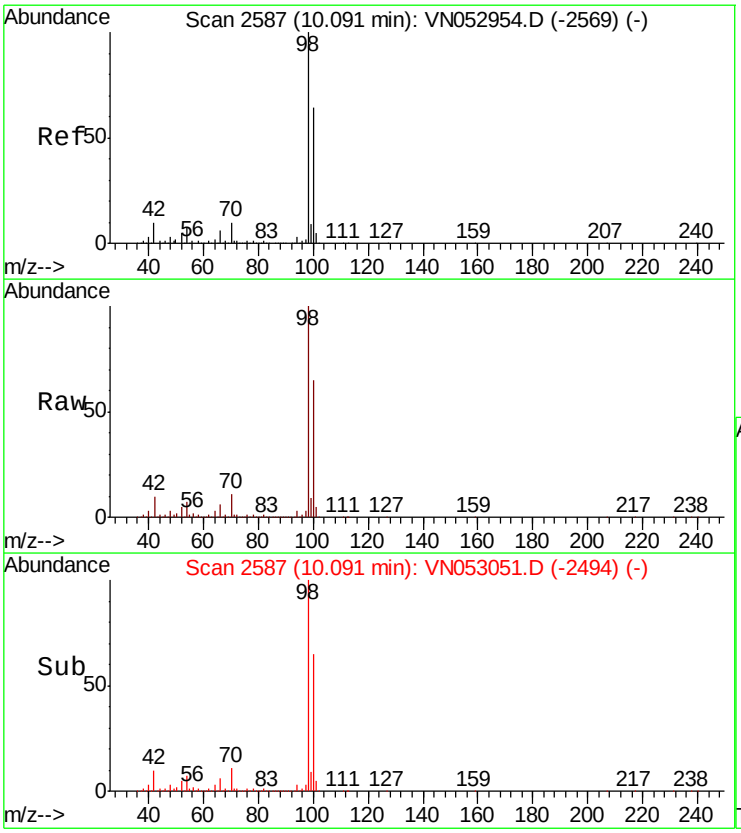
#43
Isopropyl Acetate
Concen: 2.396 ug/l
RT: 8.29 min Scan# 2028
Delta R.T. 0.13 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 71155

Ion	Ratio	Lower	Upper
43	100		
61	0.6	22.9	34.3#
87	0.0	10.6	15.8#

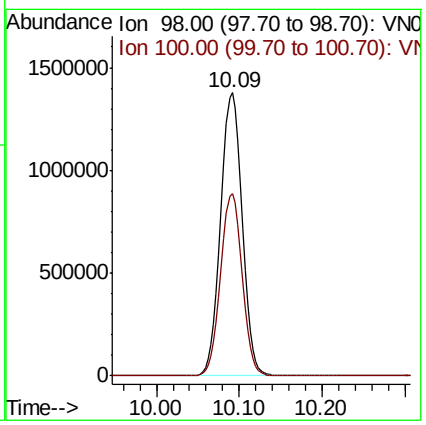


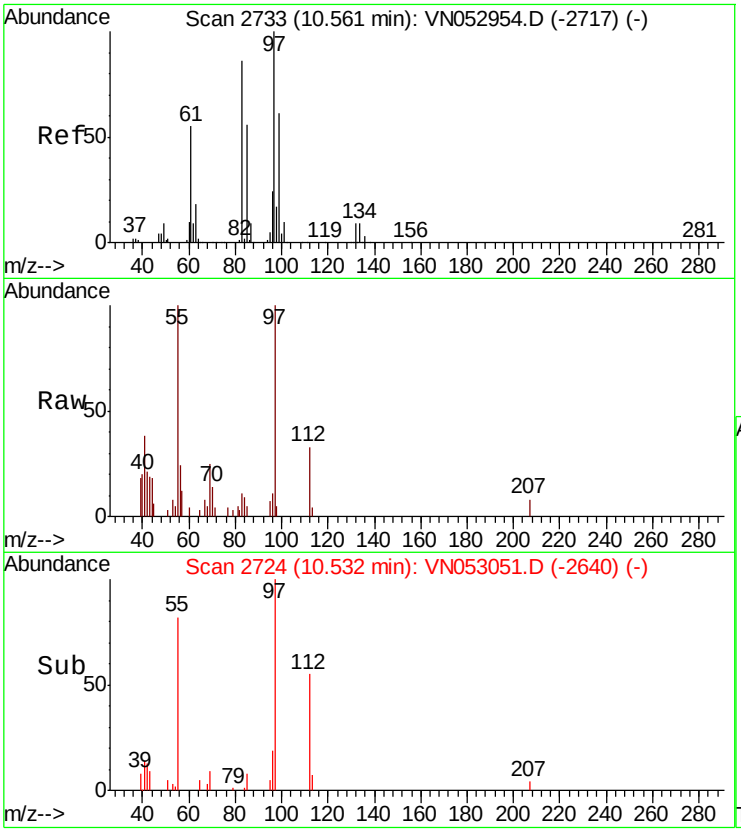


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 98 Resp: 2486668

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4



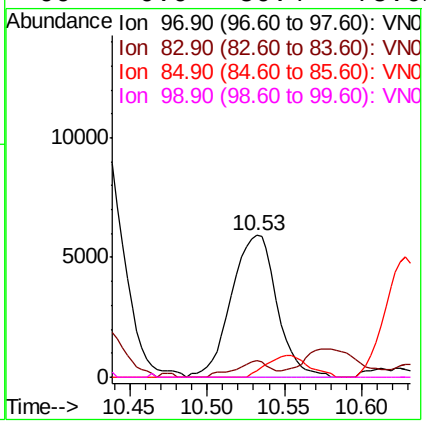


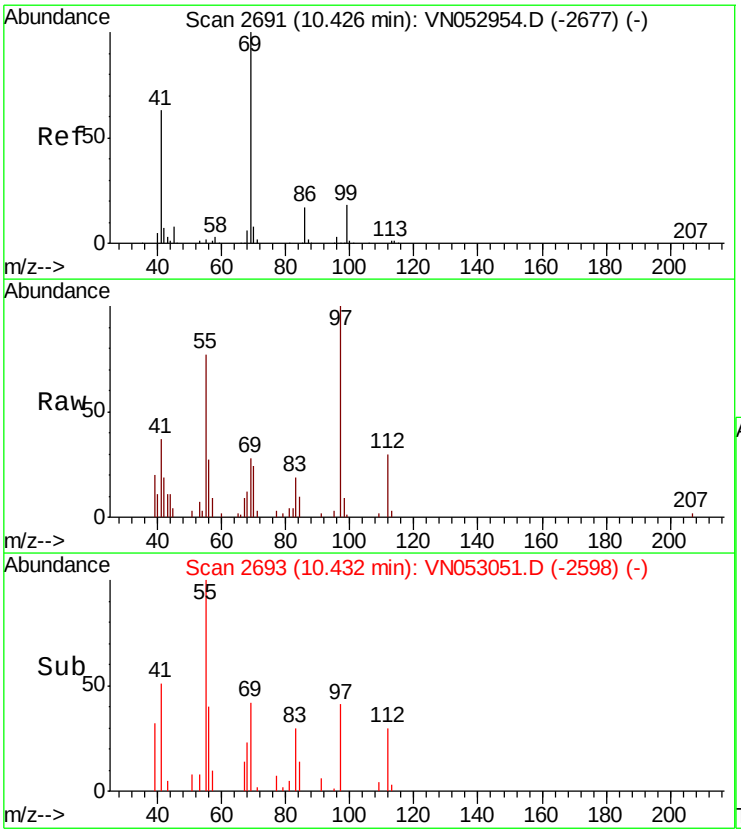
#55
1,1,2-Trichloroethane
Concen: 0.972 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 12138

Ion	Ratio	Lower	Upper
97	100		
83	11.4	70.9	106.3#
85	4.9	45.4	68.2#
99	0.0	50.4	75.6#

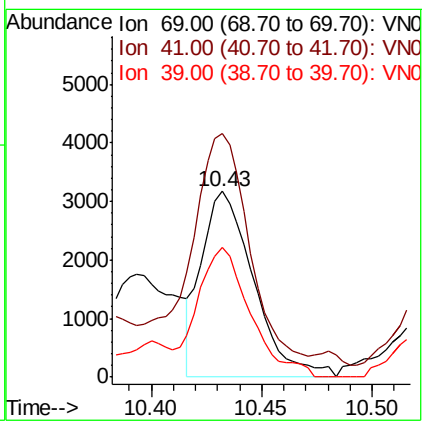


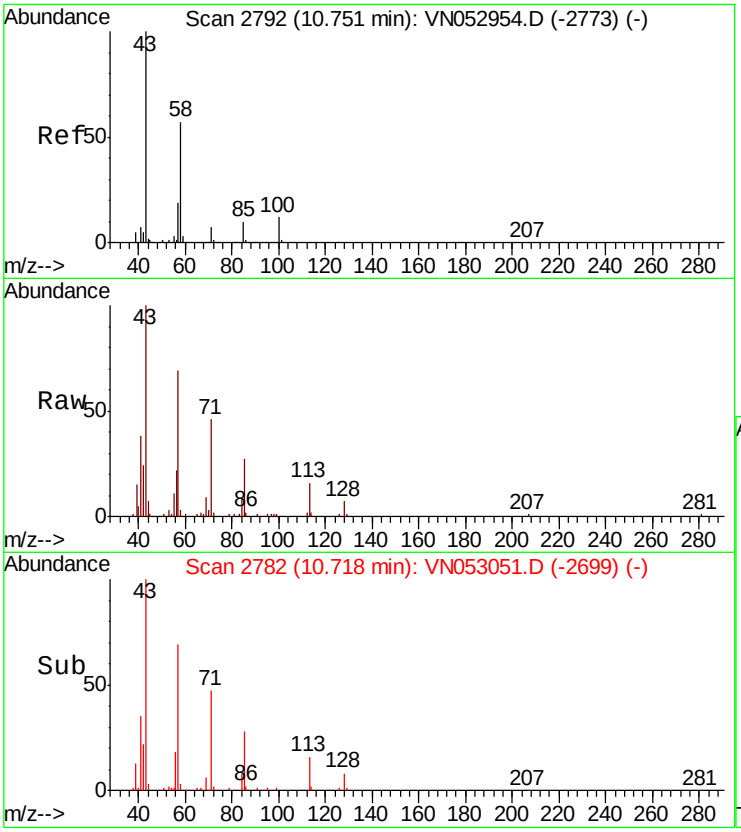


#56
Ethyl methacrylate
Concen: 0.314 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 69 Resp: 5193

