Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053020.D
Acq On : 19 Dec 2018 19:17
Operator : MD\SY
Sample : J6378-15ME
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:24:07 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	7.66	168	1265655	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	1891524	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1648512	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	684169	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.02	65	584766	45.53	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.06%			
35) Dibromofluoromethane	7.59	113	449603	52.03	ug/l		0.00
Spiked Amount 50.000			Recovery =	104.06%			
50) Toluene-d8	10.09	98	2350693	50.68	ug/l		0.00
Spiked Amount 50.000			Recovery =	101.36%			
62) 4-Bromofluorobenzene	12.40	95	722401	44.36	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.72%			
Target Compounds							Qvalue
5) Bromomethane	2.52	94	2383	0.219	ug/l		94
13) Acrolein	3.61	56	305	0.429	ug/l	#	27
14) Allyl chloride	4.59	41	395338	21.157	ug/l	#	56
15) Acrylonitrile	5.05	53	45504	10.452	ug/l	#	34
16) Acetone	3.82	43	8264	3.282	ug/l	#	88
18) Methyl Acetate	4.32	43	35563	4.042	ug/l		99
20) Methylene Chloride	4.56	84	6207	0.452	ug/l	#	1
25) 2-Butanone	6.82	43	10460	2.475	ug/l	#	49
31) Cyclohexane	7.65	56	207705	8.471	ug/l	#	93
36) 1,1-Dichloropropene	7.66	75	81762	4.503	ug/l	#	51
37) Ethyl Acetate	6.82	43	10460	1.032	ug/l	#	76
38) Carbon Tetrachloride	7.66	117	109678	6.591	ug/l	#	16
39) Methylcyclohexane	9.08	83	492060	22.311	ug/l		100
43) Isopropyl Acetate	8.15	43	50663	1.571	ug/l	#	53
45) 1,2-Dichloropropane	9.08	63	3776	0.268	ug/l	#	1
48) Methyl methacrylate	9.27	41	11987	1.219	ug/l	#	38
51) 4-Methyl-2-Pentanone	10.08	43	16836	1.715	ug/l	#	1
52) Toluene	10.16	92	25043	0.748	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	42653	3.653	ug/l	#	20
56) Ethyl methacrylate	10.43	69	14687	0.950	ug/l	#	19
59) 2-Hexanone	10.72	43	96791	14.575	ug/l	#	29
65) Chlorobenzene	11.43	112	391229	10.706	ug/l		99
67) Ethyl Benzene	11.51	91	645321	10.269	ug/l		99
68) m/p-Xylenes	11.62	106	14253353	596.608	ug/l	#	1
69) o-Xylene	11.95	106	238516	10.404	ug/l		100
70) Styrene	11.95	104	13847	0.370	ug/l	#	1
71) Bromoform	12.41	173	5094	0.555	ug/l	#	1
73) Isopropylbenzene	12.25	105	249745	4.665	ug/l		100
74) N-amyl acetate	12.04	43	60051	4.041	ug/l	#	56
75) 1,1,2,2-Tetrachloroethane	12.56	83	16769	1.597	ug/l	#	71
76) 1,2,3-Trichloropropane	12.40	75	383461	33.294	ug/l	#	100
77) Bromobenzene	12.55	156	16680	1.199	ug/l	#	1
78) n-propylbenzene	12.59	91	465971	7.643	ug/l		99
79) 2-Chlorotoluene	12.65	91	136088	3.601	ug/l	#	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053020.D
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Operator : MD\SY
Sample : J6378-15ME
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:24:07 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)
80) 1,3,5-Trimethylbenzene	12.73	105	574637	13.170 ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	383461	107.312 ug/l #	14
82) 4-Chlorotoluene	12.73	91	59470	1.608 ug/l #	43
83) tert-Butylbenzene	13.04	119	196824	5.101 ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	1589492	36.238 ug/l	100
85) sec-Butylbenzene	13.17	105	63031	1.208 ug/l #	69
86) p-Isopropyltoluene	13.29	119	427339	9.475 ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	77065	3.129 ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	766565	30.736 ug/l	98
89) n-Butylbenzene	13.61	91	92236	2.377 ug/l #	77
90) Hexachloroethane	13.89	117	34388	4.969 ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	20602	0.889 ug/l #	28
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2802	1.543 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	7942	1.235 ug/l #	1
94) Hexachlorobutadiene	15.01	225	2118	Below Cal	91
95) Naphthalene	15.13	128	898639	33.787 ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	12290	1.608 ug/l #	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
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Operator : MD\SY
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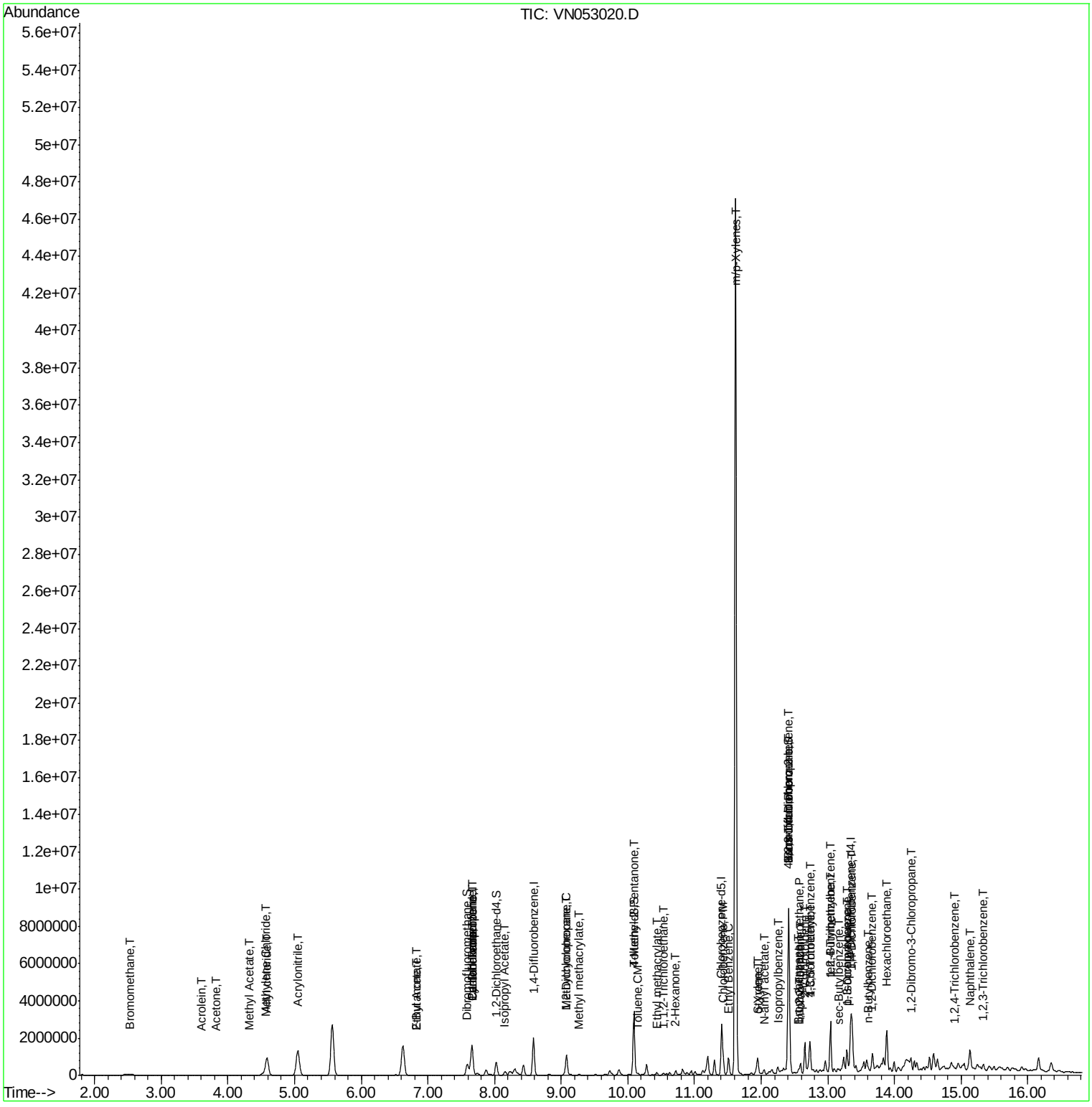
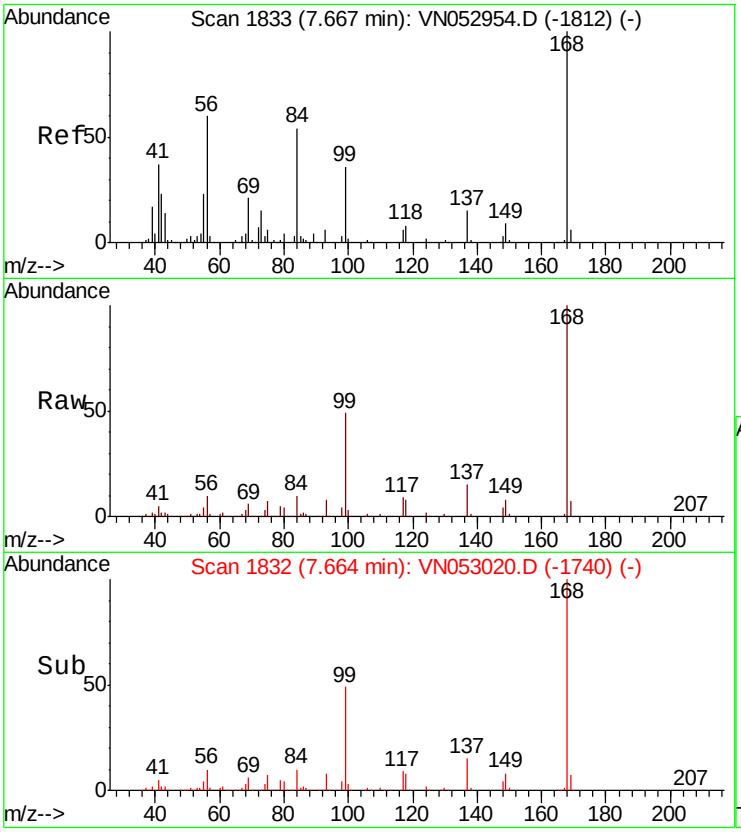
Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:24:07 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

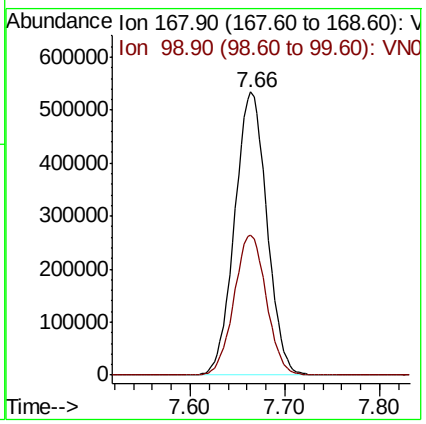




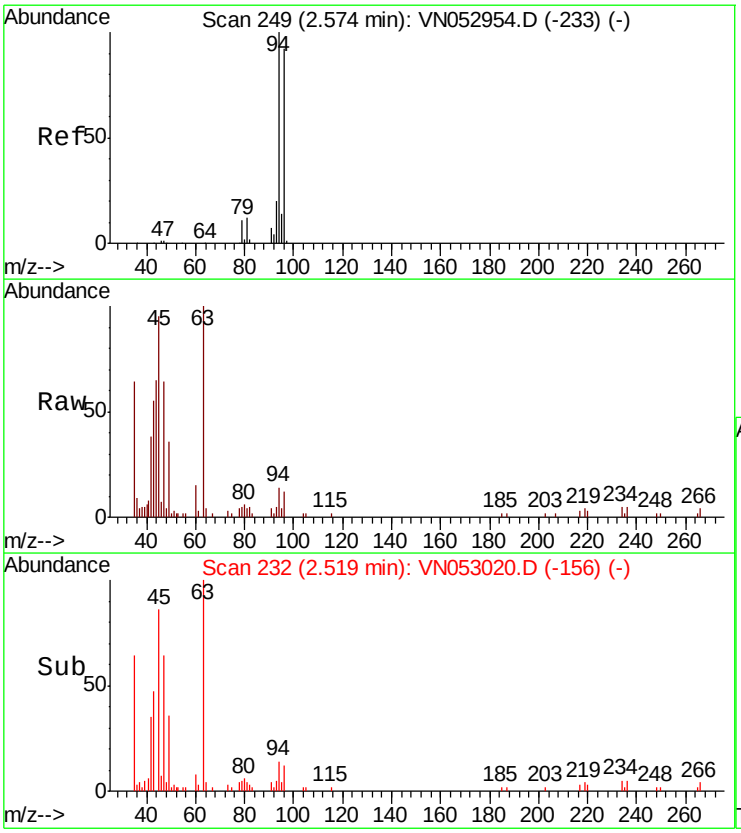
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:168 Resp: 1265655

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.2	60.2



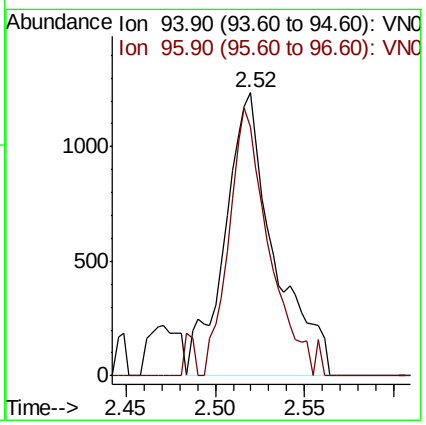
Instrument :
MSVOA_N
ClientSampleId :

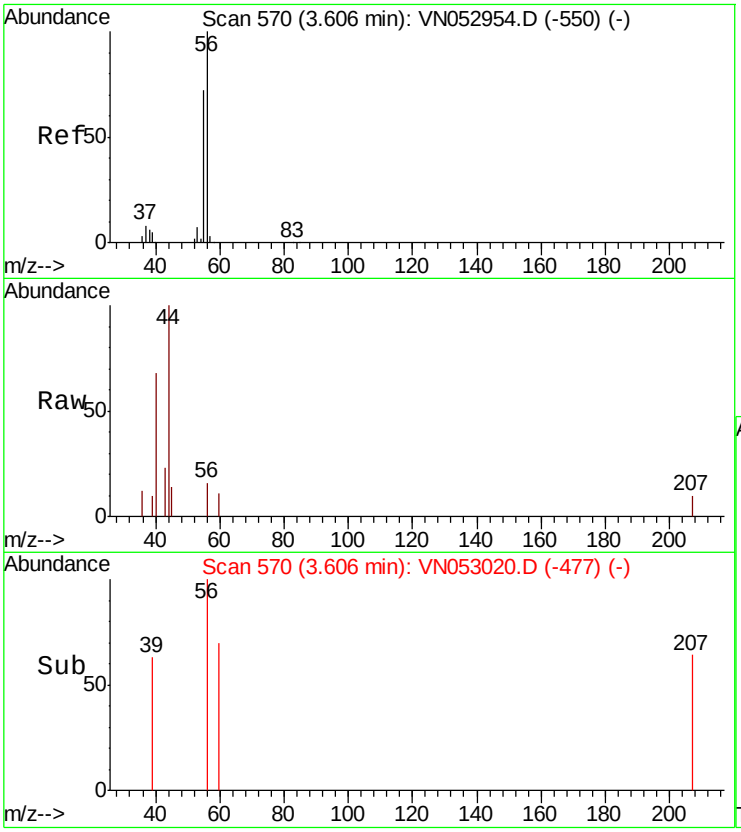


#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.05 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 94 Resp: 2383

Ion	Ratio	Lower	Upper
94	100		
96	88.1	75.0	112.4



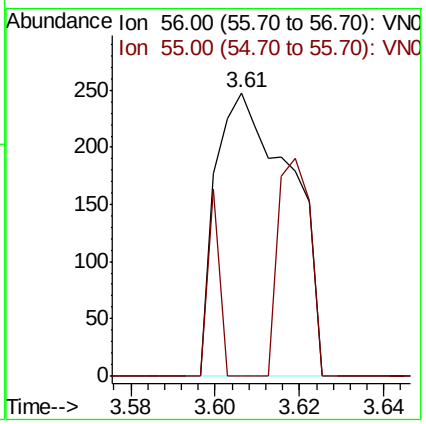


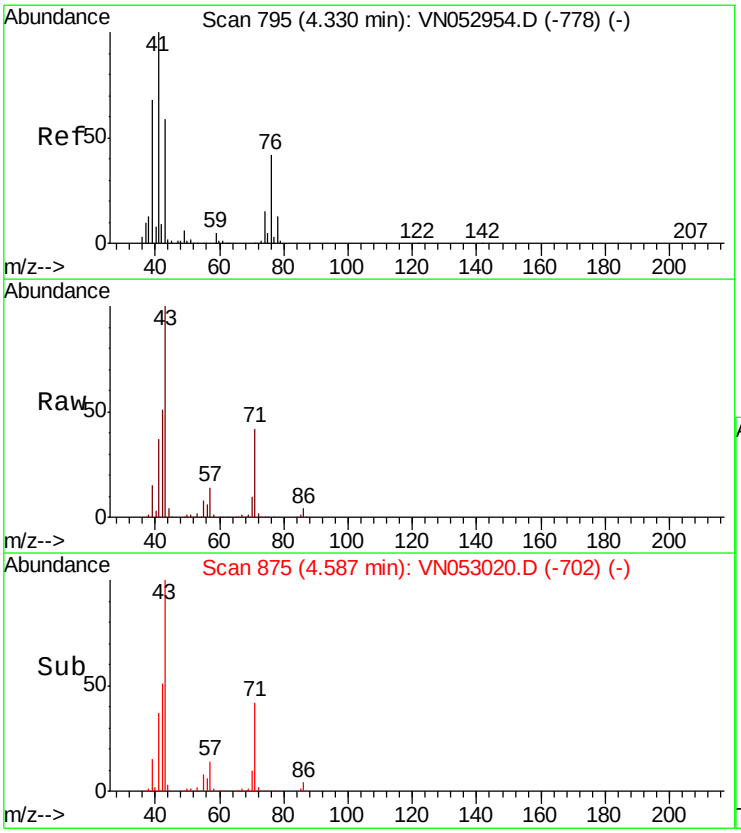
#13
Acrolein
Concen: 0.429 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 305

Ion	Ratio	Lower	Upper
56	100		
55	10.5	56.6	85.0#

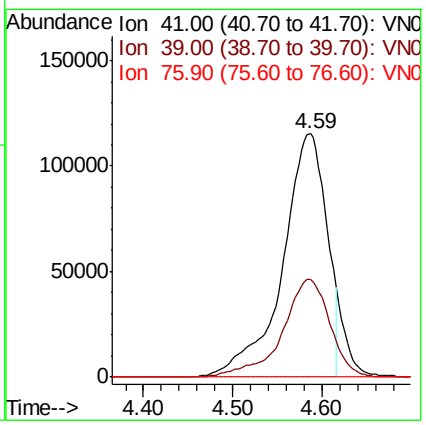


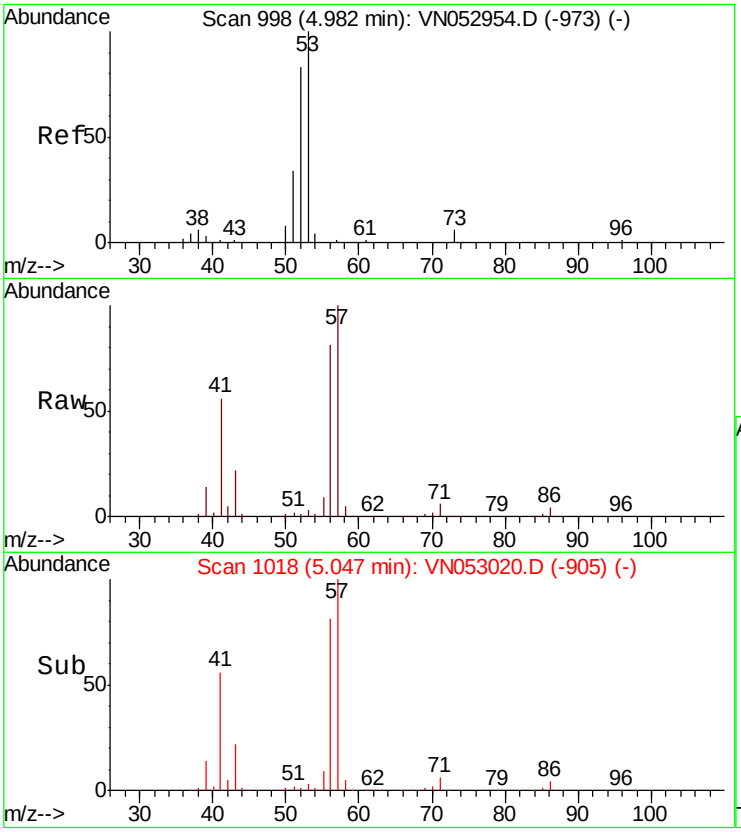


#14
Allyl chloride
Concen: 21.157 ug/l
RT: 4.59 min Scan# 875
Delta R.T. 0.26 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 41 Resp: 395338

