Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
Data File : VN054128.D
Acq On : 6 Mar 2019 20:25
Operator : JC/SP
Sample : K1755-26
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : COMP-2

Quant Time: Mar 07 07:39:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	602605	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	1084916	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1104781	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	503712	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	375729	51.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.84%				
35) Dibromofluoromethane	7.59	113	339959	48.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.50%				
50) Toluene-d8	10.09	98	1395881	52.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.34%				
62) 4-Bromofluorobenzene	12.40	95	537897	61.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 123.48%				
Target Compounds							Qvalue
16) Acetone	3.81	43	202617	90.901	ug/l		95
18) Methyl Acetate	4.32	43	668810	127.224	ug/l		99
25) 2-Butanone	6.83	43	234861	79.194	ug/l		98
37) Ethyl Acetate	6.93	43	144498	19.720	ug/l		99
39) Methylcyclohexane	9.08	83	15093	1.284	ug/l		95
40) Benzene	8.04	78	1729565	57.408	ug/l		100
44) Trichloroethene	8.84	130	76	0.009	ug/l		2
45) 1,2-Dichloropropane	9.12	63	172	0.021	ug/l	#	44
47) Bromodichloromethane	9.26	83	179	0.018	ug/l	#	25
52) Toluene	10.16	92	1266788	70.972	ug/l		99
53) t-1,3-Dichloropropene	10.28	75	1934	0.197	ug/l	#	1
54) cis-1,3-Dichloropropene	9.93	75	237	0.020	ug/l	#	1
57) 1,3-Dichloropropane	10.81	76	1010	0.088	ug/l		93
60) Dibromochloromethane	10.63	129	137	0.019	ug/l	#	11
64) Tetrachloroethene	10.63	164	428	0.047	ug/l	#	52
65) Chlorobenzene	11.44	112	1110	0.048	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.54	131	1128	0.137	ug/l	#	8
67) Ethyl Benzene	11.51	91	325734	8.467	ug/l		100
68) m/p-Xylenes	11.62	106	726369	50.031	ug/l		99
69) o-Xylene	11.95	106	458024	32.784	ug/l		95
73) Isopropylbenzene	12.25	105	77905	1.944	ug/l		99
78) n-propylbenzene	12.59	91	345474	7.660	ug/l		97
80) 1,3,5-Trimethylbenzene	12.73	105	488557	14.995	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	1300955	40.231	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	624	0.036	ug/l	#	52
88) 1,4-Dichlorobenzene	13.36	146	1210	0.070	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.90	180	763	0.092	ug/l	#	81
95) Naphthalene	15.13	128	4511355	220.756	ug/l		100

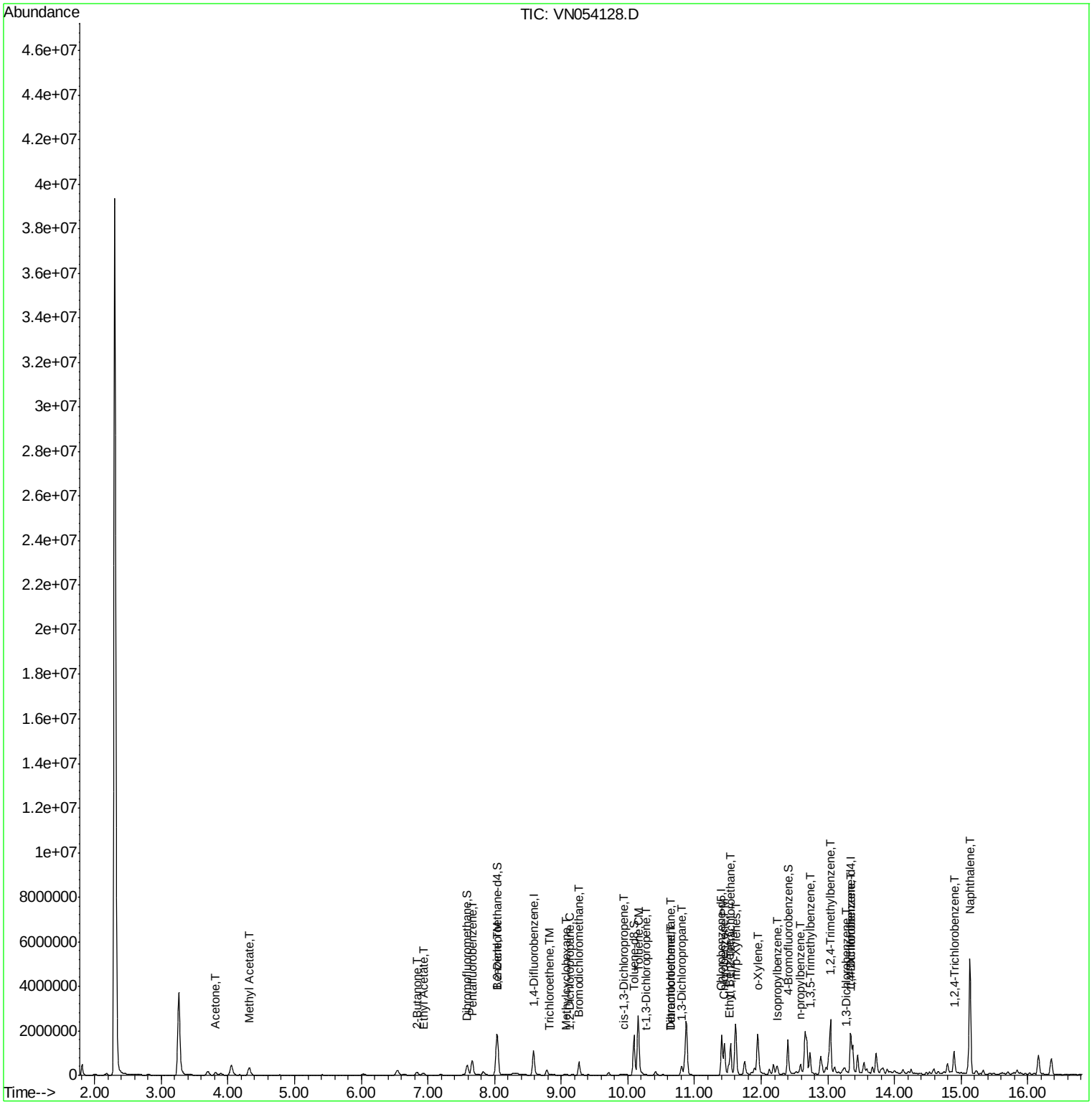
(#) = qualifier out of range (m) = manual integration (+) = signals summed

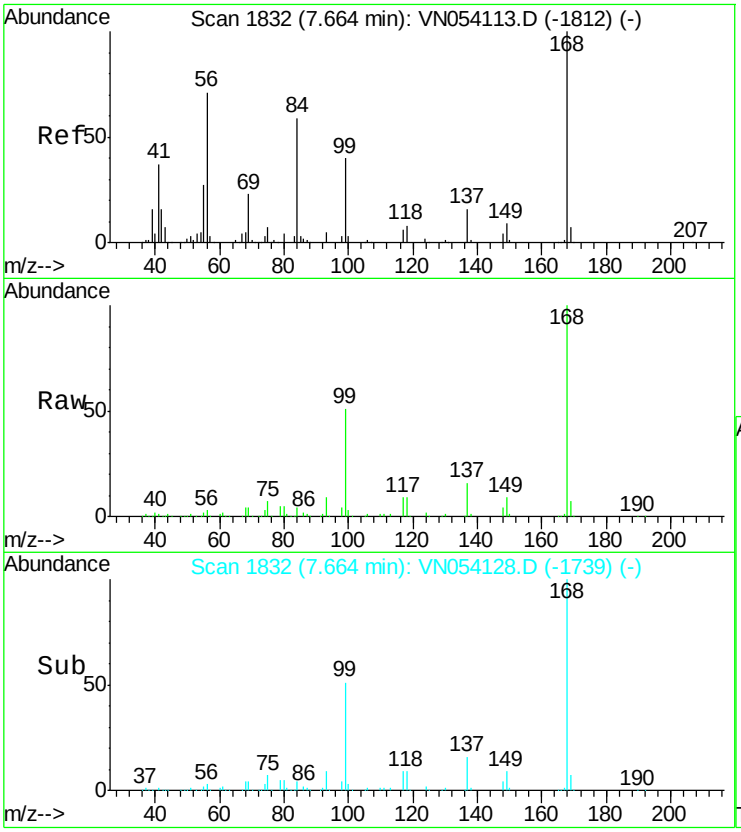
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030619\
Data File : VN054128.D
Acq On : 6 Mar 2019 20:25
Operator : JC/SP
Sample : K1755-26
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Quant Time: Mar 07 07:39:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:25:49 2019
Response via : Initial Calibration



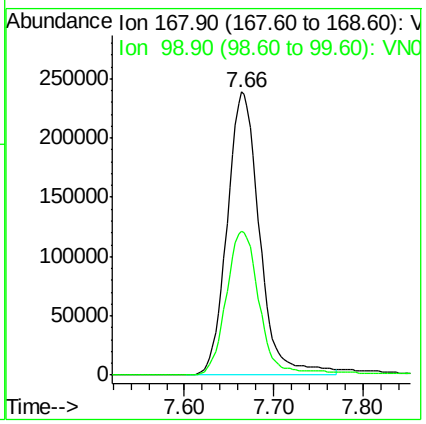


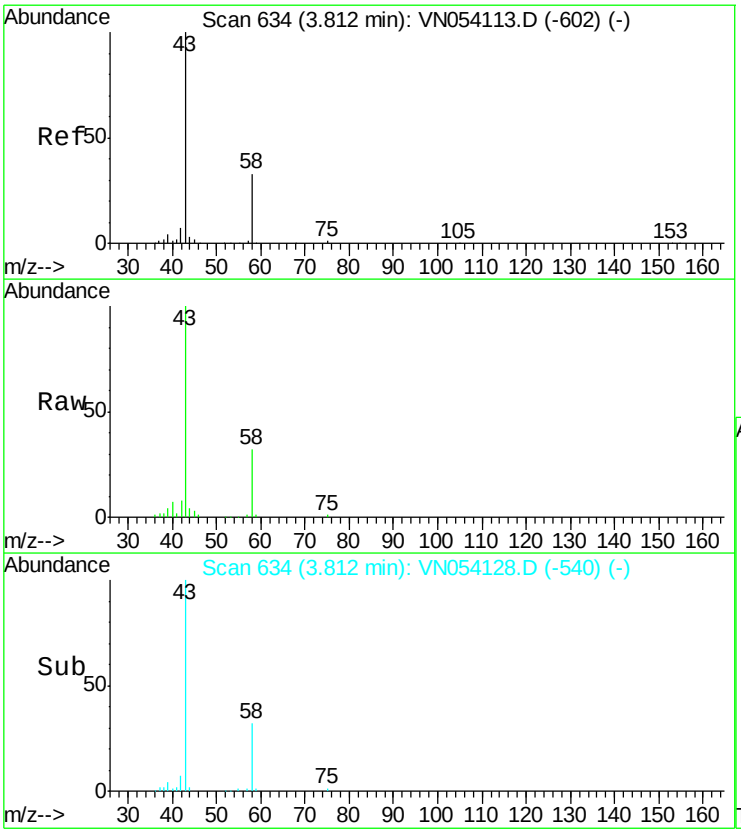
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 602605