Ion	Ratio	Lower	Upper
69	100		
41	125.6	51.7	77.5#
39	71.0	24.6	37.0#



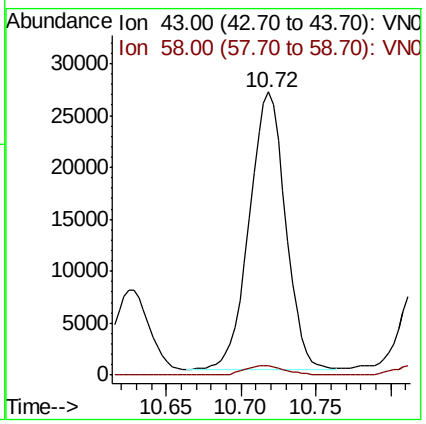


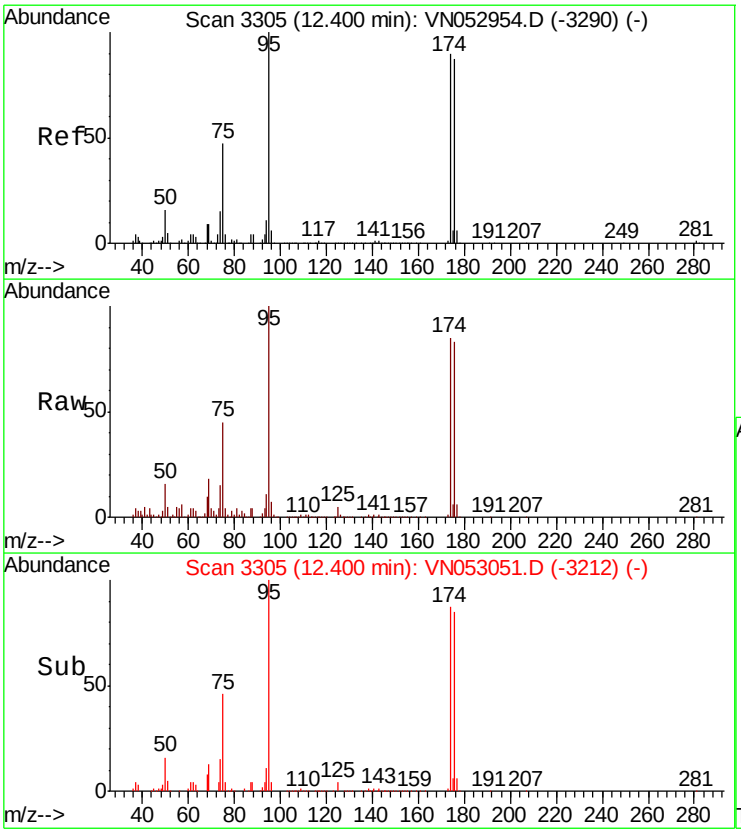
#59
2-Hexanone
Concen: 6.327 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 44954

Ion	Ratio	Lower	Upper
43	100		
58	3.6	28.1	84.3#

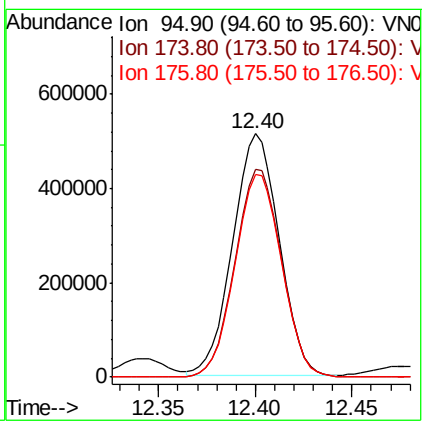


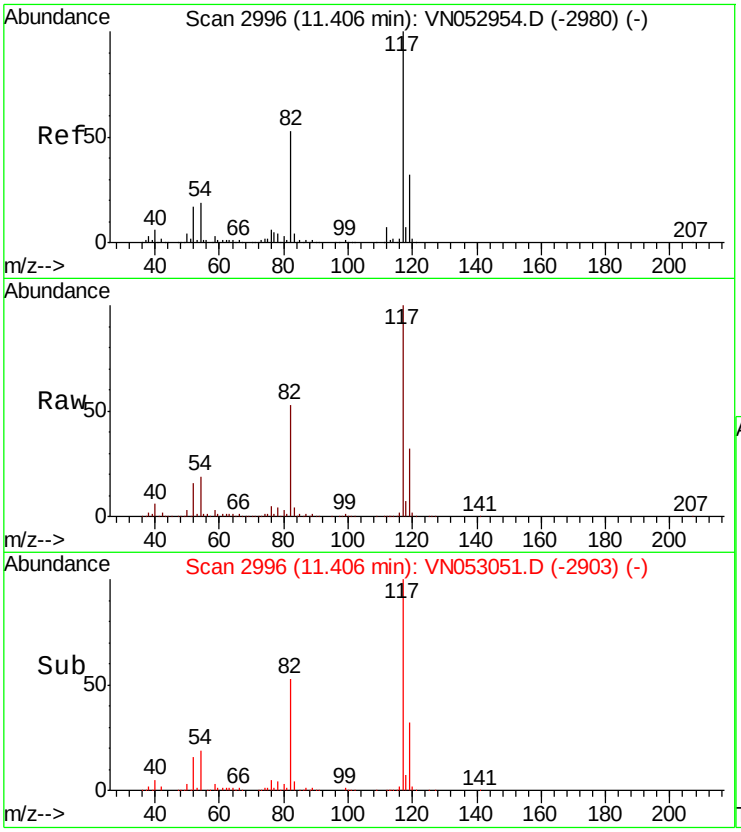


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 95 Resp: 854224

Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	178.8
176	84.7	0.0	173.8



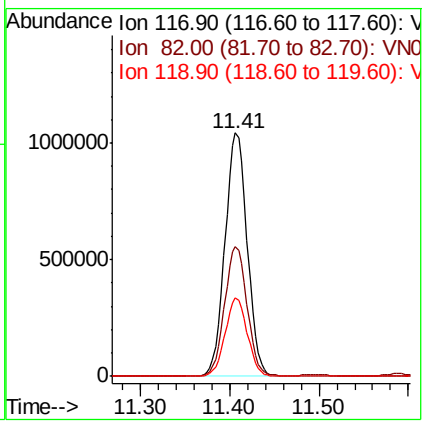


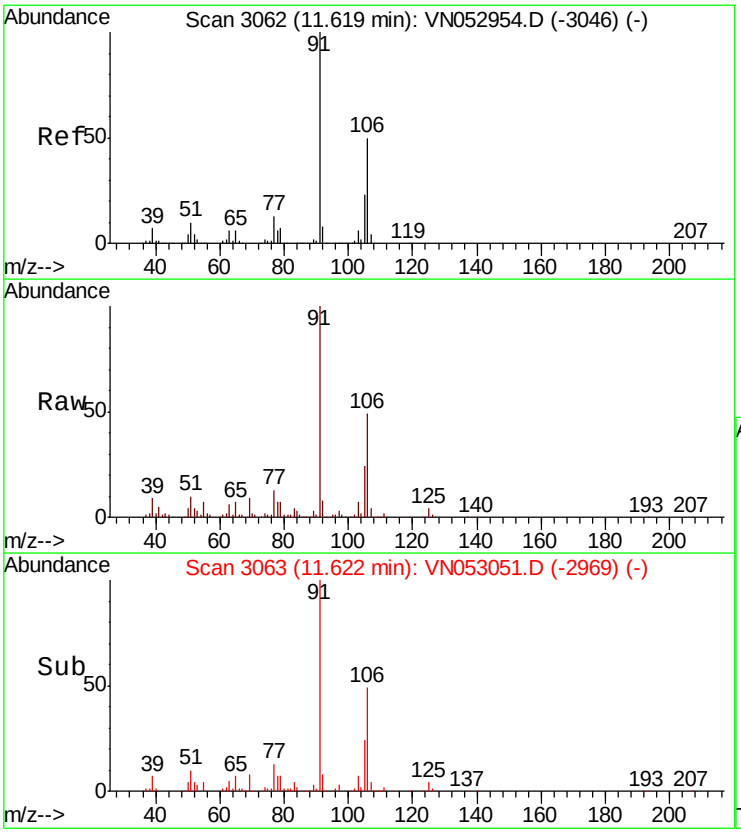
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1797652