Ion	Ratio	Lower	Upper
41	100		
39	40.7	54.1	81.1#
76	0.0	30.3	45.5#



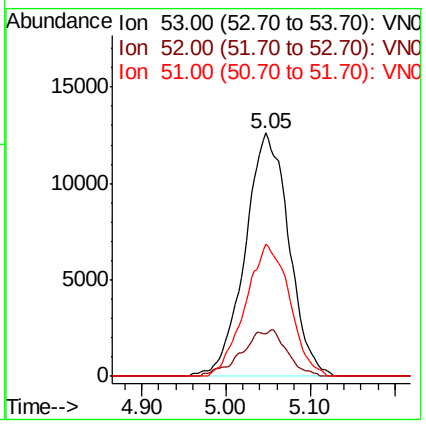


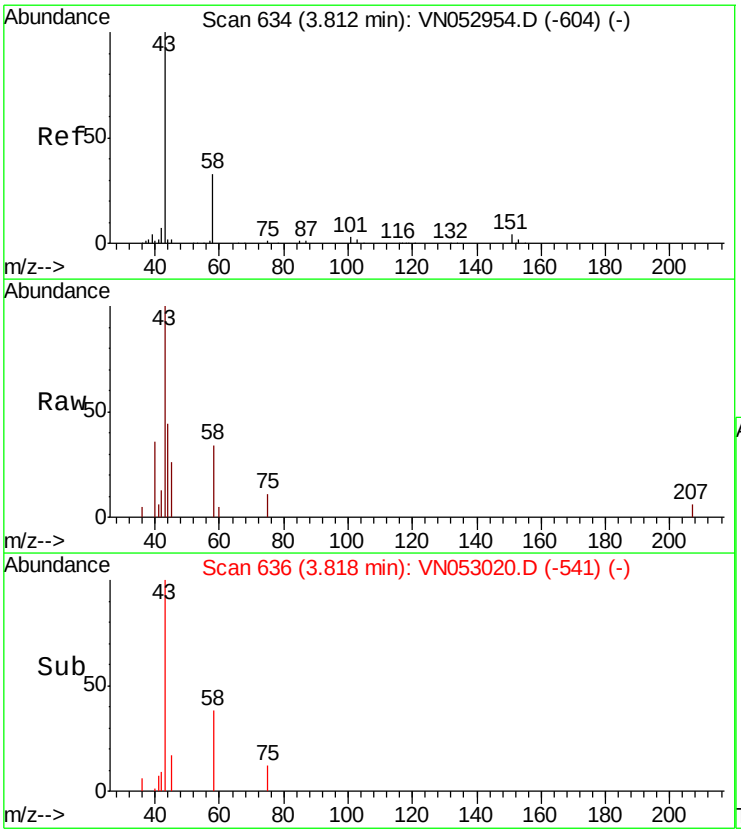
#15
Acrylonitrile
Concen: 10.452 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.06 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 45504

Ion	Ratio	Lower	Upper
53	100		
52	10.7	65.1	97.7#
51	54.9	28.1	42.1#

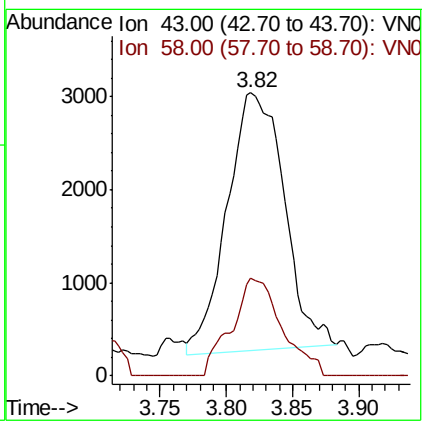


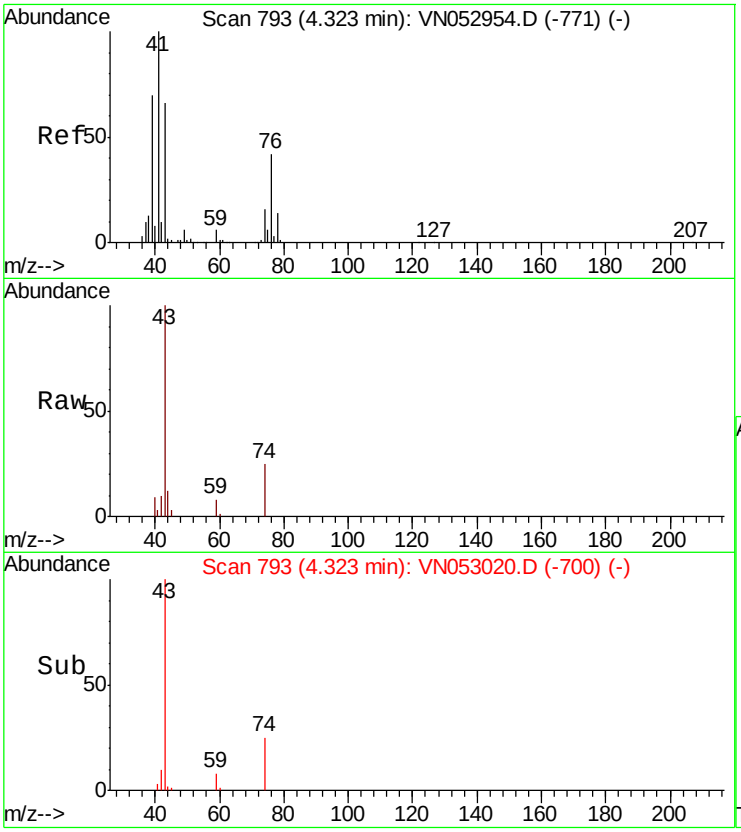


#16
Acetone
Concen: 3.282 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 43 Resp: 8264

Ion	Ratio	Lower	Upper
43	100		
58	38.5	25.4	38.0#



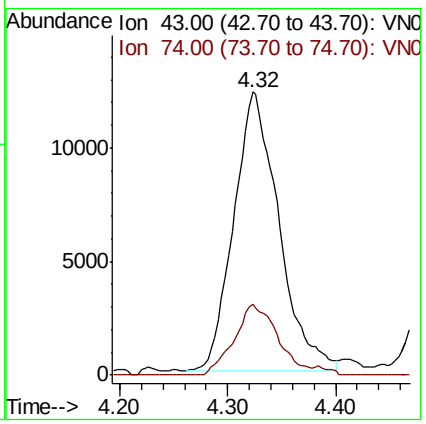


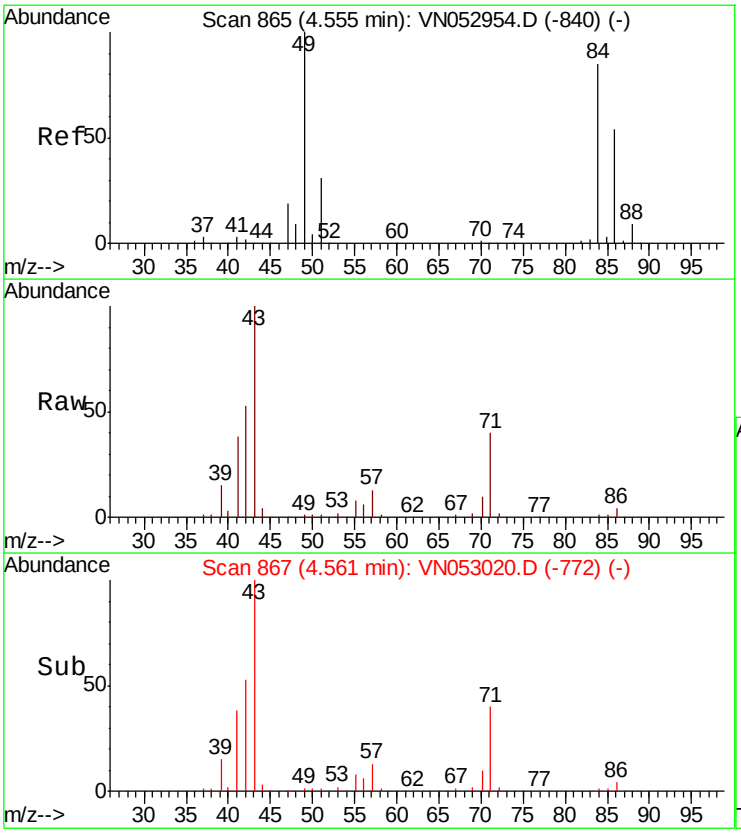
#18
Methyl Acetate
Concen: 4.042 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 35563

Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.2	28.8

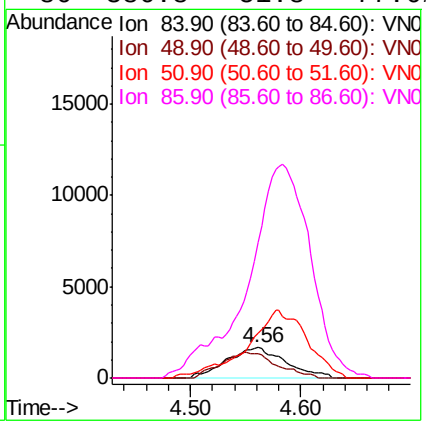


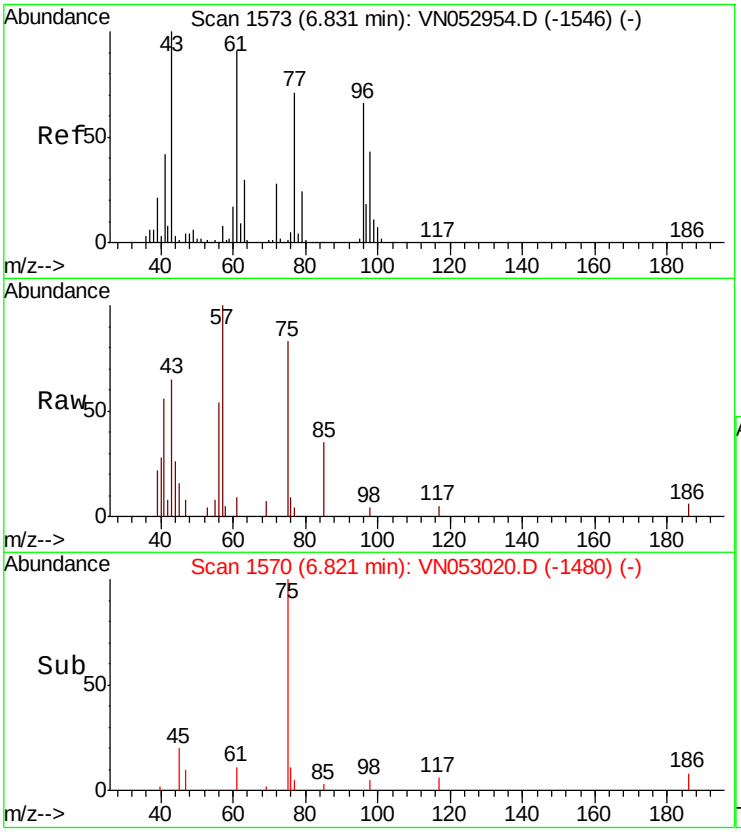


#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 84 Resp: 6207

Ion	Ratio	Lower	Upper
84	100		
49	79.9	96.8	145.2#
51	136.8	29.9	44.9#
86	386.8	51.8	77.6#



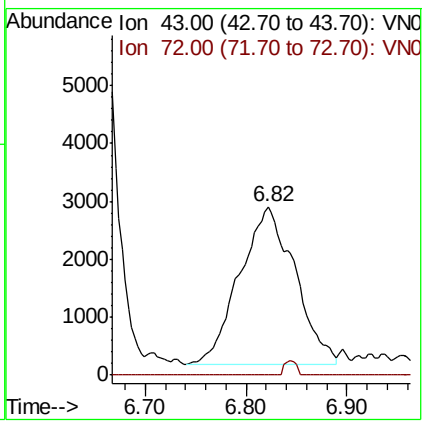


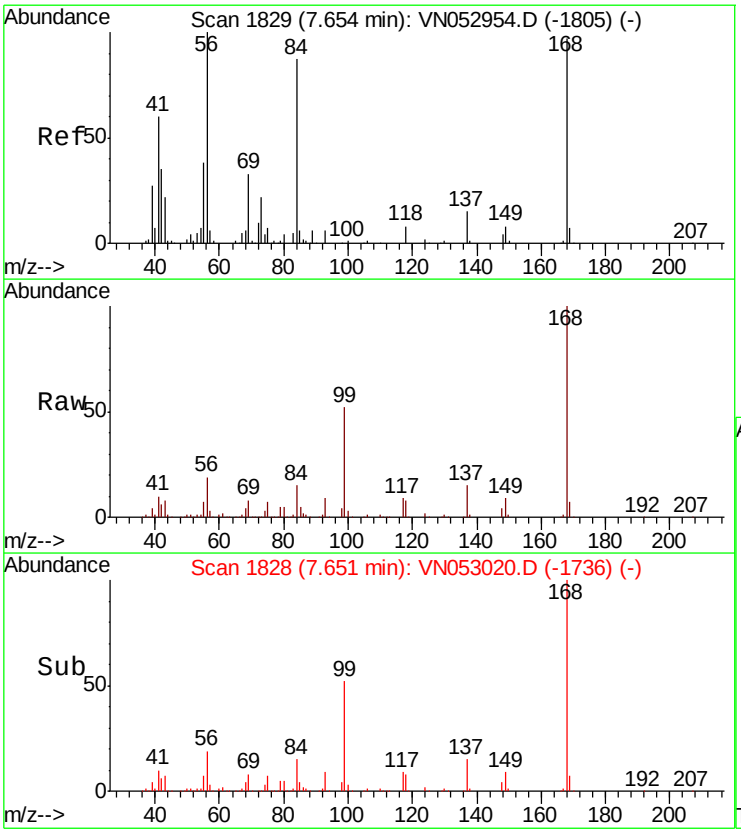
#25
2-Butanone
Concen: 2.475 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10460

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#

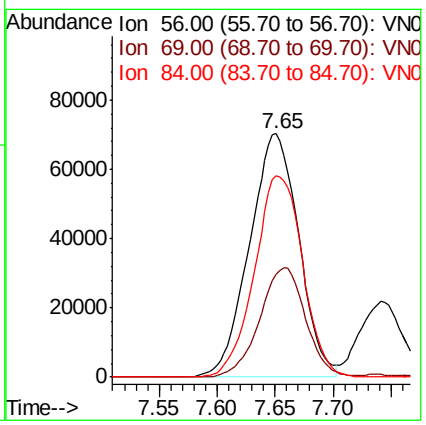


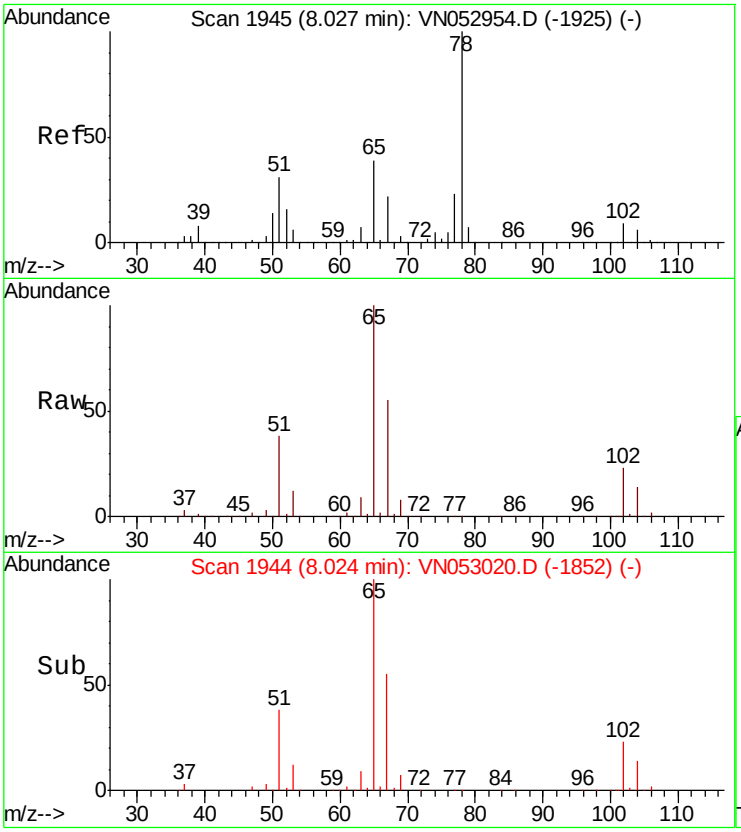


#31
Cyclohexane
Concen: 8.471 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 56 Resp: 207705

Ion	Ratio	Lower	Upper
56	100		
69	42.2	26.6	39.8#
84	82.8	68.4	102.6



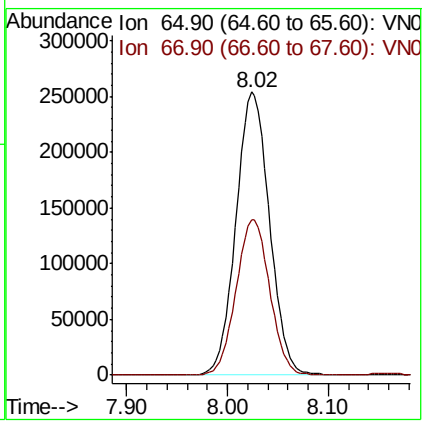


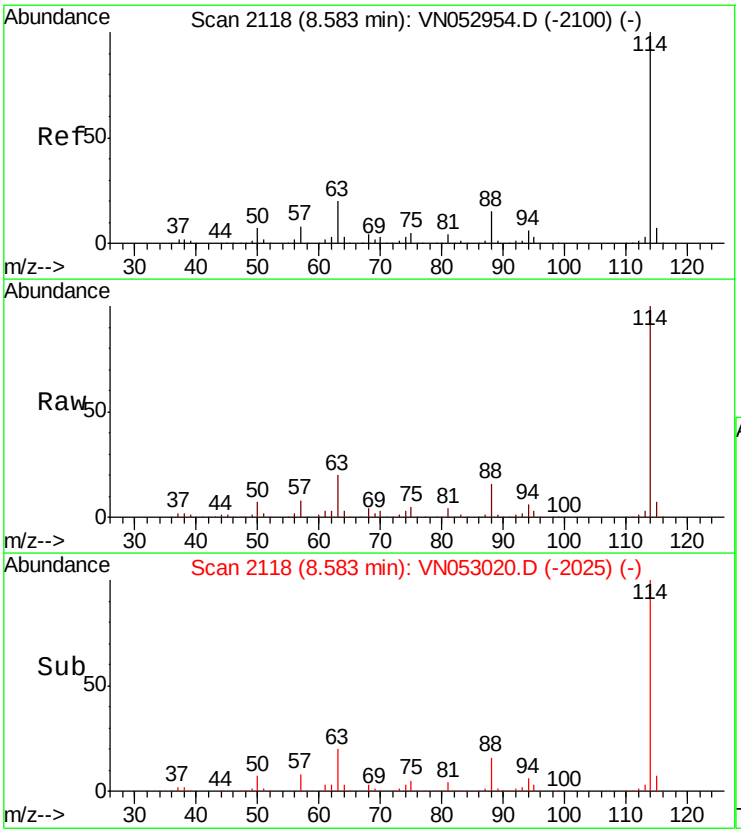
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 584766