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.1	61.7

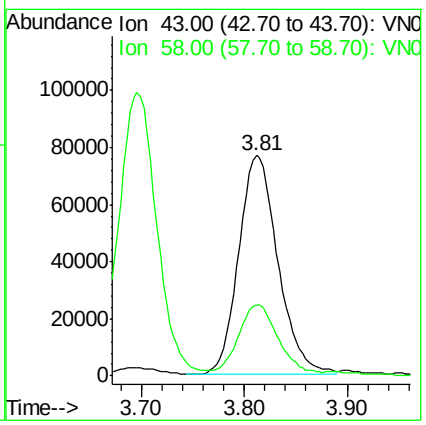


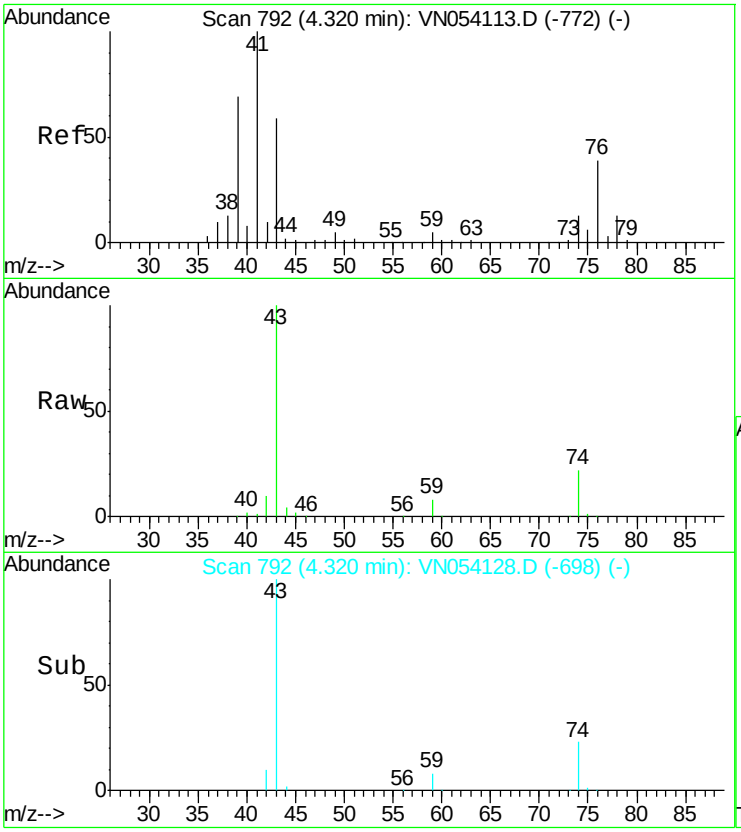


#16
Acetone
Concen: 90.901 ug/l
RT: 3.81 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 43 Resp: 202617

Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.5	39.7



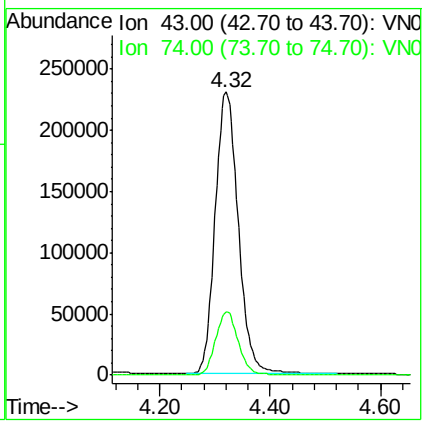


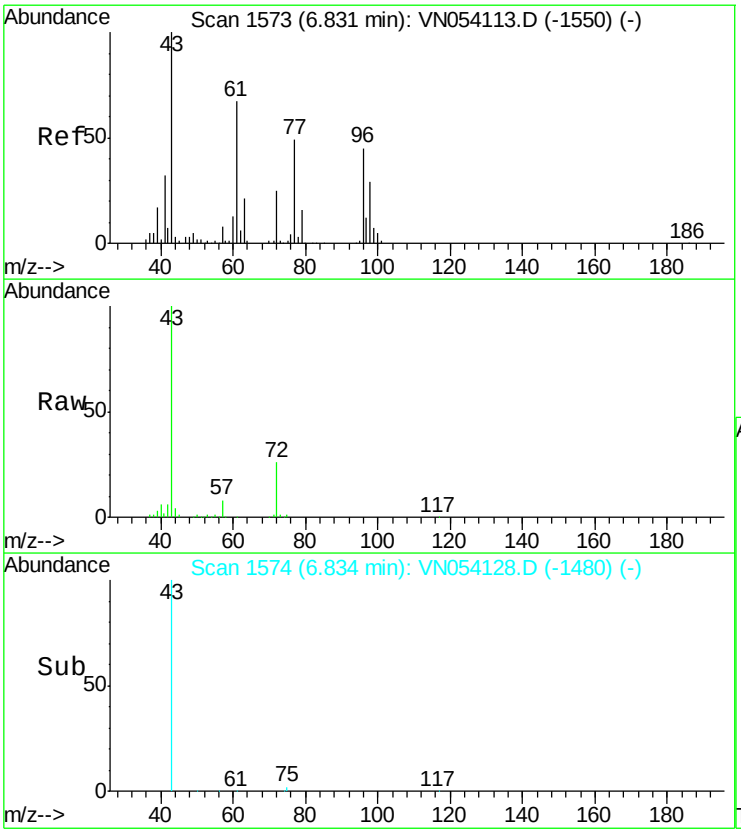
#18
Methyl Acetate
Concen: 127.224 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 43 Resp: 668810

Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.2	27.2

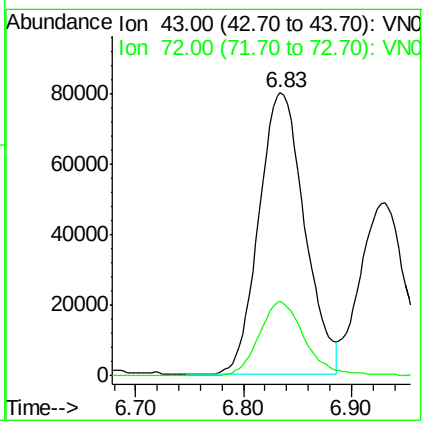


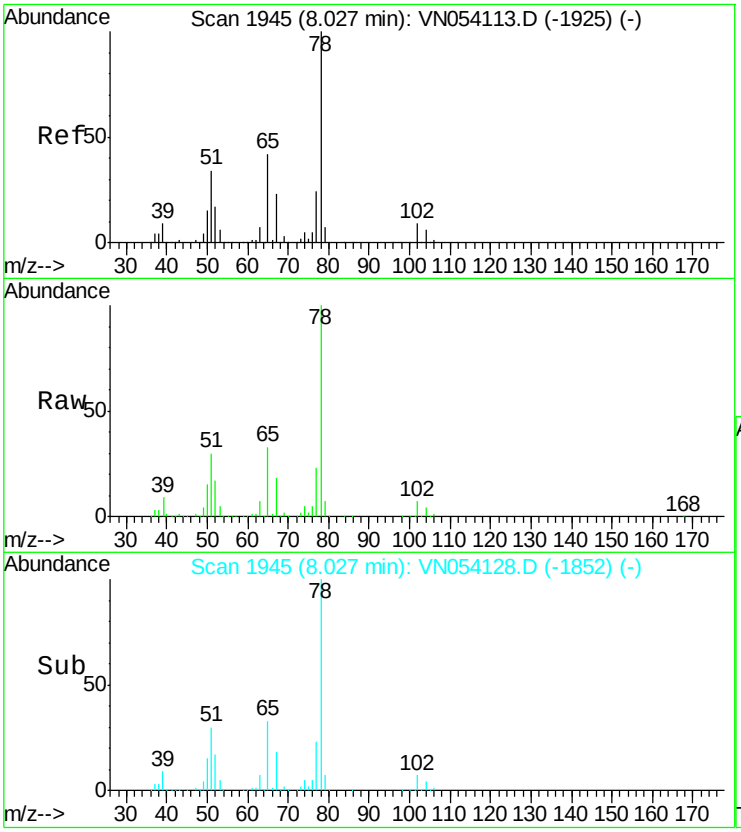


#25
2-Butanone
Concen: 79.194 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 43 Resp: 234861

Ion	Ratio	Lower	Upper
43	100		
72	26.1	20.2	30.2



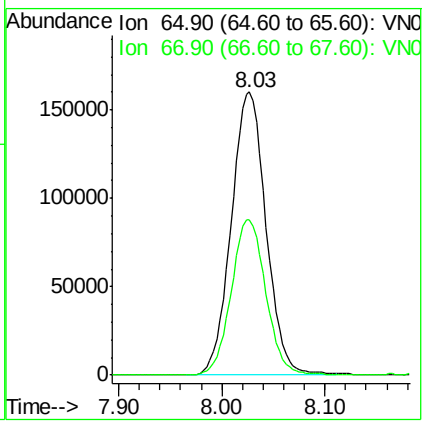


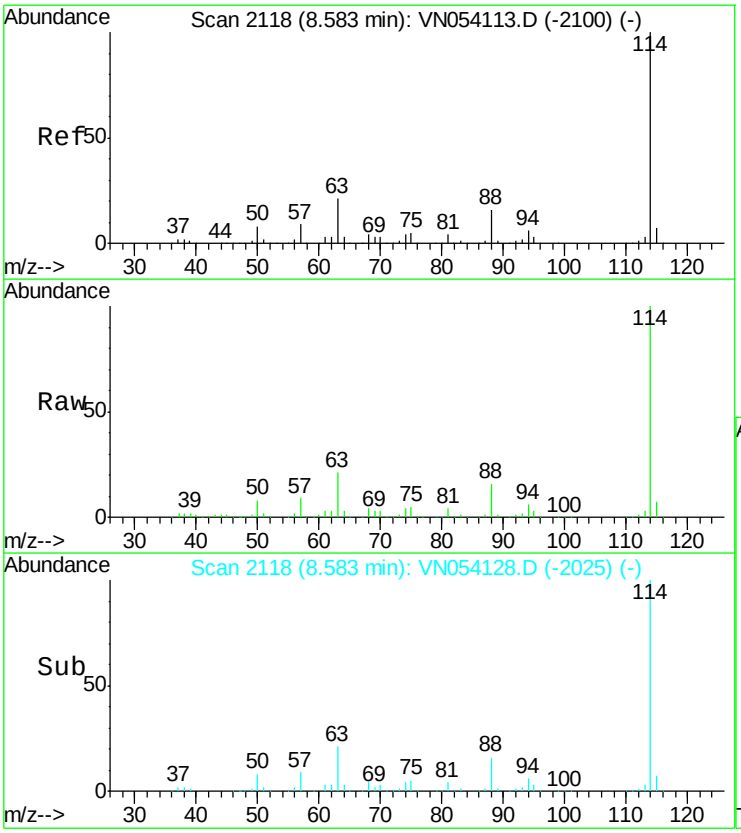
#33
1,2-Dichloroethane-d4
Concen: 51.917 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 65 Resp: 375729

