Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053050.D
Acq On : 20 Dec 2018 12:21
Operator : MD\SY
Sample : J6452-01MEDL 10X
Misc : 8.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MIHPT-20(17-20)MEDL

Quant Time: Dec 21 00:15:44 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	1303507	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1980785	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1823522	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	816374	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	624343	47.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.40%				
35) Dibromofluoromethane	7.59	113	507542	56.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.18%				
50) Toluene-d8	10.09	98	2451388	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
62) 4-Bromofluorobenzene	12.40	95	868026	50.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.80%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	202	0.276	ug/l	#	32
16) Acetone	3.82	43	2332	0.899	ug/l	#	43
18) Methyl Acetate	4.33	43	4921	1.402	ug/l	#	84
36) 1,1-Dichloropropene	7.66	75	85500	4.497	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	112031	6.429	ug/l	#	16
39) Methylcyclohexane	9.08	83	16291	0.705	ug/l		98
40) Benzene	8.04	78	48778	0.863	ug/l		100
43) Isopropyl Acetate	8.23	43	26338	0.243	ug/l	#	55
55) 1,1,2-Trichloroethane	10.53	97	3348	0.274	ug/l	#	22
59) 2-Hexanone	10.72	43	9517	1.369	ug/l	#	27
65) Chlorobenzene	11.43	112	1502467	37.169	ug/l		99
67) Ethyl Benzene	11.51	91	23176	0.333	ug/l		98
69) o-Xylene	11.95	106	10229	0.403	ug/l		91
71) Bromoform	12.40	173	5274	0.519	ug/l	#	1
73) Isopropylbenzene	12.25	105	15965	0.250	ug/l		99
74) N-amyl acetate	12.04	43	80411	4.534	ug/l	#	64
75) 1,1,2,2-Tetrachloroethane	12.48	83	5991	0.478	ug/l	#	31
76) 1,2,3-Trichloropropane	12.40	75	397796	28.946	ug/l	#	100
78) n-propylbenzene	12.59	91	54207	0.745	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	397796	93.296	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.04	105	97083	1.855	ug/l		99
85) sec-Butylbenzene	13.17	105	33362	0.536	ug/l	#	68
86) p-Isopropyltoluene	13.29	119	16219	0.301	ug/l		97
87) 1,3-Dichlorobenzene	13.28	146	24418	0.831	ug/l	#	72
88) 1,4-Dichlorobenzene	13.36	146	66585	2.237	ug/l	#	85
89) n-Butylbenzene	13.61	91	31512	0.681	ug/l	#	87
90) Hexachloroethane	13.89	117	5056	0.612	ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	2756	0.782	ug/l	#	1
94) Hexachlorobutadiene	15.01	225	352	Below Cal			92
95) Naphthalene	15.13	128	57501	2.897	ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.32	180	2582	0.702	ug/l	#	49

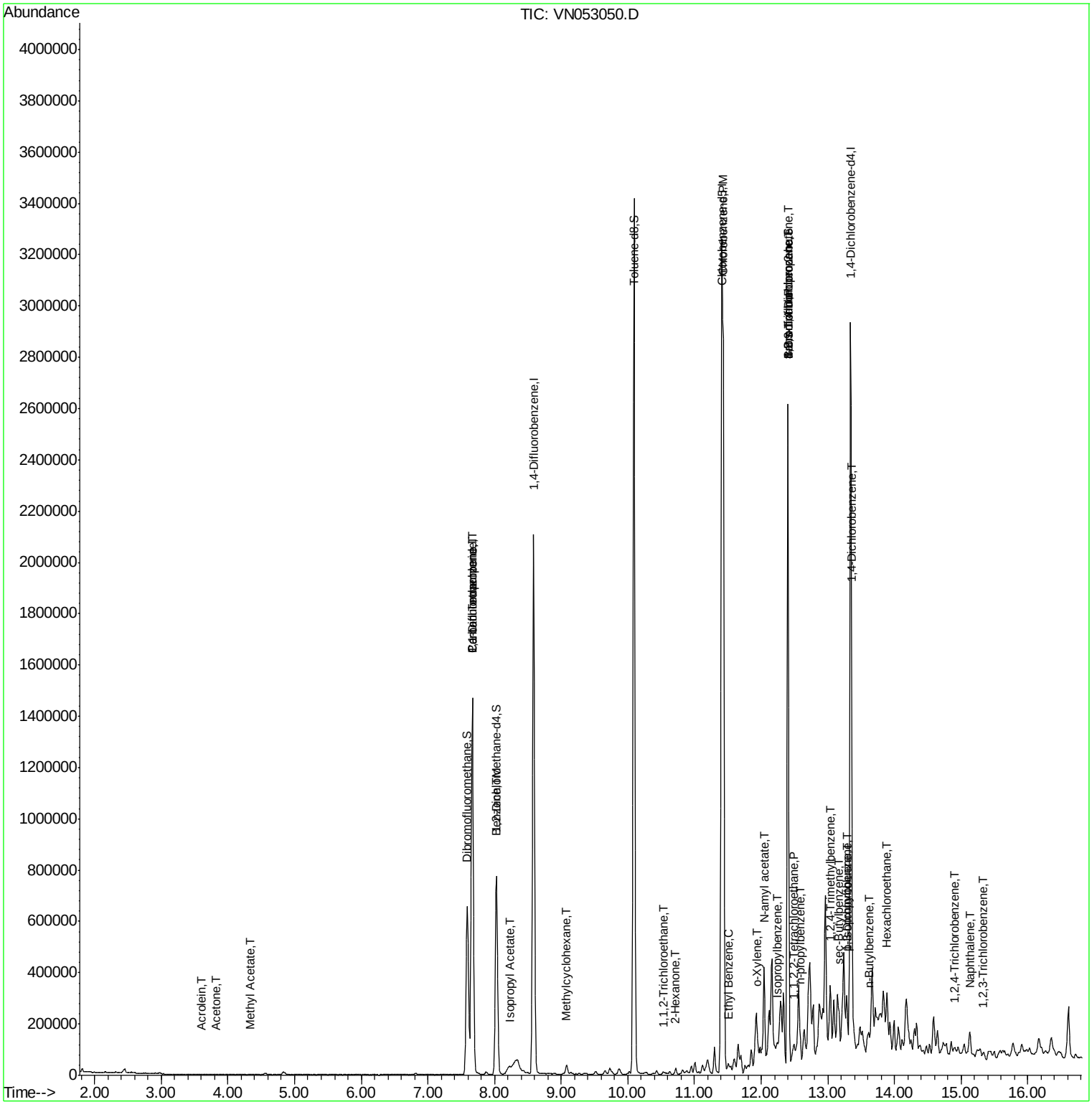
(#) = qualifier out of range (m) = manual integration (+) = signals summed

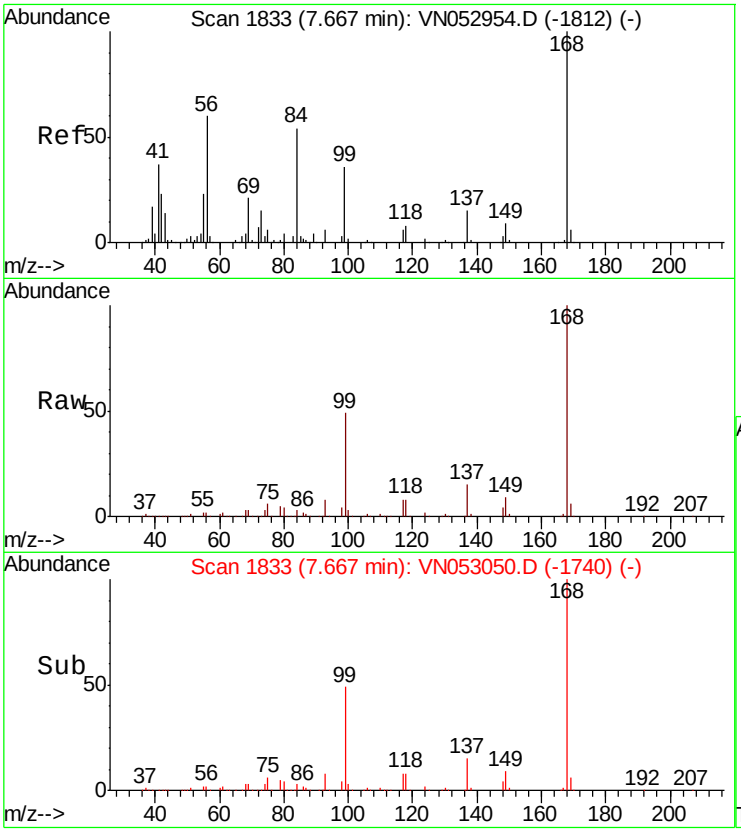
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053050.D
Acq On : 20 Dec 2018 12:21
Operator : MD\SY
Sample : J6452-01MEDL 10X
Misc : 8.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Quant Time: Dec 21 00:15:44 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



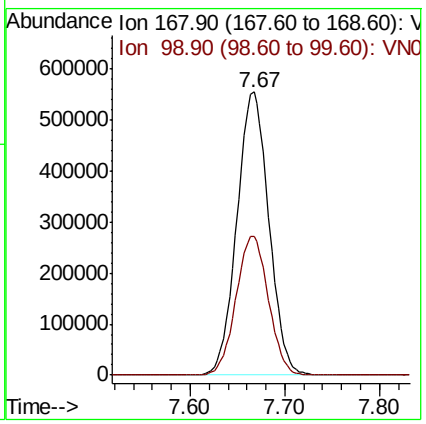


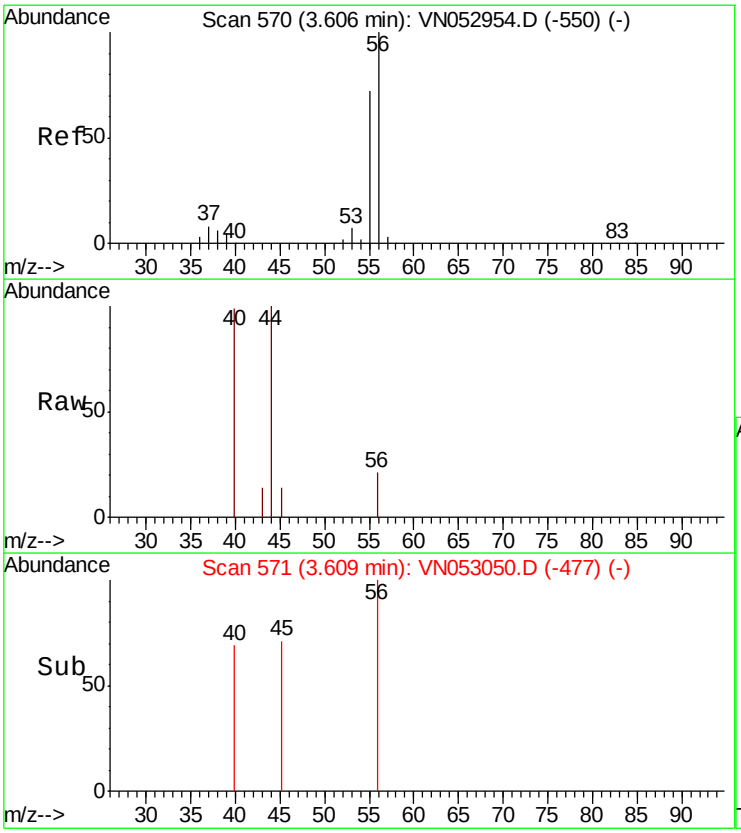
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:168 Resp: 1303507

Ion	Ratio	Lower	Upper
168	100		
99	49.1	40.2	60.2

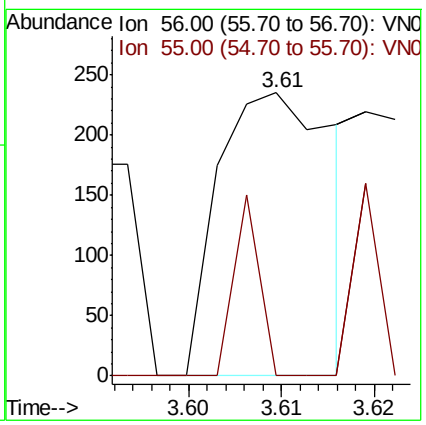


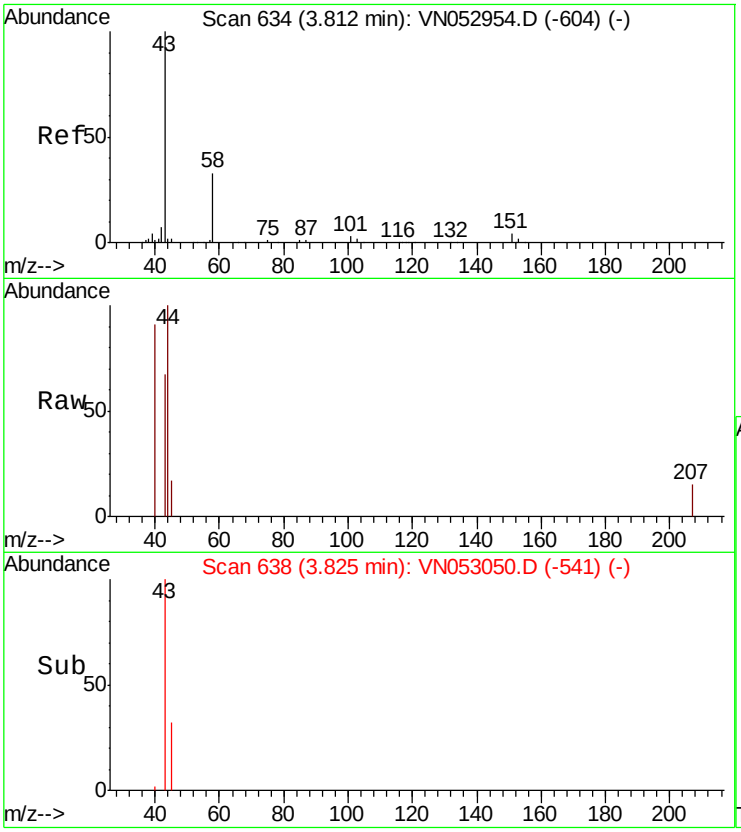


#13
Acrolein
Concen: 0.276 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 56 Resp: 202