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.4

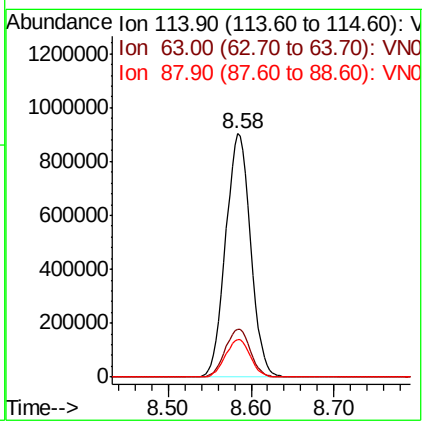


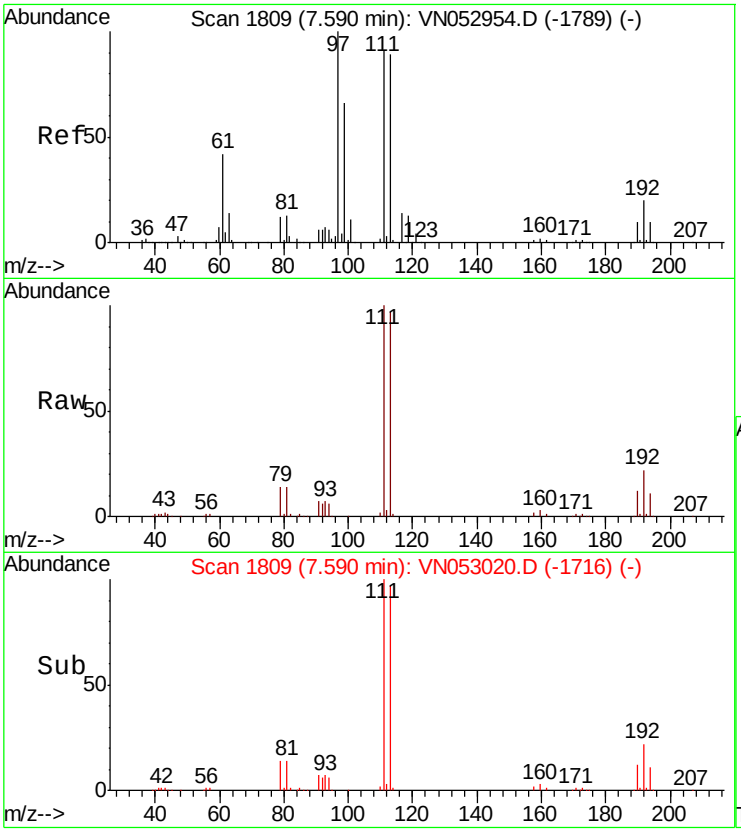


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:114 Resp: 1891524

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.6	0.0	31.0



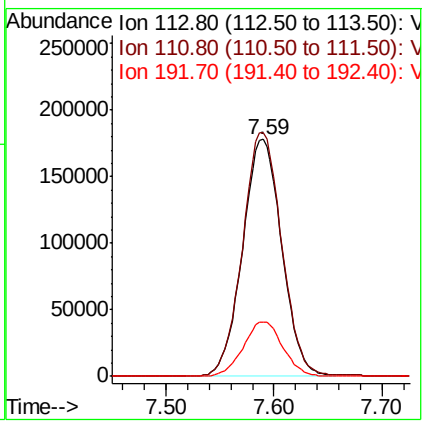


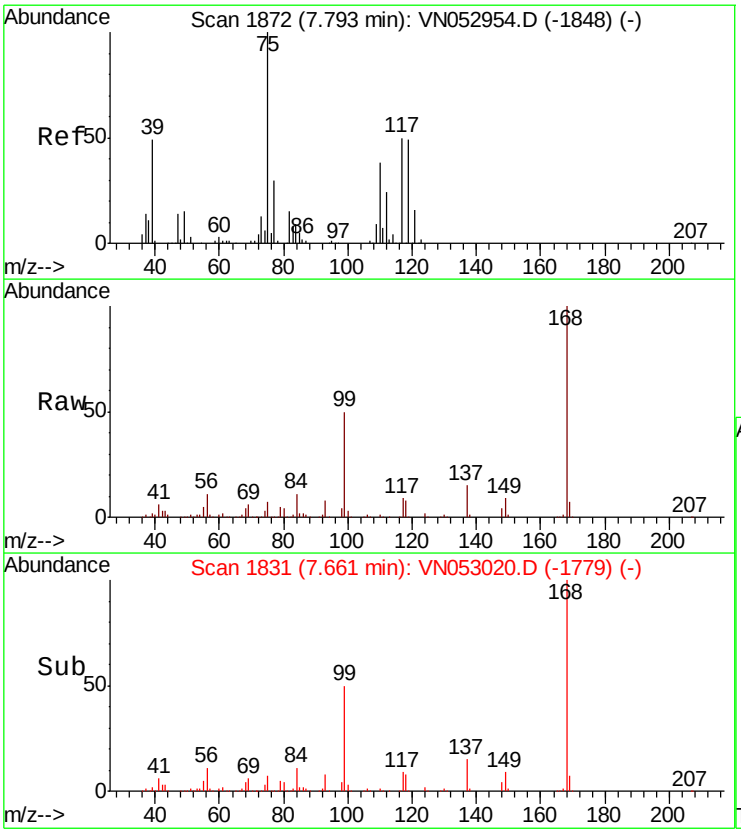
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 449603

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	23.1	17.5	26.3

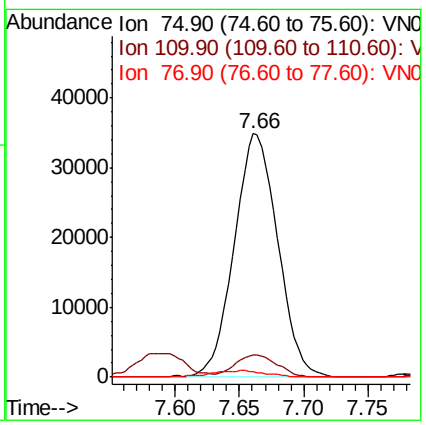


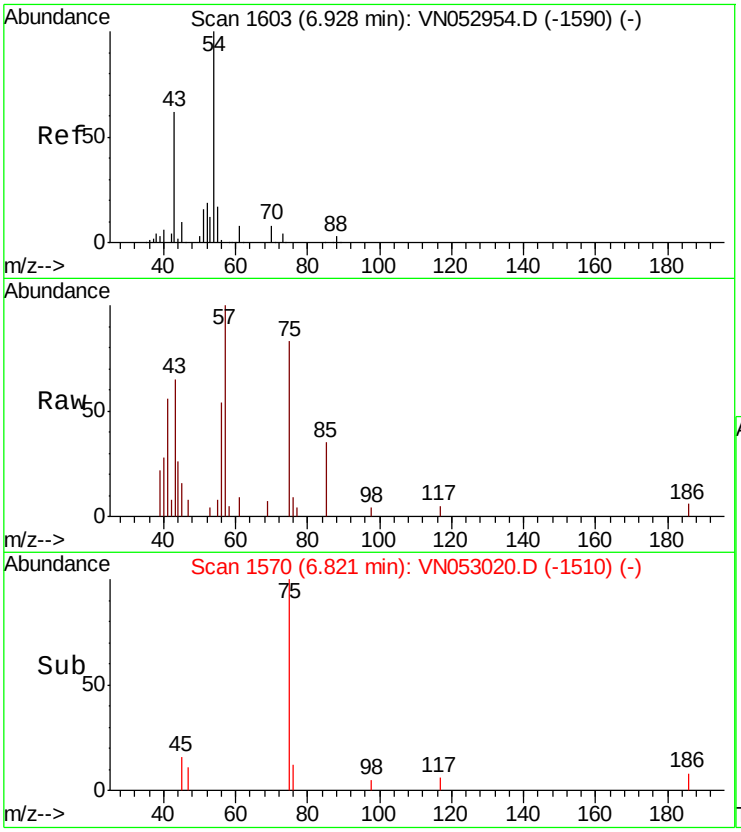


#36
1,1-Dichloropropene
Concen: 4.503 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 75 Resp: 81762

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	3.1	24.9	37.3#



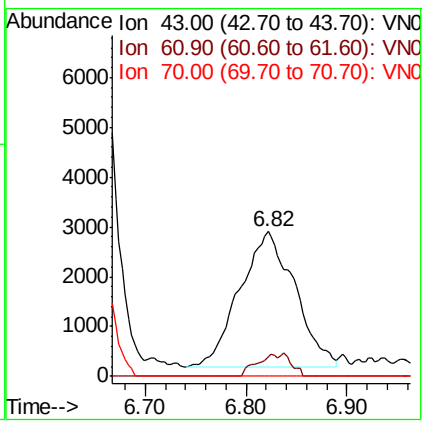


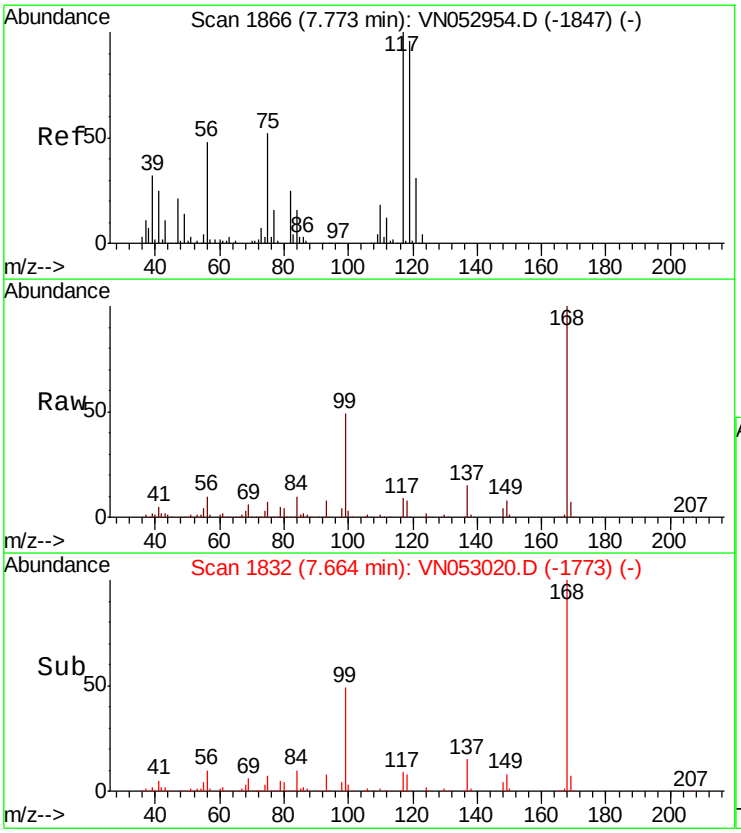
#37
Ethyl Acetate
Concen: 1.032 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.11 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10460

Ion	Ratio	Lower	Upper
43	100		
61	6.2	11.8	17.6#
70	0.0	8.4	12.6#

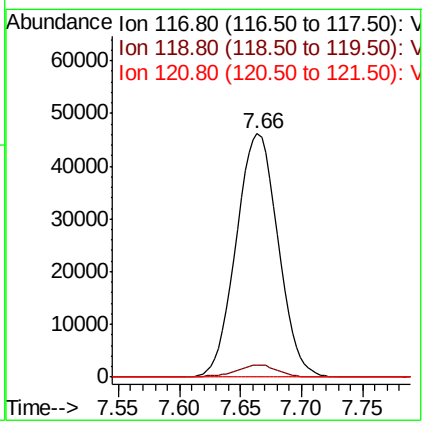


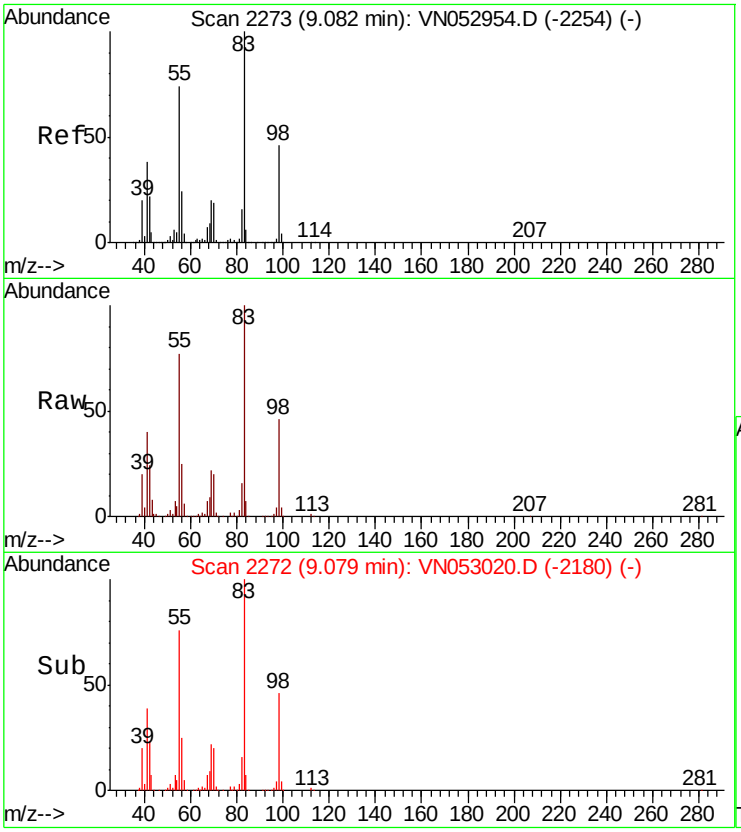


#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:117 Resp: 109678

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	24.9	37.3#



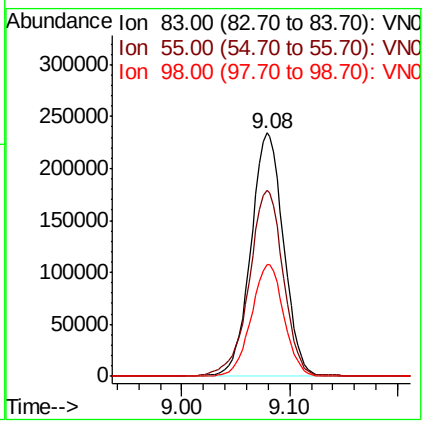


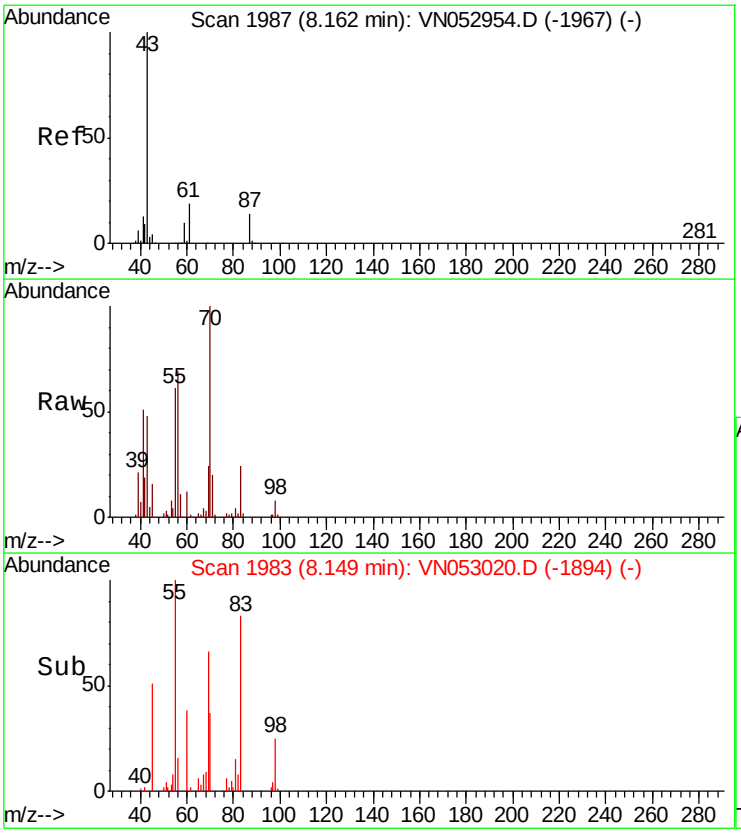
#39
Methylcyclohexane
Concen: 22.311 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 492060

Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.3	91.9
98	45.8	37.0	55.4

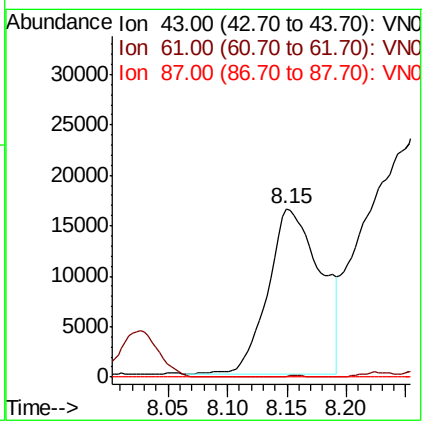


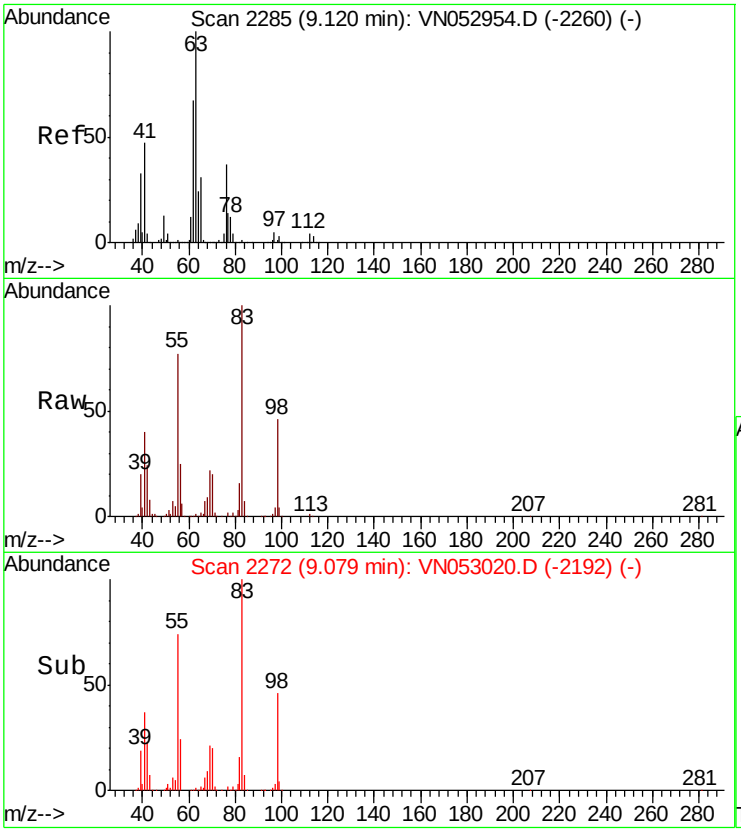


#43
Isopropyl Acetate
Concen: 1.571 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 43 Resp: 50663

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



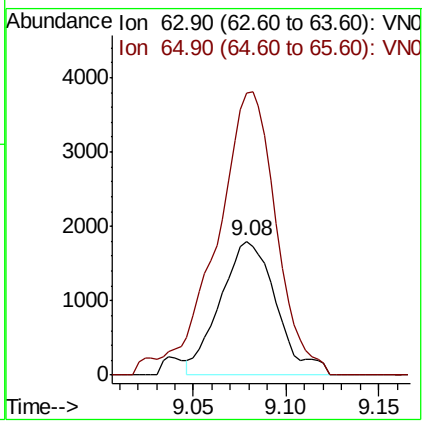


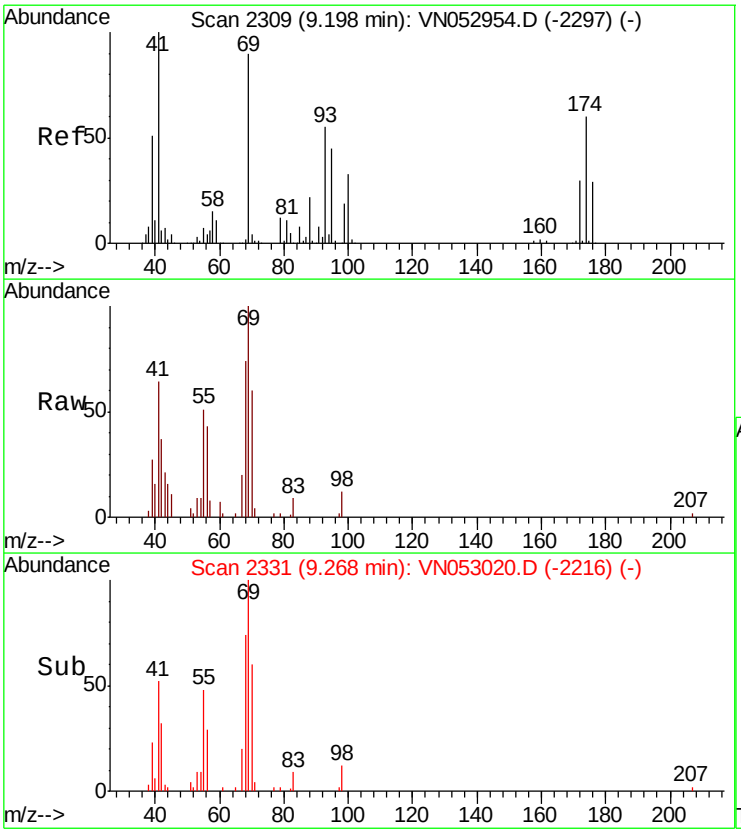
#45
1,2-Dichloropropane
Concen: 0.268 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 3776

Ion	Ratio	Lower	Upper
63	100		
65	210.5	24.6	37.0#

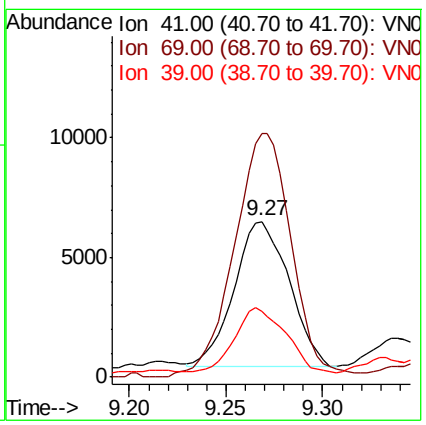


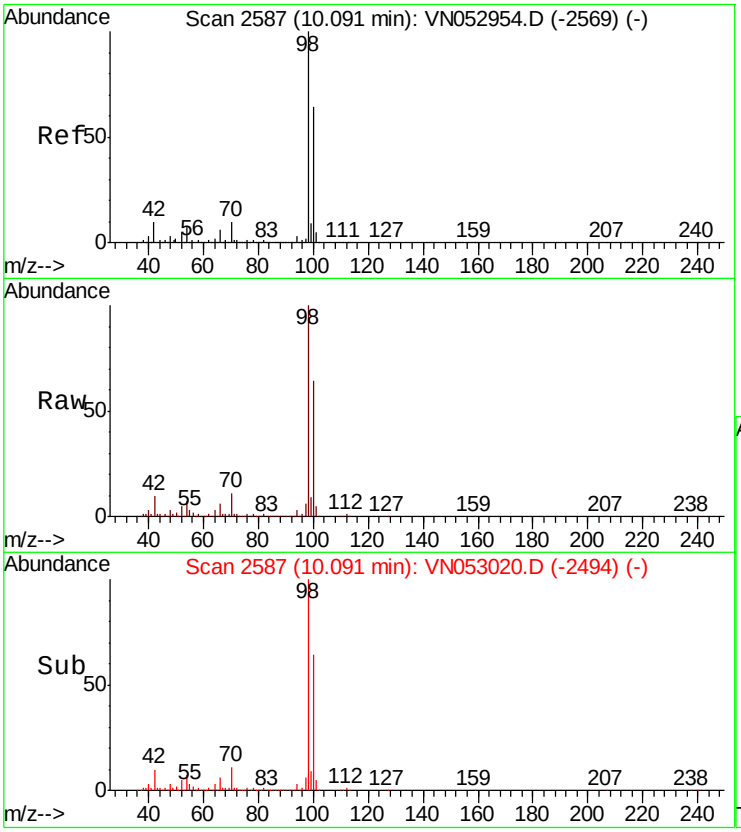


#48
Methyl methacrylate
Concen: 1.219 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 41 Resp: 11987