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	32.0	25.5	38.3

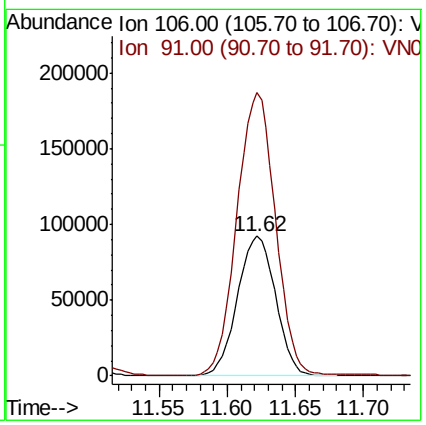


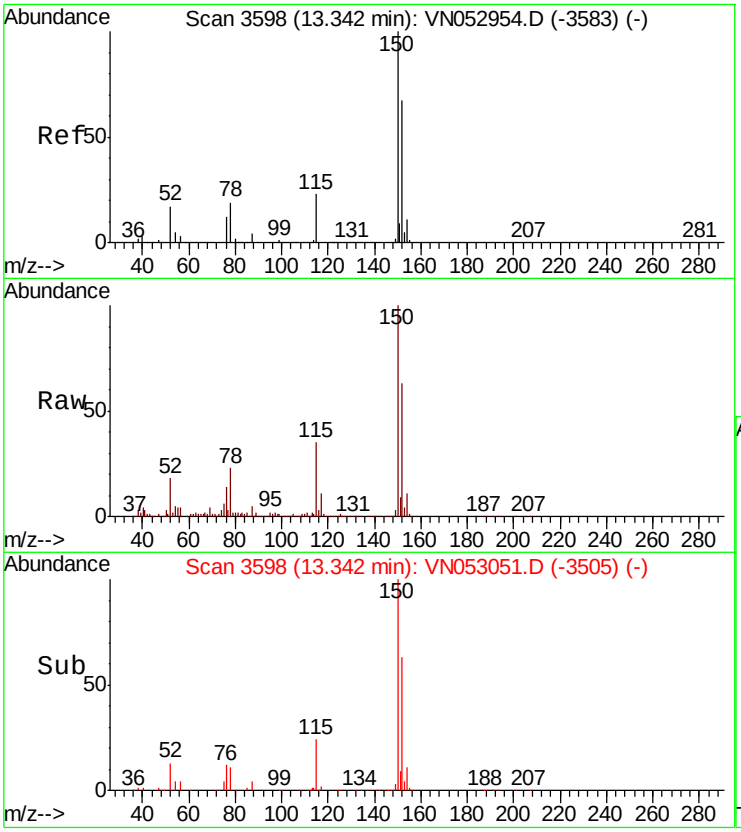


#68
m/p-Xylenes
Concen: 6.890 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:106 Resp: 179494

Ion	Ratio	Lower	Upper
106	100		
91	204.0	162.2	243.4



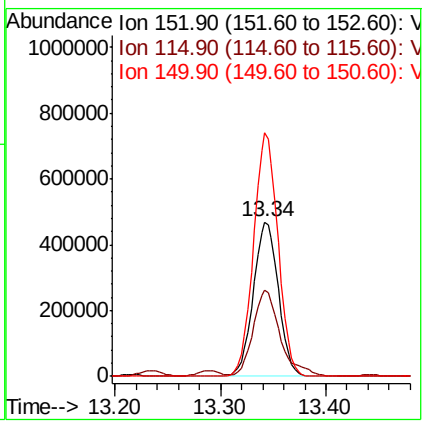


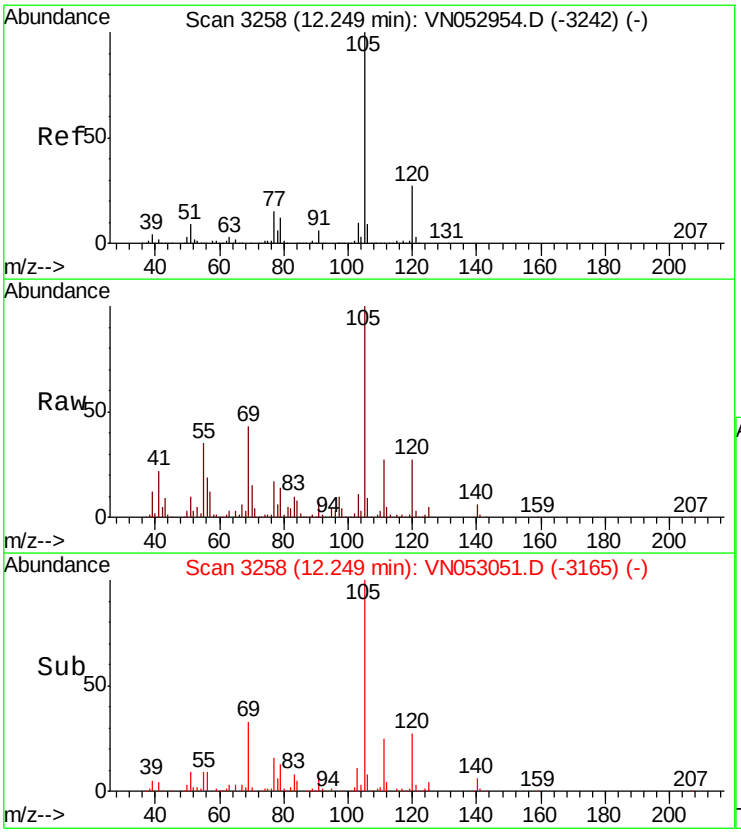
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 775294

Ion	Ratio	Lower	Upper
152	100		
115	60.3	28.3	85.0
150	154.2	0.0	347.8

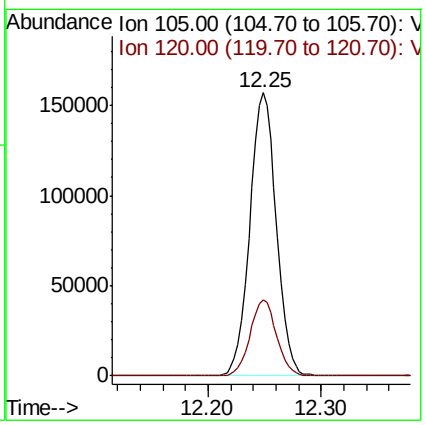


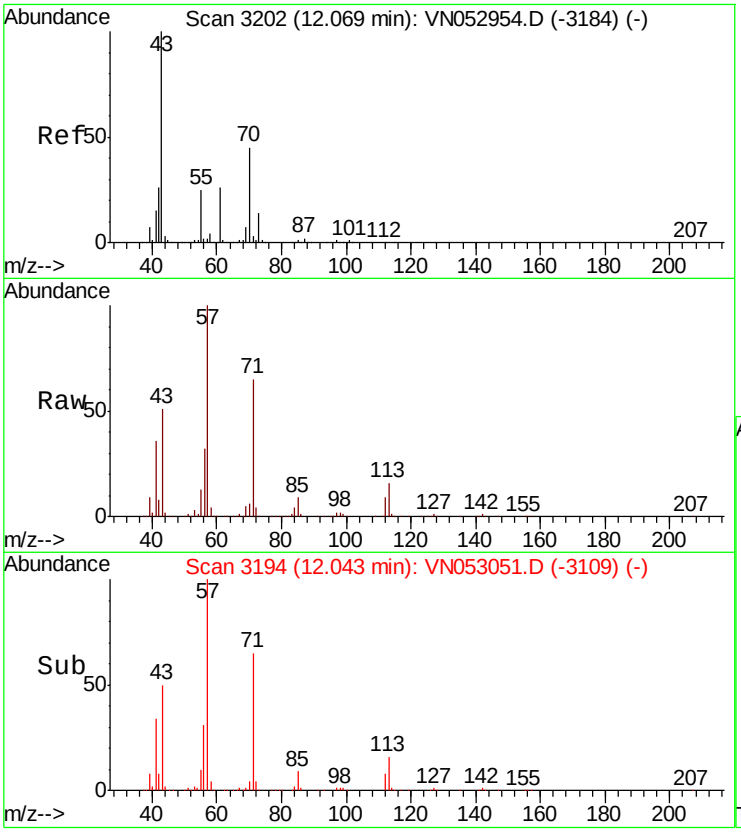


#73
Isopropylbenzene
Concen: 4.204 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 255029

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.3	39.9



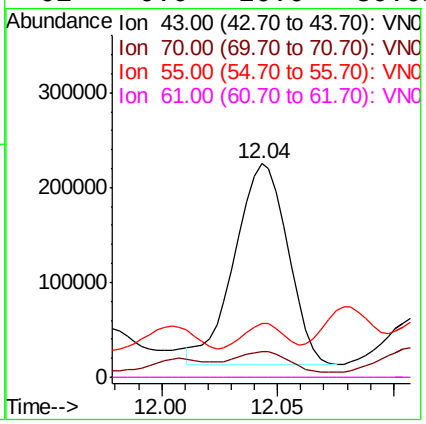


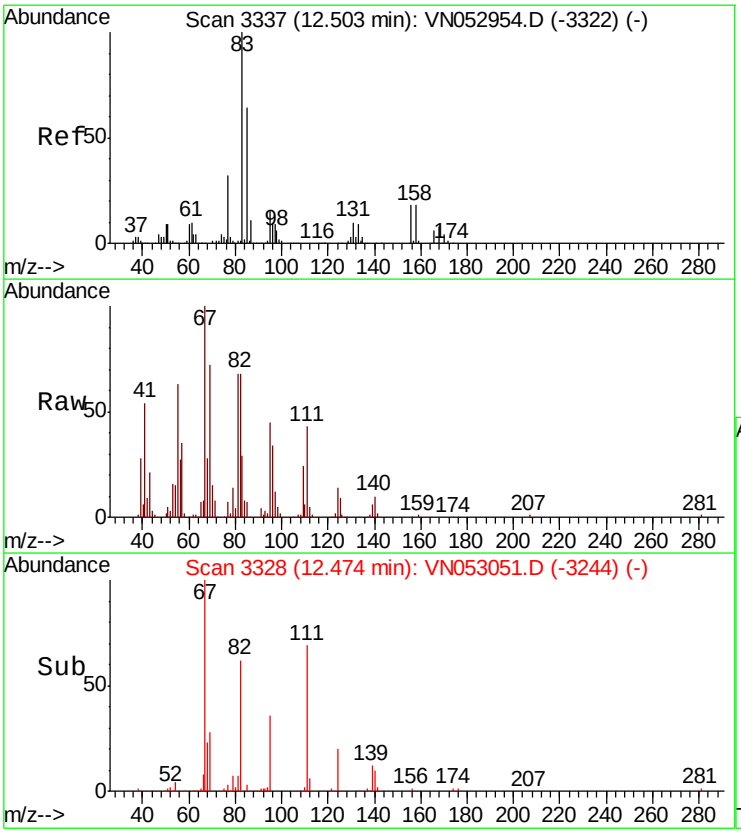
#74
N-amyl acetate
Concen: 20.141 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 339207