Ion	Ratio	Lower	Upper
56	100		
55	14.4	56.6	85.0#



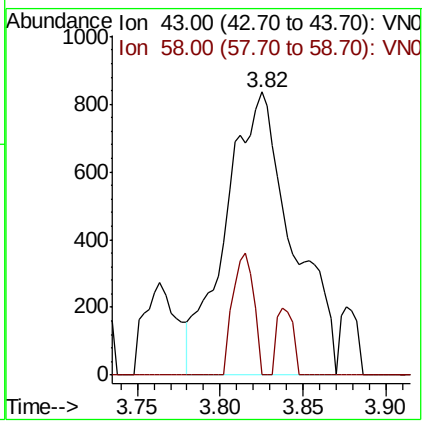


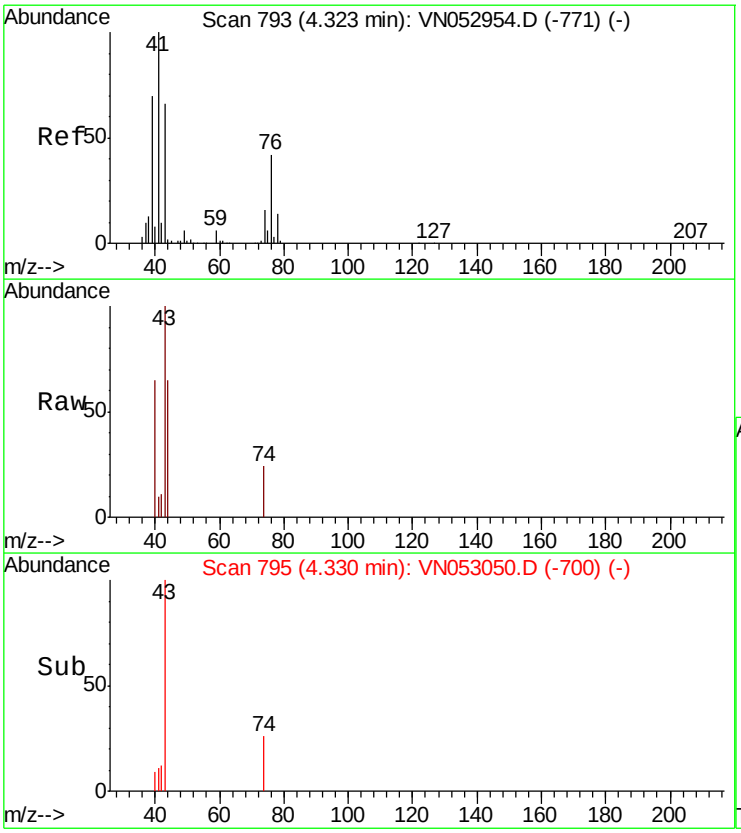
#16
Acetone
Concen: 0.899 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 43 Resp: 2332

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	38.0#

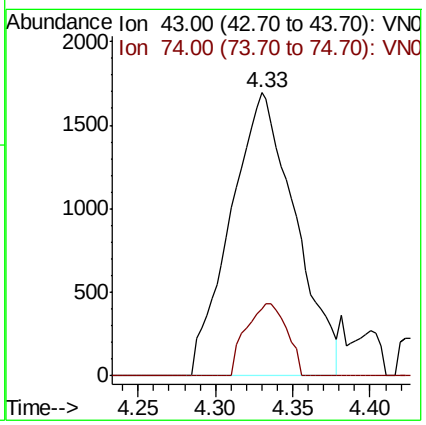


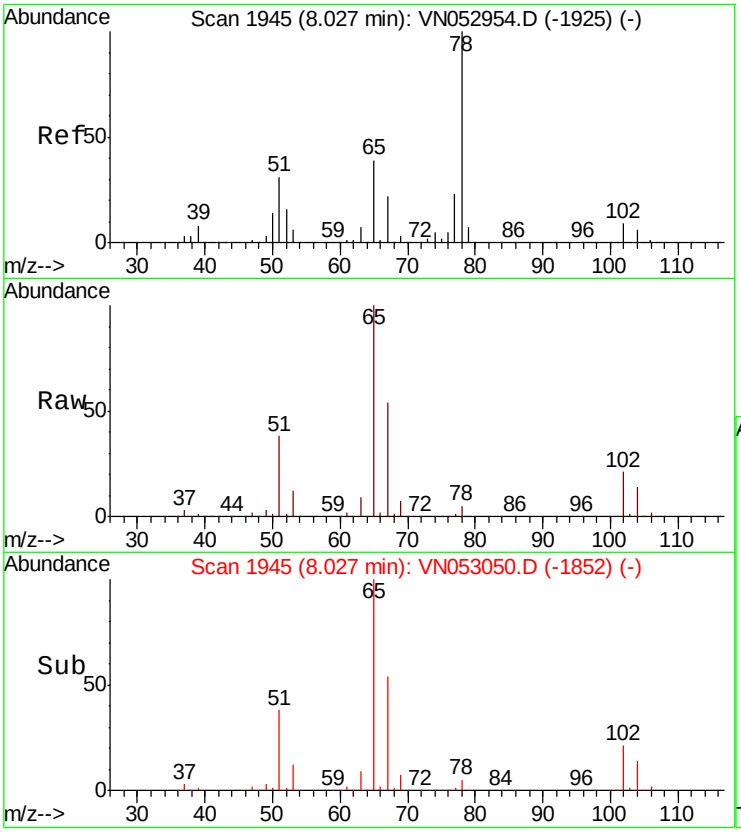


#18
Methyl Acetate
Concen: 1.402 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 43 Resp: 4921

Ion	Ratio	Lower	Upper
43	100		
74	16.0	19.2	28.8#



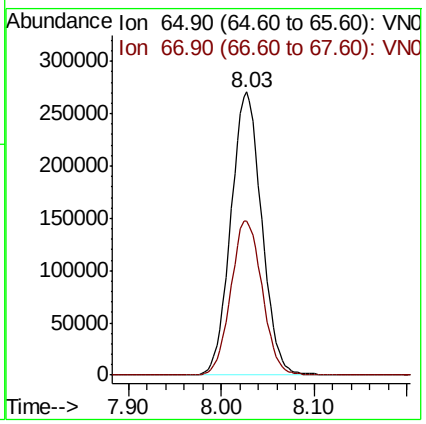


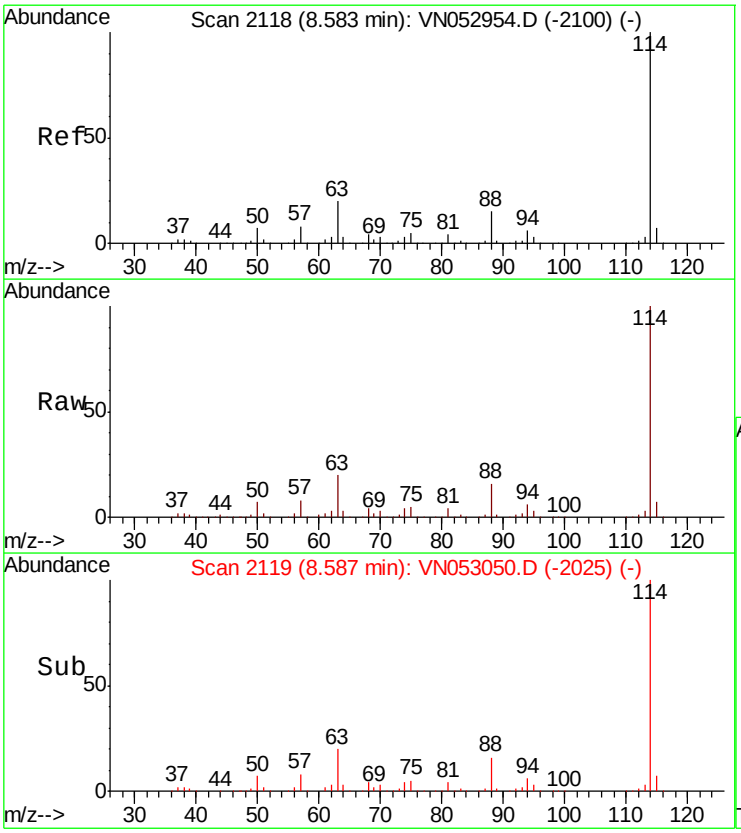
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 65 Resp: 624343

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.4

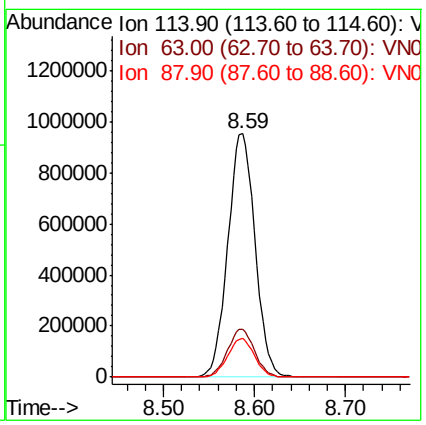


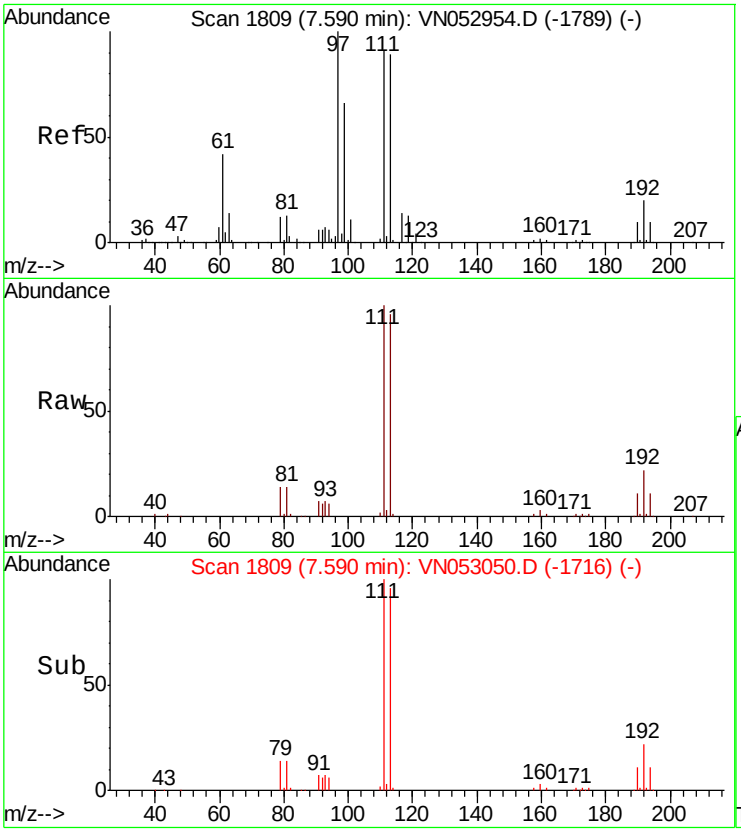


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:114 Resp: 1980785

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.8	0.0	31.0



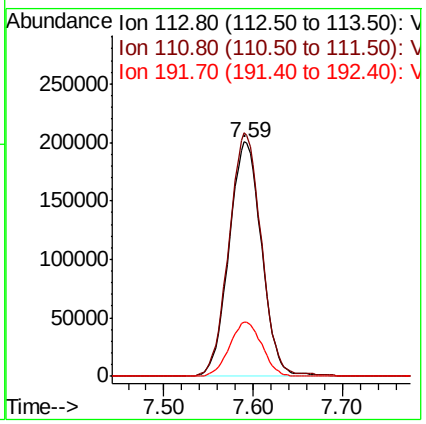


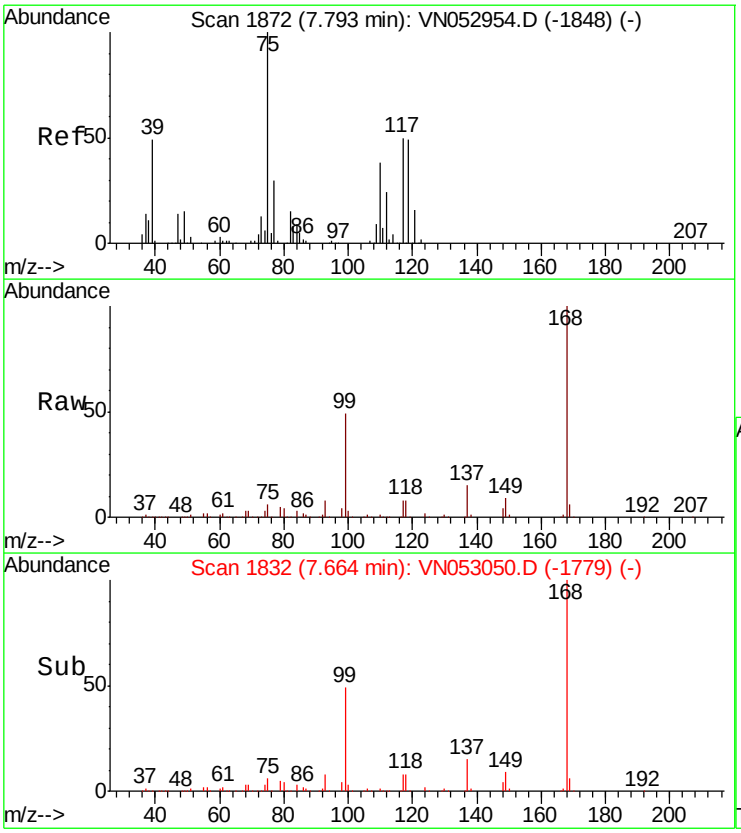
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:113 Resp: 507542