Ion	Ratio	Lower	Upper
41	100		
69	174.0	72.2	108.2#
39	41.4	41.9	62.9#



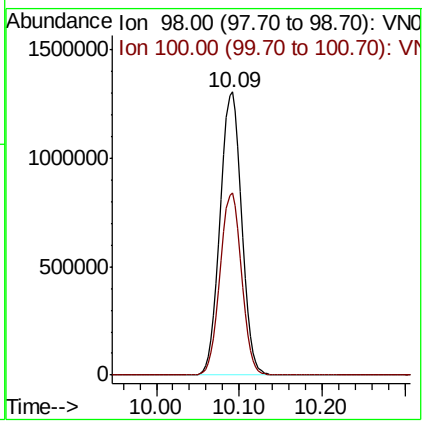


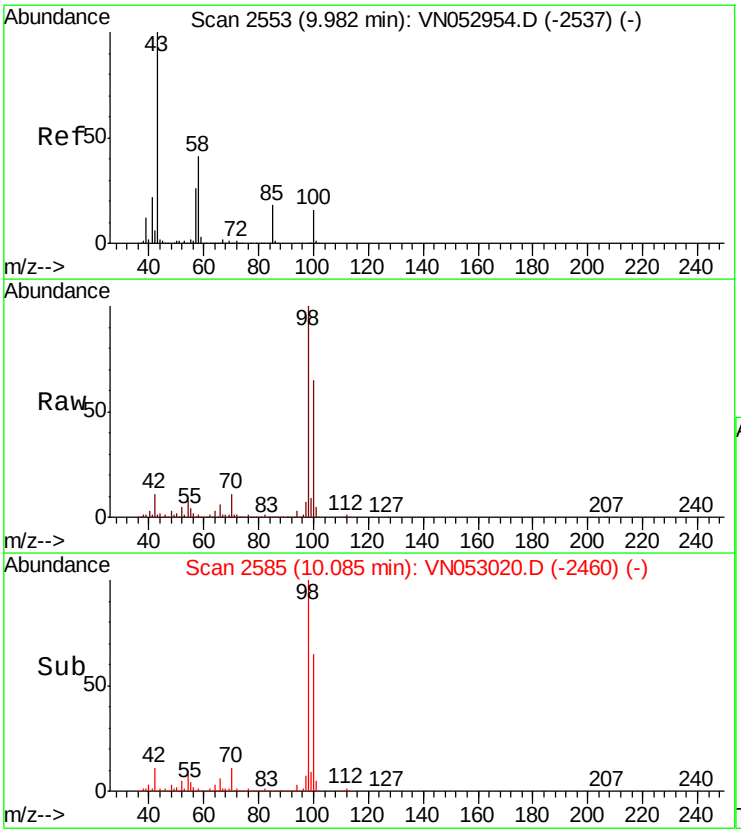
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2350693

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

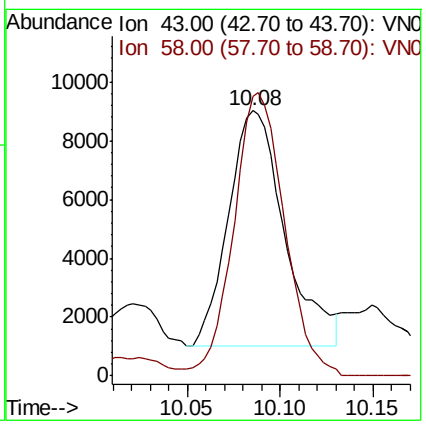


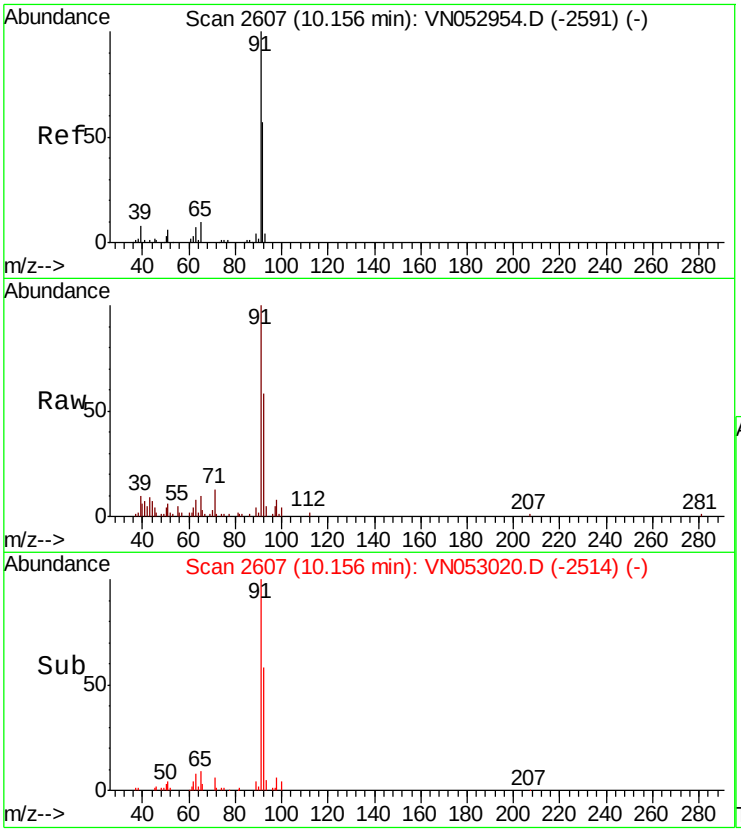


#51
4-Methyl-2-Pentanone
Concen: 1.715 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.10 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 43 Resp: 16836

Ion	Ratio	Lower	Upper
43	100		
58	109.5	32.2	48.4#



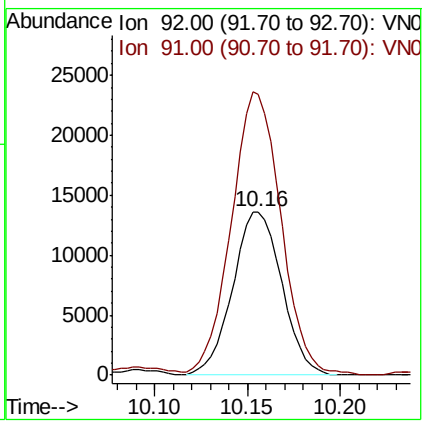


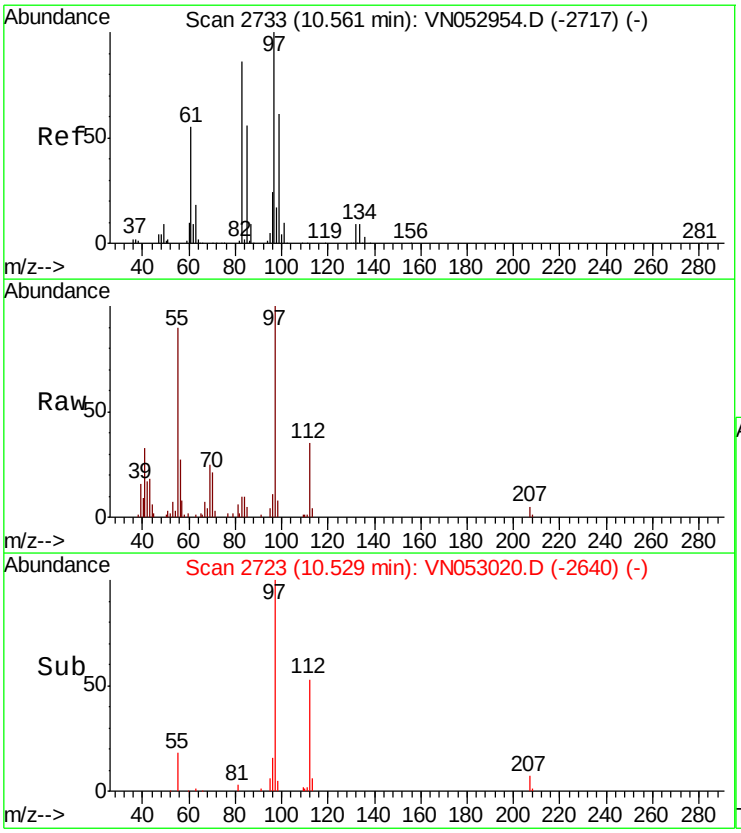
#52
Toluene
Concen: 0.748 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 25043

Ion	Ratio	Lower	Upper
92	100		
91	175.9	139.8	209.6

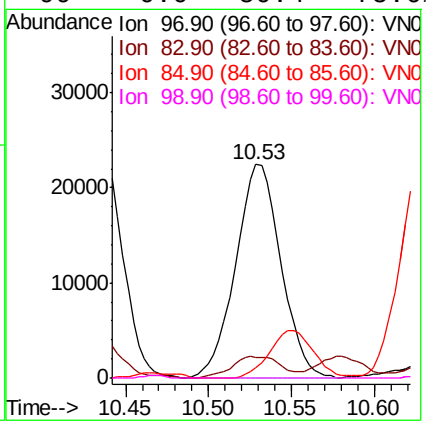


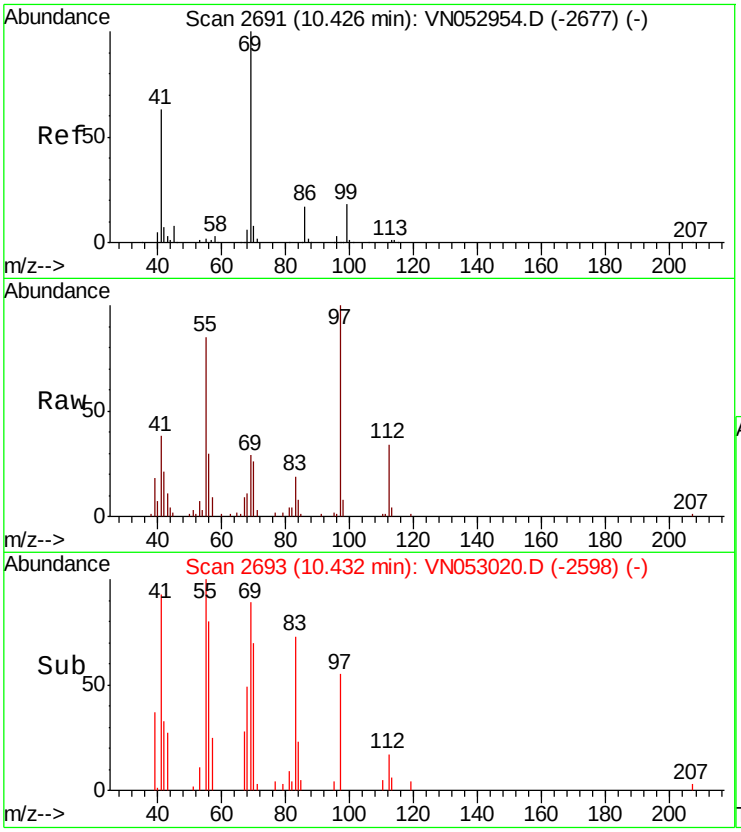


#55
1,1,2-Trichloroethane
Concen: 3.653 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.03 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 97 Resp: 42653

Ion	Ratio	Lower	Upper
97	100		
83	9.8	70.9	106.3#
85	3.7	45.4	68.2#
99	0.0	50.4	75.6#



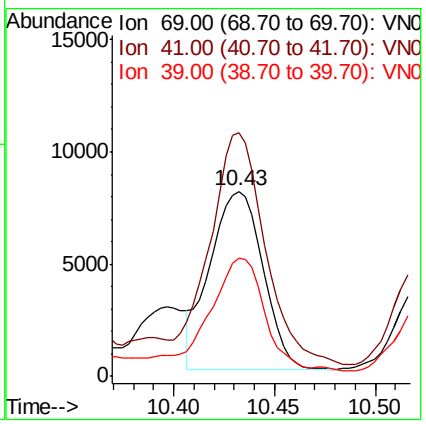


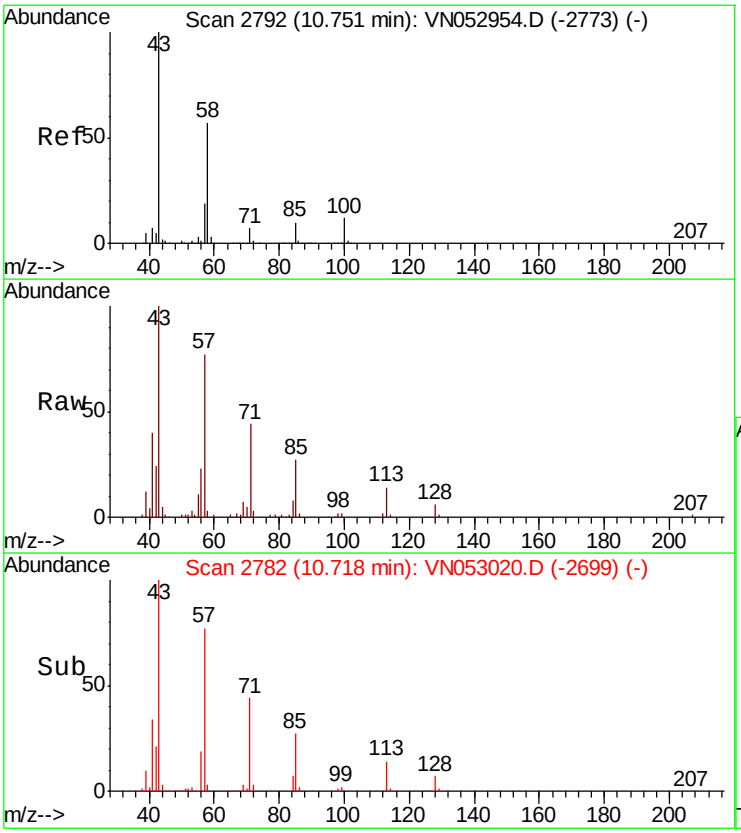
#56
Ethyl methacrylate
Concen: 0.950 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 14687

Ion	Ratio	Lower	Upper
69	100		
41	135.7	51.7	77.5#
39	64.3	24.6	37.0#

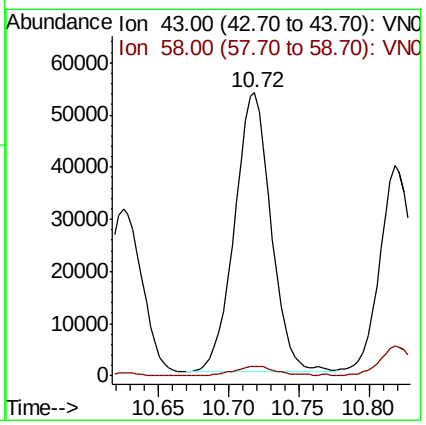


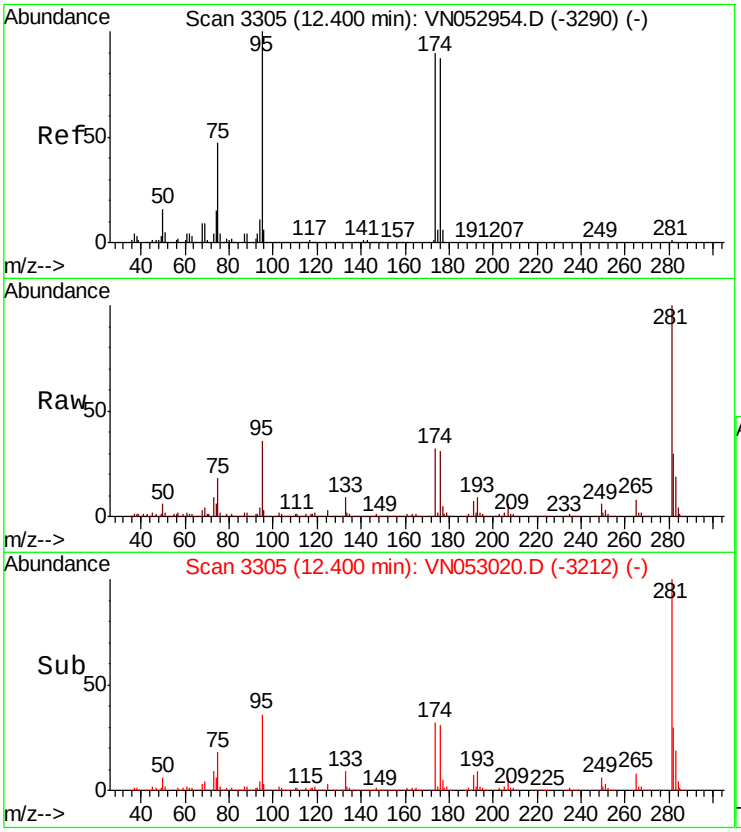


#59
2-Hexanone
Concen: 14.575 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 43 Resp: 96791

Ion	Ratio	Lower	Upper
43	100		
58	4.2	28.1	84.3#



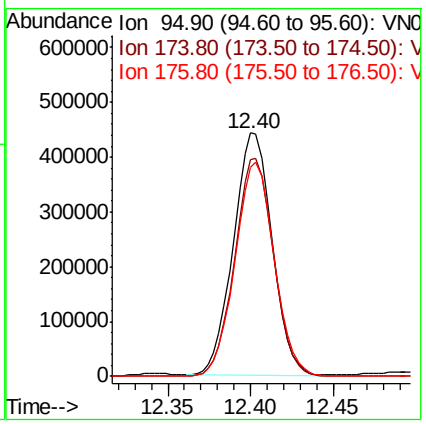


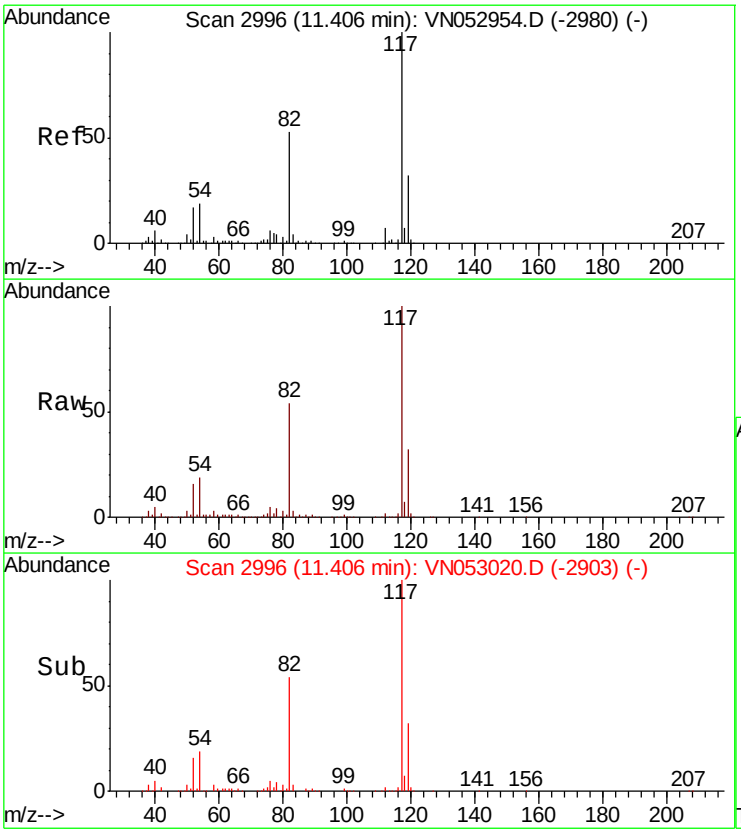
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 722401