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.6

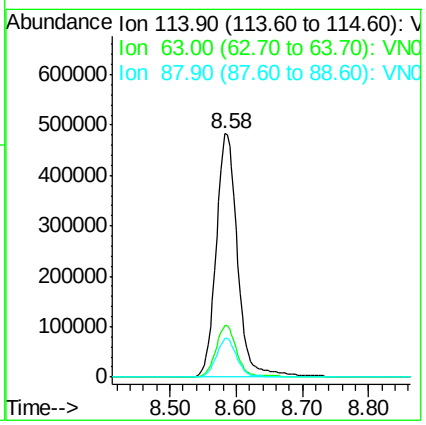


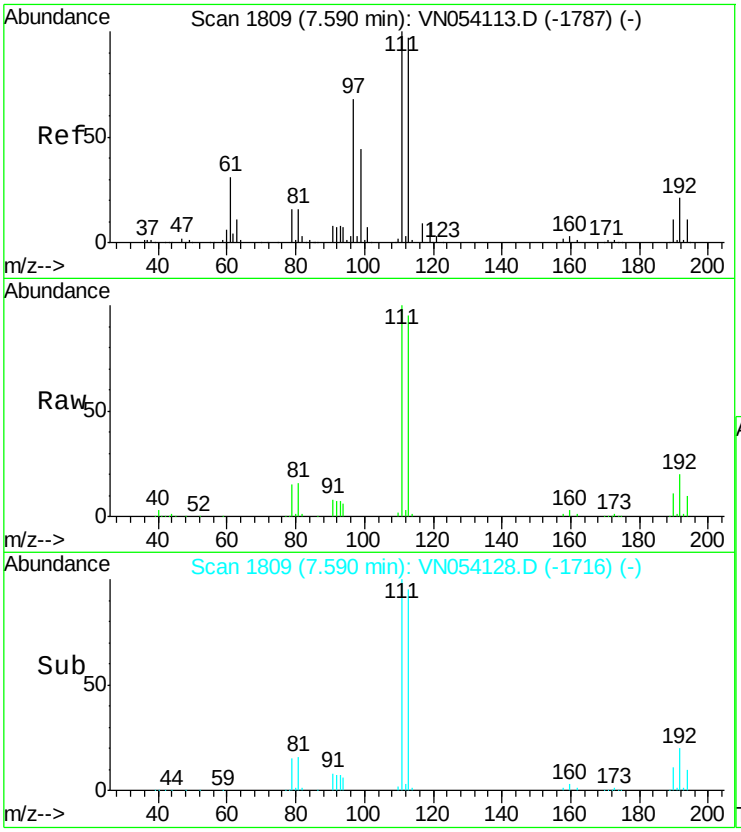


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:114 Resp: 1084916

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	15.8	0.0	31.8



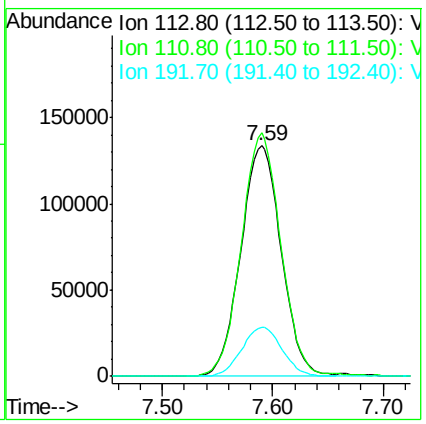


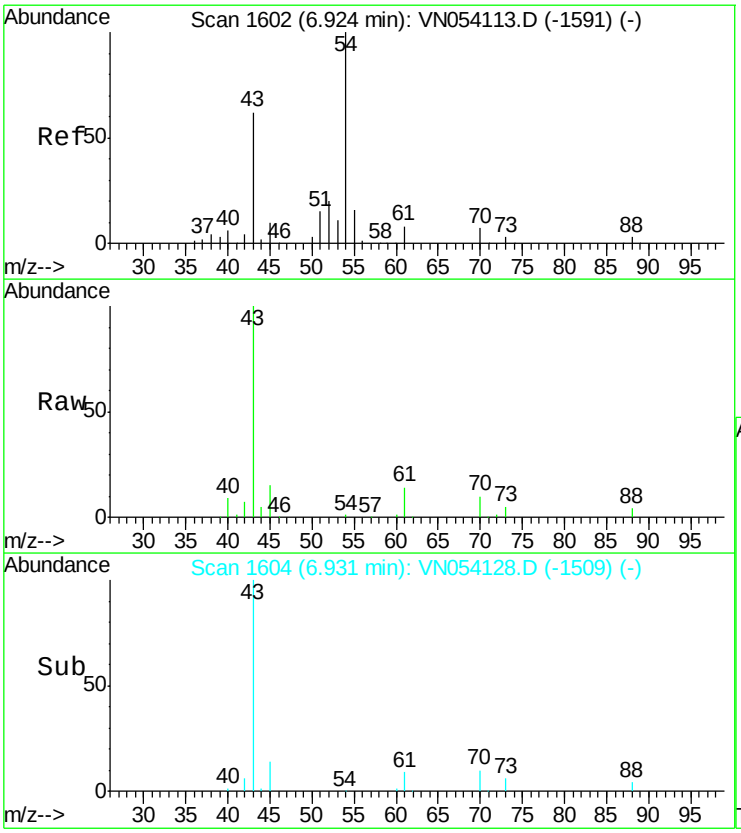
#35
Dibromofluoromethane
Concen: 48.246 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:113 Resp: 339959

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.1	123.1
192	21.3	17.4	26.0

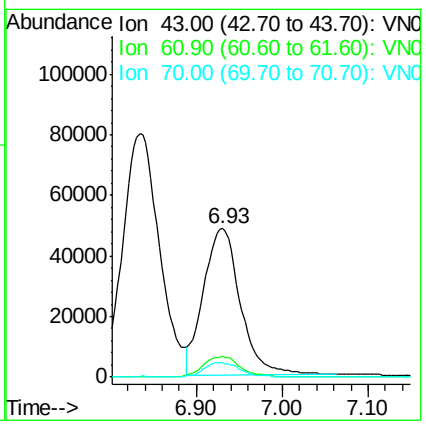


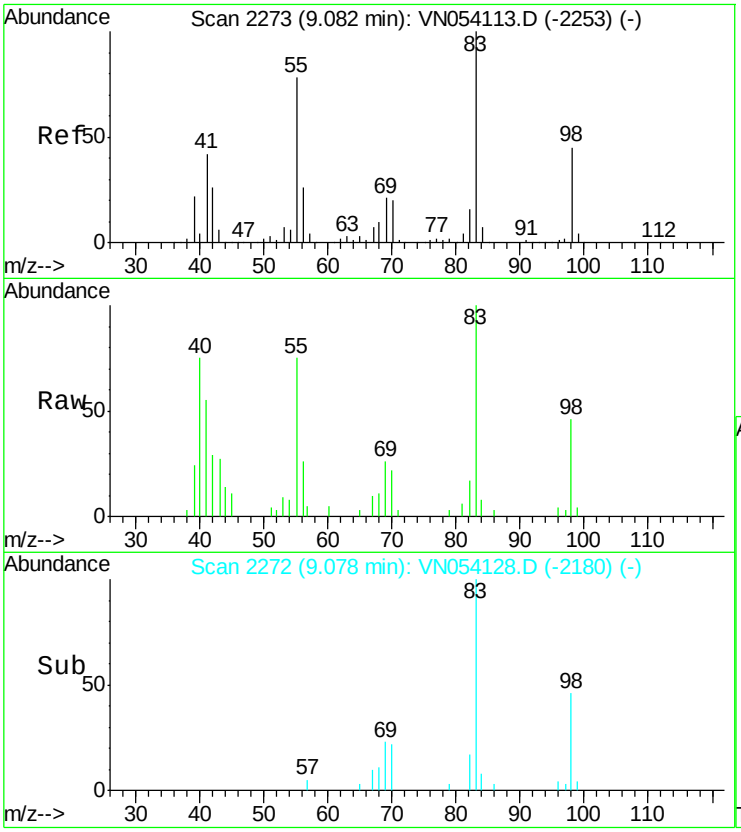


#37
Ethyl Acetate
Concen: 19.720 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 43 Resp: 144498

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.0	7.6	11.4



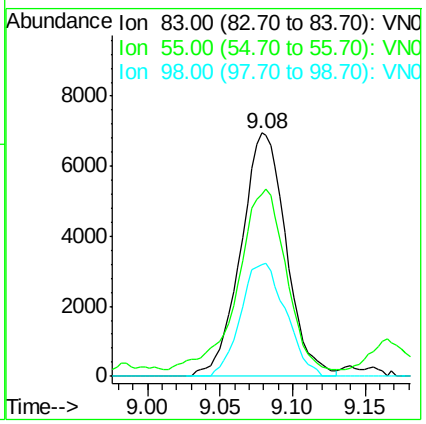


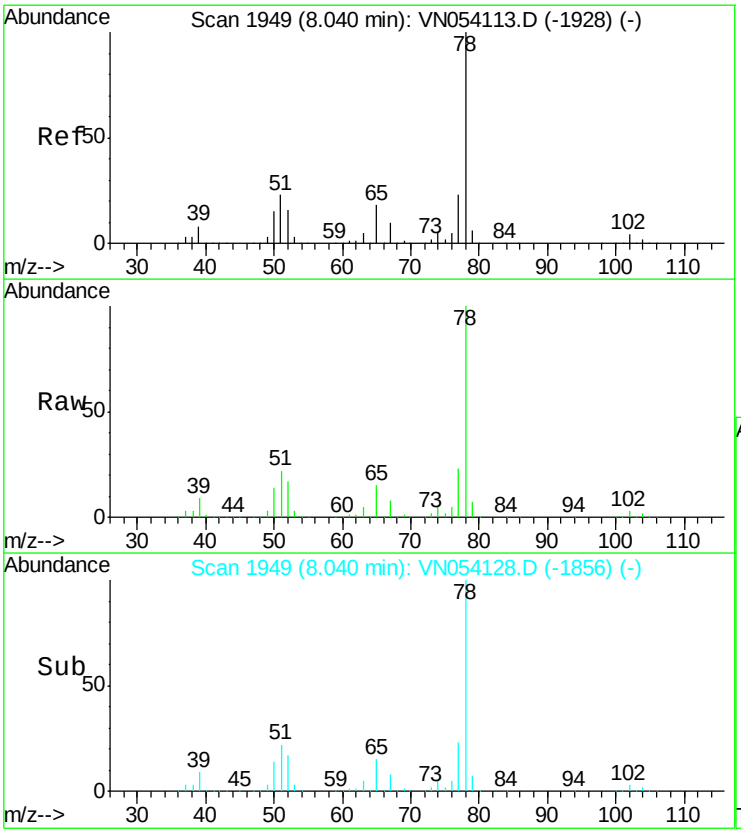
#39
Methylcyclohexane
Concen: 1.284 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 83 Resp: 15093