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	23.2	17.5	26.3

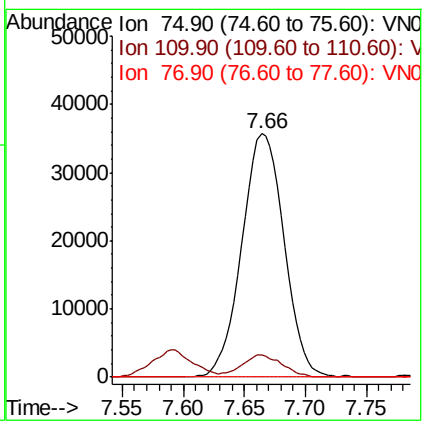


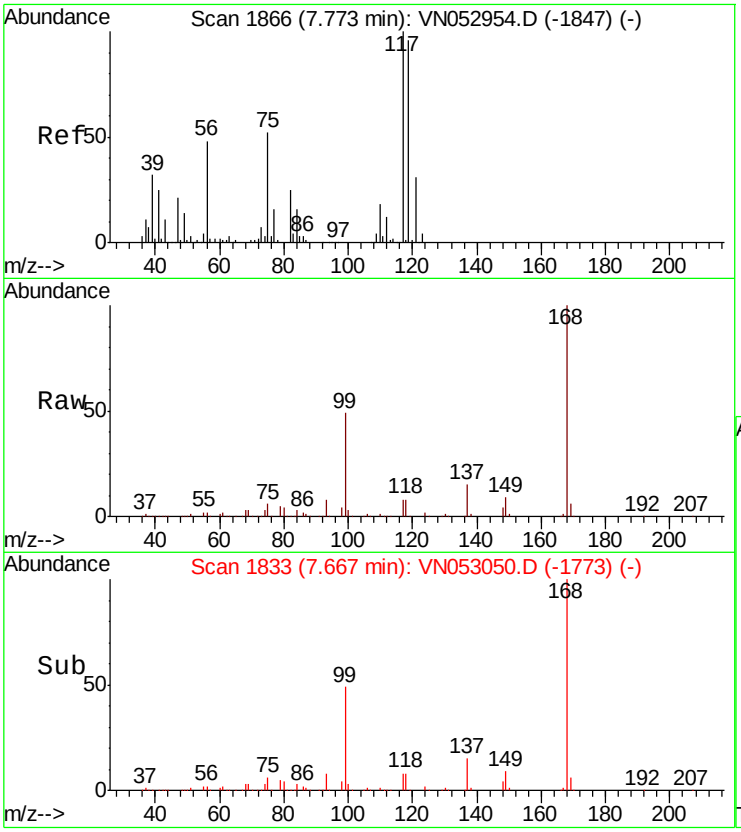


#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 75 Resp: 85500

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#



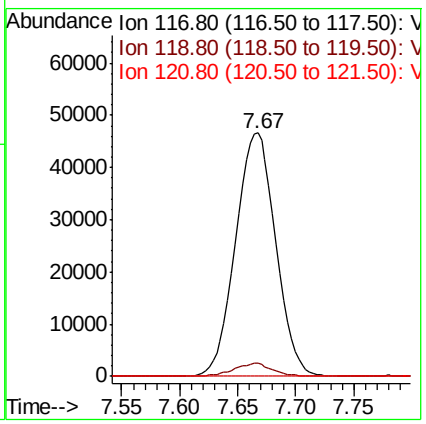


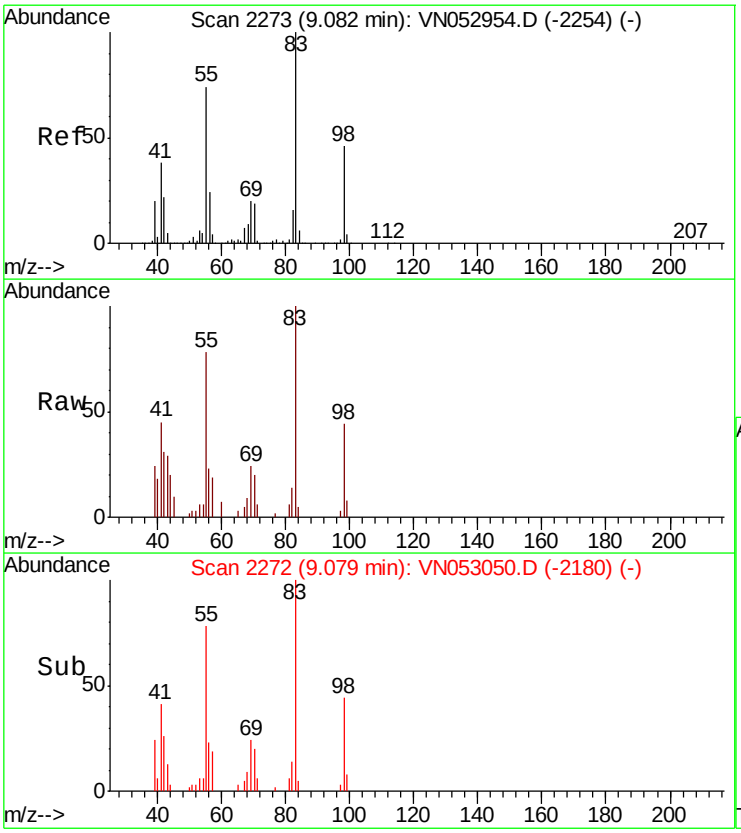
#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:117 Resp: 112031

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	24.9	37.3#

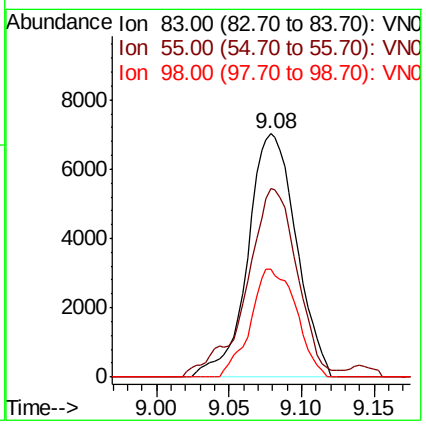


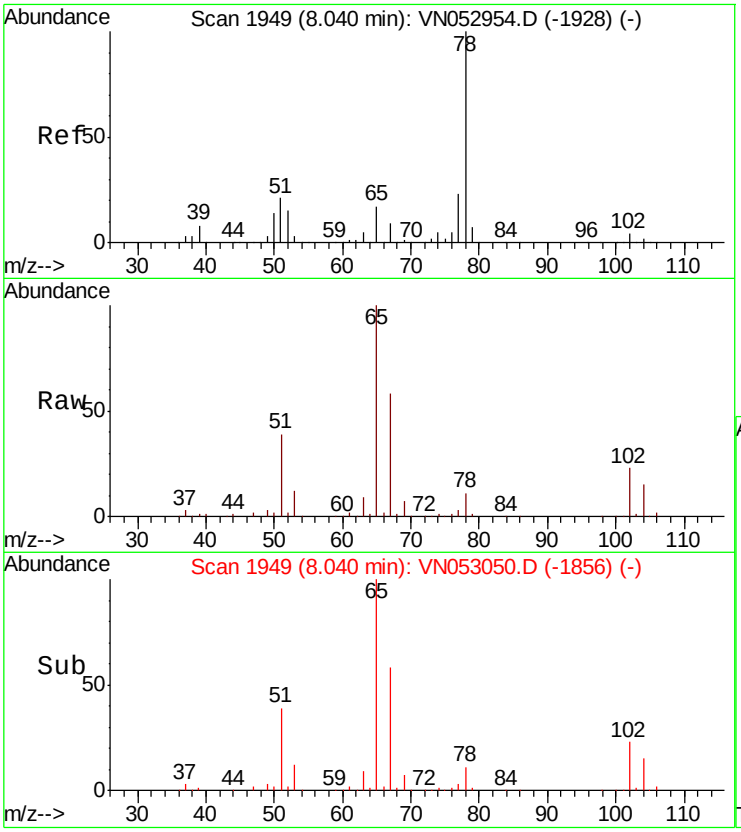


#39
Methylcyclohexane
Concen: 0.705 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 83 Resp: 16291

Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.3	91.9
98	44.4	37.0	55.4



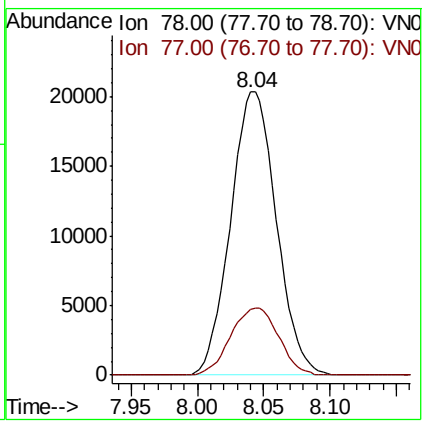


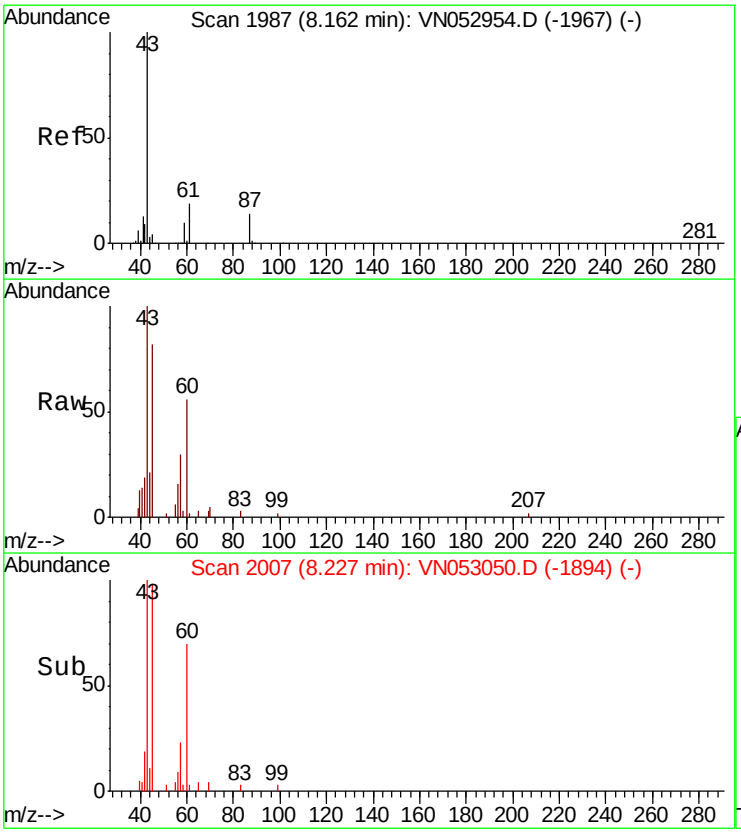
#40
Benzene
Concen: 0.863 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 78 Resp: 48778

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7

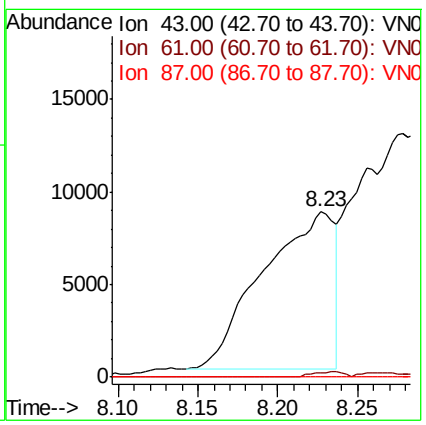


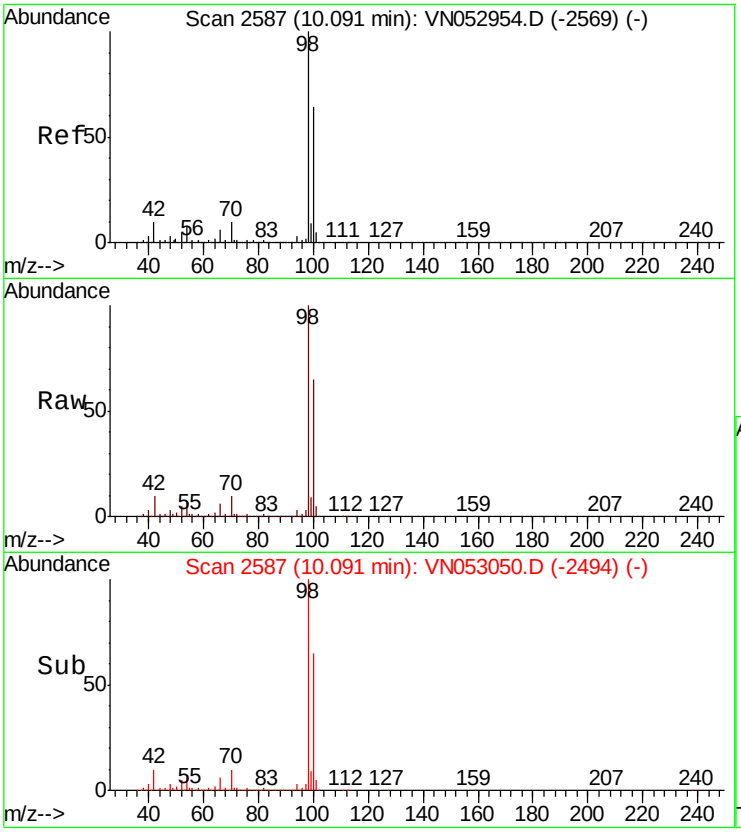


#43
Isopropyl Acetate
Concen: 0.243 ug/l
RT: 8.23 min Scan# 2007
Delta R.T. 0.06 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 43 Resp: 26338