Ion	Ratio	Lower	Upper
43	100		
70	10.3	34.2	51.4#
55	18.9	20.3	30.5#
61	0.0	20.0	30.0#

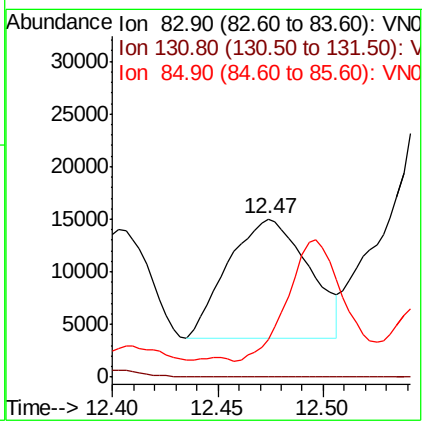


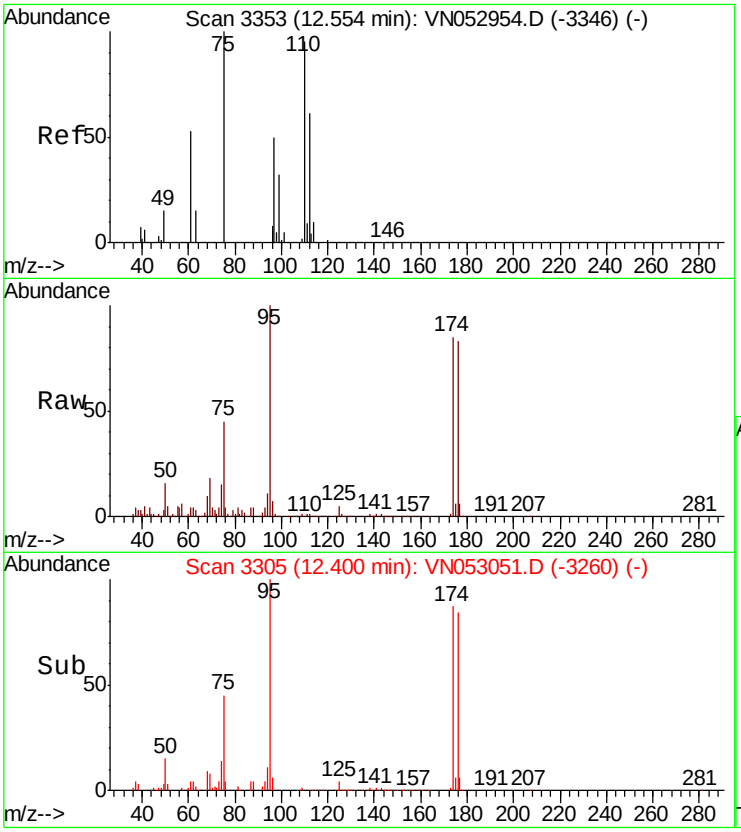


#75
1,1,2,2-Tetrachloroethane
Concen: 2.510 ug/l
RT: 12.47 min Scan# 3328
Delta R.T. -0.03 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 83 Resp: 29876

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	0.0	32.4	97.0#



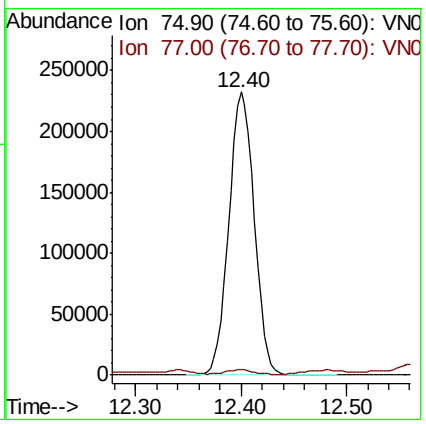


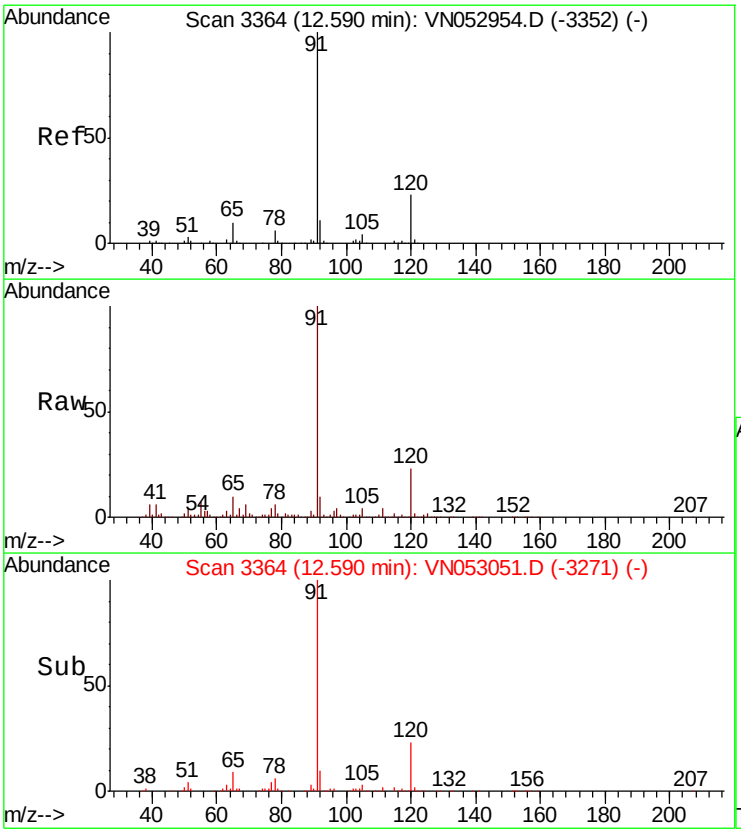
#76
1,2,3-Trichloropropane
Concen: 29.572 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 385958

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

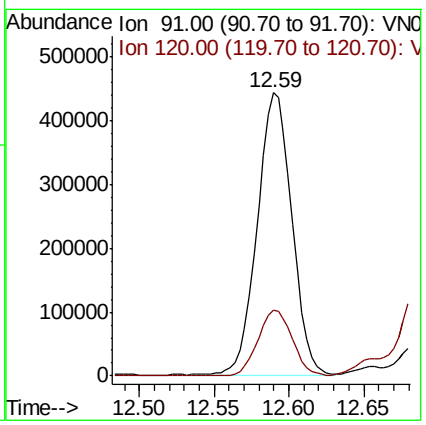


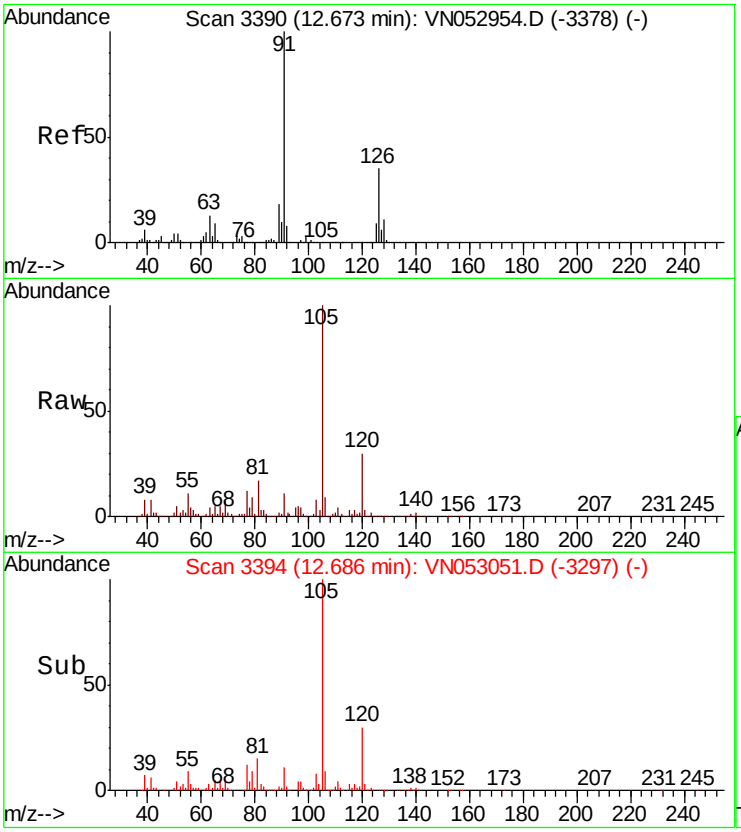


#78
n-propylbenzene
Concen: 10.247 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 91 Resp: 707956