Ion	Ratio	Lower	Upper
83	100		
55	72.0	62.1	93.1
98	46.1	36.0	54.0

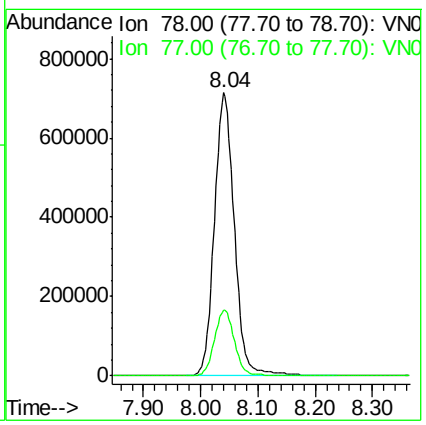


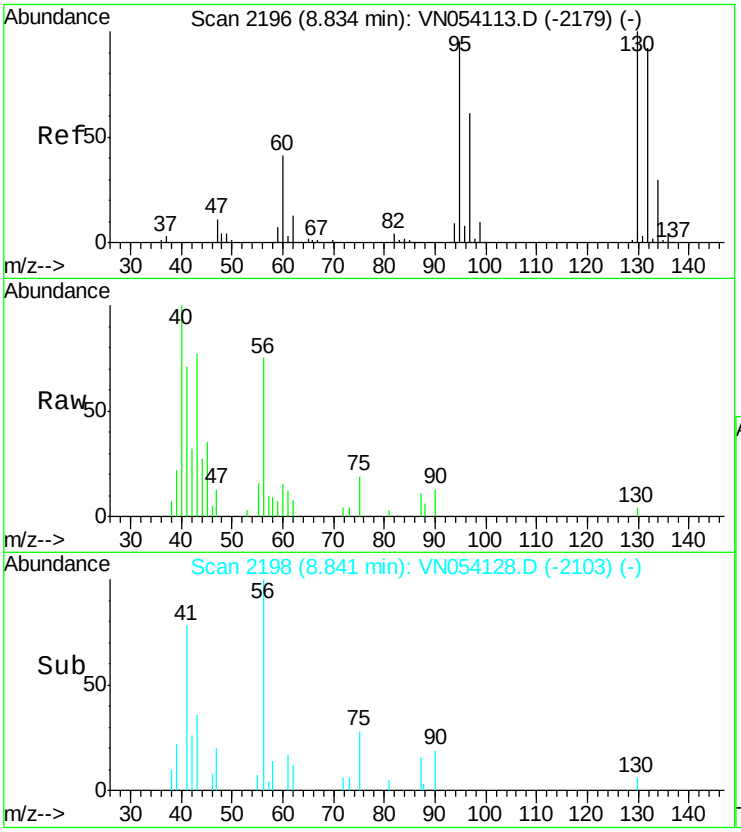


#40
Benzene
Concen: 57.408 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 78 Resp: 1729565

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



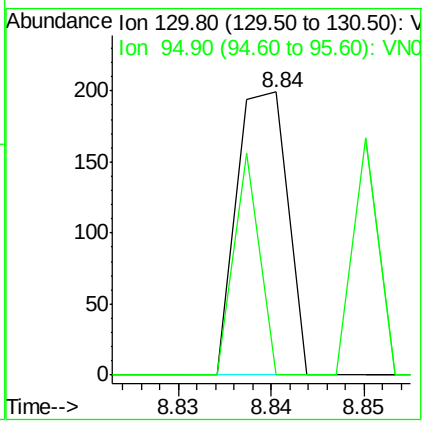


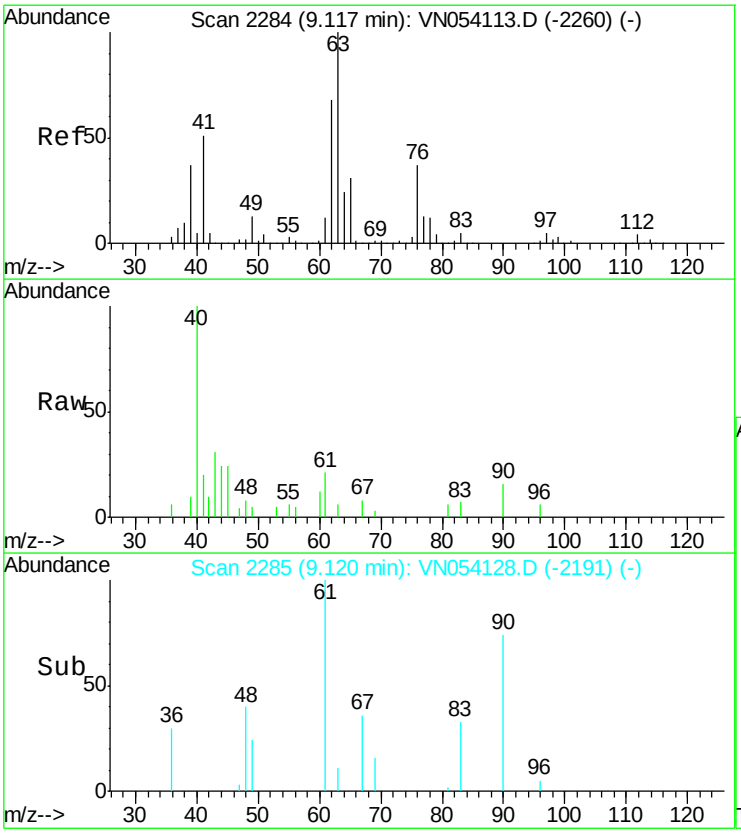
#44
Trichloroethene
Concen: 0.009 ug/l
RT: 8.84 min Scan# 2198
Delta R.T. 0.01 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:130 Resp: 76

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	189.4

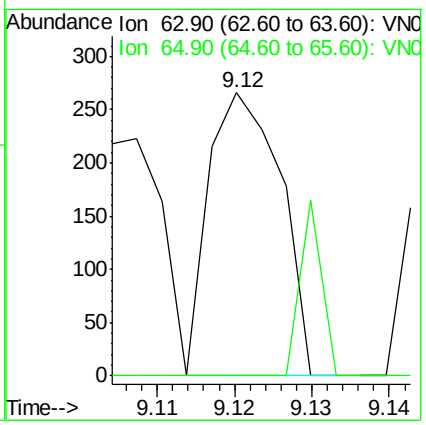


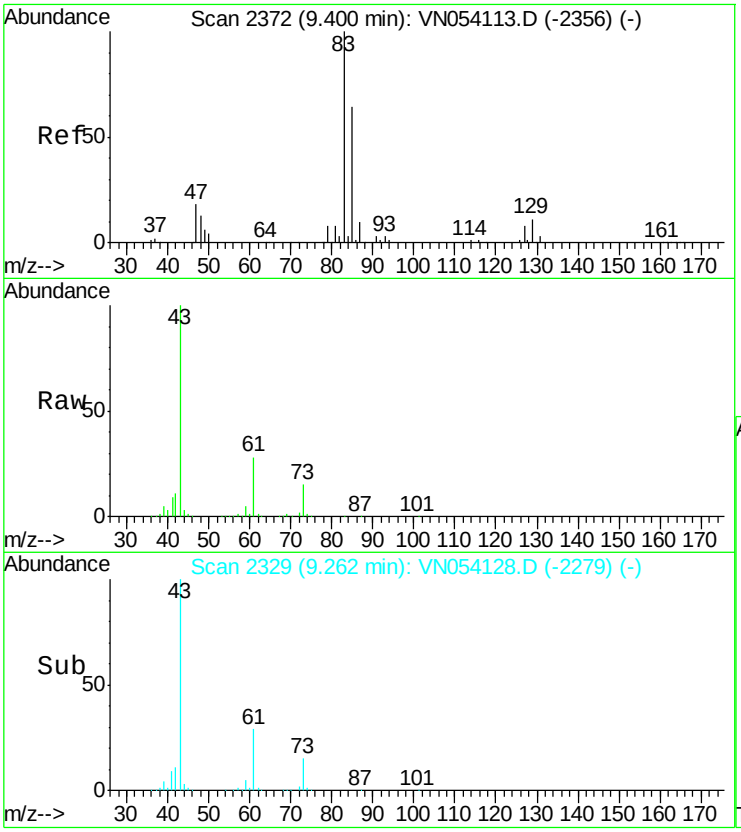


#45
1,2-Dichloropropane
Concen: 0.021 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 63 Resp: 172

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	36.8#



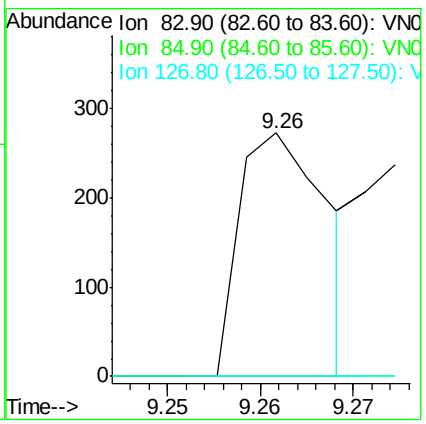


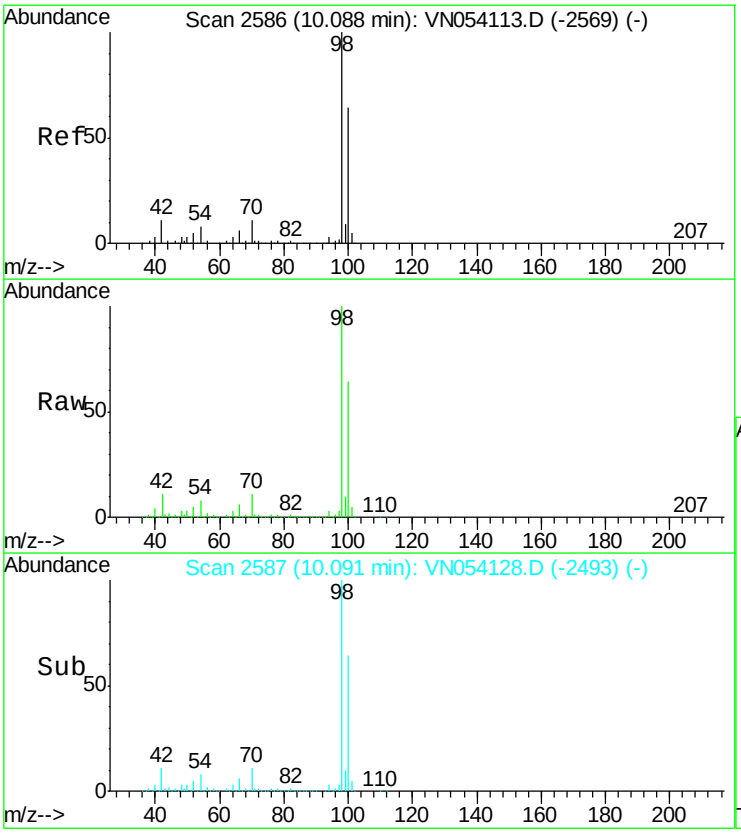
#47
Bromodichloromethane
Concen: 0.018 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. -0.14 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 83 Resp: 179

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.4#
127	0.0	6.5	9.7#

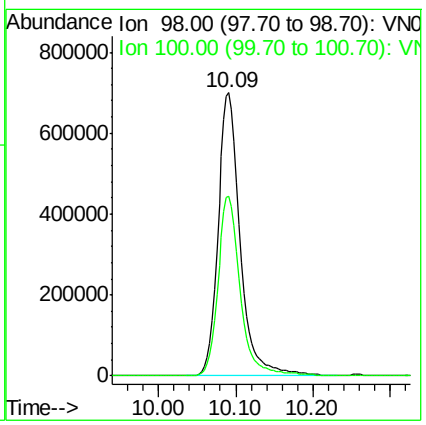


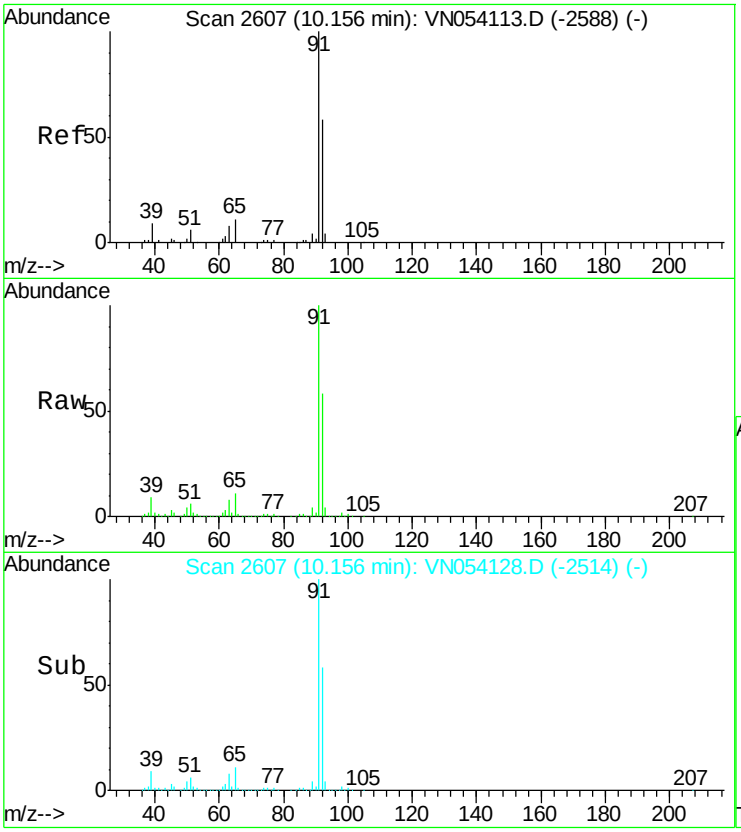


#50
Toluene-d8
Concen: 52.167 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 98 Resp: 1395881