Ion	Ratio	Lower	Upper
43	100		
61	1.4	22.9	34.3#
87	0.0	10.6	15.8#



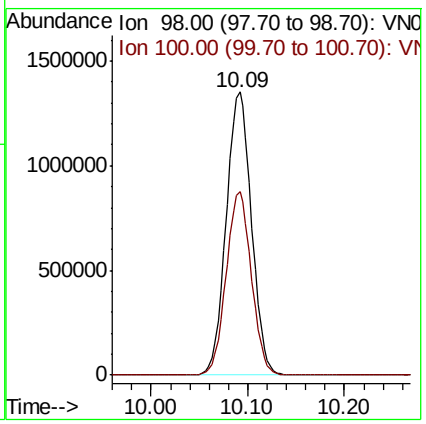


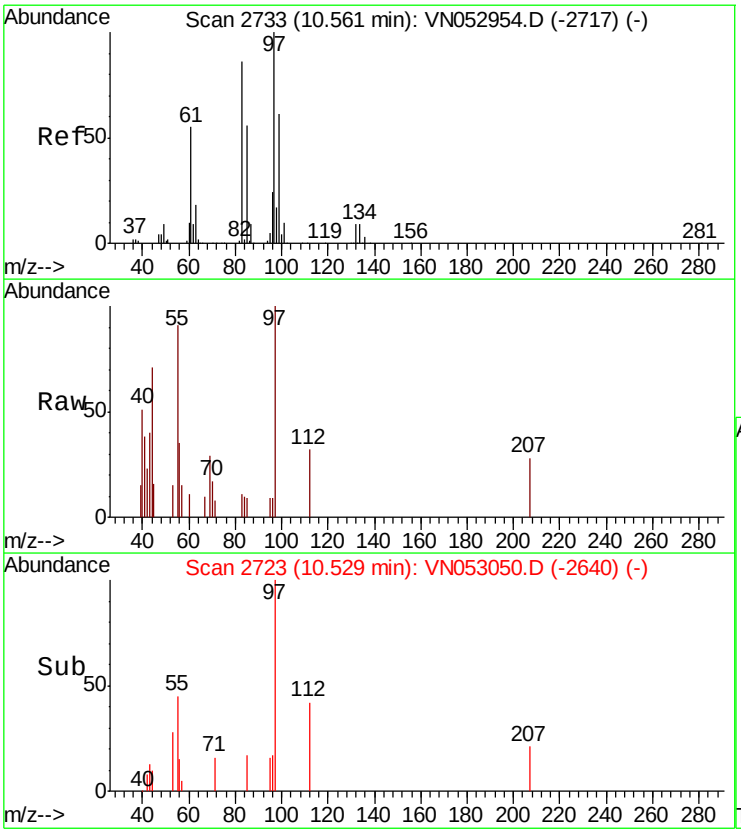
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 98 Resp: 2451388

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

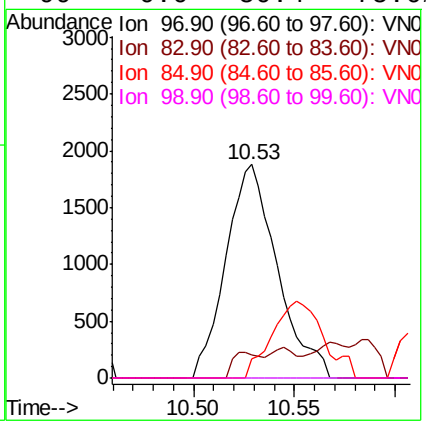


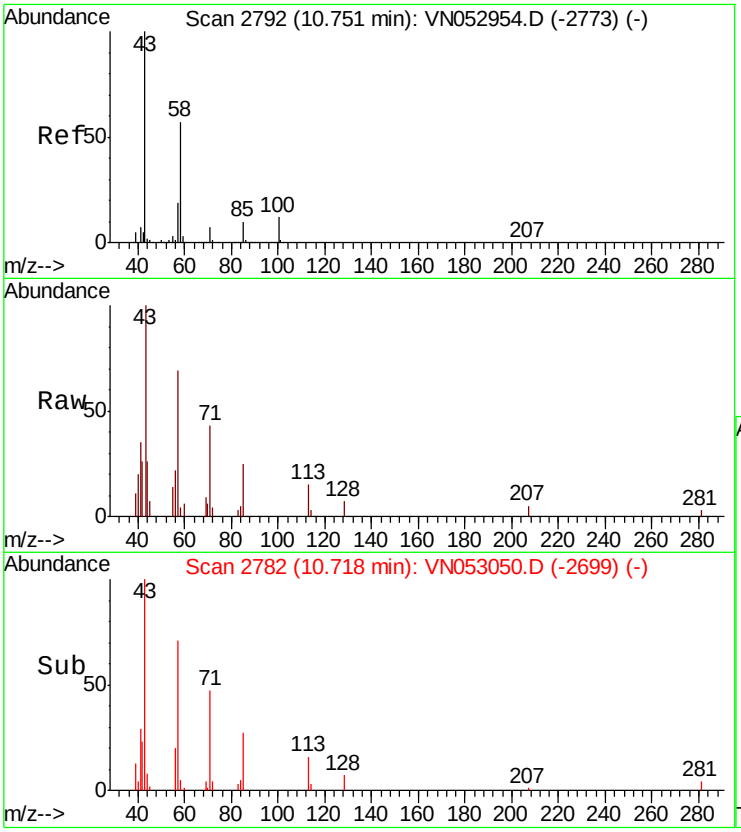


#55
1,1,2-Trichloroethane
Concen: 0.274 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.03 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 97 Resp: 3348

Ion	Ratio	Lower	Upper
97	100		
83	10.9	70.9	106.3#
85	9.0	45.4	68.2#
99	0.0	50.4	75.6#



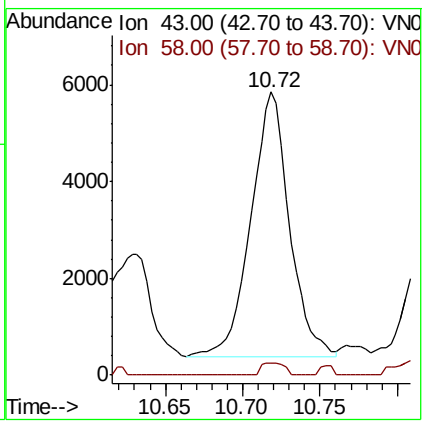


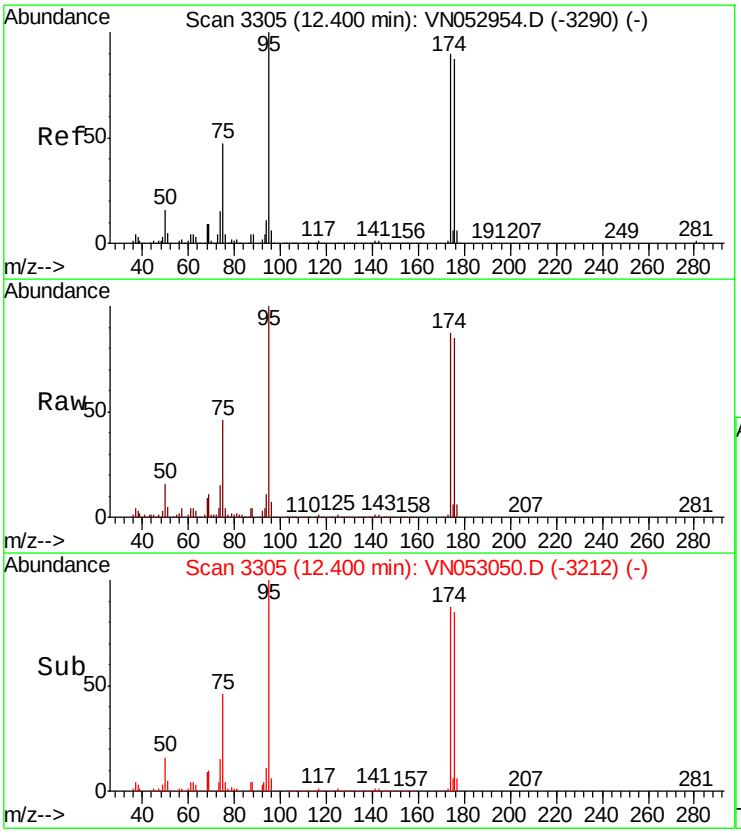
#59
2-Hexanone
Concen: 1.369 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 43 Resp: 9517

Ion	Ratio	Lower	Upper
43	100		
58	2.8	28.1	84.3#

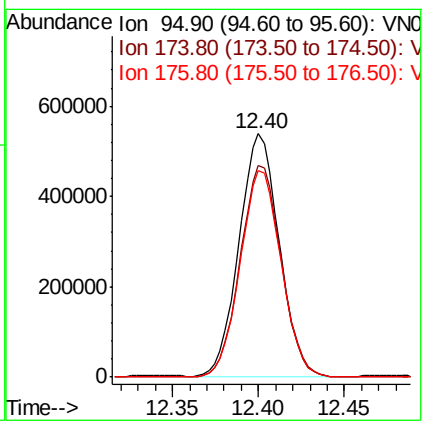


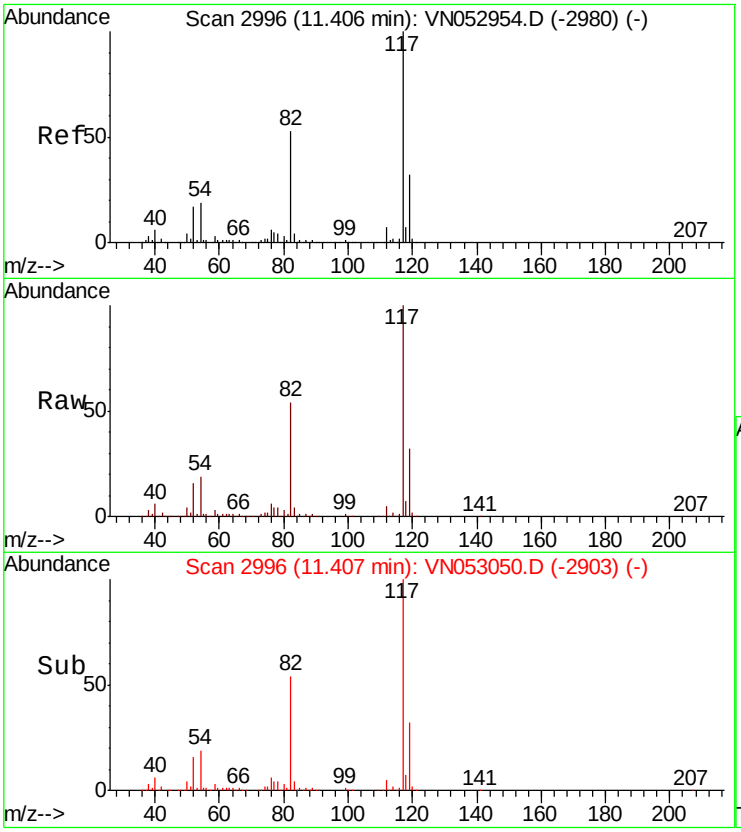


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 95 Resp: 868026

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	178.8
176	86.7	0.0	173.8



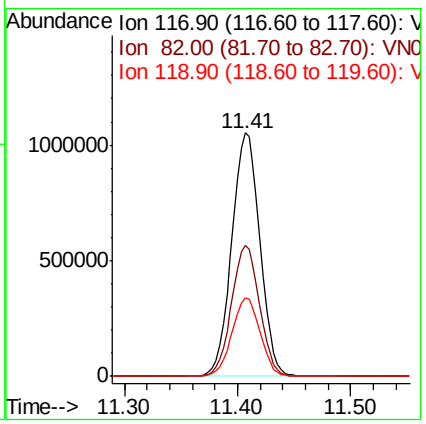


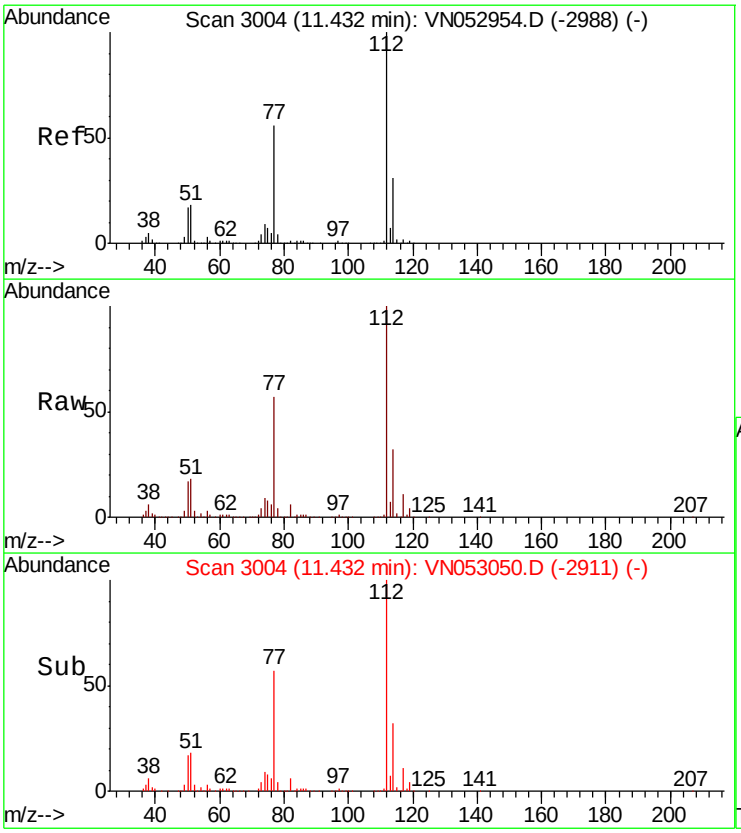
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:117 Resp: 1823522

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	32.1	25.5	38.3

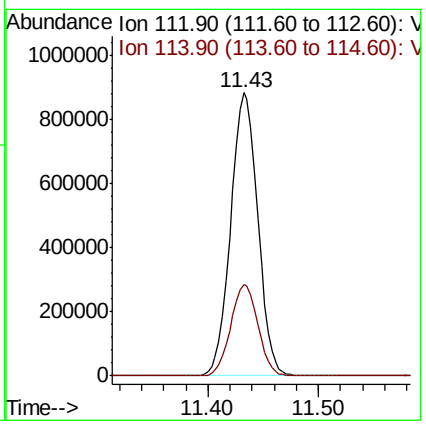


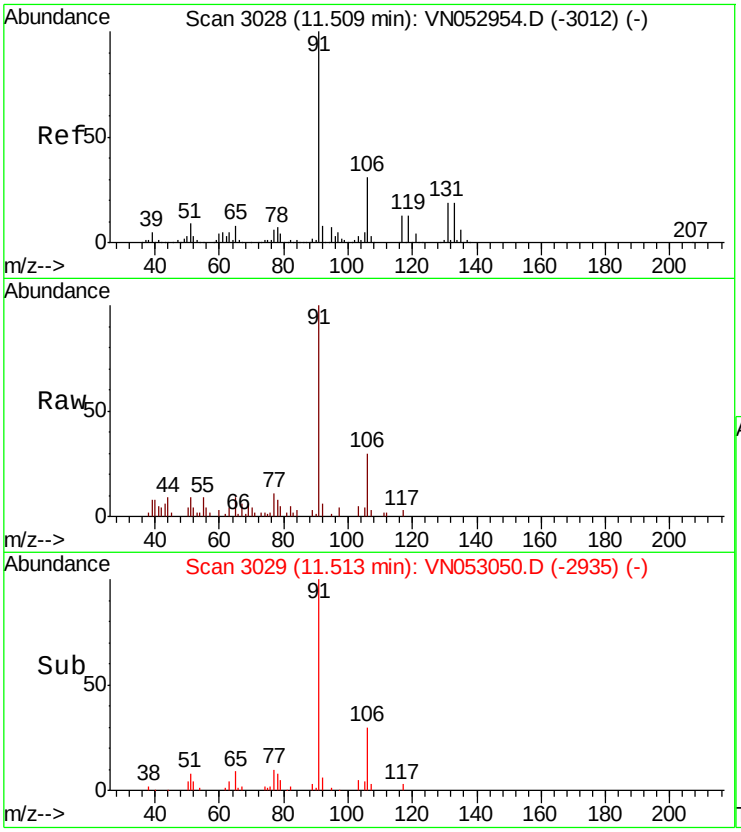


#65
Chlorobenzene
Concen: 37.169 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:112 Resp: 1502467