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5



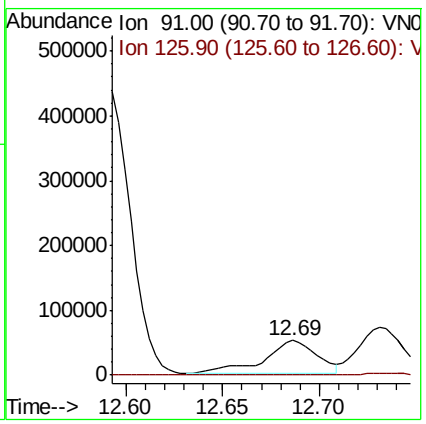


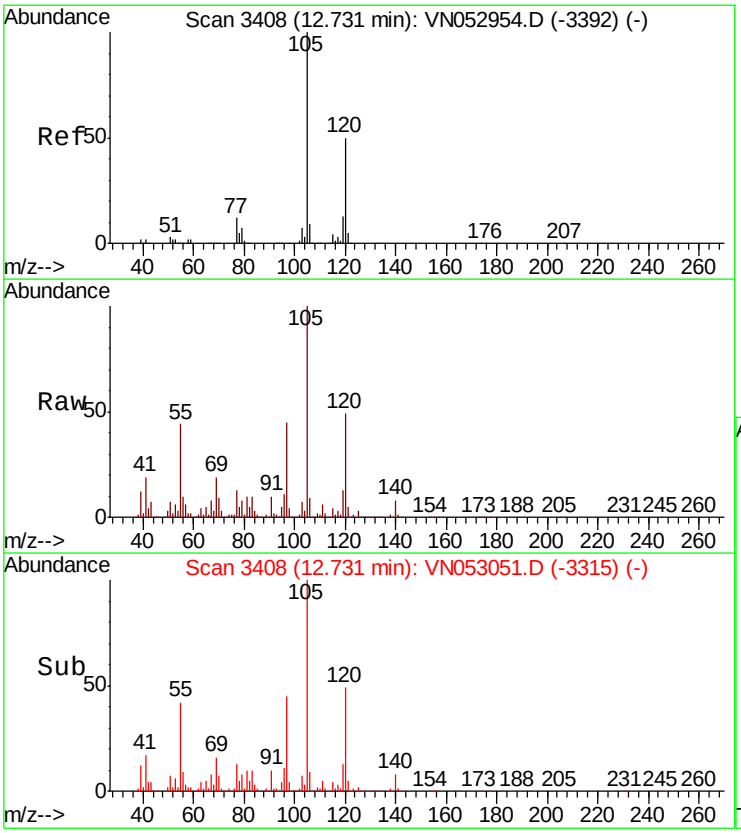
#79
2-Chlorotoluene
Concen: 2.289 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 98018

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.3#

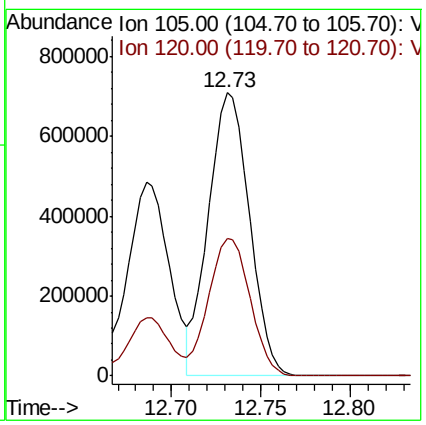


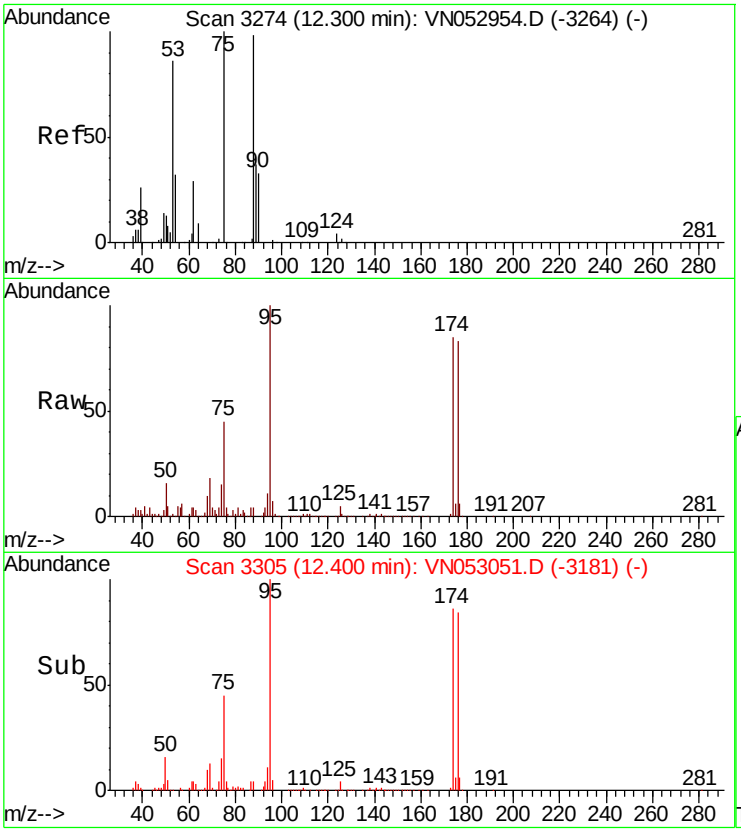


#80
1,3,5-Trimethylbenzene
Concen: 22.883 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 1131415

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.4	73.2



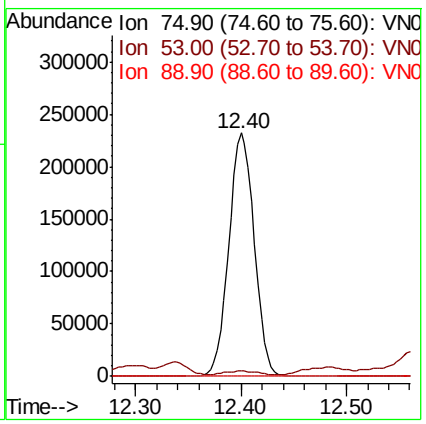


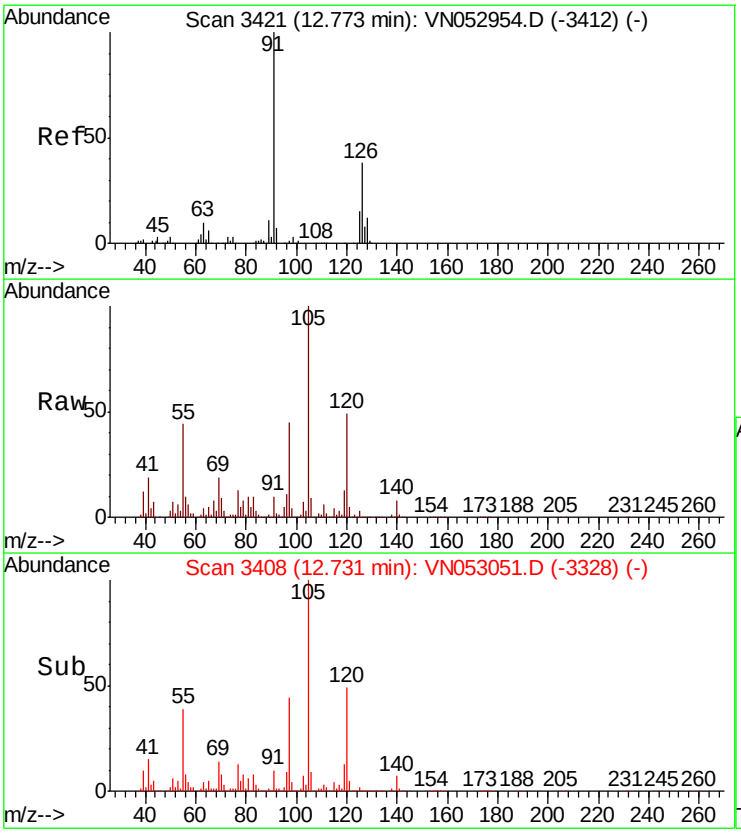
#81
trans-1,4-Dichloro-2-butene
Concen: 95.315 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 385958

Ion	Ratio	Lower	Upper
75	100		
53	1.7	74.7	112.1#
89	0.0	36.1	54.1#

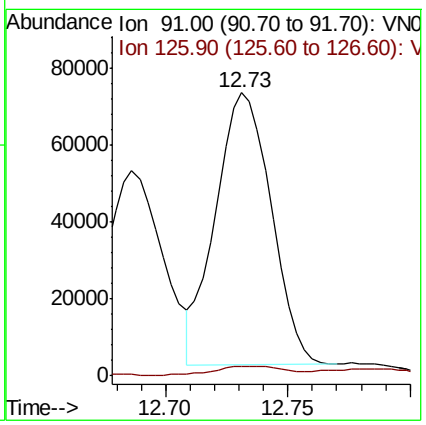


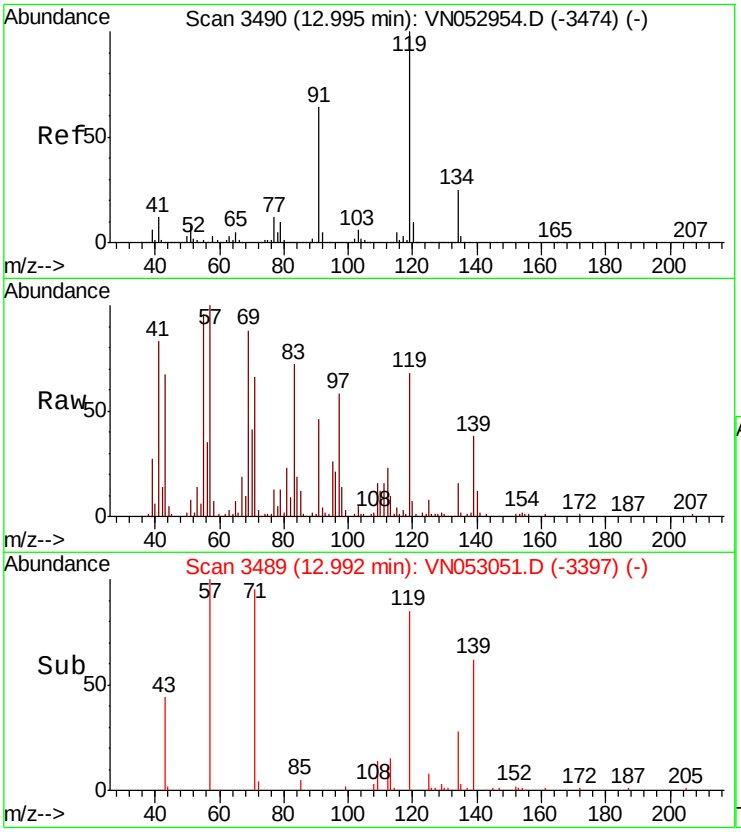


#82
4-Chlorotoluene
Concen: 2.670 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion: 91 Resp: 111937