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5



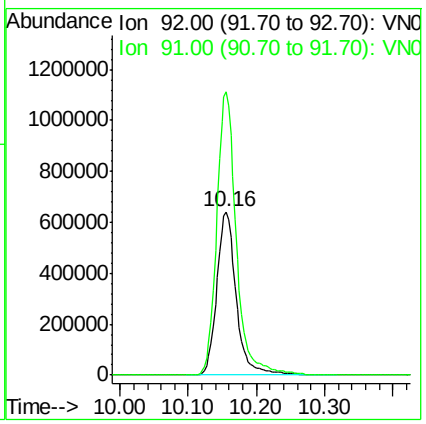


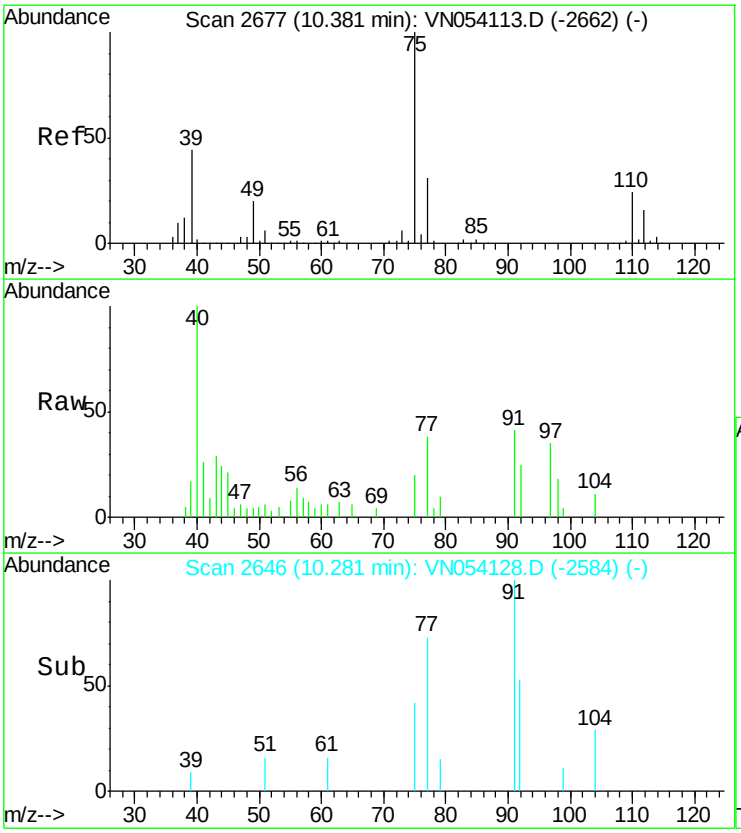
#52
Toluene
Concen: 70.972 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 92 Resp: 1266788

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.0	208.6

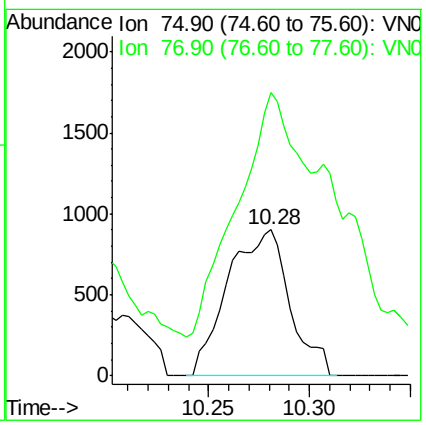


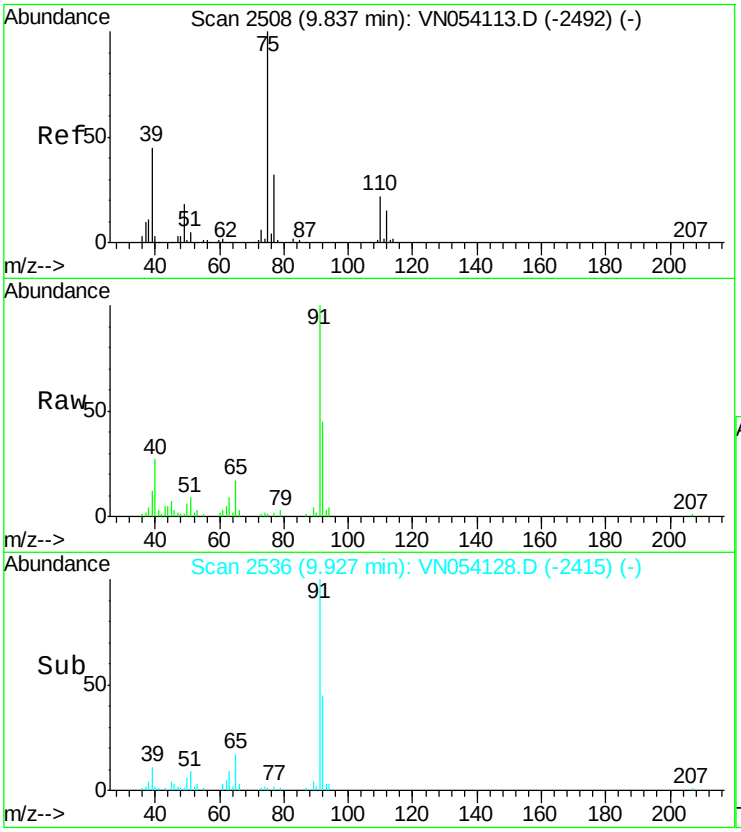


#53
t-1,3-Dichloropropene
Concen: 0.197 ug/l
RT: 10.28 min Scan# 2646
Delta R.T. -0.10 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 75 Resp: 1934

Ion	Ratio	Lower	Upper
75	100		
77	167.3	24.9	37.3#



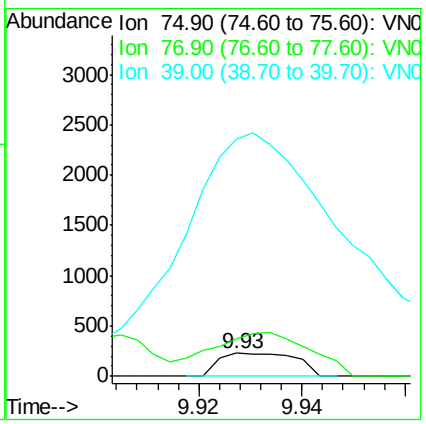


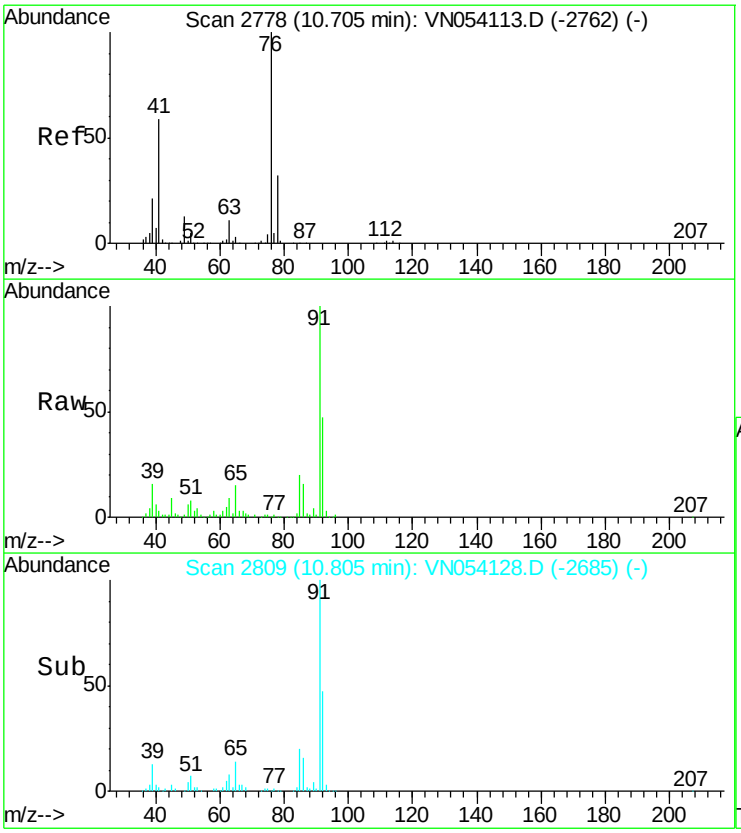
#54
cis-1,3-Dichloropropene
Concen: 0.020 ug/l
RT: 9.93 min Scan# 2536
Delta R.T. 0.09 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 75 Resp: 237

Ion	Ratio	Lower	Upper
75	100		
77	93.9	25.4	38.0#
39	411.8	36.2	54.2#

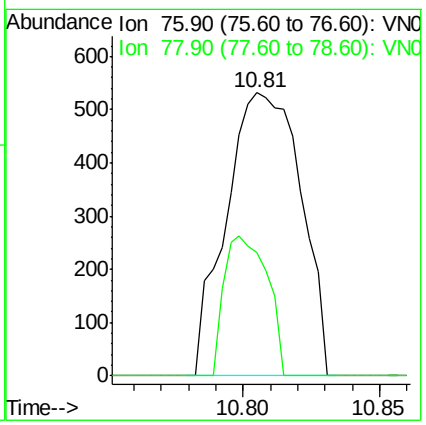


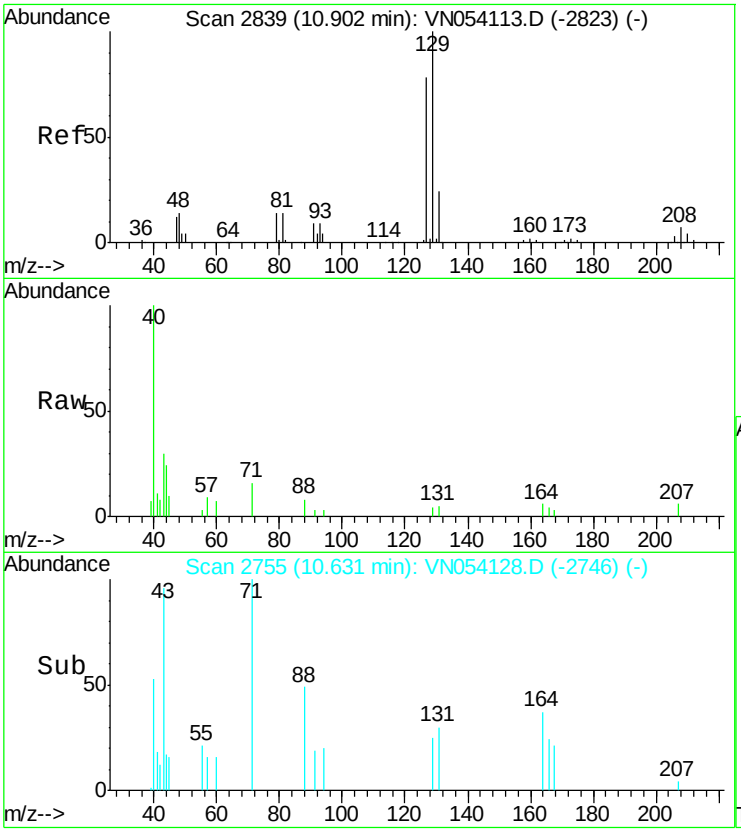


#57
1,3-Dichloropropane
Concen: 0.088 ug/l
RT: 10.81 min Scan# 2809
Delta R.T. 0.10 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 76 Resp: 1010