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	178.8
176	89.1	0.0	173.8

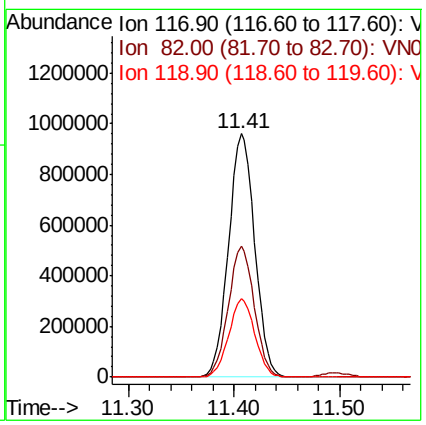


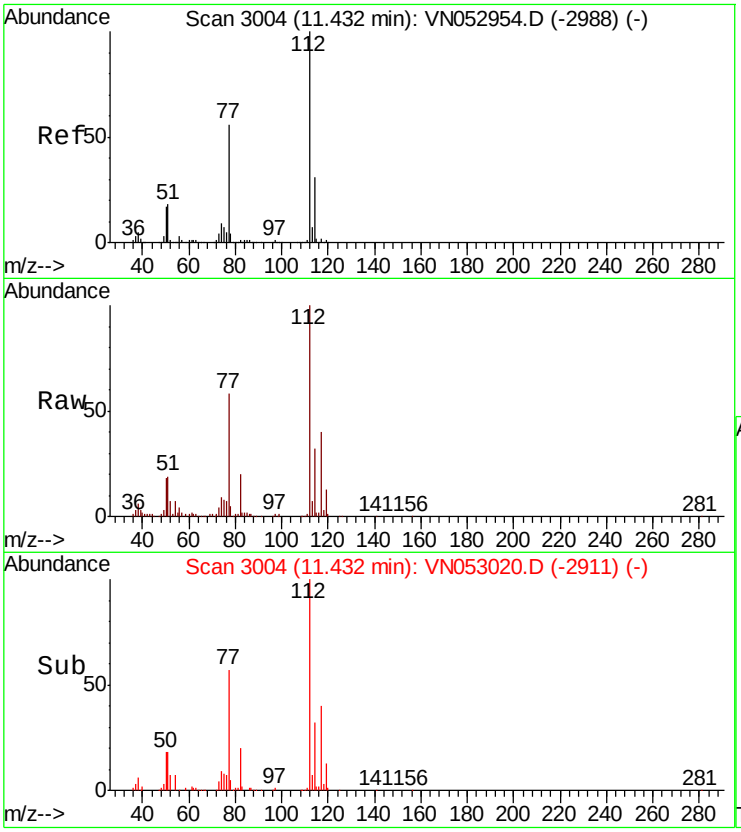


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:117 Resp: 1648512

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	32.0	25.5	38.3



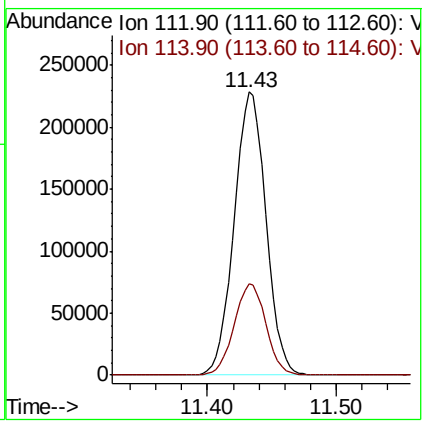


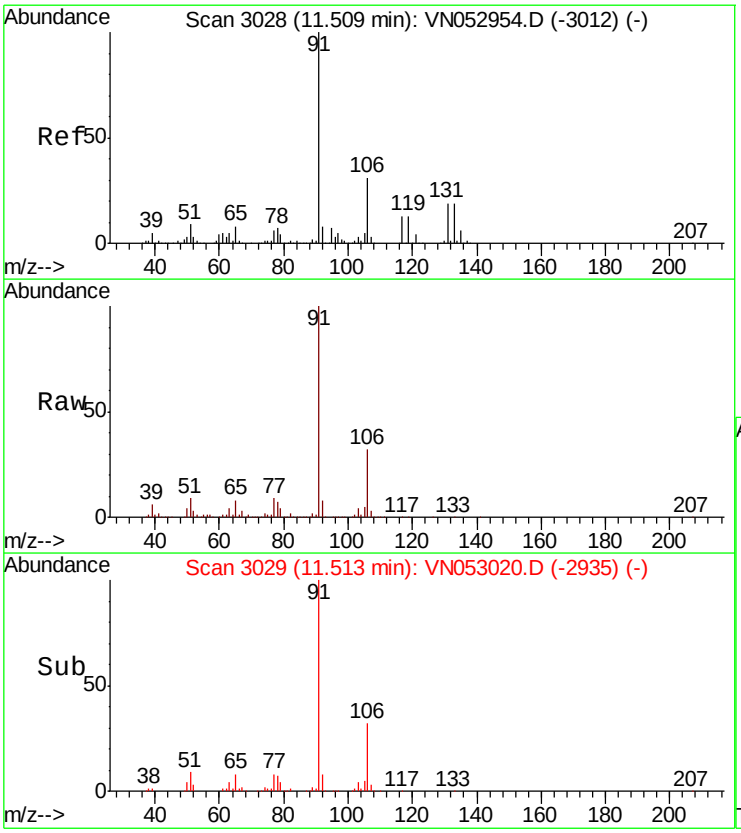
#65
Chlorobenzene
Concen: 10.706 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 391229

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

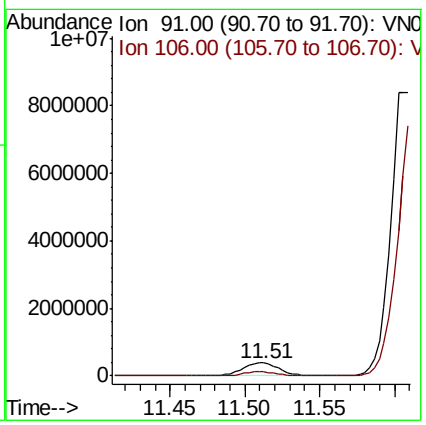


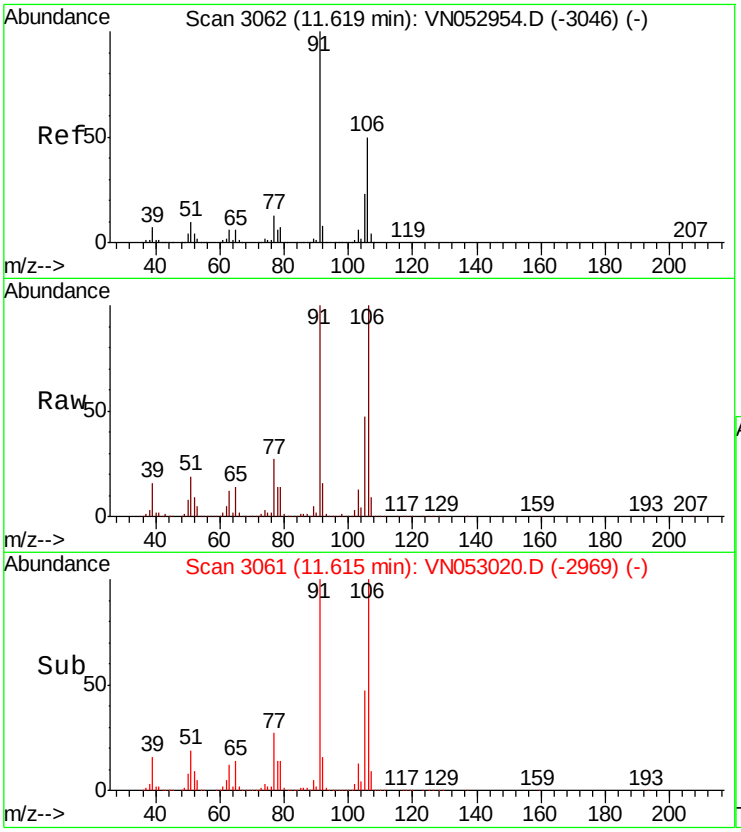


#67
Ethyl Benzene
Concen: 10.269 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 91 Resp: 645321

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.9	37.3



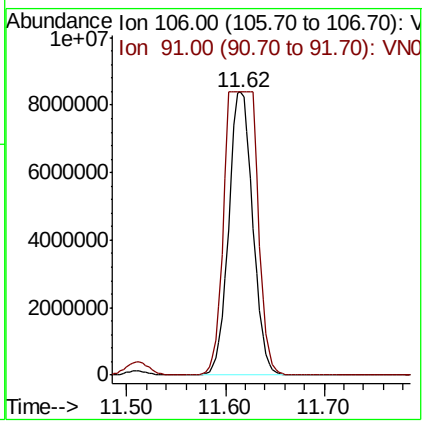


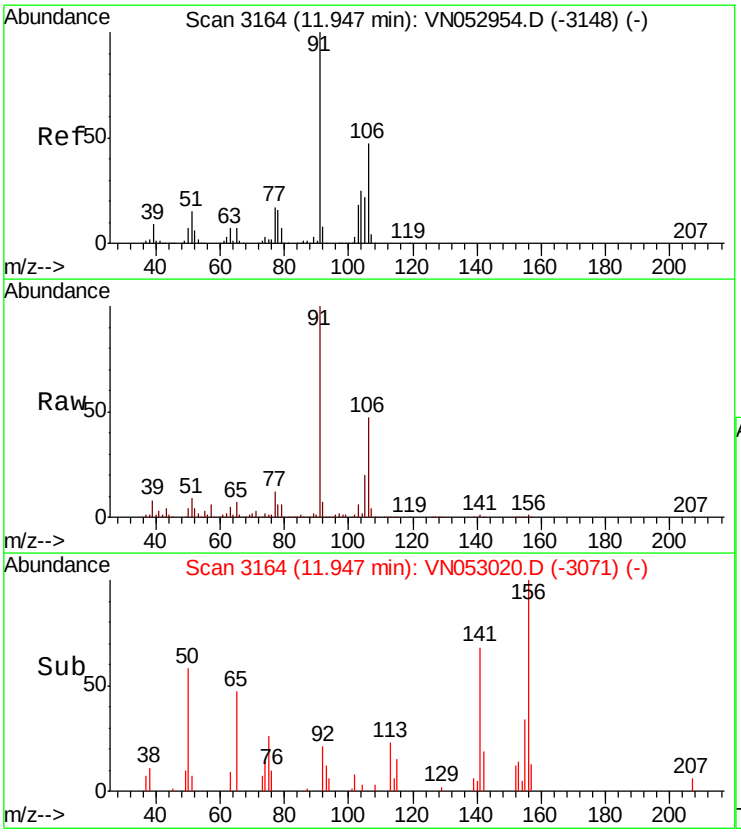
#68
m/p-Xylenes
Concen: 596.608 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp:14253353

Ion	Ratio	Lower	Upper
106	100		
91	0.0	162.2	243.4#

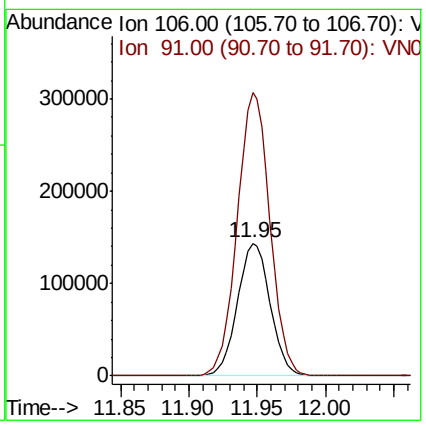


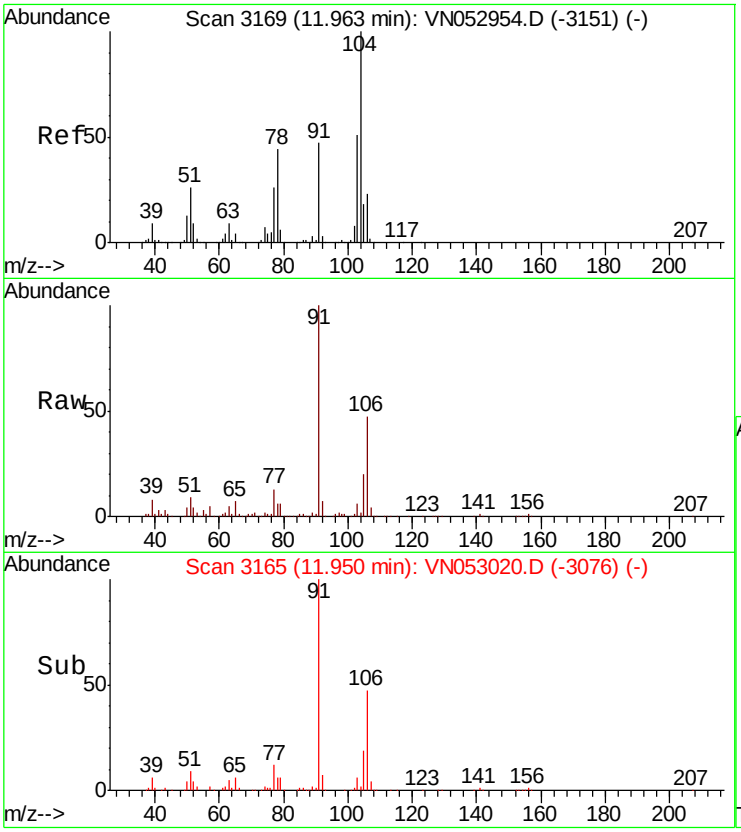


#69
o-Xylene
Concen: 10.404 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:106 Resp: 238516

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.6	319.8



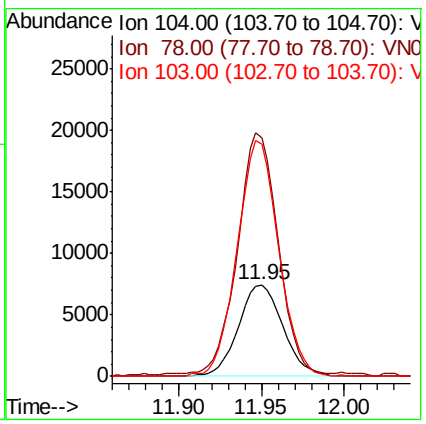


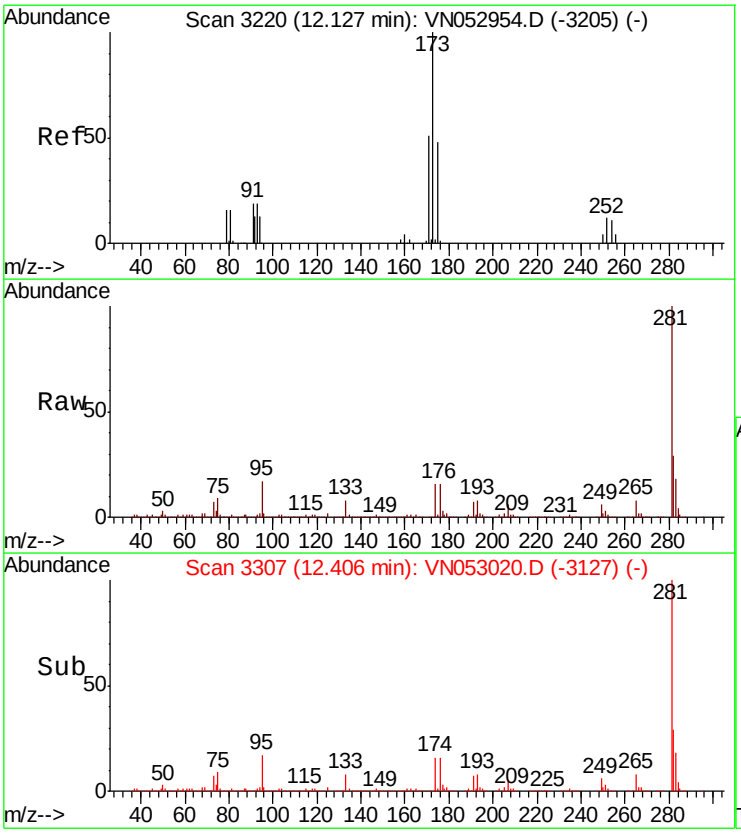
#70
Stvrene
Concen: 0.370 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 13847

Ion	Ratio	Lower	Upper
104	100		
78	240.0	38.9	58.3#
103	239.9	44.3	66.5#

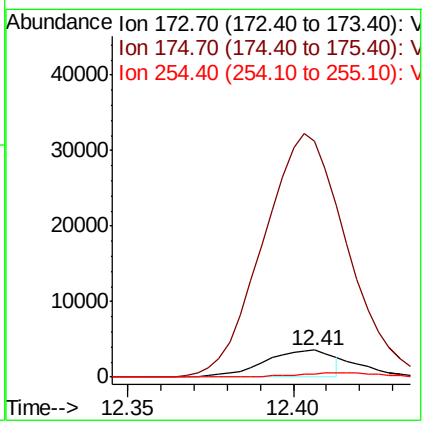


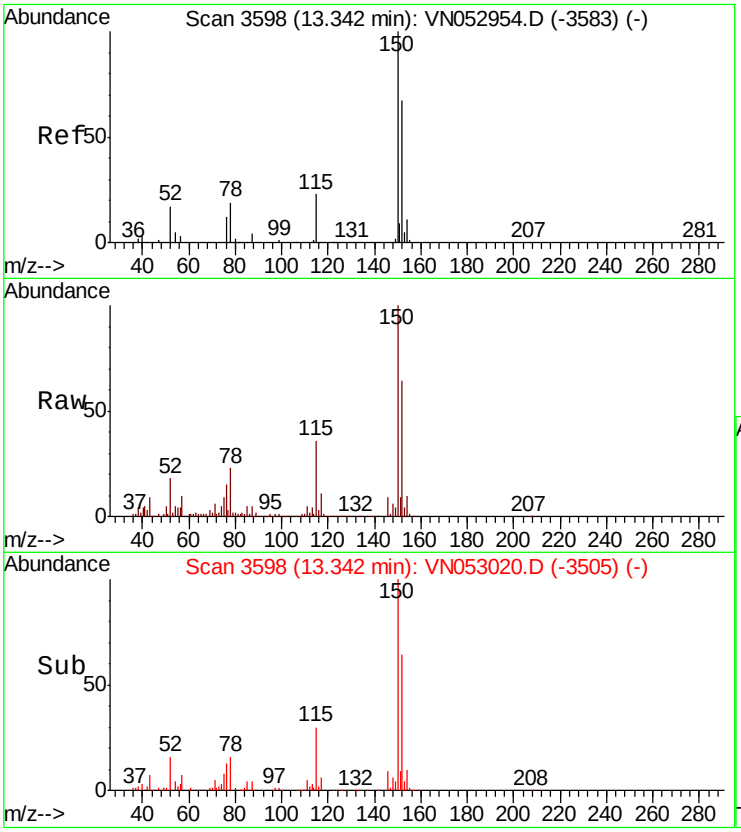


#71
Bromoform
Concen: 0.555 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:173 Resp: 5094

Ion	Ratio	Lower	Upper
173	100		
175	908.9	24.3	72.9#
254	0.0	0.1	0.1#



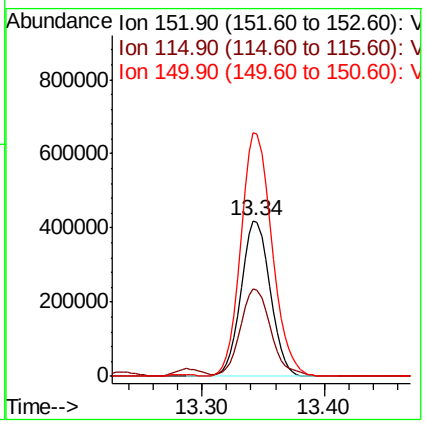


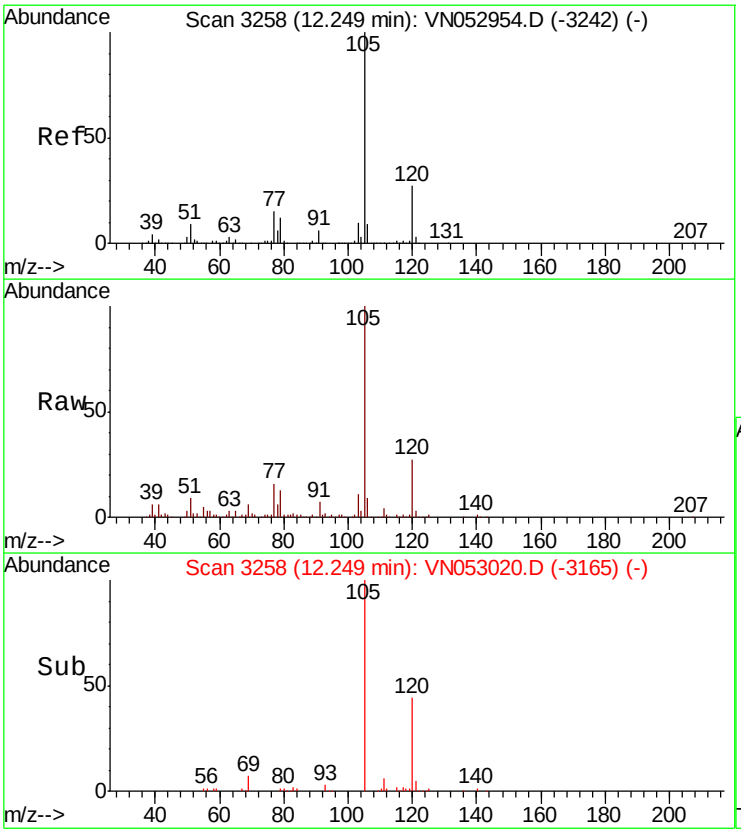
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 684169