Ion	Ratio	Lower	Upper
91	100		
126	4.0	17.3	51.7#



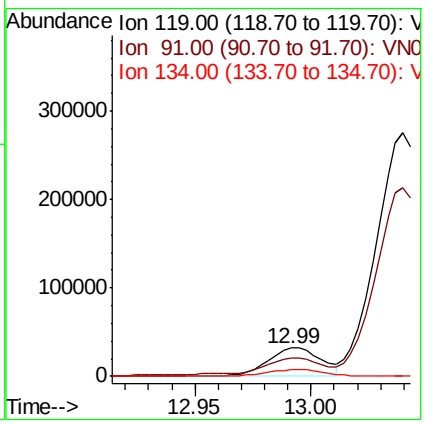


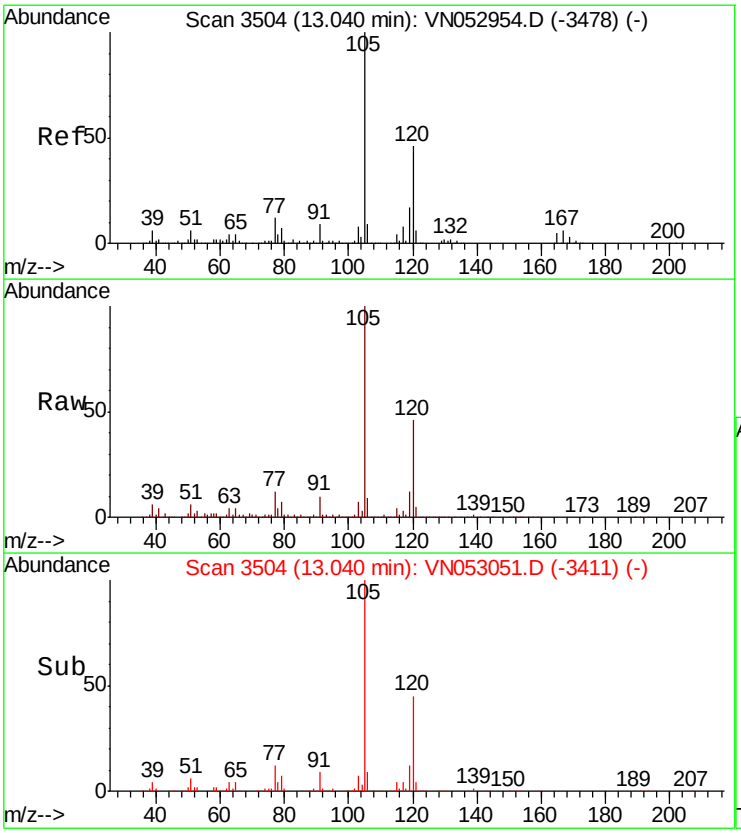
#83
tert-Butylbenzene
Concen: 1.153 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 50427

Ion	Ratio	Lower	Upper
119	100		
91	69.6	31.9	95.5
134	25.7	12.8	38.4

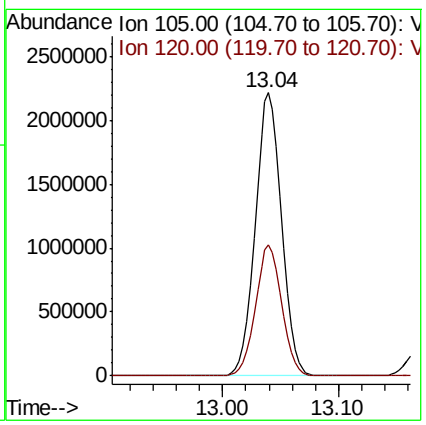


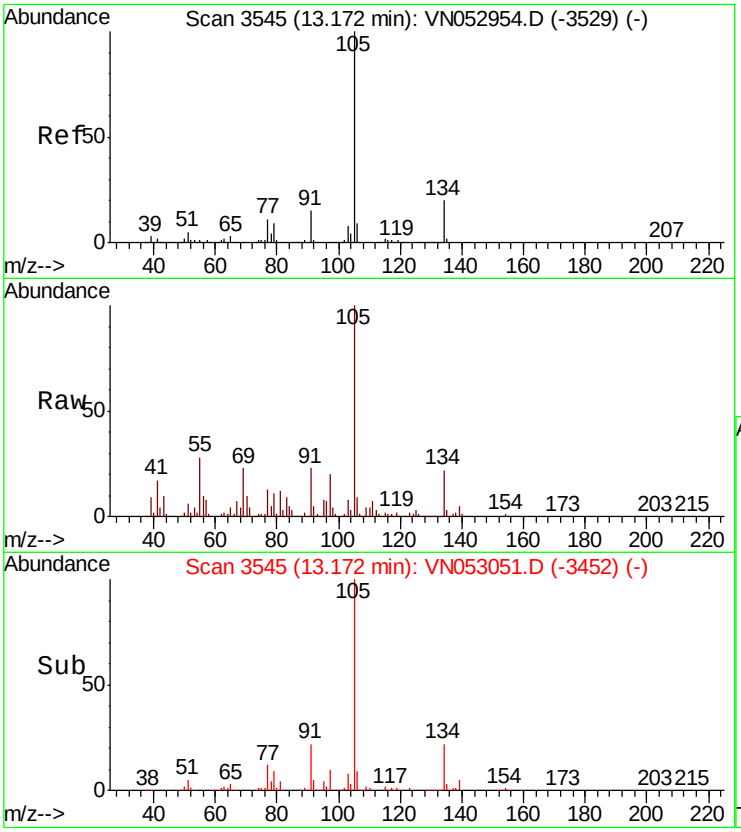


#84
1,2,4-Trimethylbenzene
Concen: 70.250 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:105 Resp: 3491726

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.8



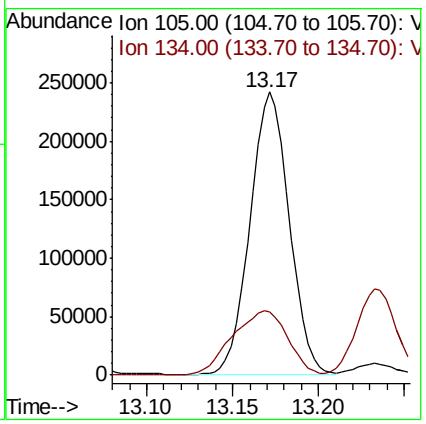


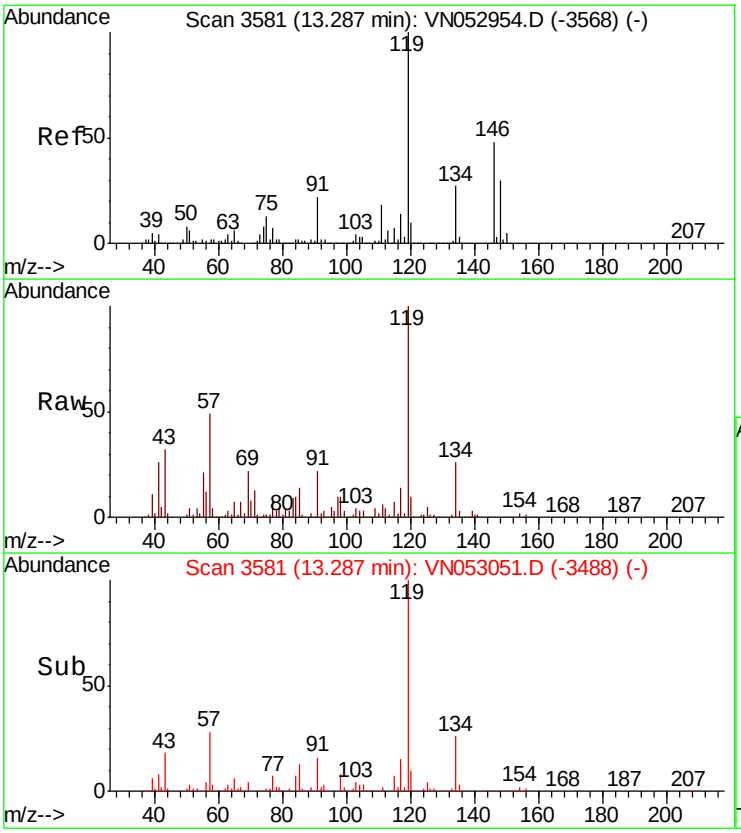
#85
sec-Butylbenzene
Concen: 6.418 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 379577