Ion	Ratio	Lower	Upper
76	100		
78	28.7	25.9	38.9



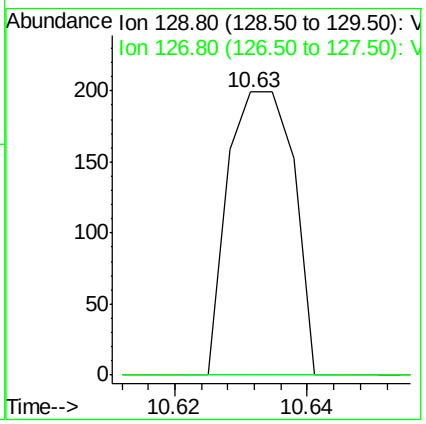


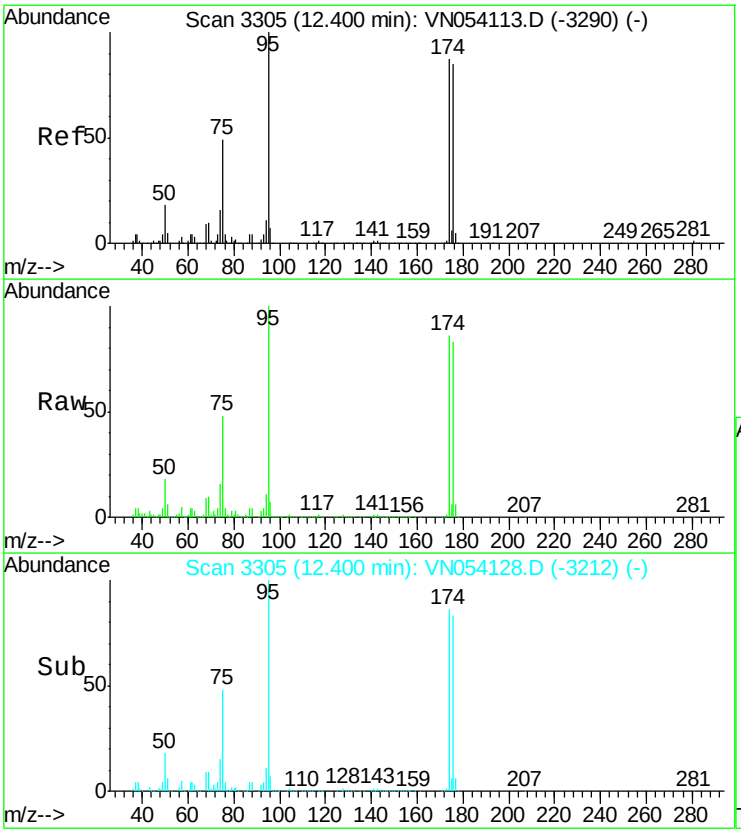
#60
Dibromochloromethane
Concen: 0.019 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:129 Resp: 137

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#

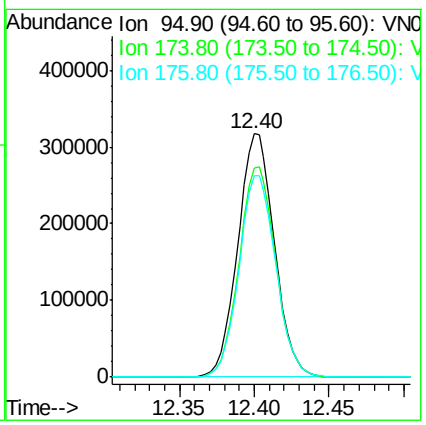


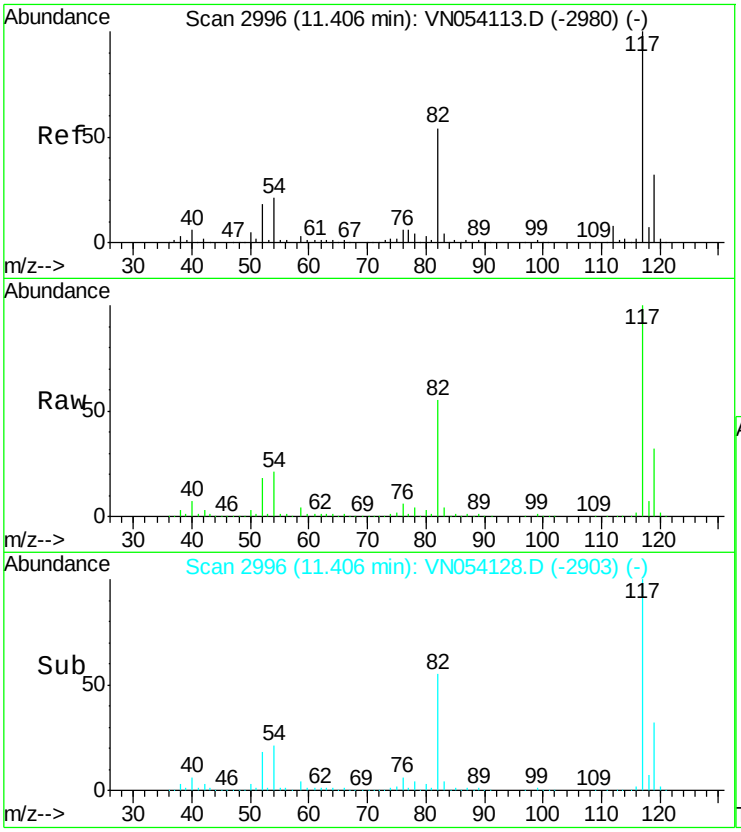


#62
4-Bromofluorobenzene
Concen: 61.745 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 95 Resp: 537897

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	173.2
176	83.7	0.0	168.8



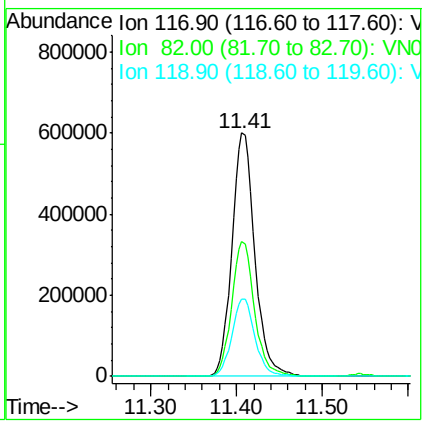


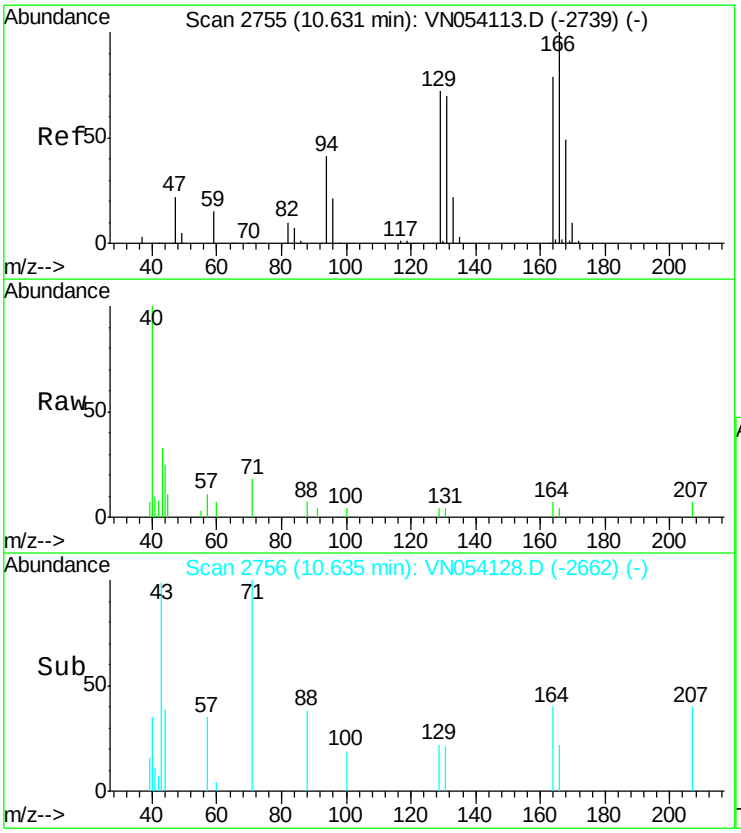
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 1104781

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.4	65.2
119	31.9	26.0	39.0

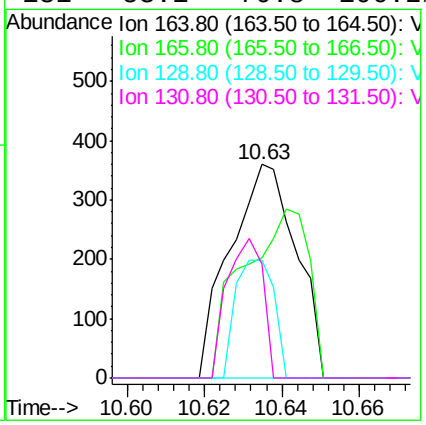


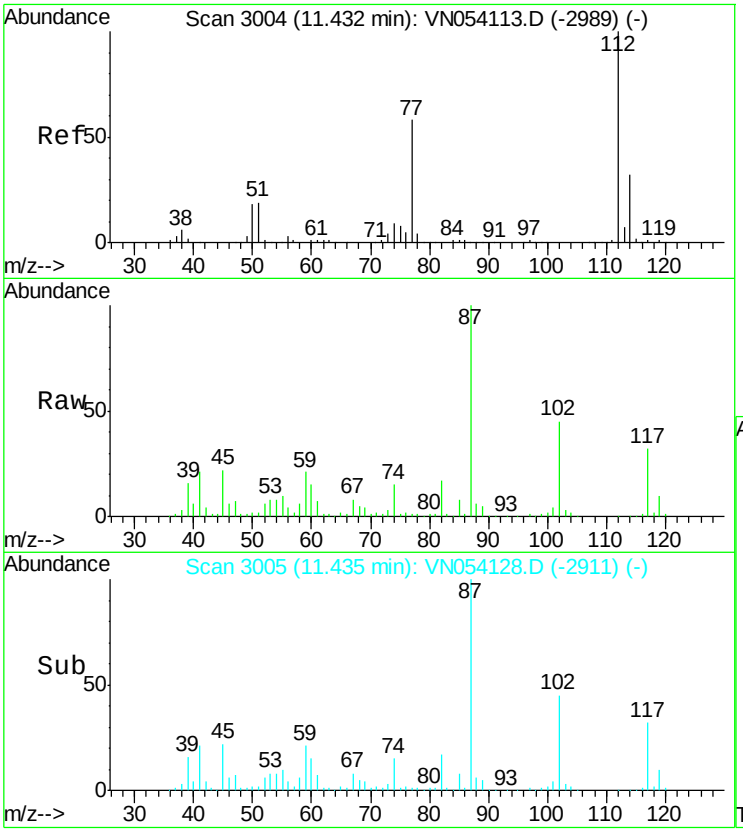


#64
Tetrachloroethene
Concen: 0.047 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:164 Resp: 428