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3



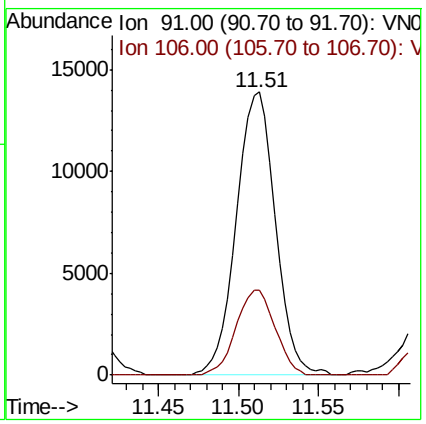


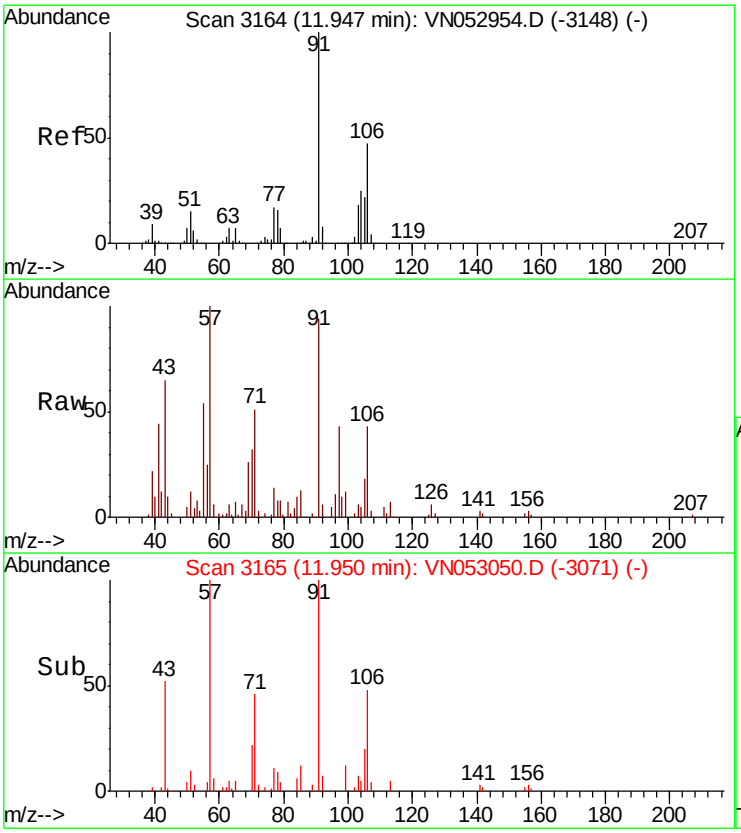
#67
Ethyl Benzene
Concen: 0.333 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 91 Resp: 23176

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.9	37.3

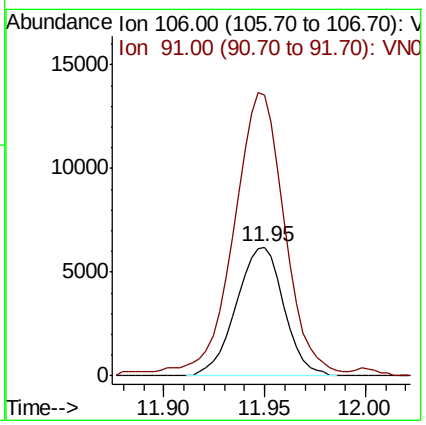


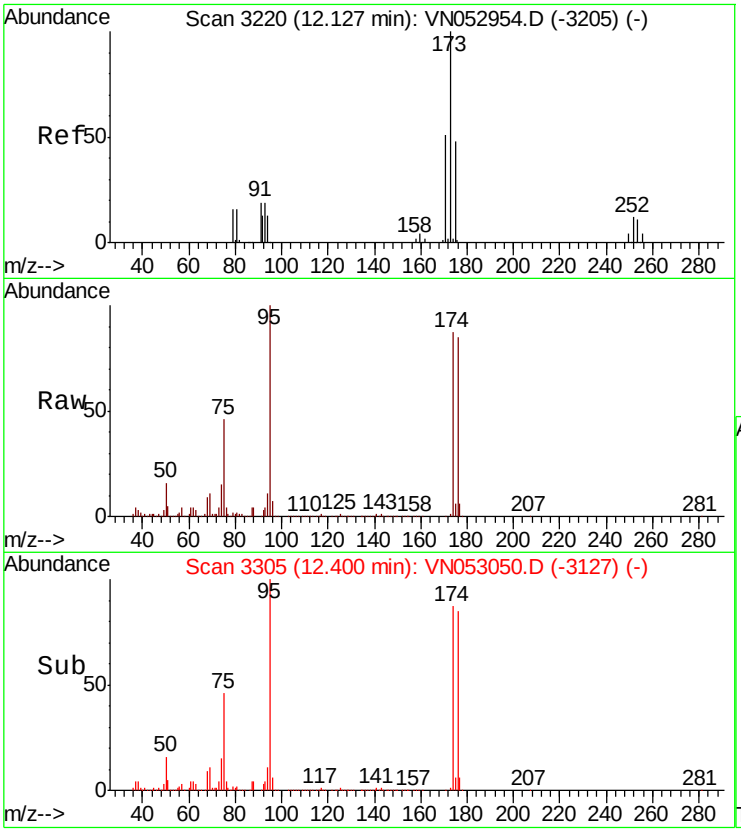


#69
o-Xylene
Concen: 0.403 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:106 Resp: 10229

Ion	Ratio	Lower	Upper
106	100		
91	226.8	106.6	319.8



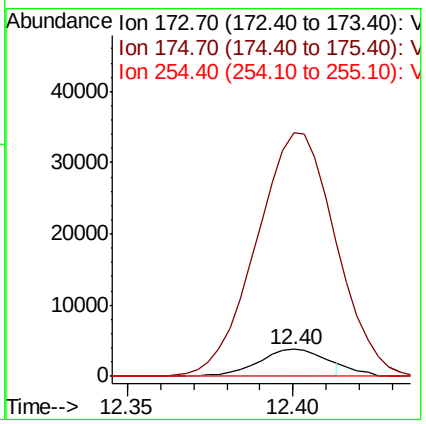


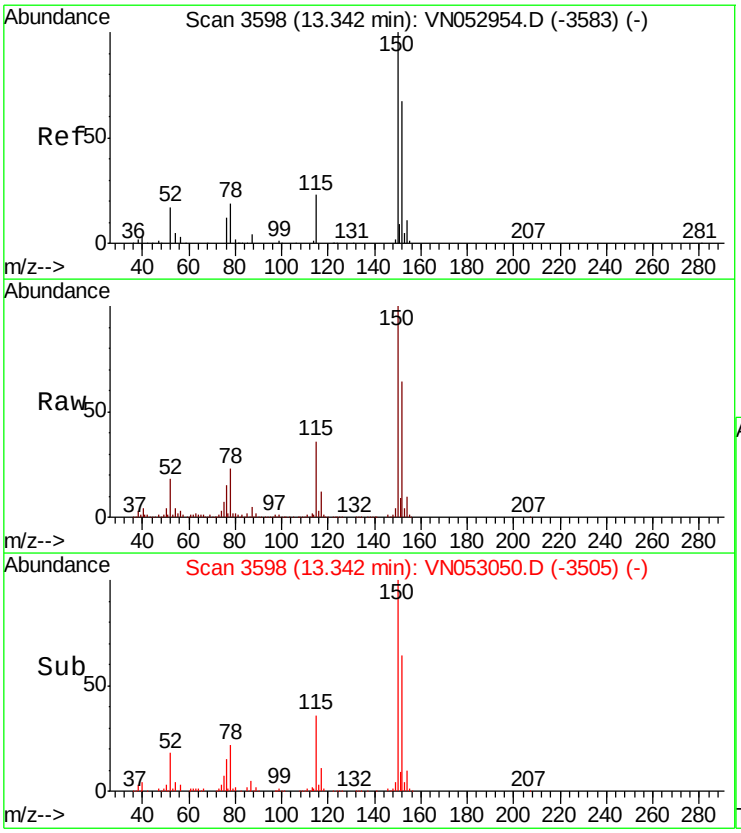
#71
Bromoform
Concen: 0.519 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:173 Resp: 5274

Ion	Ratio	Lower	Upper
173	100		
175	966.9	24.3	72.9#
254	0.0	0.1	0.1#

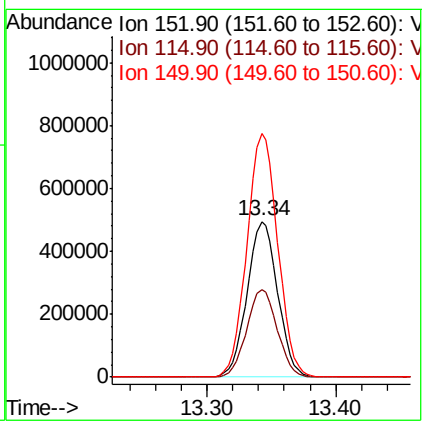


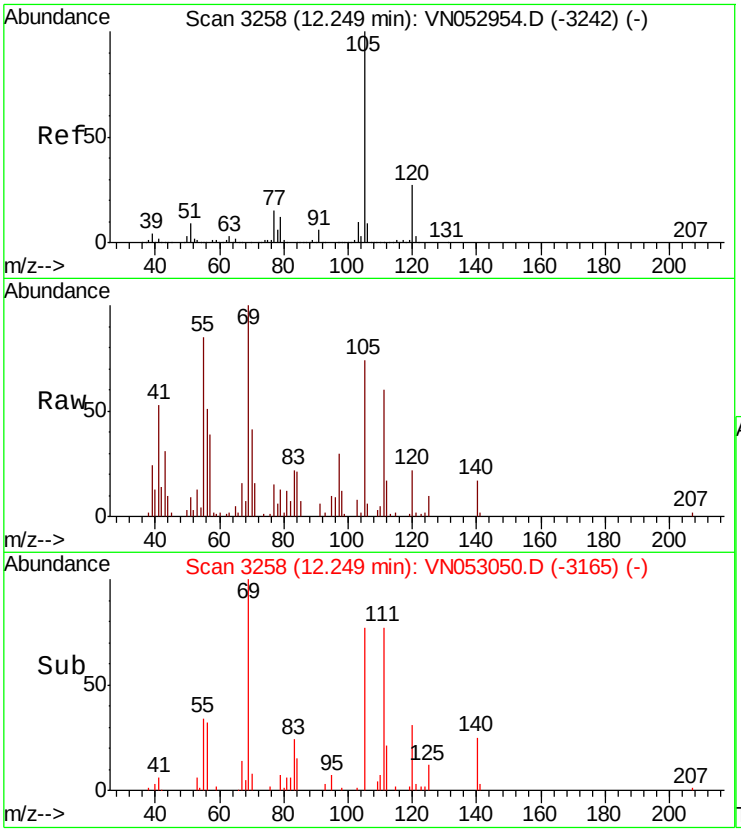


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:152 Resp: 816374

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.3	85.0
150	157.7	0.0	347.8



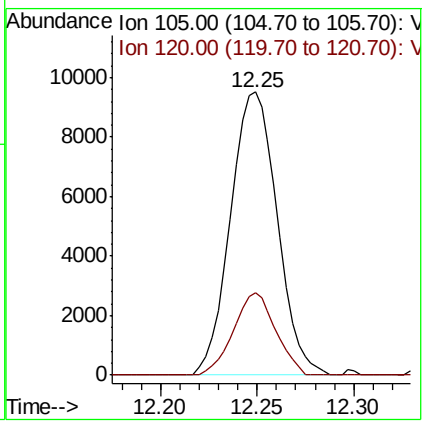


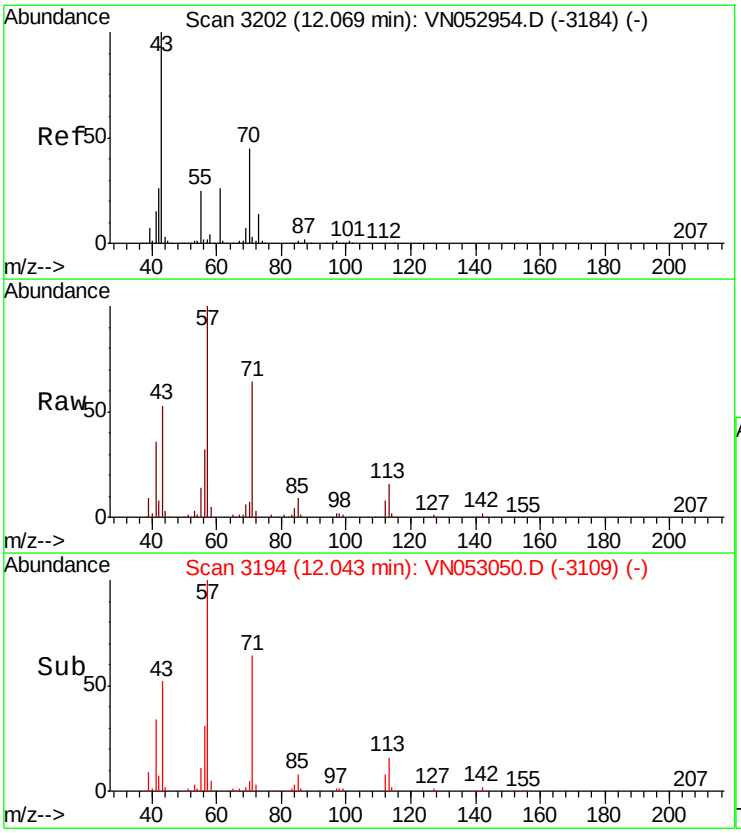
#73
Isopropylbenzene
Concen: 0.250 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:105 Resp: 15965