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.3	85.0
150	168.1	0.0	347.8

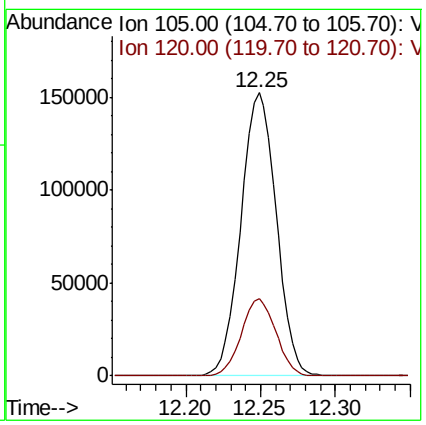


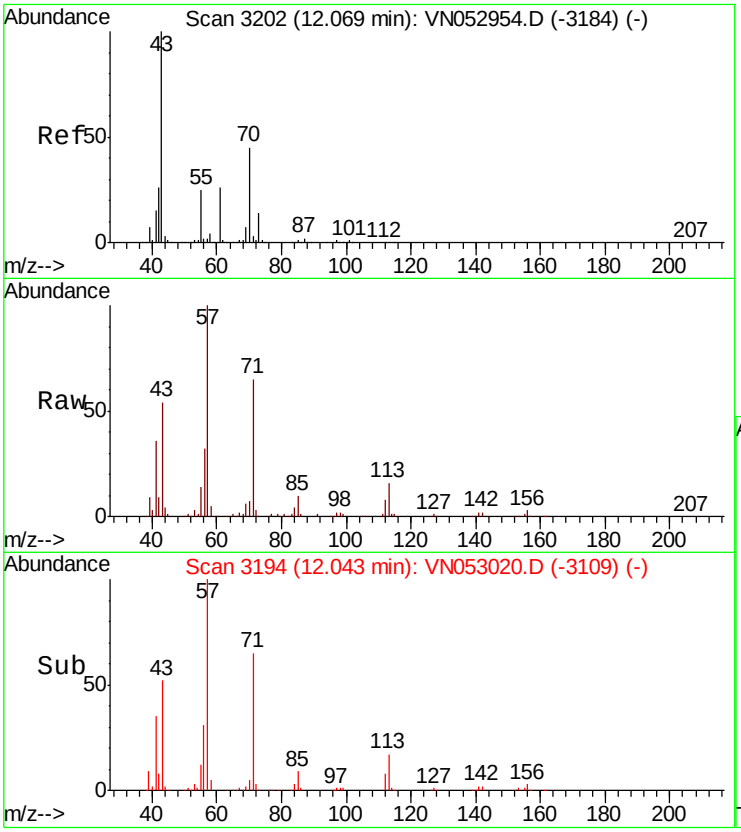


#73
Isopropylbenzene
Concen: 4.665 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:105 Resp: 249745

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.3	39.9



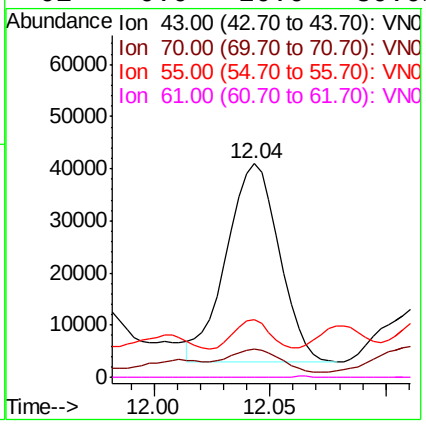


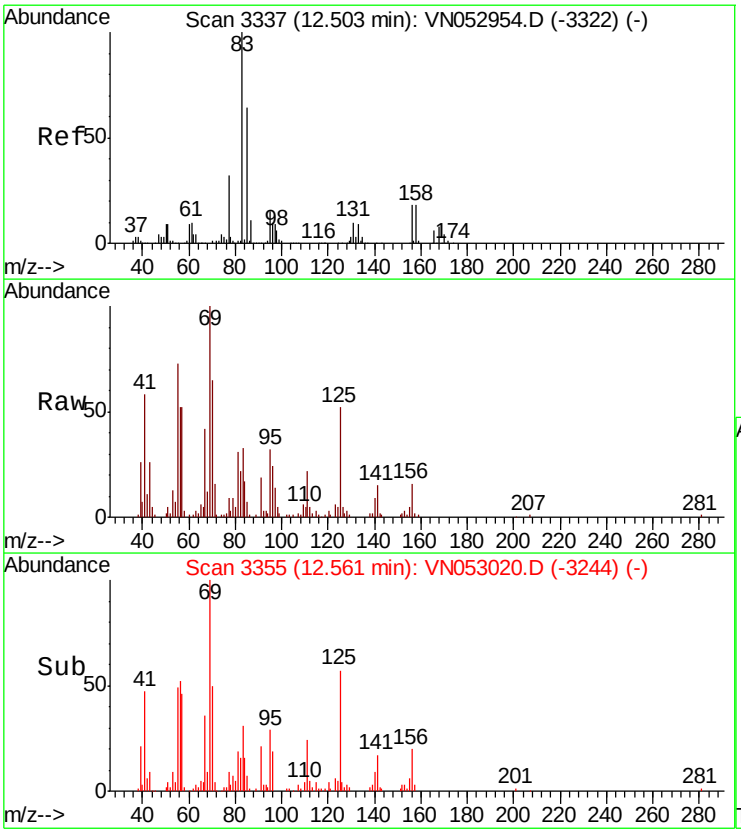
#74
N-amyl acetate
Concen: 4.041 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 60051

Ion	Ratio	Lower	Upper
43	100		
70	11.8	34.2	51.4#
55	9.6	20.3	30.5#
61	0.0	20.0	30.0#

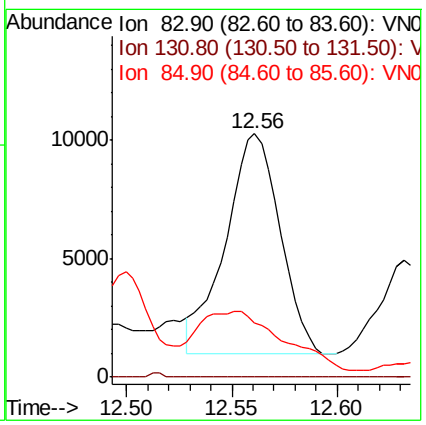


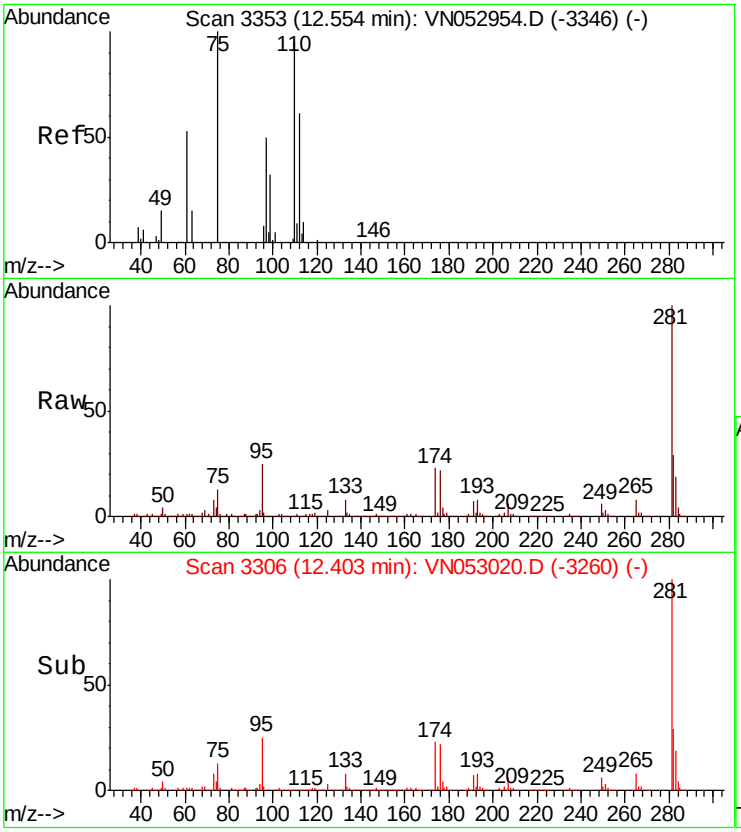


#75
1,1,2,2-Tetrachloroethane
Concen: 1.597 ug/l
RT: 12.56 min Scan# 3355
Delta R.T. 0.06 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 83 Resp: 16769

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	41.6	32.4	97.0



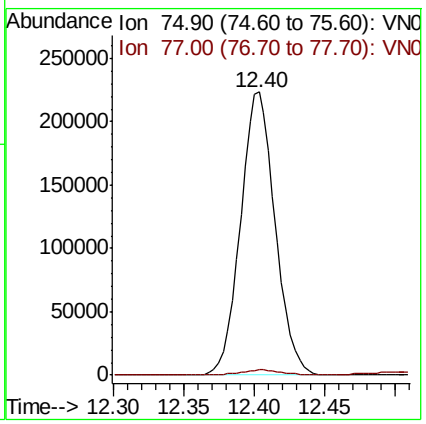


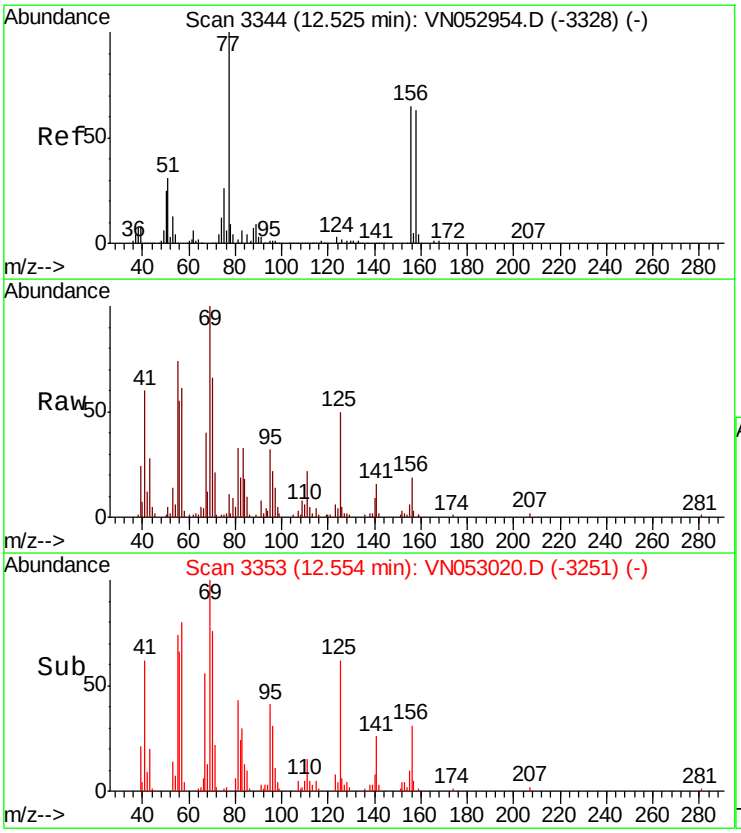
#76
1,2,3-Trichloropropane
Concen: 33.294 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 383461

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

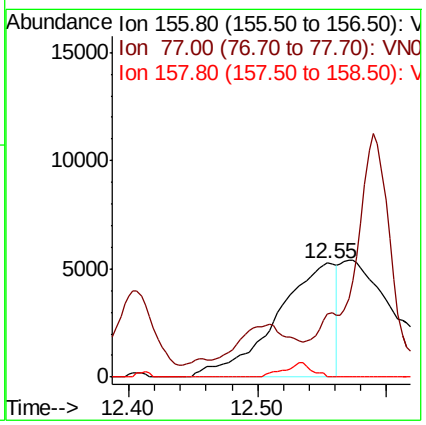


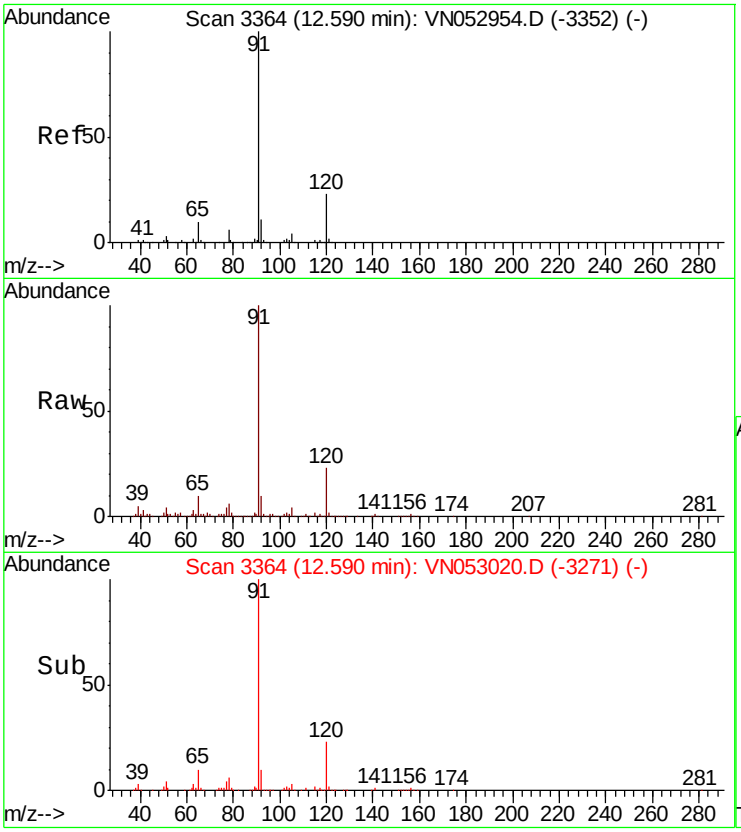


#77
Bromobenzene
Concen: 1.199 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.03 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:156 Resp: 16680

Ion	Ratio	Lower	Upper
156	100		
77	0.0	91.3	273.8#
158	5.9	49.0	147.2#



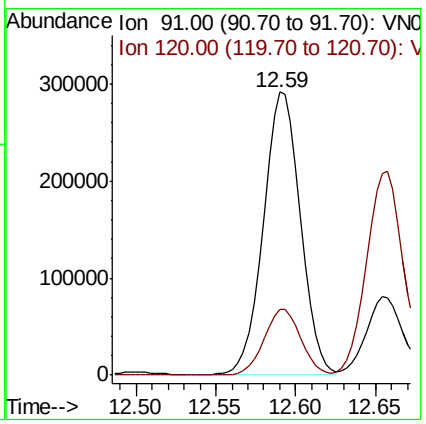


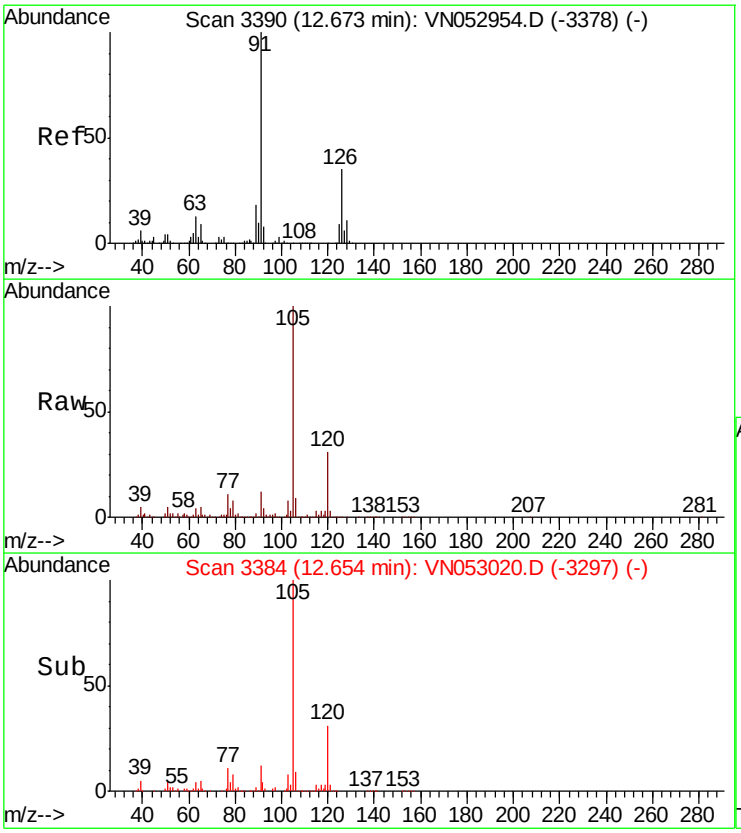
#78
n-propylbenzene
Concen: 7.643 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 465971

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5

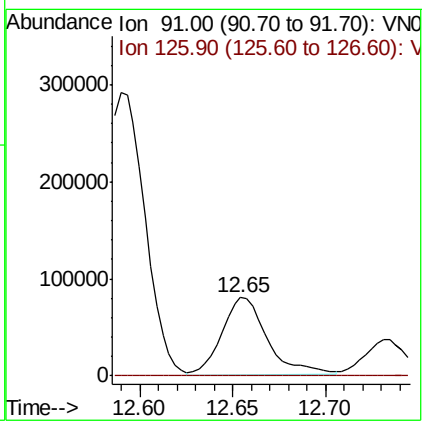


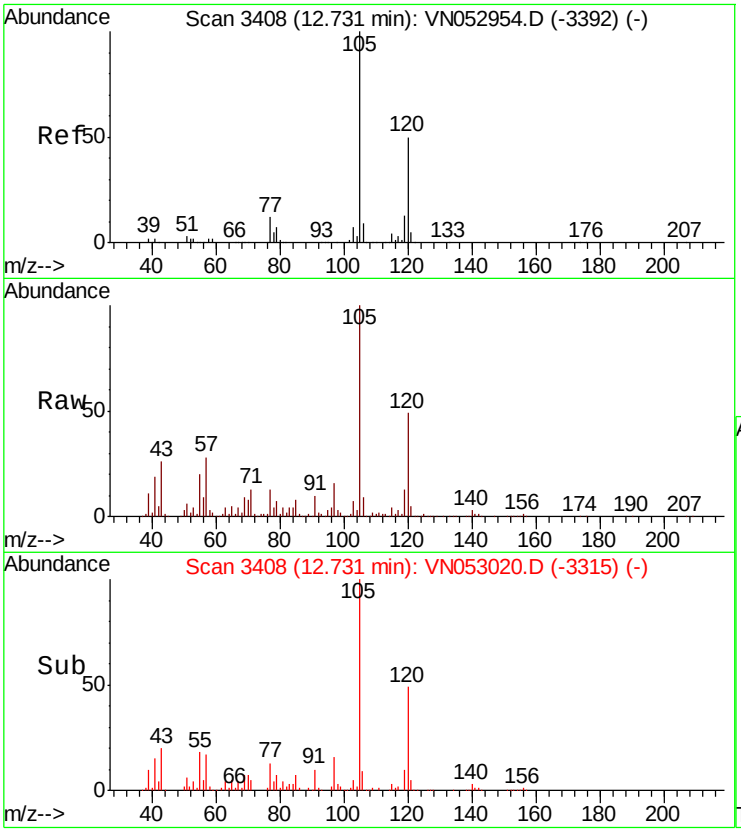


#79
2-Chlorotoluene
Concen: 3.601 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 91 Resp: 136088

Ion	Ratio	Lower	Upper
91	100		
126	1.1	17.4	52.3#



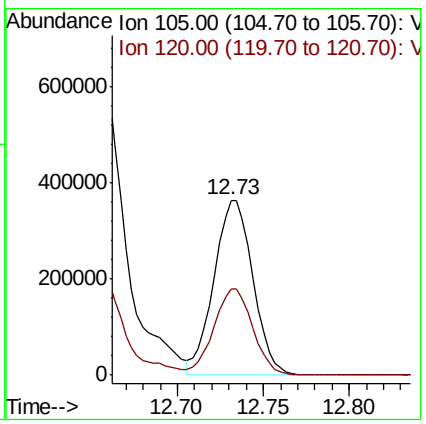


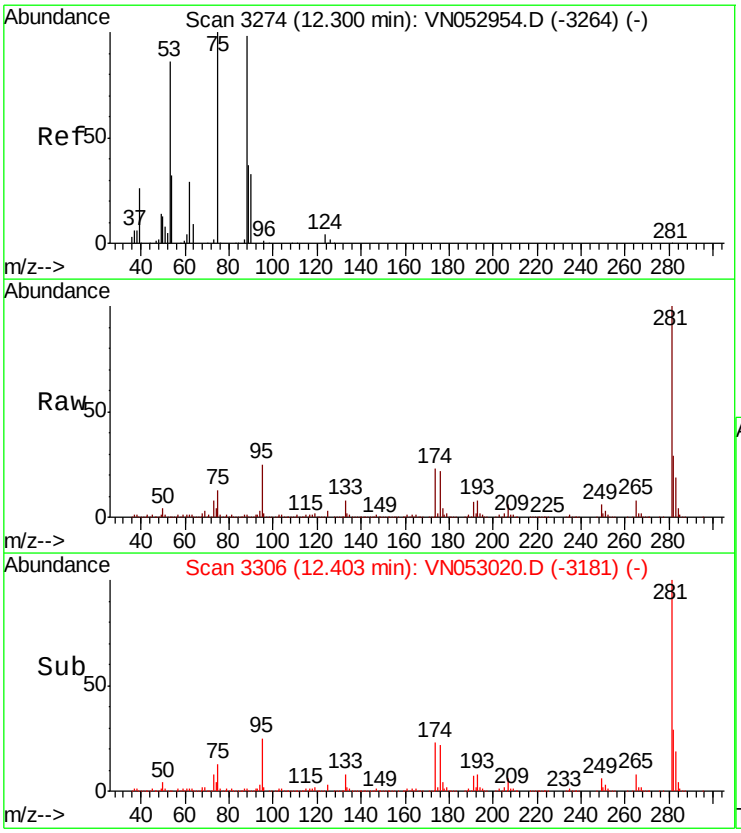
#80
1,3,5-Trimethylbenzene
Concen: 13.170 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 574637