Ion	Ratio	Lower	Upper
164	100		
166	56.1	101.3	151.9#
129	55.3	73.2	109.8#
131	53.1	70.8	106.2#



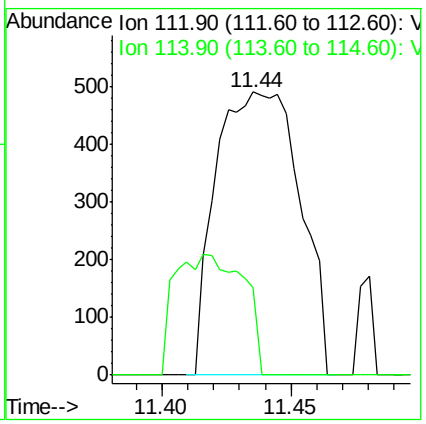


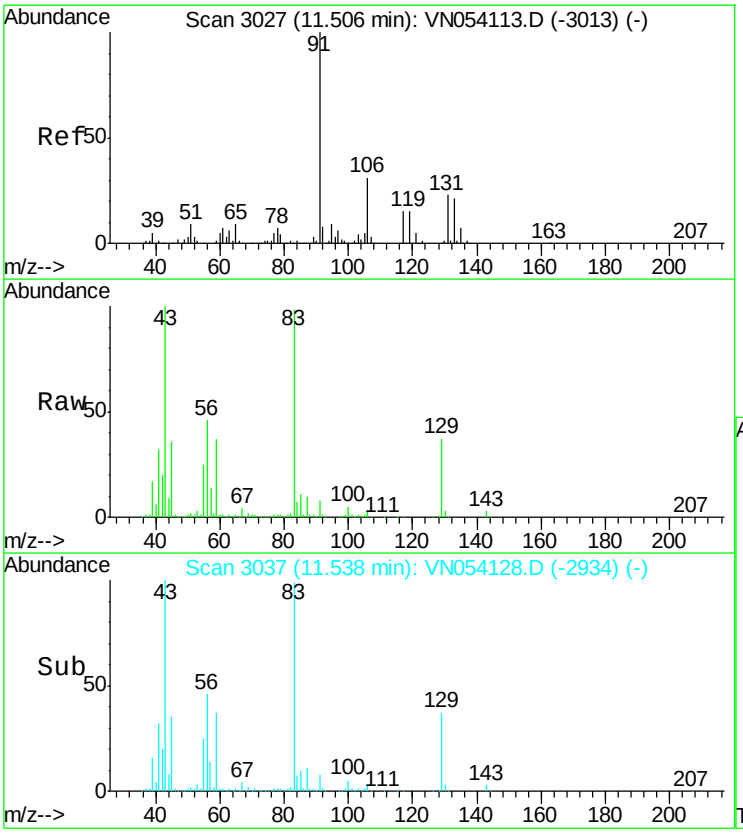
#65
Chlorobenzene
Concen: 0.048 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:112 Resp: 1110

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.4	38.0

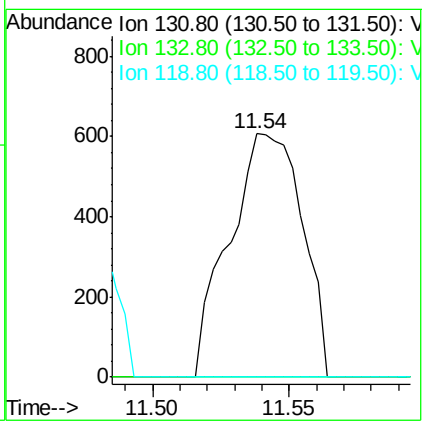


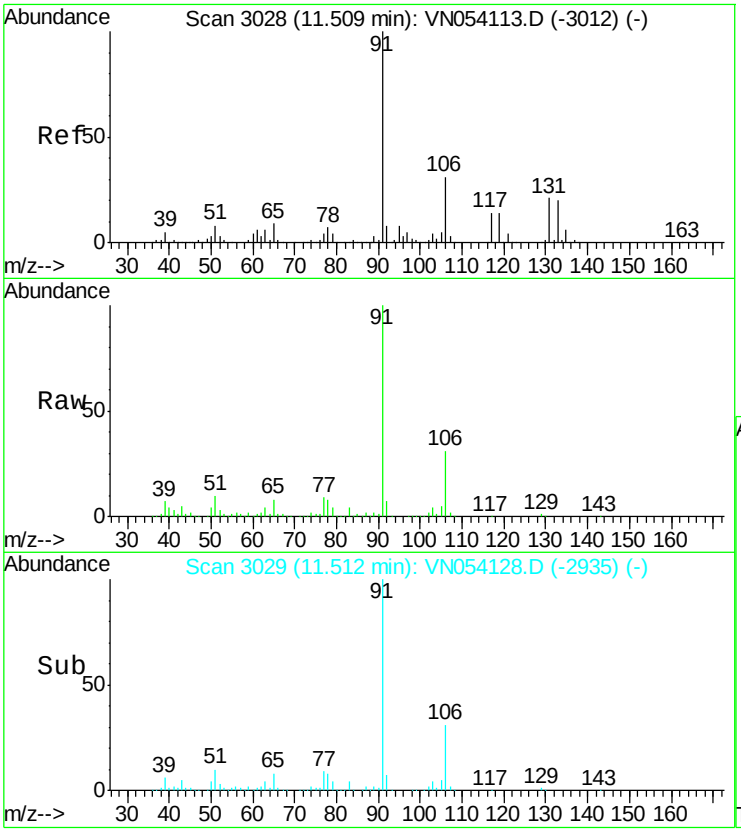


#66
1,1,1,2-Tetrachloroethane
Concen: 0.137 ug/l
RT: 11.54 min Scan# 3037
Delta R.T. 0.03 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:131 Resp: 1128

Ion	Ratio	Lower	Upper
131	100		
133	0.0	47.6	142.9#
119	0.0	33.8	101.3#



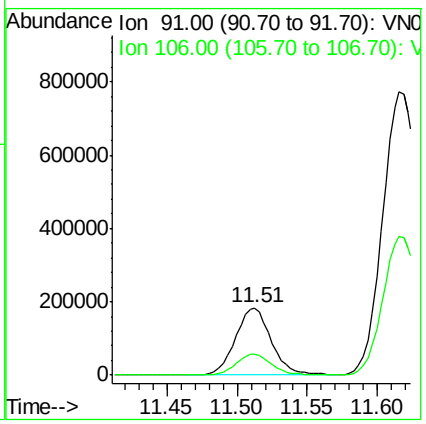


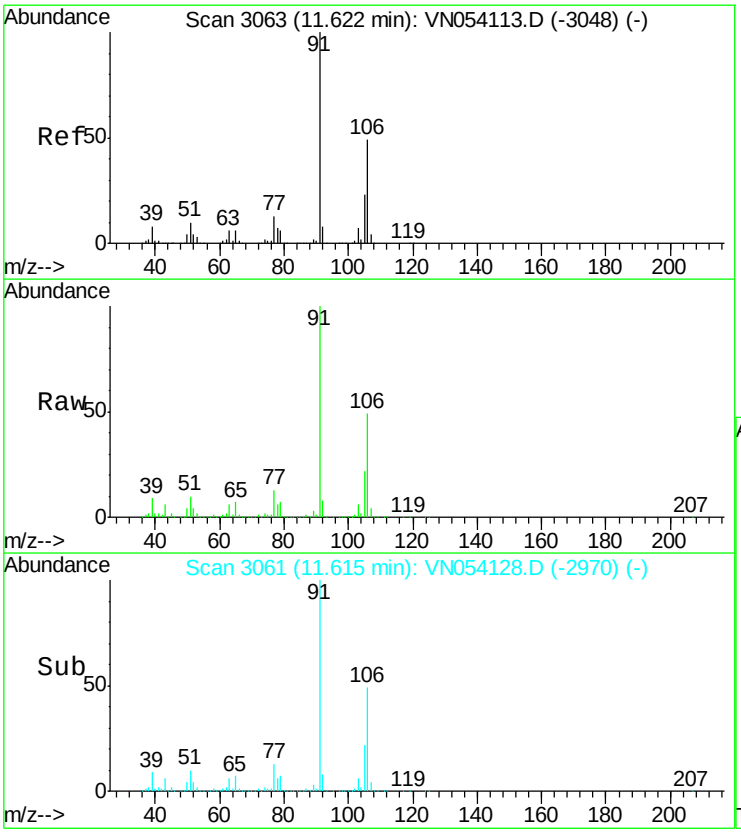
#67
Ethyl Benzene
Concen: 8.467 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument : MSVOA_N
ClientSampleId : COMP-2

Tgt Ion: 91 Resp: 325734

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	36.8

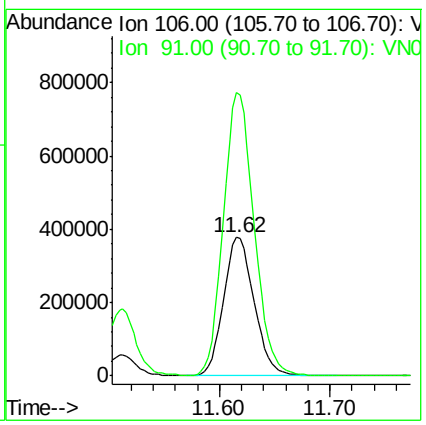


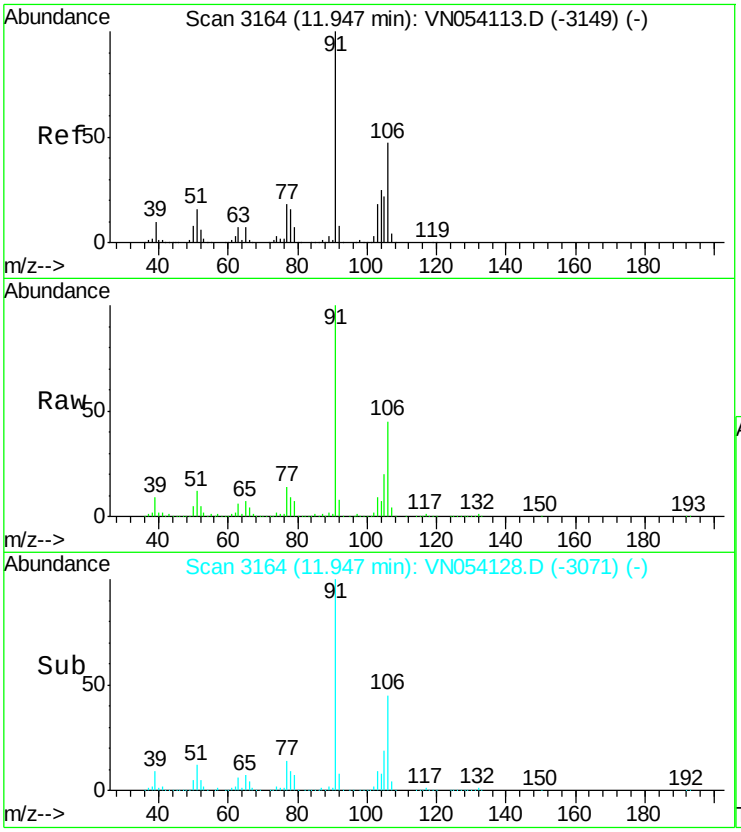


#68
m/p-Xylenes
Concen: 50.031 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:106 Resp: 726369