Ion	Ratio	Lower	Upper
105	100		
134	32.6	10.1	30.3#

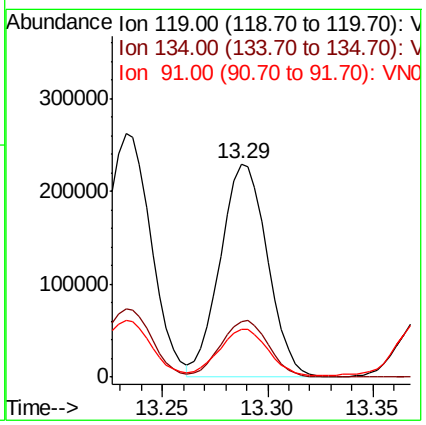


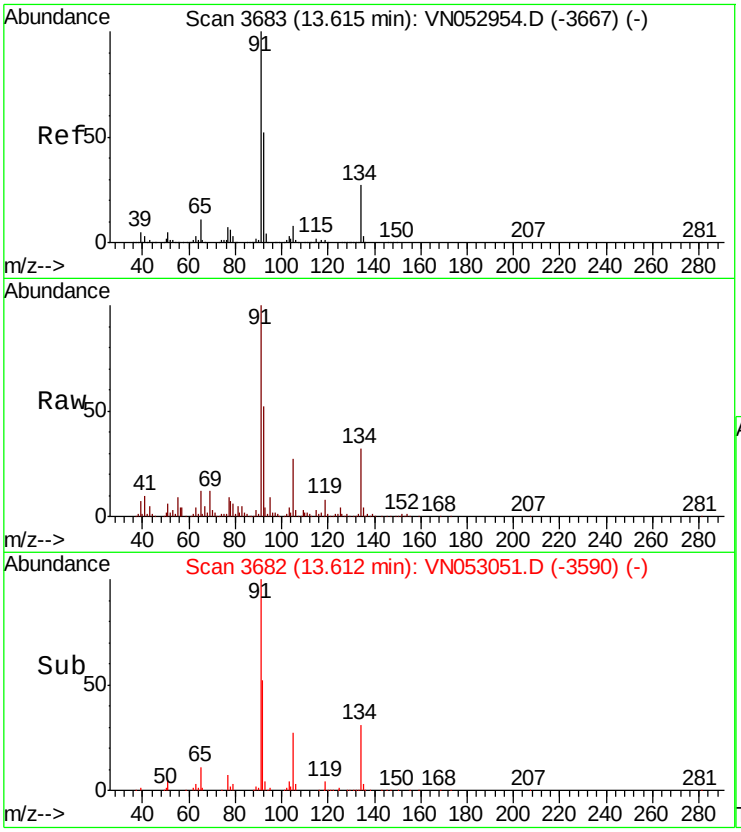


#86
p-Isopropyltoluene
Concen: 6.946 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:119 Resp: 355004

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	22.0	11.1	33.3



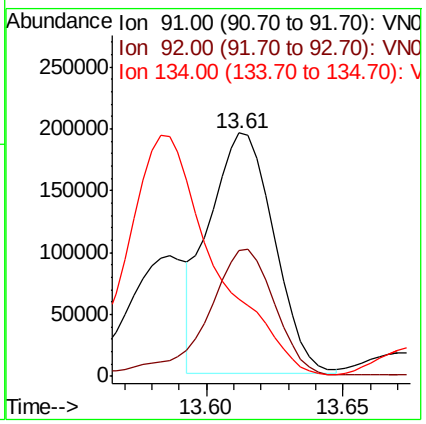


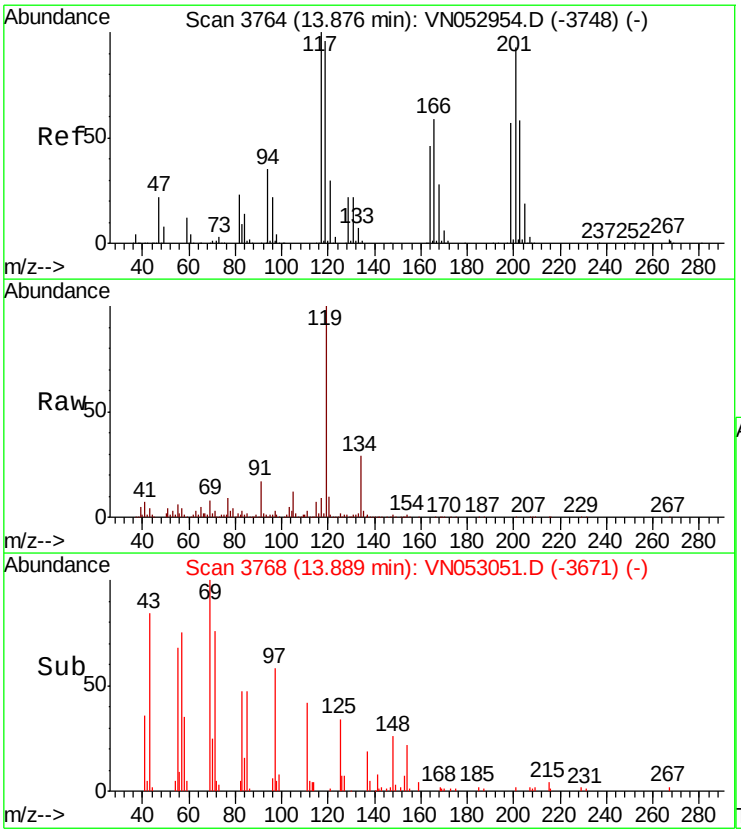
#89
n-Butylbenzene
Concen: 7.309 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 321352

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.3	78.9
134	0.0	13.3	39.8#

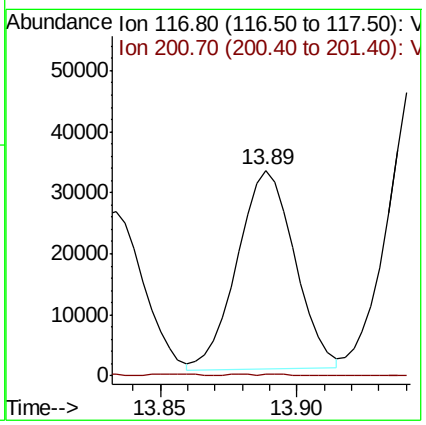


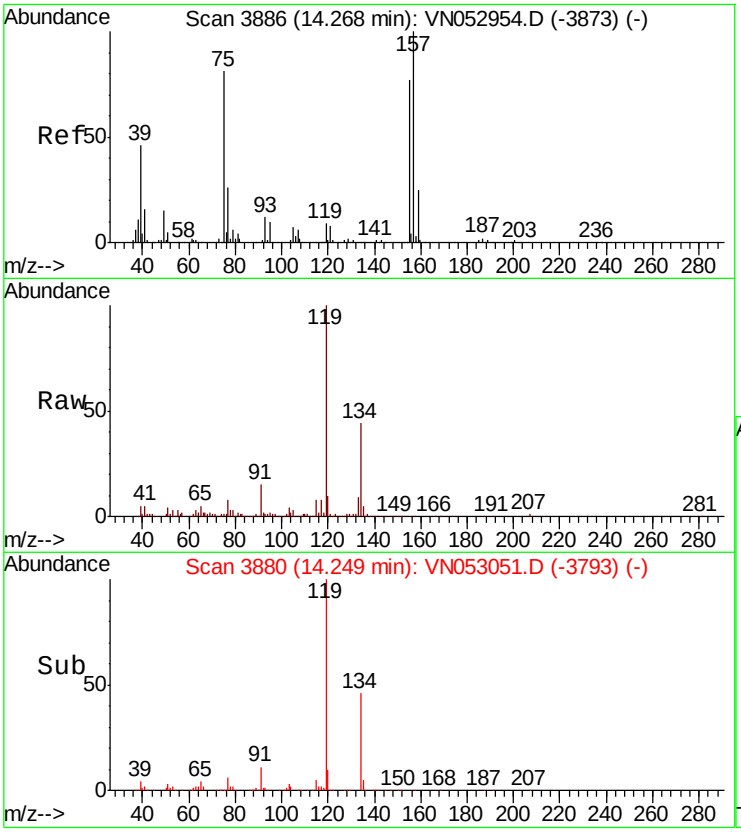


#90
Hexachloroethane
Concen: 6.084 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:117 Resp: 47717

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.7	137.1#



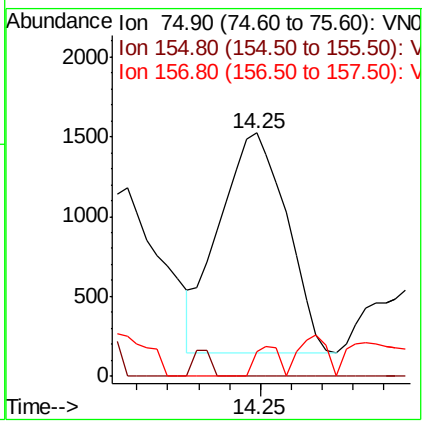


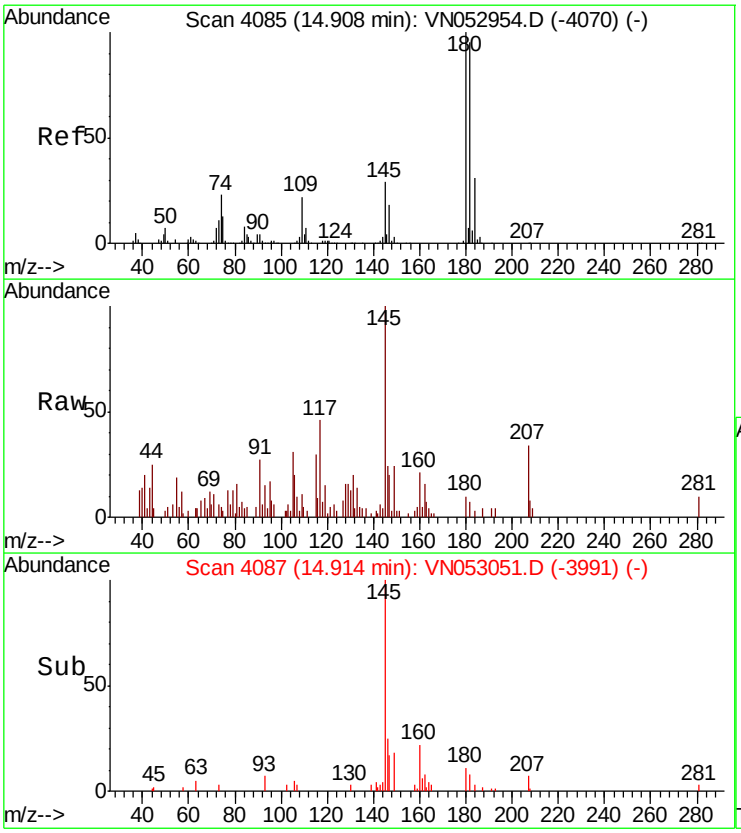
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.008 ug/l
RT: 14.25 min Scan# 3880
Delta R.T. -0.02 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 2075