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.4	73.2

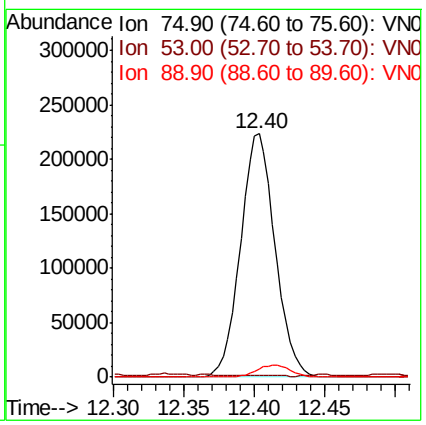


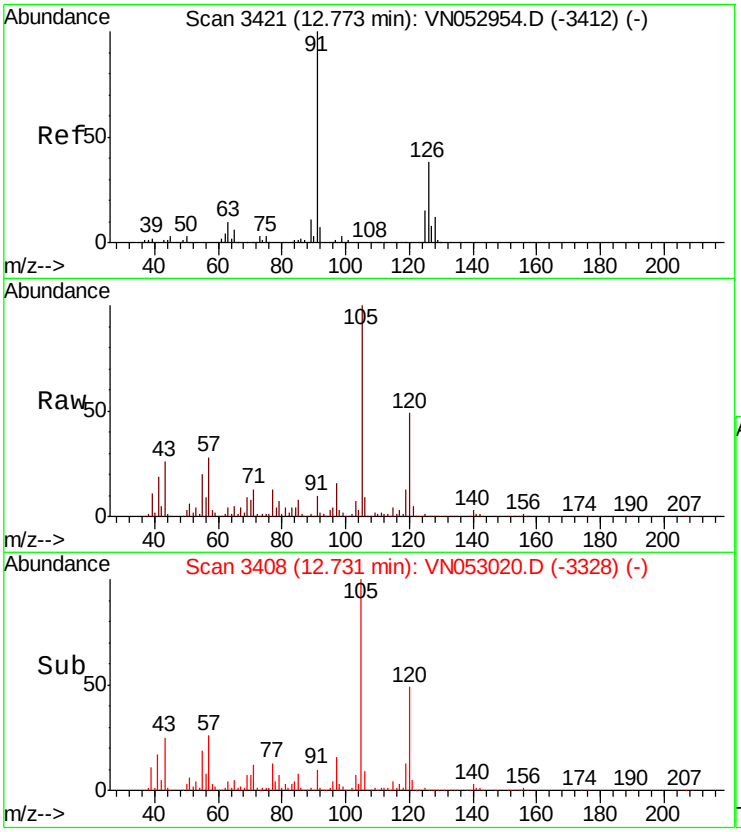


#81
trans-1,4-Dichloro-2-butene
Concen: 107.312 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 75 Resp: 383461

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	4.8	36.1	54.1#



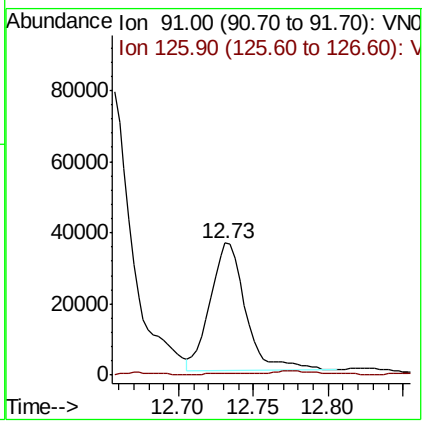


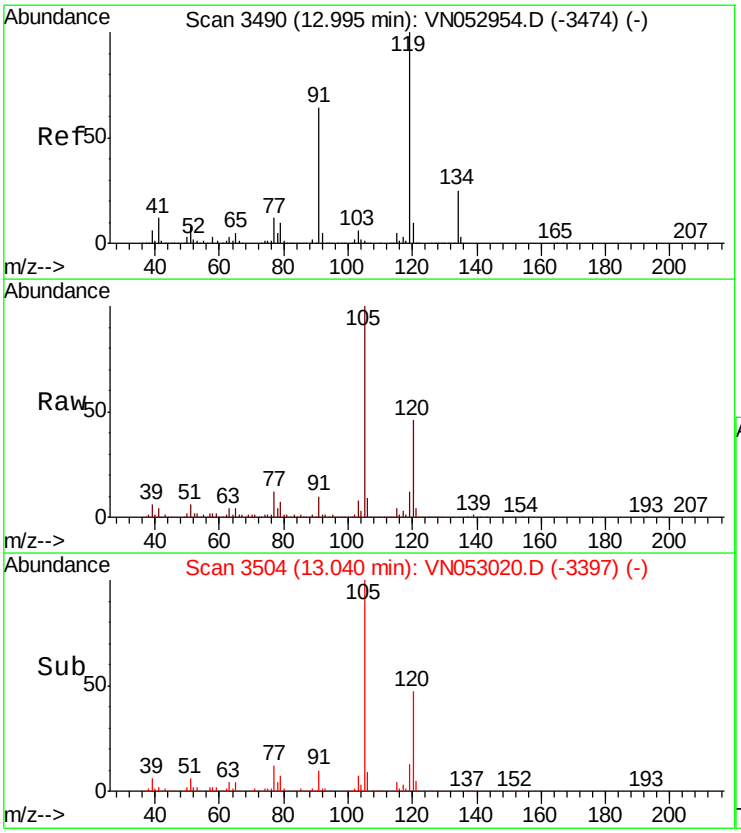
#82
4-Chlorotoluene
Concen: 1.608 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 59470

Ion	Ratio	Lower	Upper
91	100		
126	1.9	17.3	51.7#

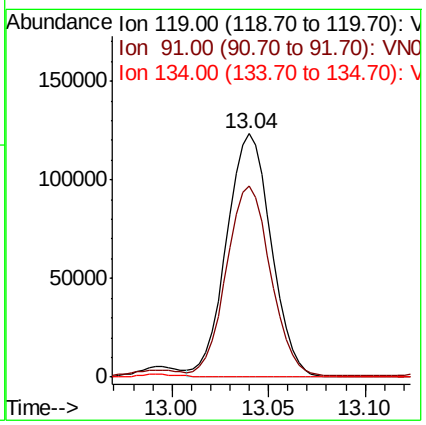


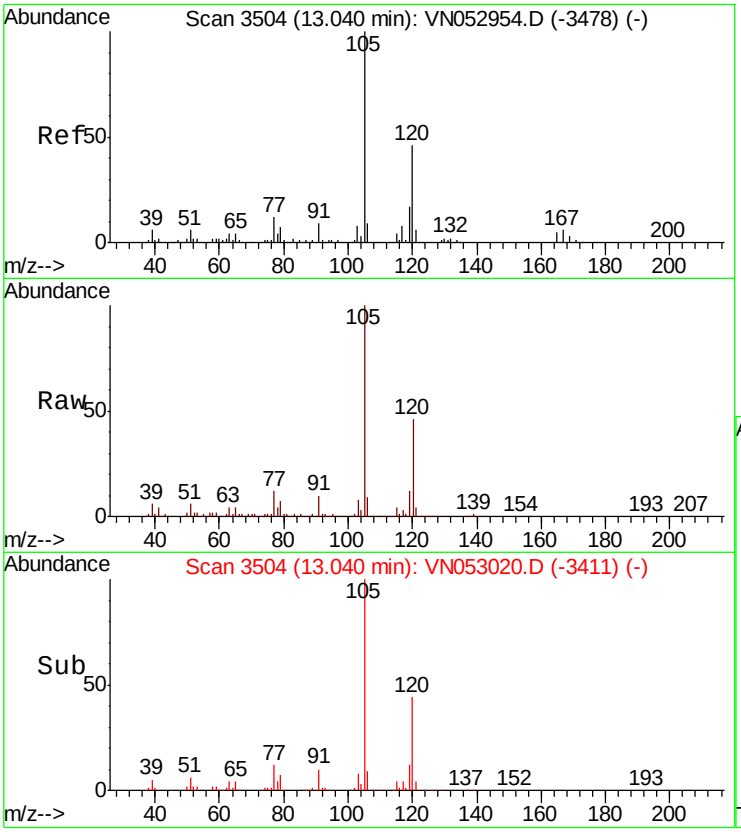


#83
tert-Butylbenzene
Concen: 5.101 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.04 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:119 Resp: 196824

Ion	Ratio	Lower	Upper
119	100		
91	77.5	31.9	95.5
134	0.0	12.8	38.4#



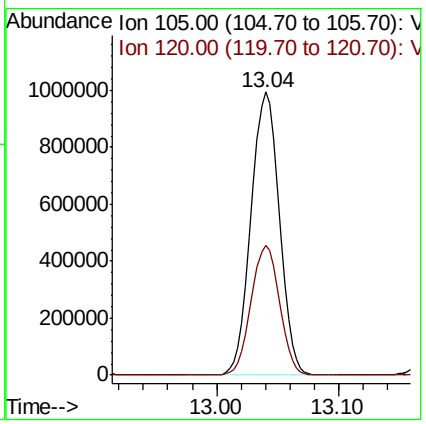


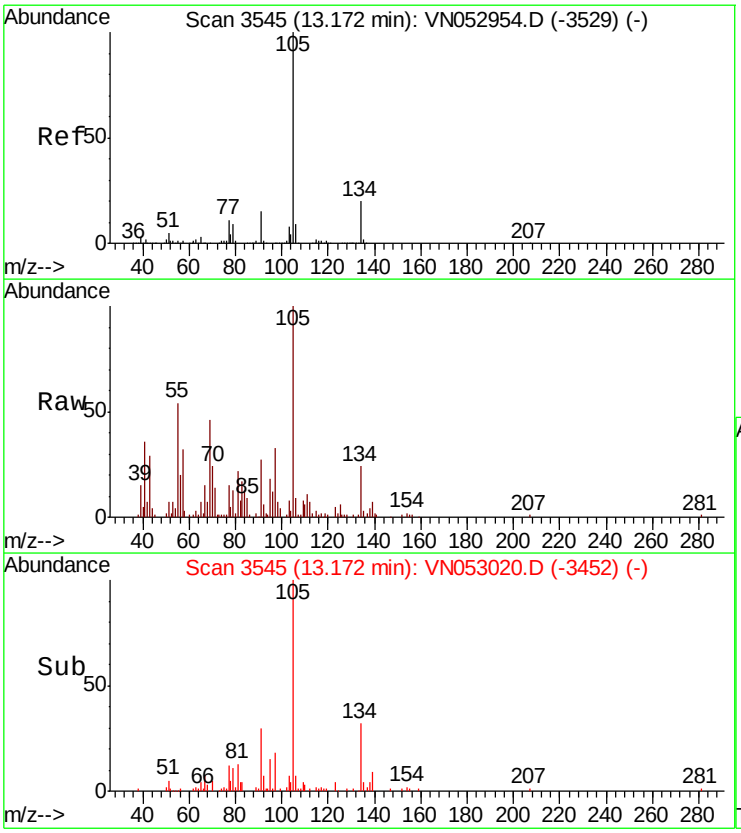
#84
1,2,4-Trimethylbenzene
Concen: 36.238 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1589492

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8

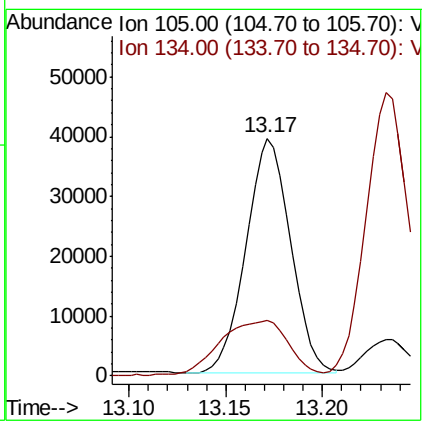


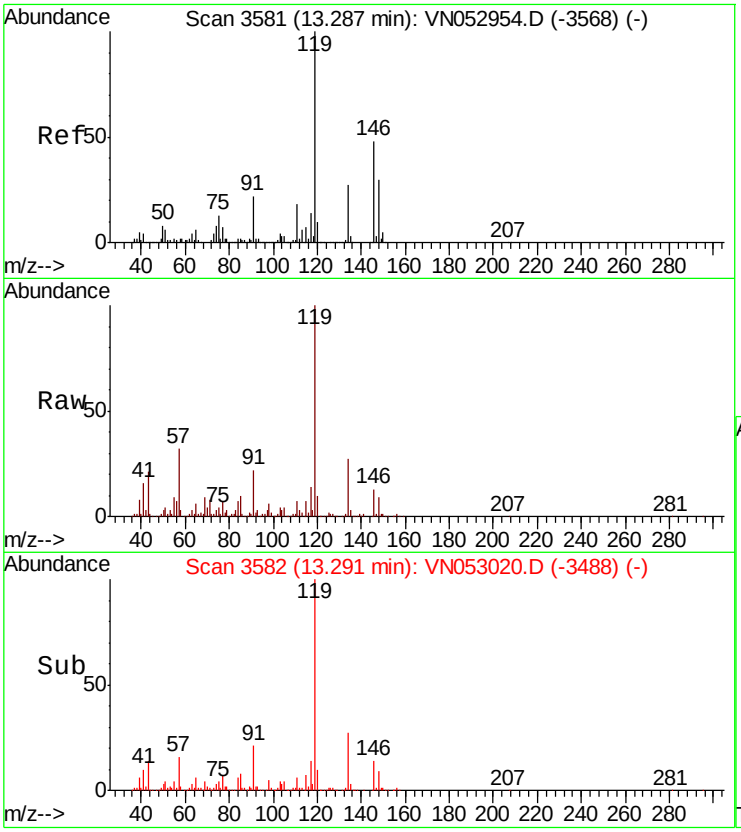


#85
sec-Butylbenzene
Concen: 1.208 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:105 Resp: 63031

Ion	Ratio	Lower	Upper
105	100		
134	34.6	10.1	30.3#



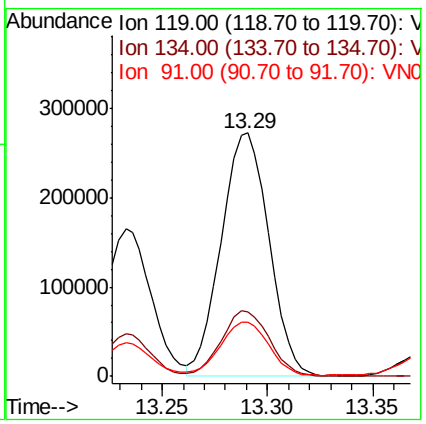


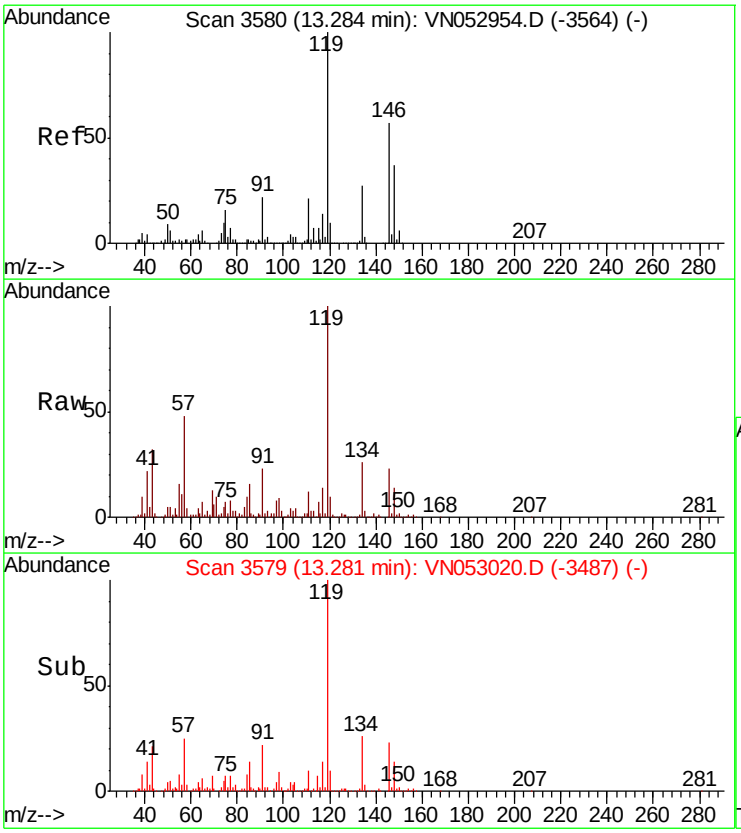
#86
p-Isopropyltoluene
Concen: 9.475 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 427339

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	22.1	11.1	33.3

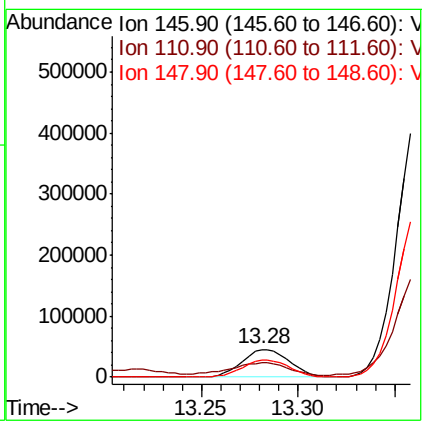


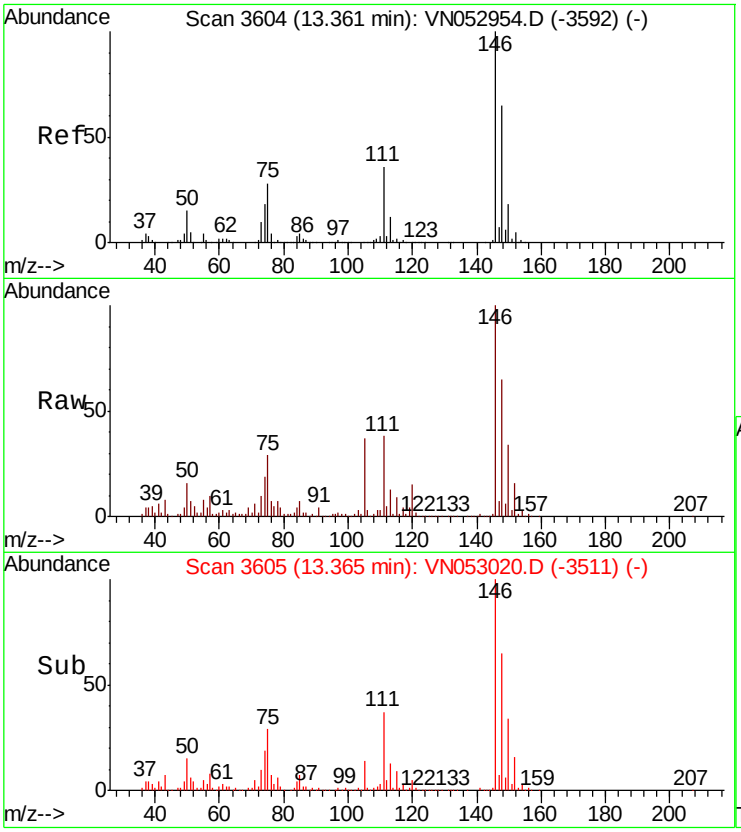


#87
1,3-Dichlorobenzene
Concen: 3.129 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:146 Resp: 77065