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.9

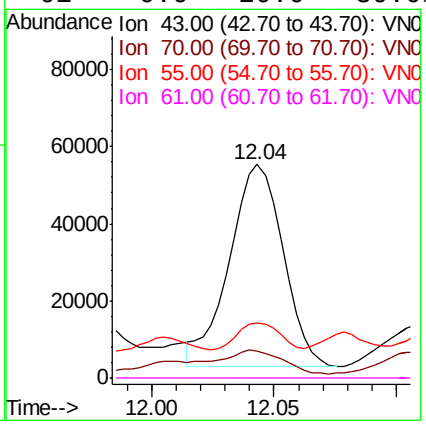


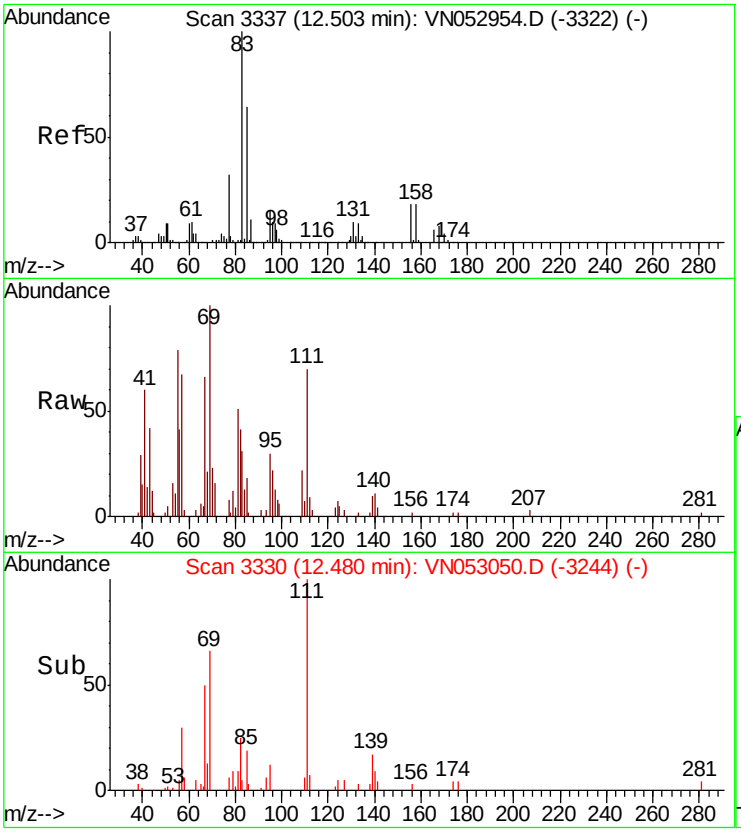


#74
N-amyl acetate
Concen: 4.534 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 43 Resp: 80411

Ion	Ratio	Lower	Upper
43	100		
70	11.7	34.2	51.4#
55	24.1	20.3	30.5
61	0.0	20.0	30.0#



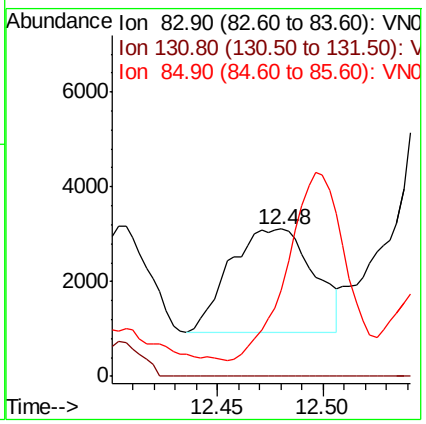


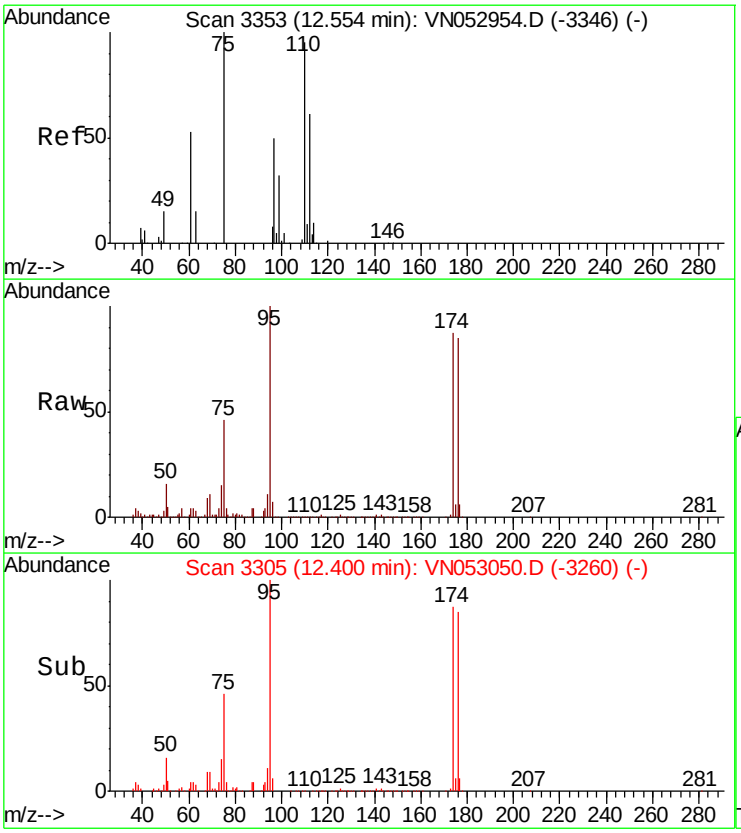
#75
1,1,2,2-Tetrachloroethane
Concen: 0.478 ug/l
RT: 12.48 min Scan# 3330
Delta R.T. -0.02 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 83 Resp: 5991

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	124.5	32.4	97.0#

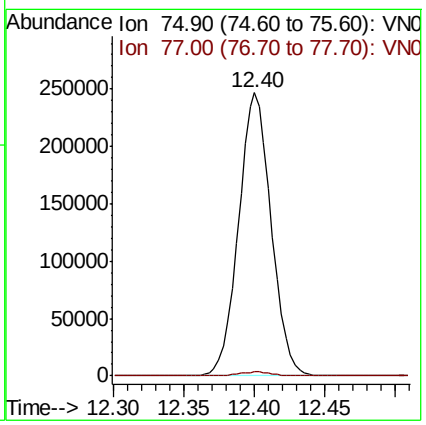


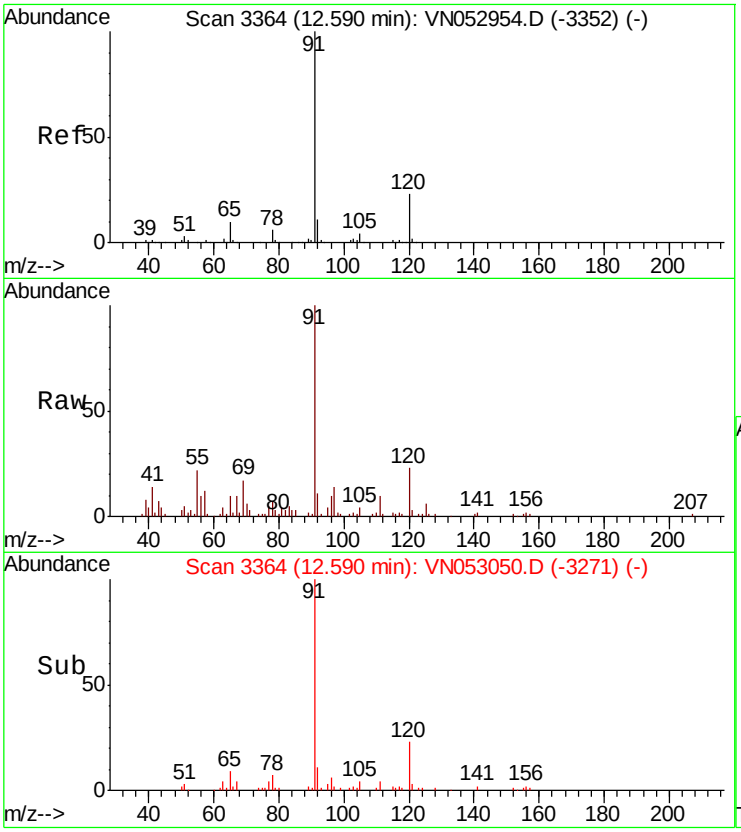


#76
1,2,3-Trichloropropane
Concen: 28.946 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 75 Resp: 397796

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



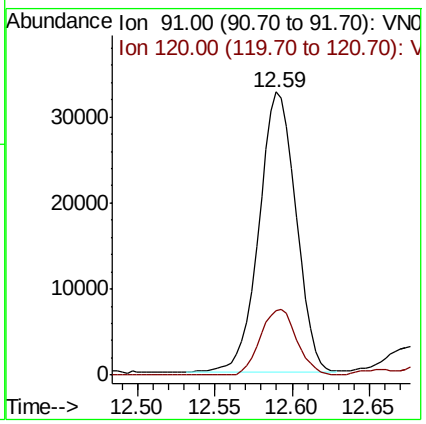


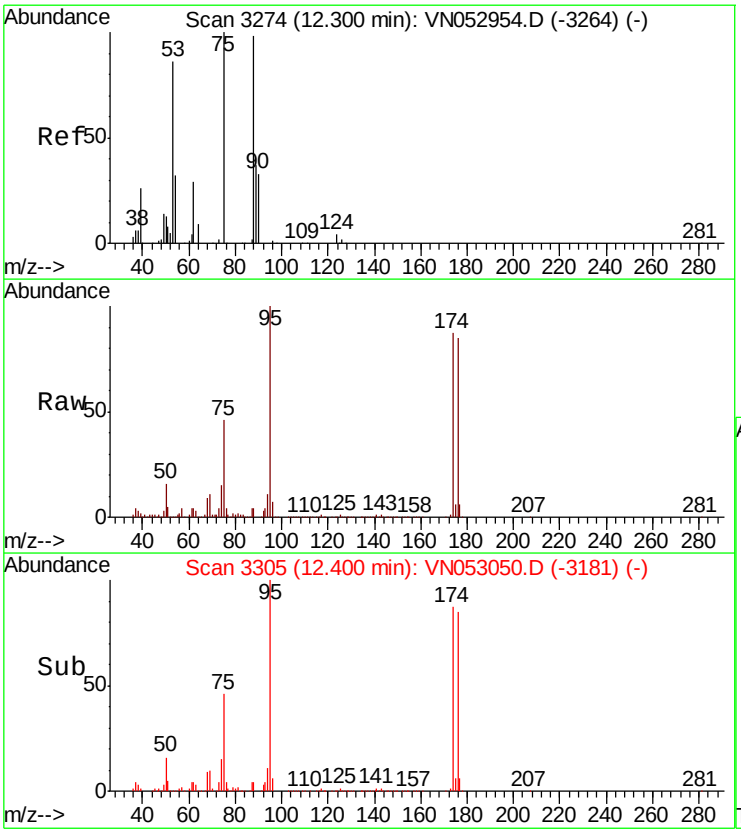
#78
n-propylbenzene
Concen: 0.745 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion: 91 Resp: 54207

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5

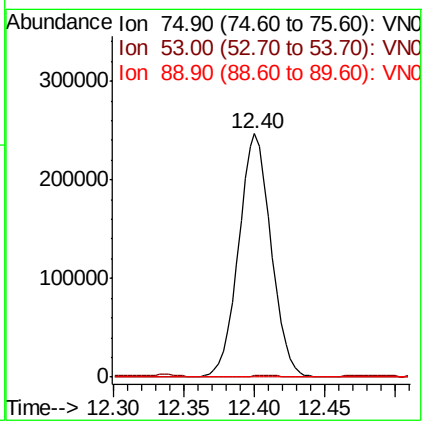


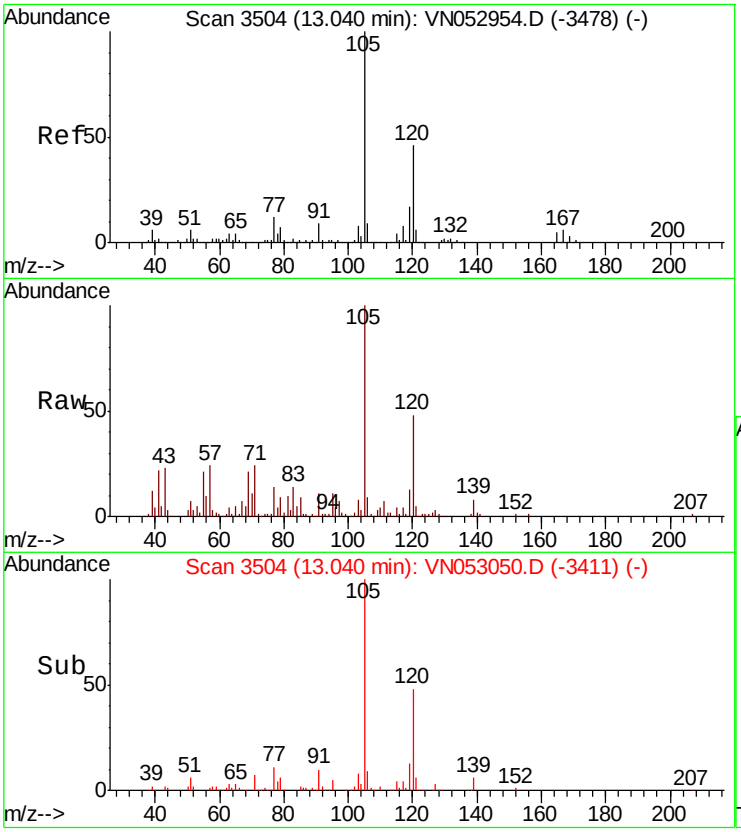


#81
trans-1,4-Dichloro-2-butene
Concen: 93.296 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 75 Resp: 397796