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.2	144.6#
157	4.9	61.2	183.5#

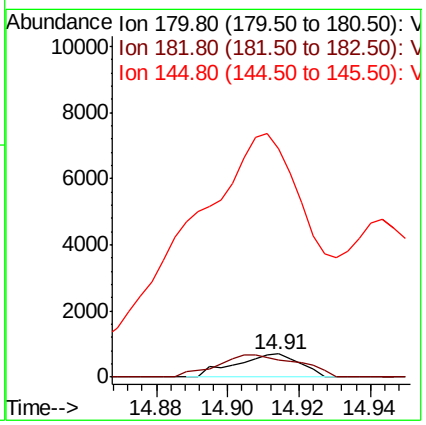


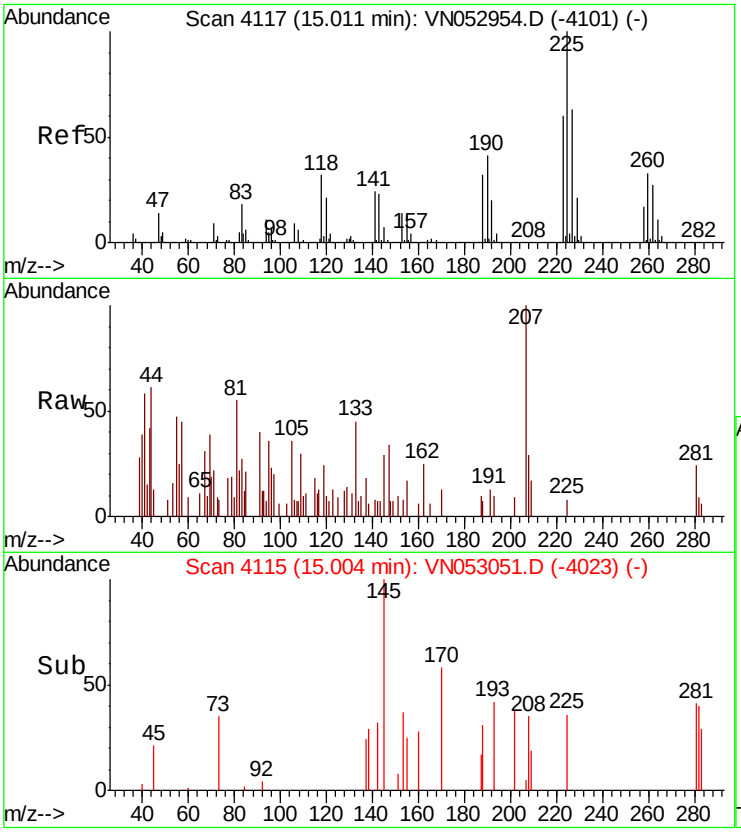


#93
1,2,4-Trichlorobenzene
Concen: 0.658 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:180 Resp: 876

Ion	Ratio	Lower	Upper
180	100		
182	120.2	47.8	143.3
145	2096.1	14.2	42.6#



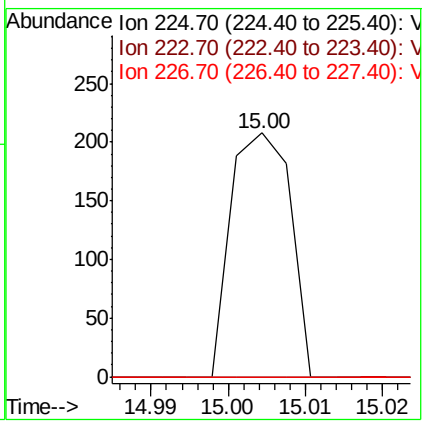


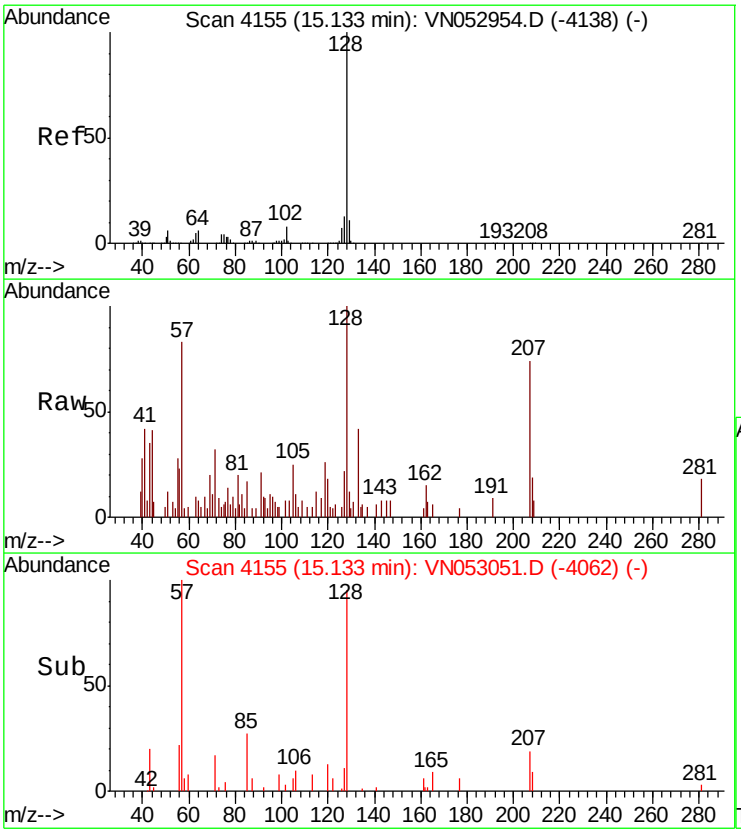
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 112

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.5	94.5#
227	0.0	31.9	95.7#

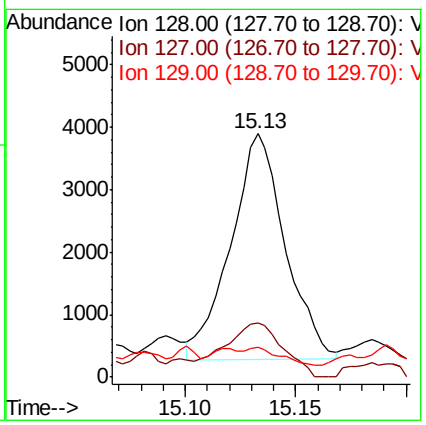


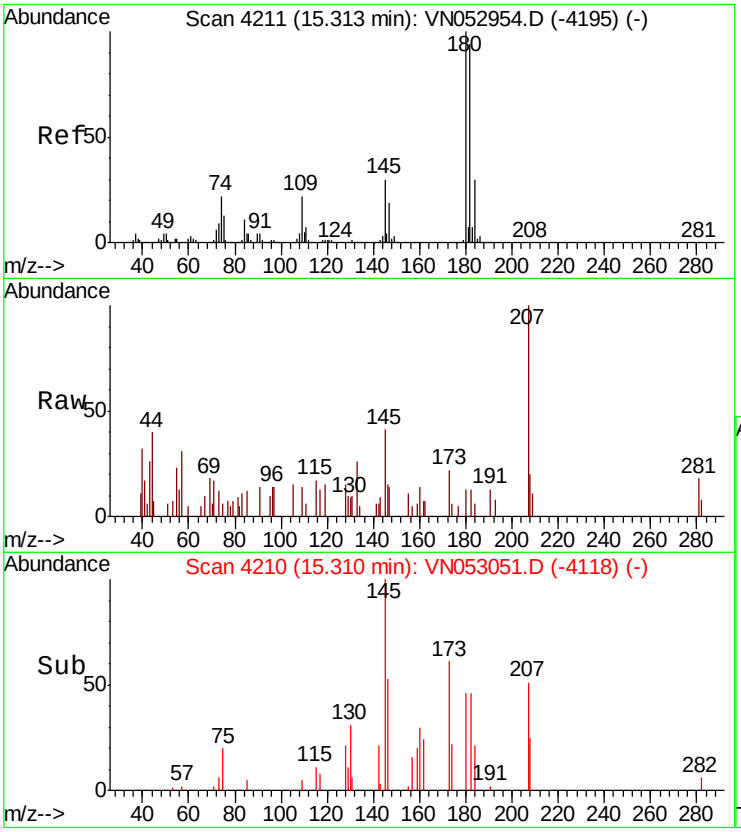


#95
Naphthalene
Concen: 1.345 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Tgt Ion:128 Resp: 6185

Ion	Ratio	Lower	Upper
128	100		
127	26.0	10.2	15.4#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.554 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN053051.D
Acq: 20 Dec 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 577

Ion	Ratio	Lower	Upper
180	100		
182	126.2	47.9	143.7
145	324.6	15.0	45.0#