Ion	Ratio	Lower	Upper
146	100		
111	52.8	19.1	57.1
148	62.8	32.0	96.0



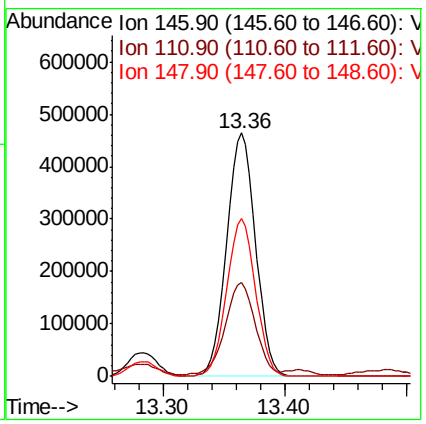


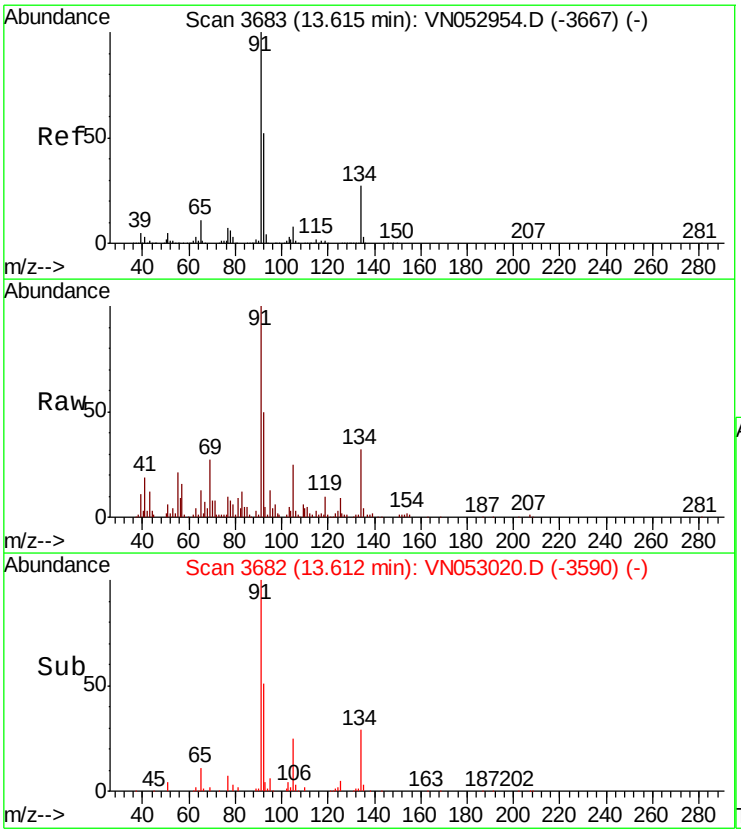
#88
1,4-Dichlorobenzene
Concen: 30.736 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 766565

Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.6	55.8
148	64.6	32.1	96.5

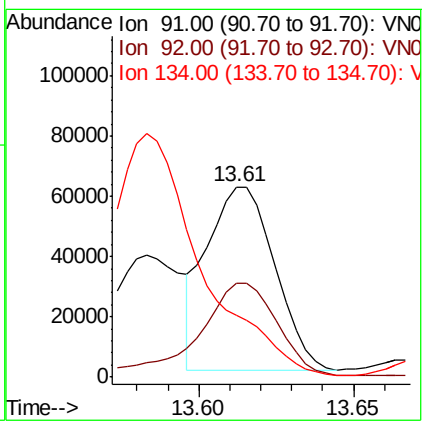


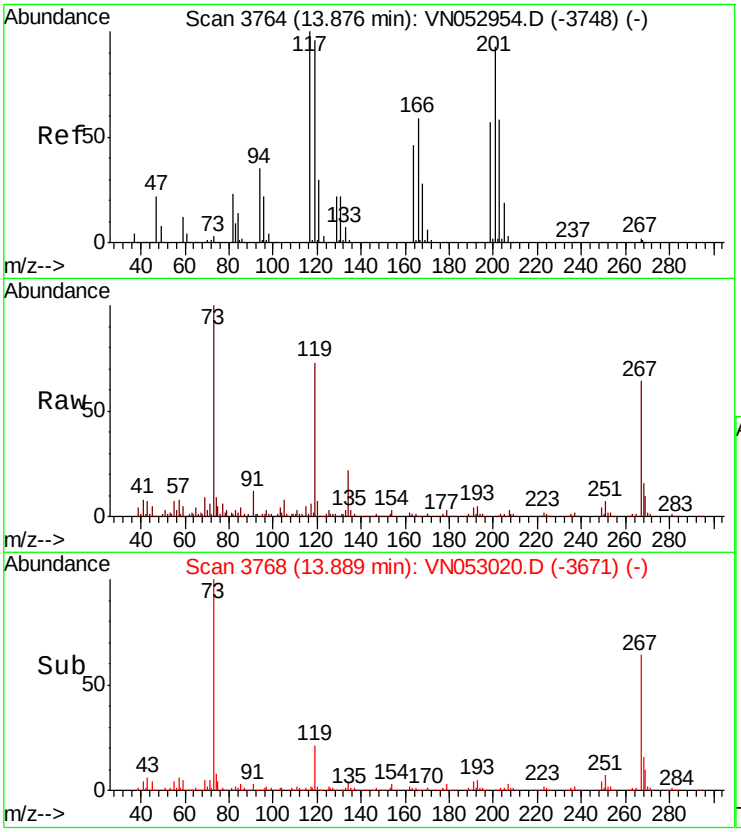


#89
n-Butylbenzene
Concen: 2.377 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion: 91 Resp: 92236

Ion	Ratio	Lower	Upper
91	100		
92	58.7	26.3	78.9
134	0.0	13.3	39.8#



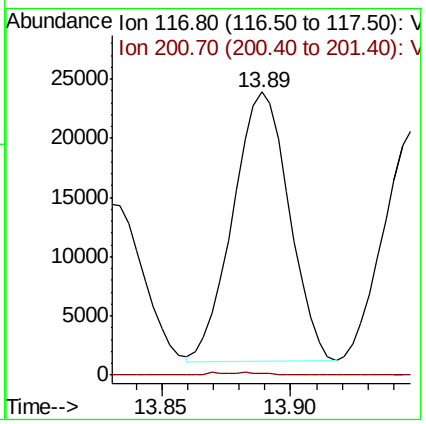


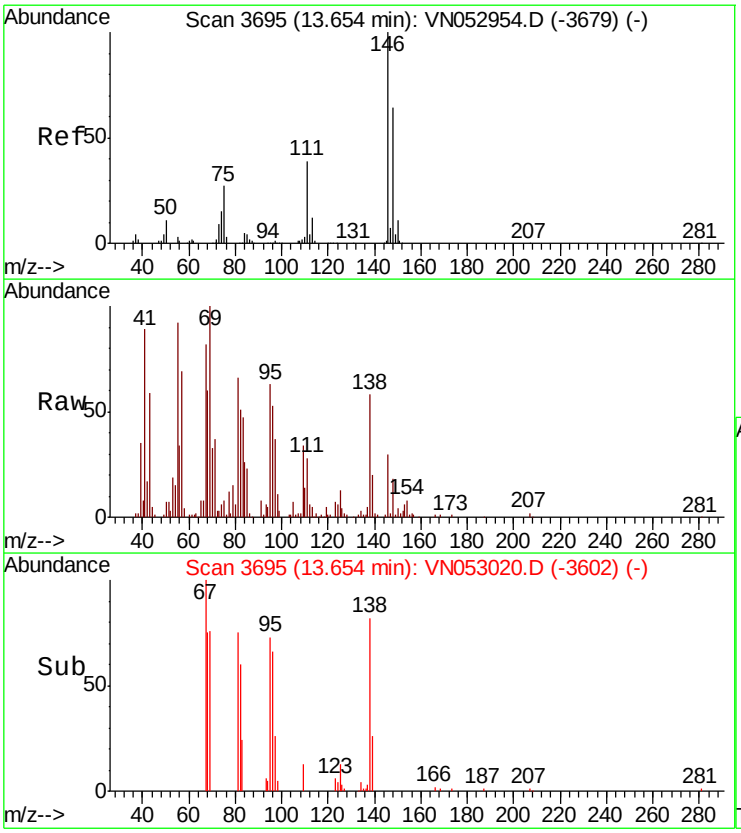
#90
Hexachloroethane
Concen: 4.969 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 34388

Ion	Ratio	Lower	Upper
117	100		
201	0.4	45.7	137.1#

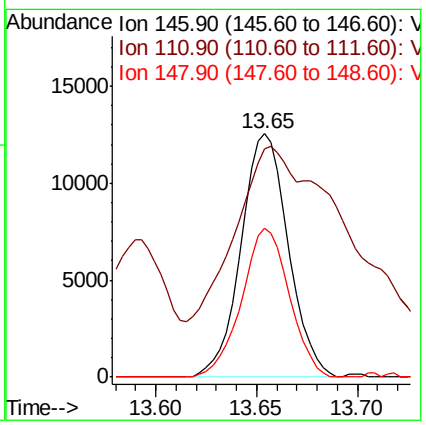


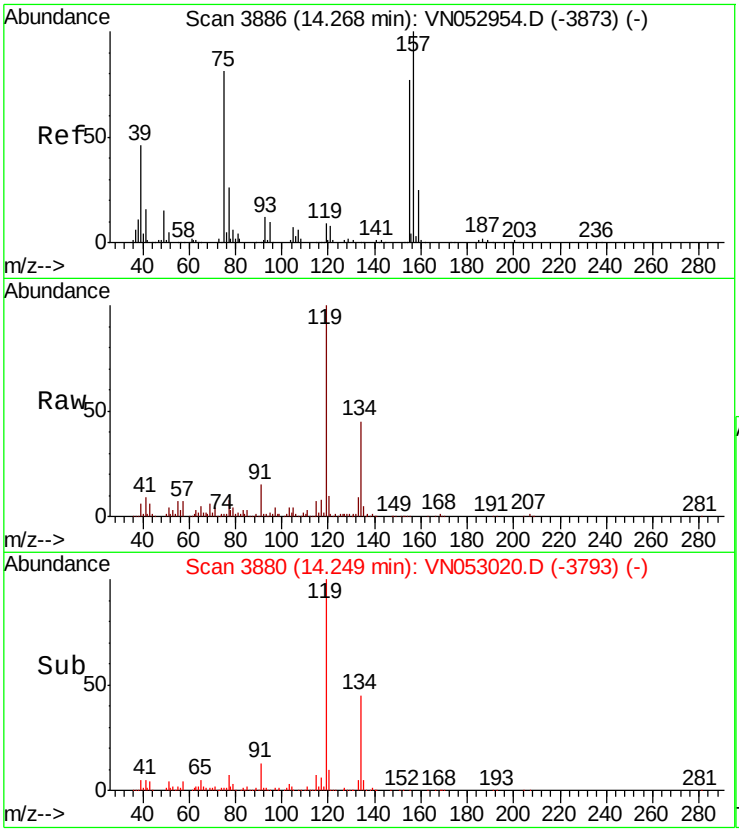


#91
1,2-Dichlorobenzene
Concen: 0.889 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:146 Resp: 20602

Ion	Ratio	Lower	Upper
146	100		
111	152.4	19.7	59.0#
148	61.4	32.0	96.0



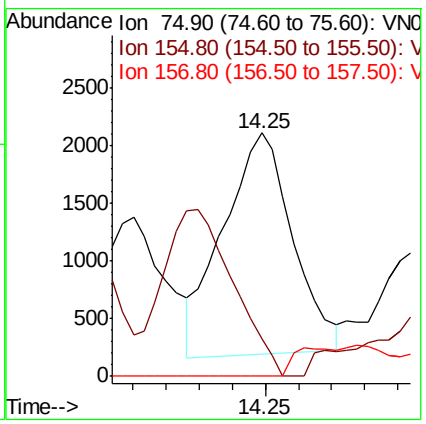


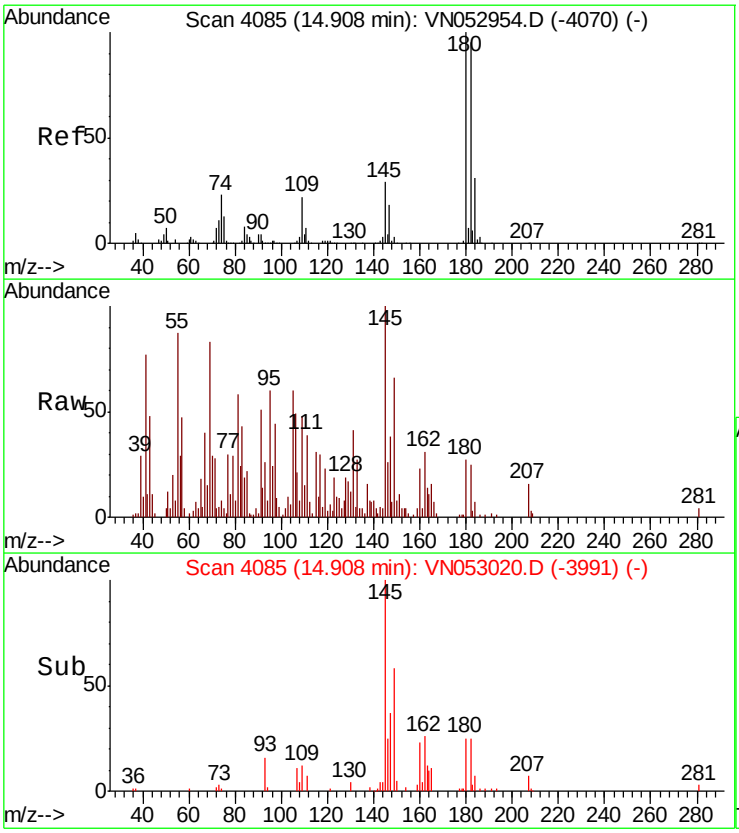
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.543 ug/l
RT: 14.25 min Scan# 3880
Delta R.T. -0.02 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 2802

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.2	144.6#
157	7.9	61.2	183.5#

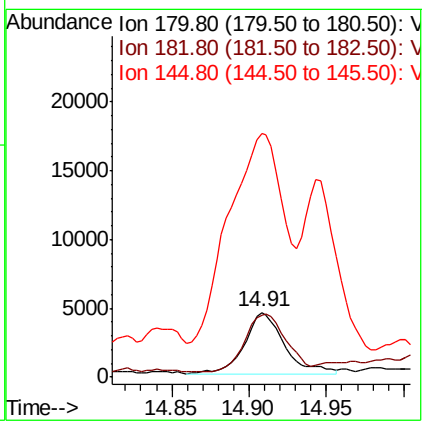


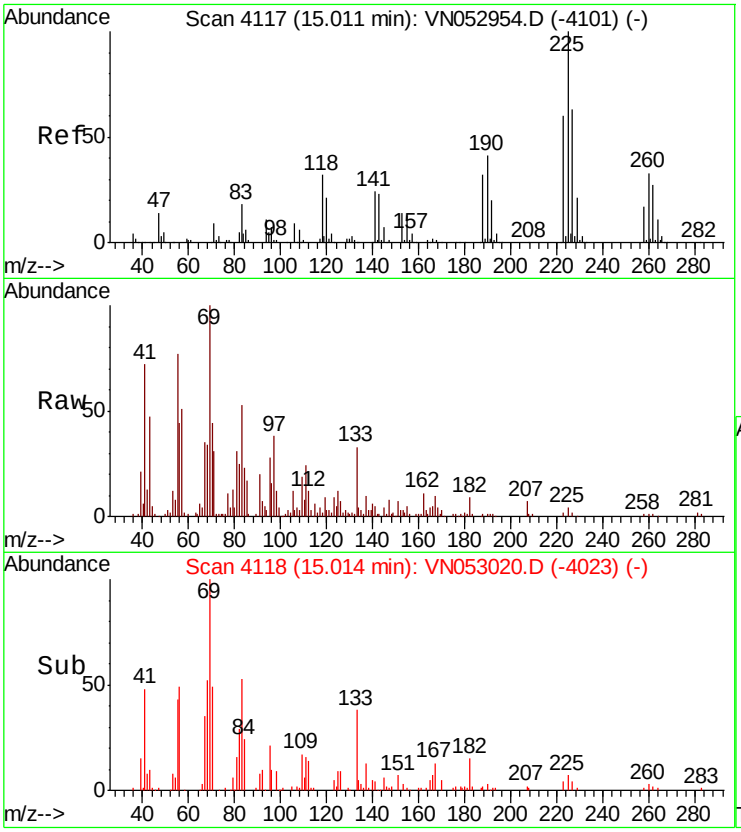


#93
1,2,4-Trichlorobenzene
Concen: 1.235 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:180 Resp: 7942

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.3
145	534.3	14.2	42.6#



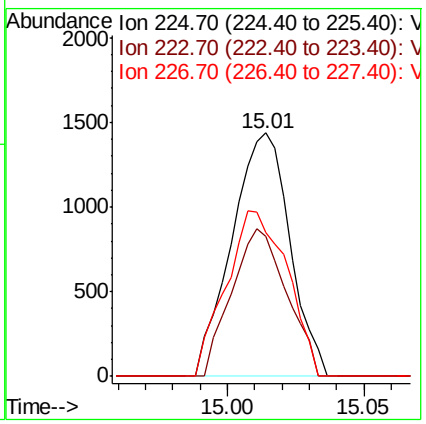


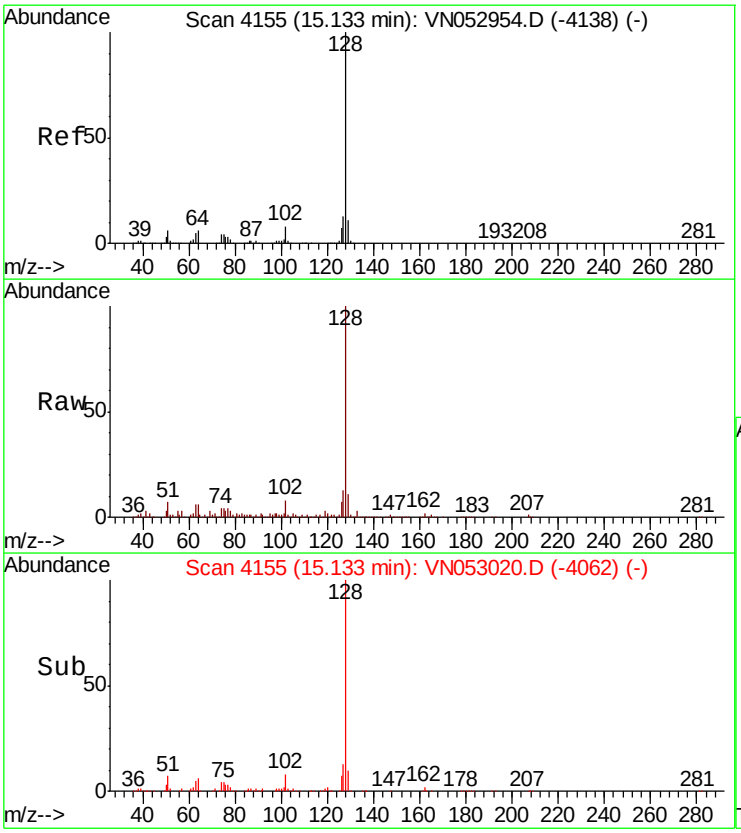
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 2118

Ion	Ratio	Lower	Upper
225	100		
223	57.5	31.5	94.5
227	71.6	31.9	95.7

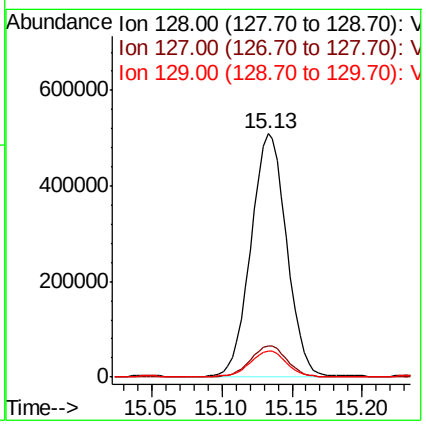


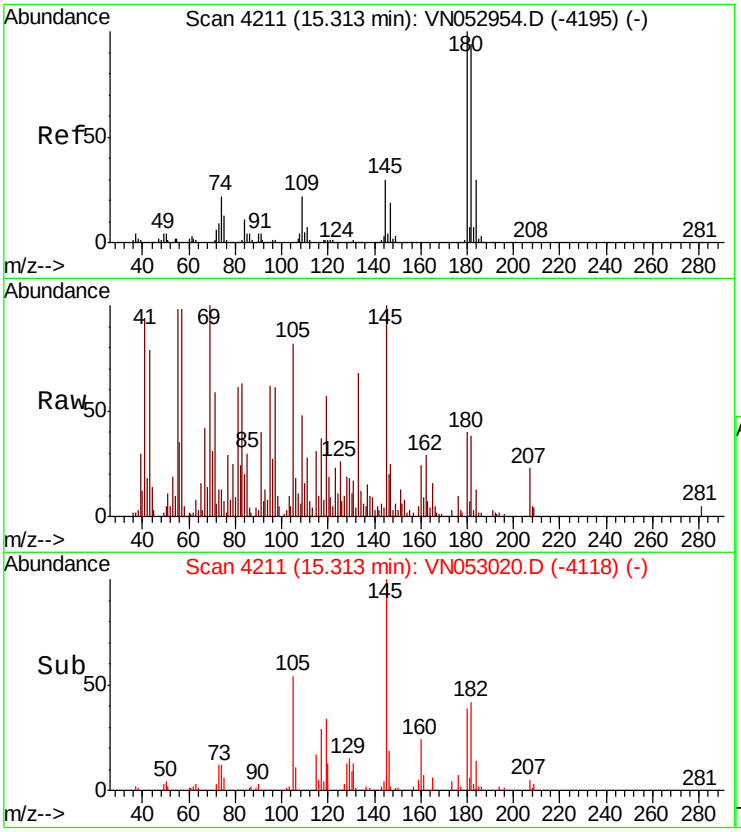


#95
Naphthalene
Concen: 33.787 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Tgt Ion:128 Resp: 898639

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.608 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053020.D
Acq: 19 Dec 2018 19:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 12290

Ion	Ratio	Lower	Upper
180	100		
182	73.0	47.9	143.7
145	0.0	15.0	45.0#