Ion	Ratio	Lower	Upper
75	100		
53	0.4	74.7	112.1#
89	0.0	36.1	54.1#



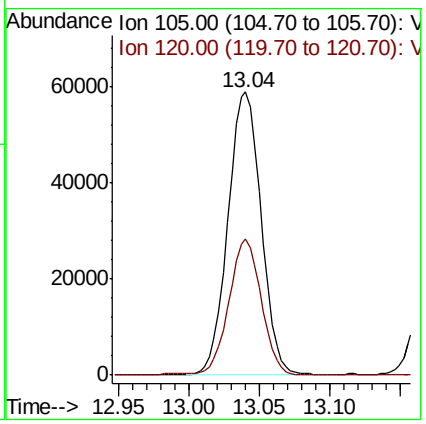


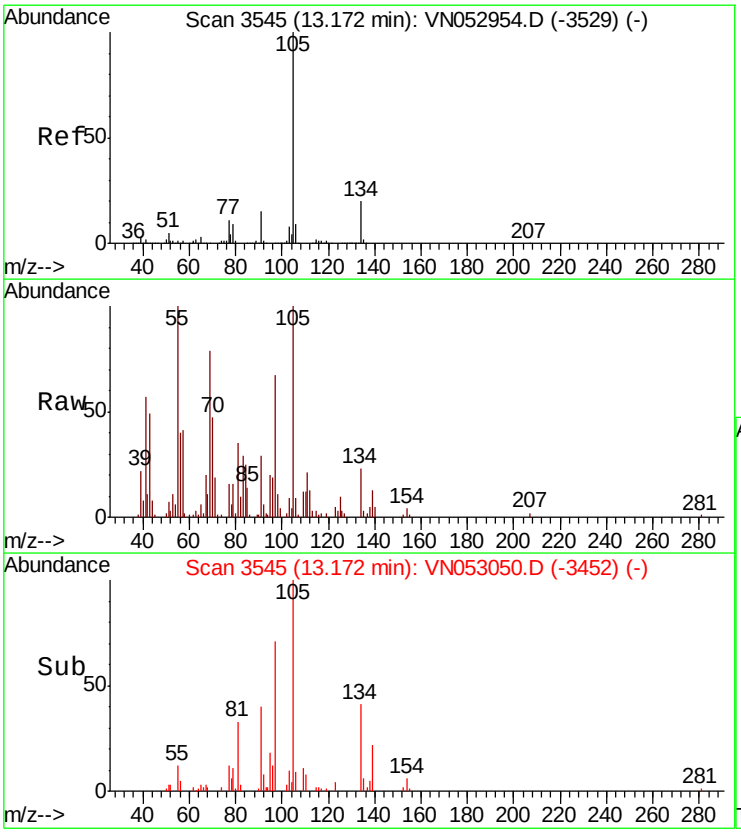
#84
1,2,4-Trimethylbenzene
Concen: 1.855 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:105 Resp: 97083

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.9	68.8

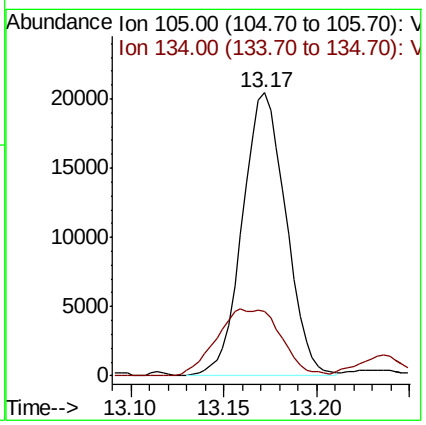


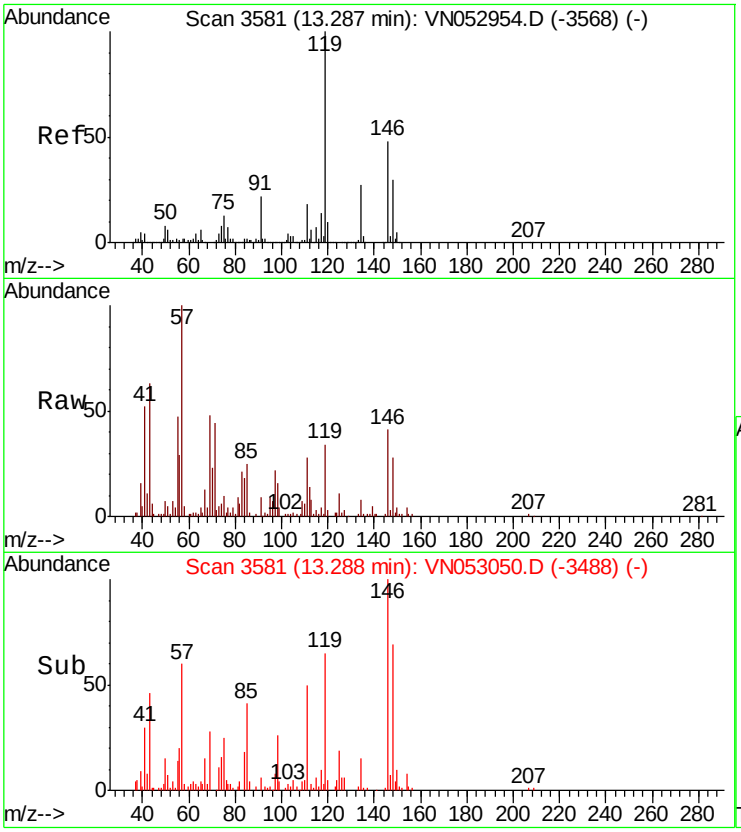


#85
sec-Butylbenzene
Concen: 0.536 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:105 Resp: 33362

Ion	Ratio	Lower	Upper
105	100		
134	34.8	10.1	30.3#



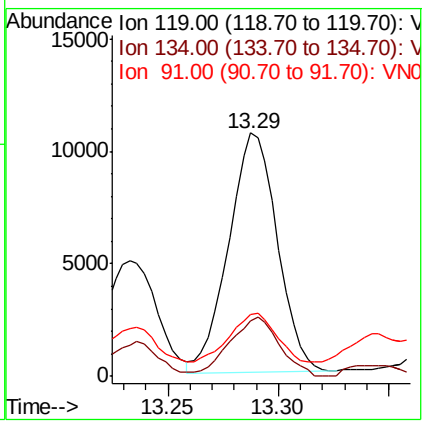


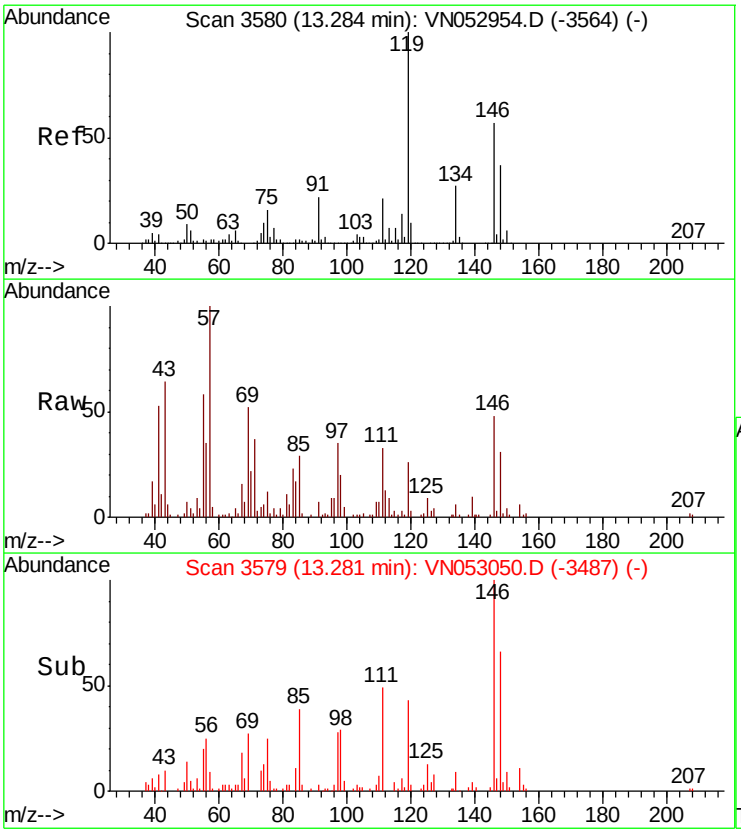
#86
p-Isopropyltoluene
Concen: 0.301 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:119 Resp: 16219

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.4	40.2
91	20.2	11.1	33.3

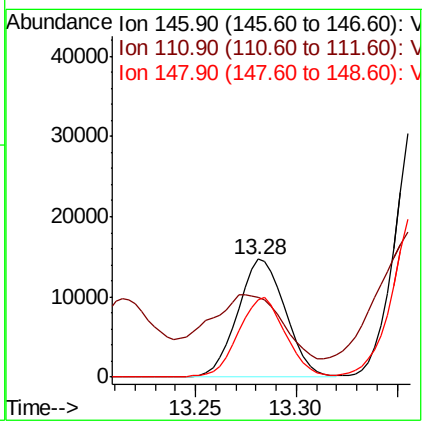


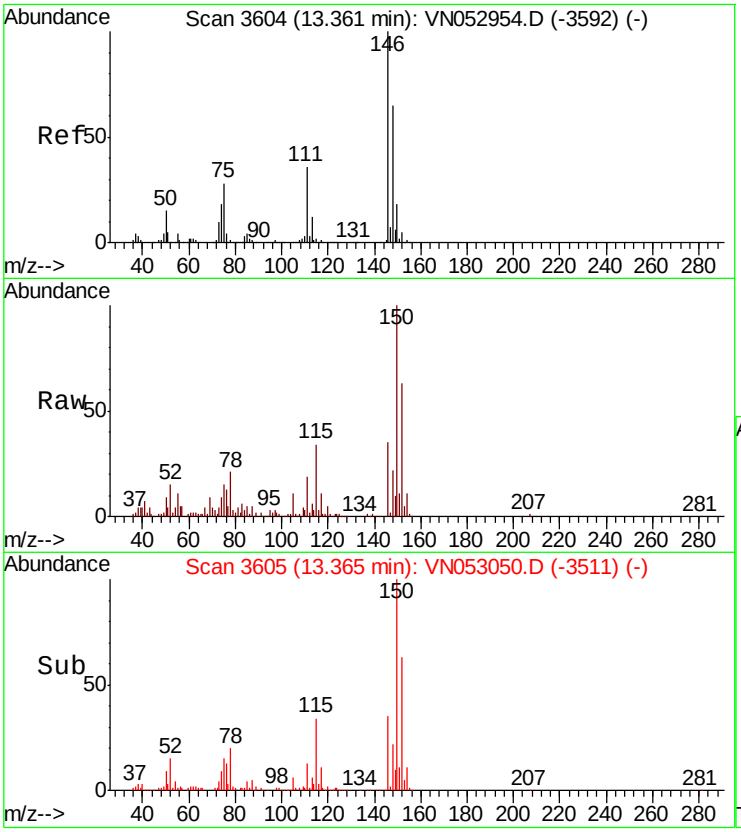


#87
1,3-Dichlorobenzene
Concen: 0.831 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:146 Resp: 24418

Ion	Ratio	Lower	Upper
146	100		
111	79.6	19.1	57.1#
148	66.9	32.0	96.0



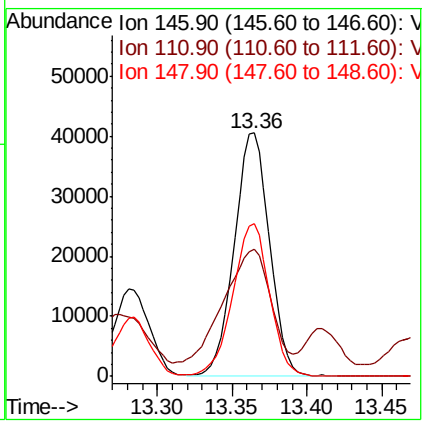


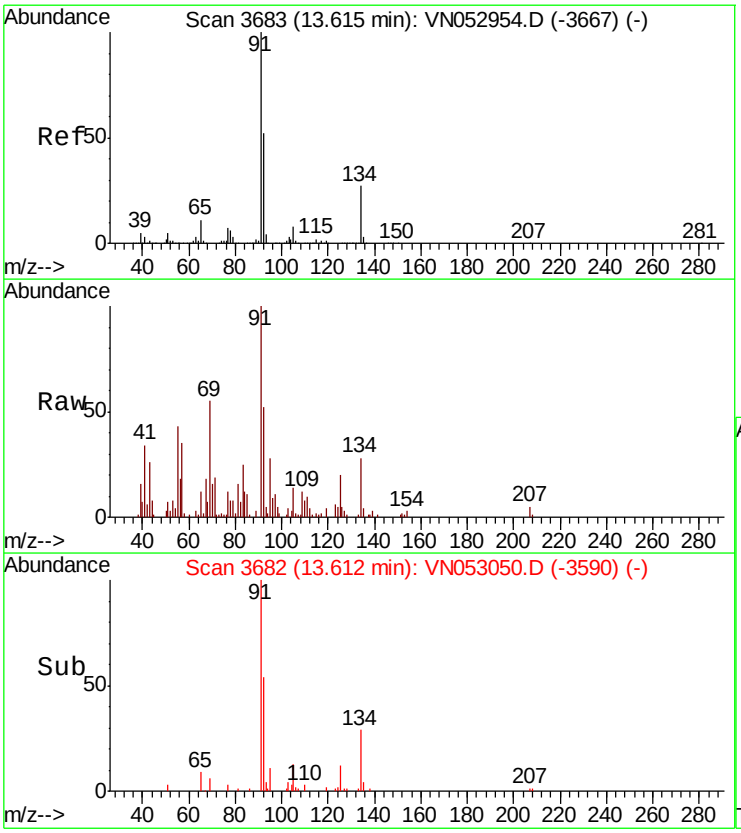
#88
1,4-Dichlorobenzene
Concen: 2.237 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:146 Resp: 66585

Ion	Ratio	Lower	Upper
146	100		
111	60.0	18.6	55.8#
148	65.4	32.1	96.5

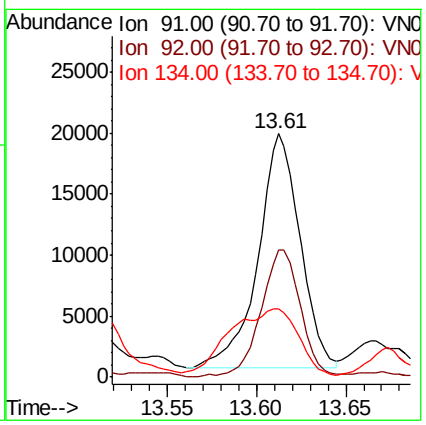


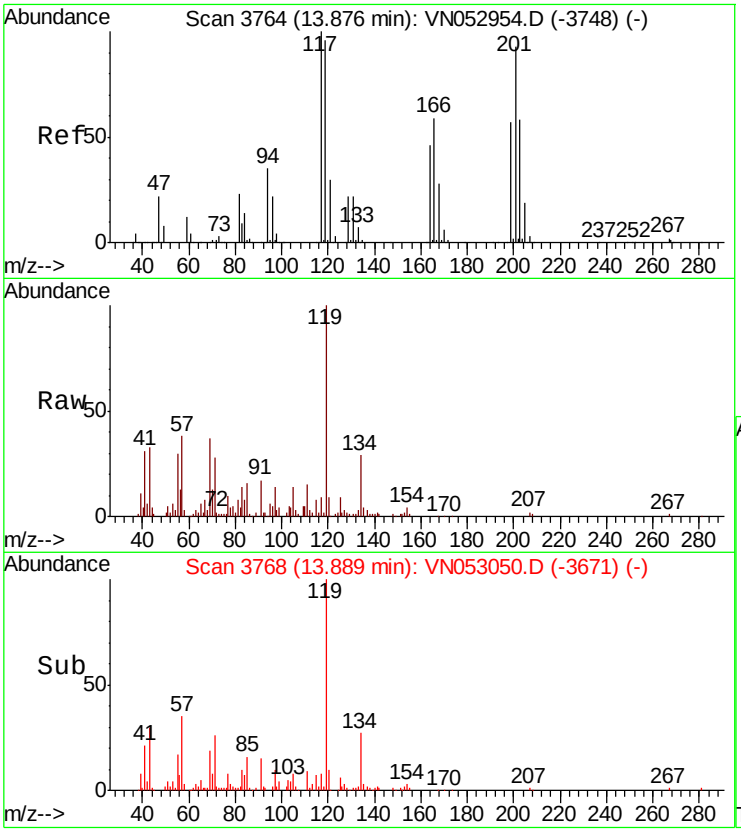


#89
n-Butylbenzene
Concen: 0.681 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion: 91 Resp: 31512

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.3	78.9
134	45.2	13.3	39.8#



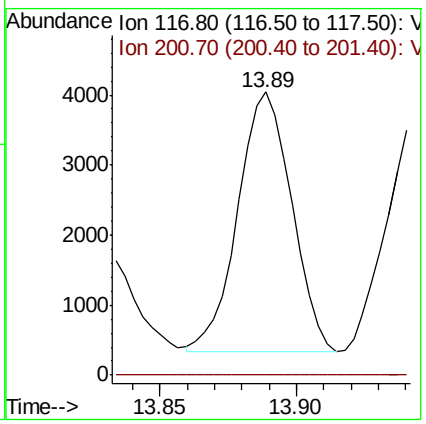


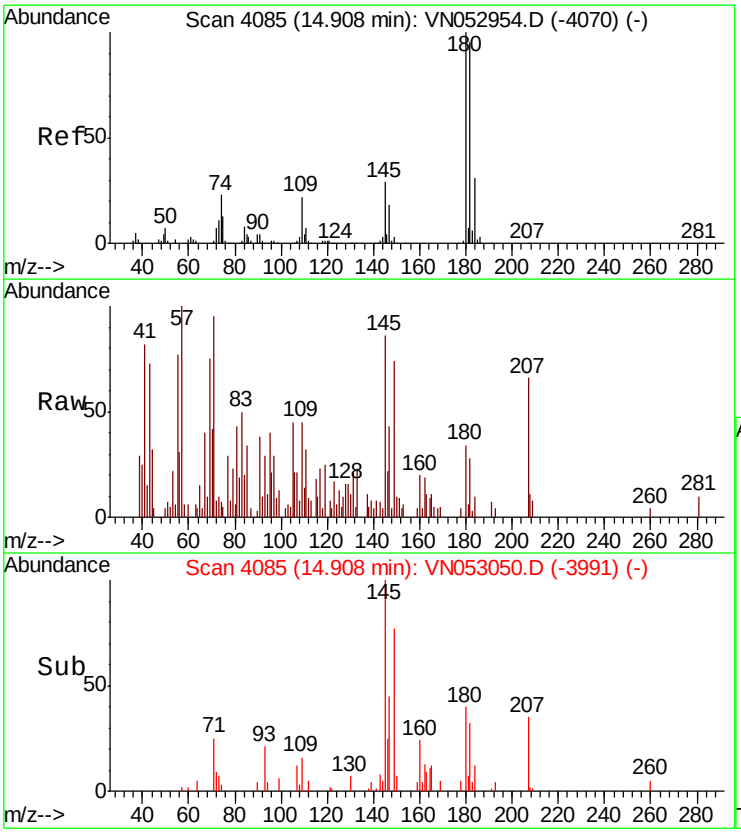
#90
Hexachloroethane
Concen: 0.612 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:117 Resp: 5056

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.7	137.1#

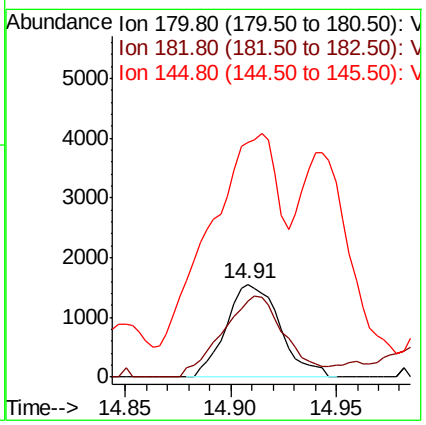


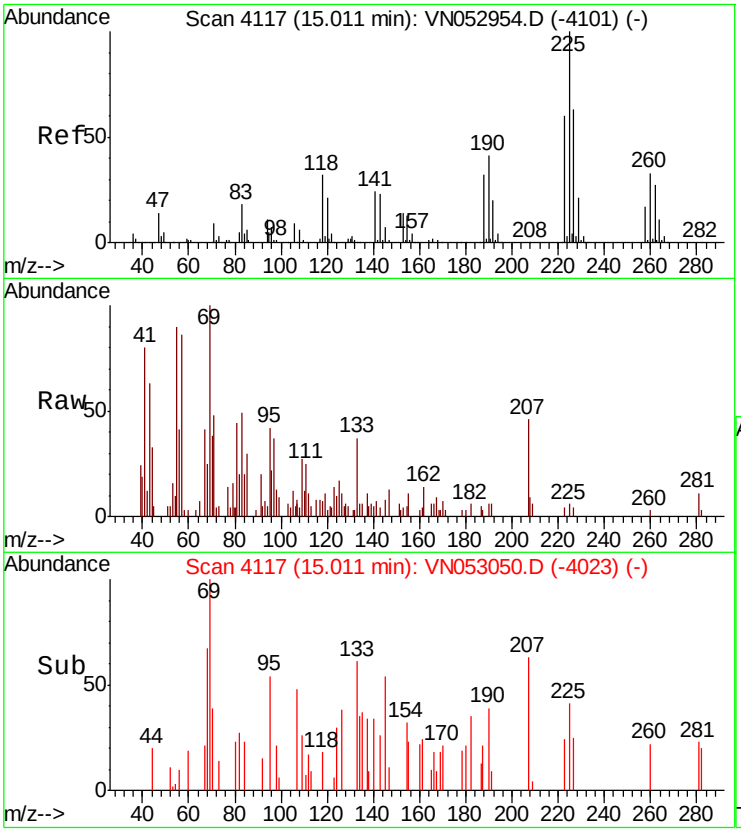


#93
1,2,4-Trichlorobenzene
Concen: 0.782 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:180 Resp: 2756

Ion	Ratio	Lower	Upper
180	100		
182	102.2	47.8	143.3
145	355.9	14.2	42.6#



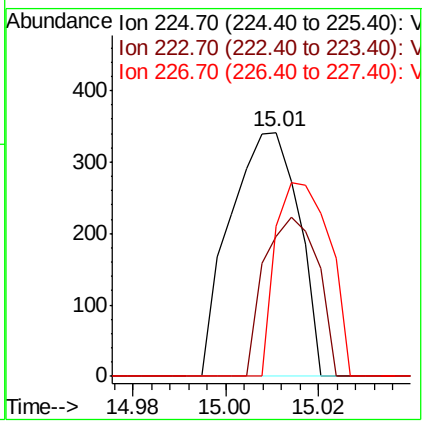


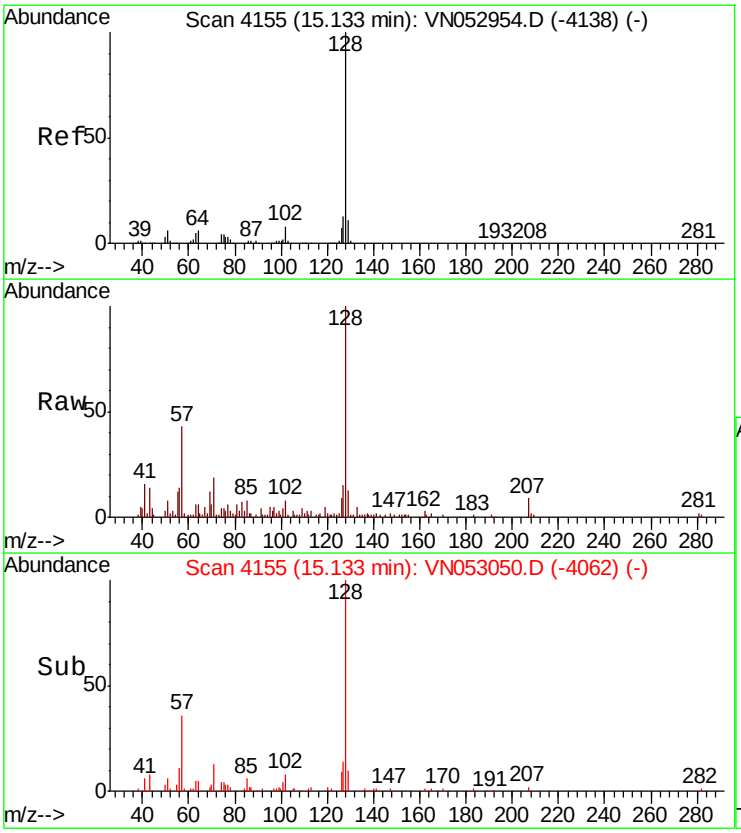
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:225 Resp: 352

Ion	Ratio	Lower	Upper
225	100		
223	51.1	31.5	94.5
227	62.8	31.9	95.7

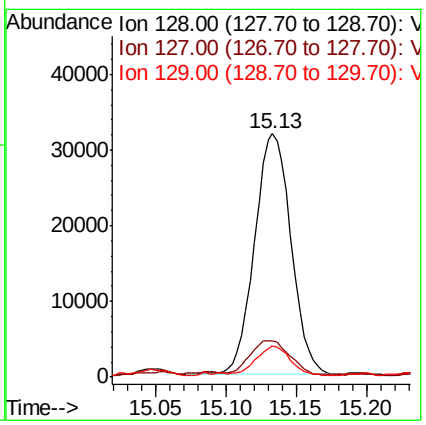


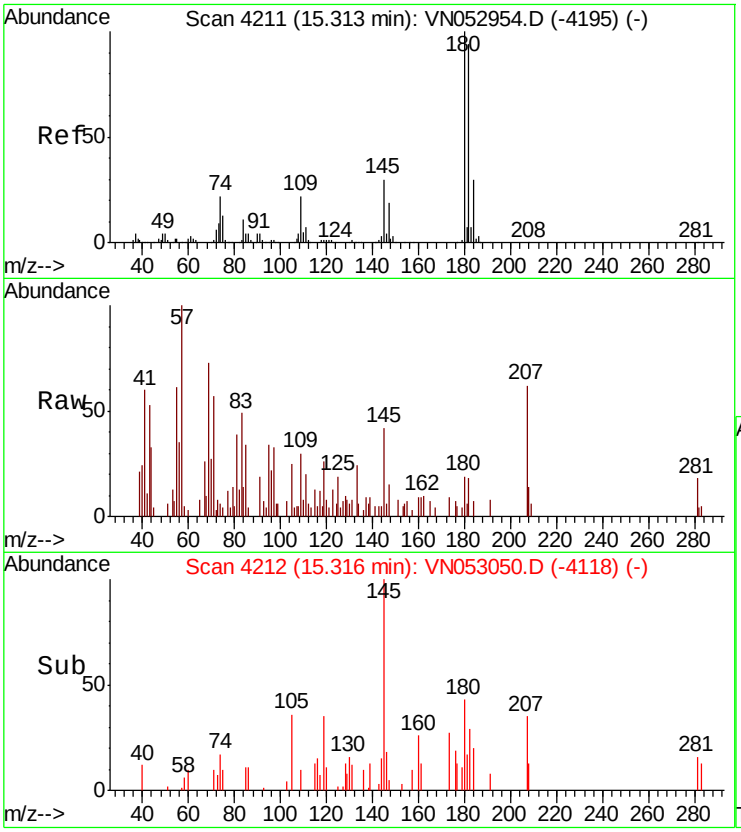


#95
Naphthalene
Concen: 2.897 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Tgt Ion:128 Resp: 57501

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.4#
129	11.2	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.702 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053050.D
Acq: 20 Dec 2018 12:21

Instrument :
MSVOA_N
ClientSampleId :
MIHPT-20(17-20)MEDL

Tgt Ion:180 Resp: 2582

Ion	Ratio	Lower	Upper
180	100		
182	81.4	47.9	143.7
145	119.3	15.0	45.0#