Ion	Ratio	Lower	Upper
106	100		
91	205.2	163.2	244.8



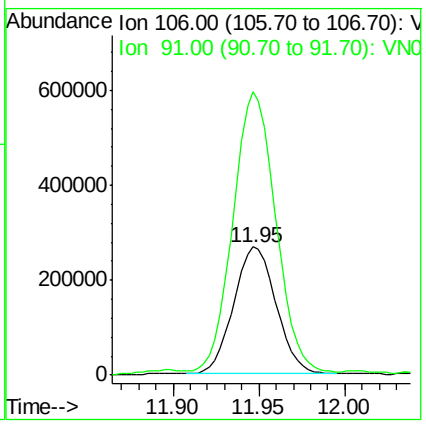


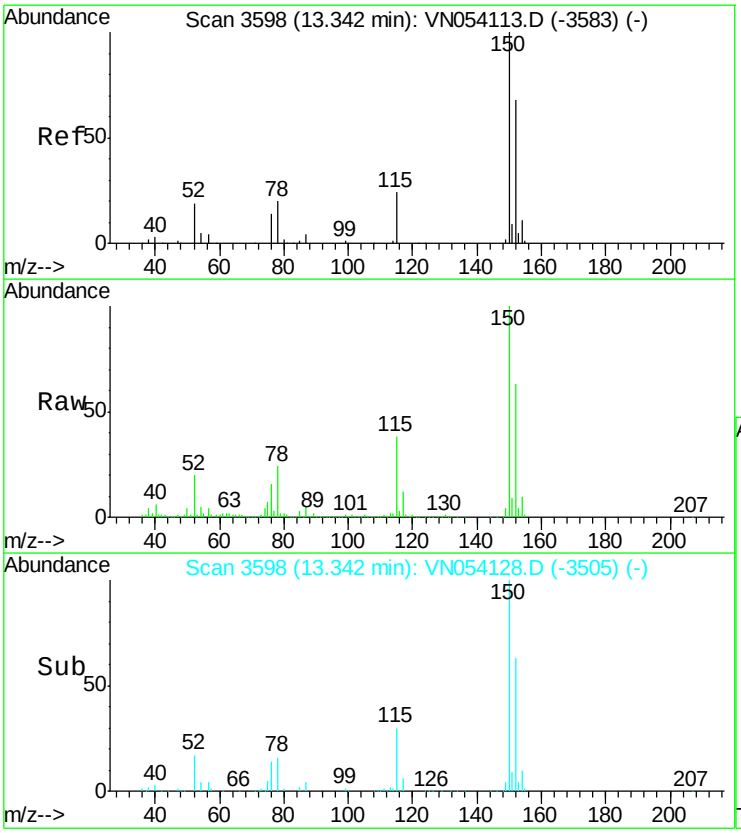
#69
o-Xylene
Concen: 32.784 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:106 Resp: 458024

Ion	Ratio	Lower	Upper
106	100		
91	221.7	107.1	321.3

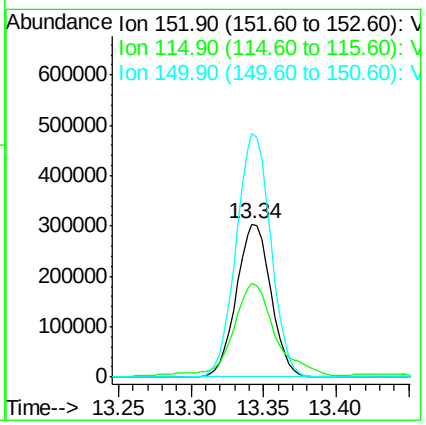


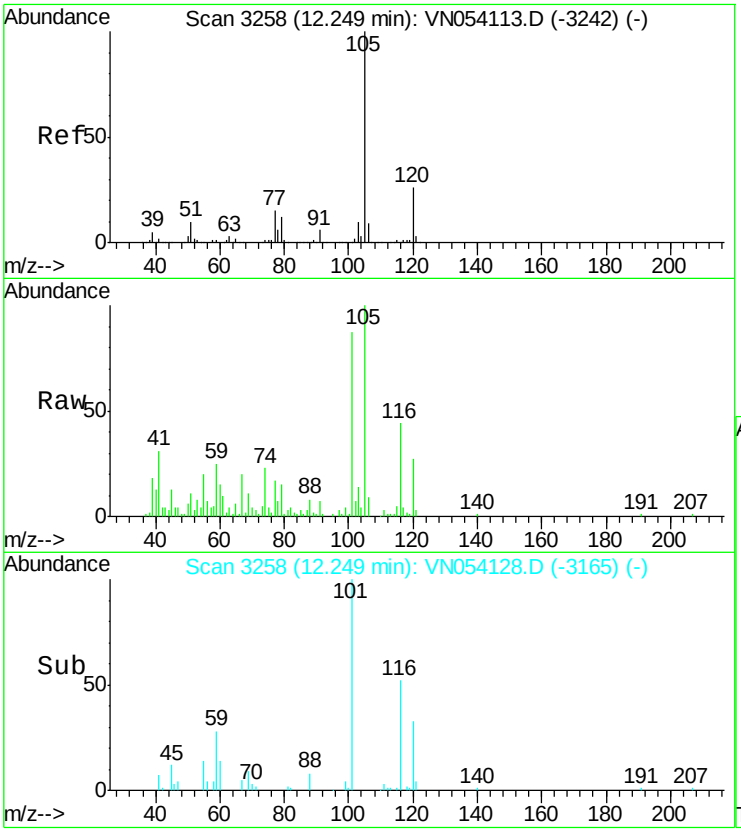


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:152 Resp: 503712

Ion	Ratio	Lower	Upper
152	100		
115	74.6	28.5	85.6
150	159.2	0.0	343.2



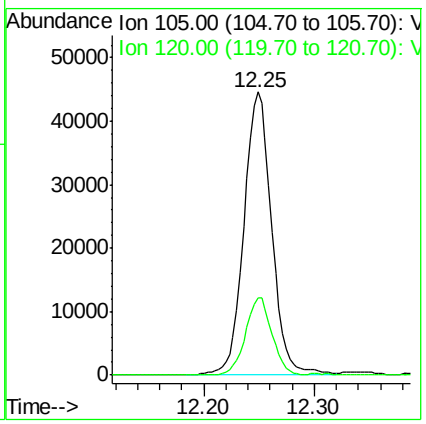


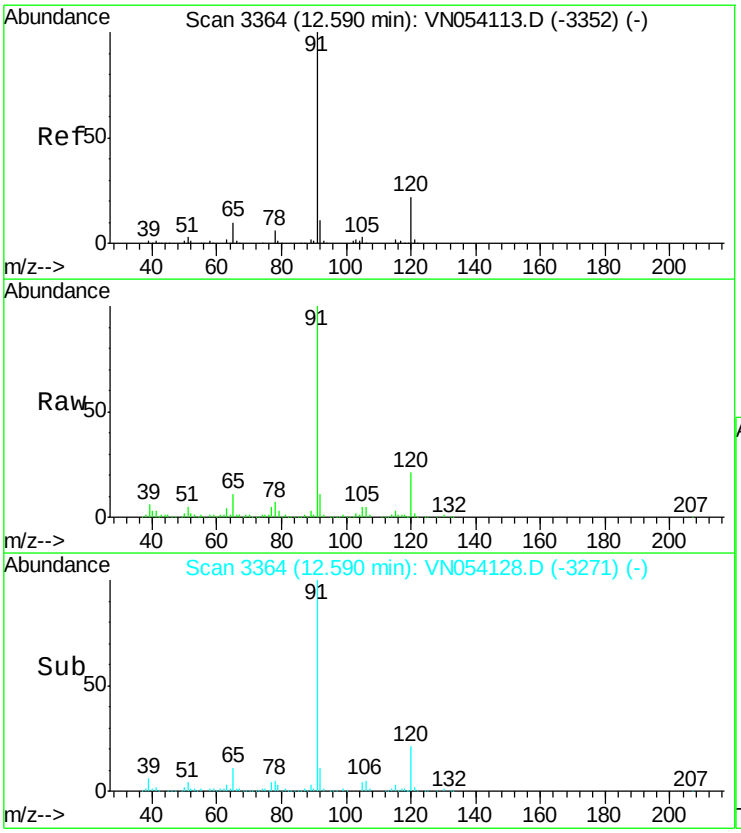
#73
Isopropylbenzene
Concen: 1.944 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:105 Resp: 77905

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.8

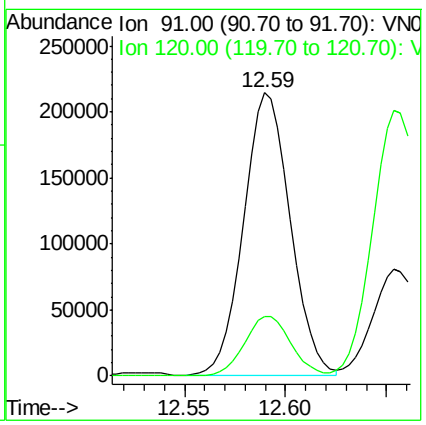


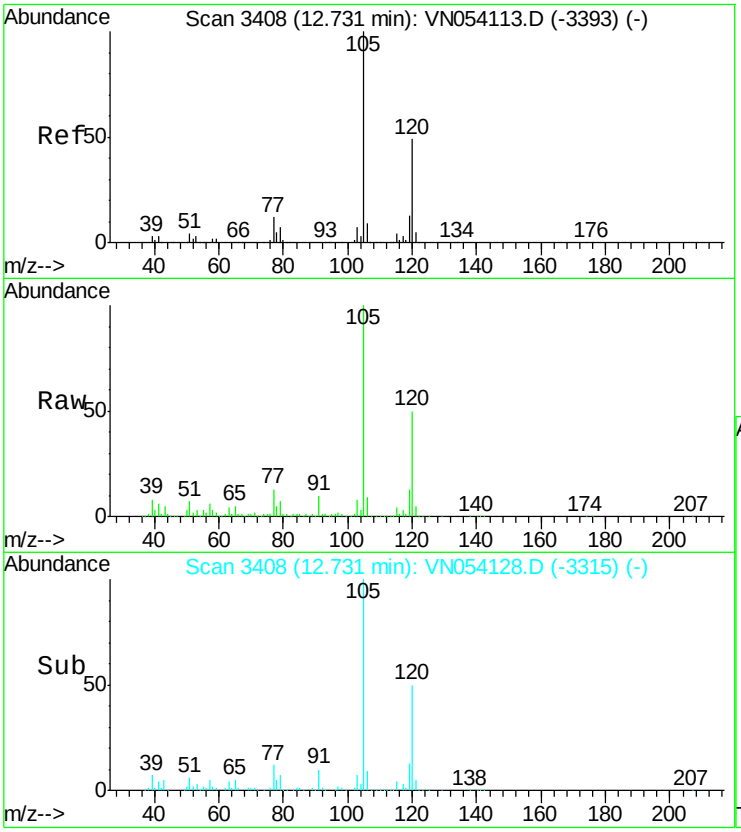


#78
n-propylbenzene
Concen: 7.660 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion: 91 Resp: 345474

Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.3	33.9



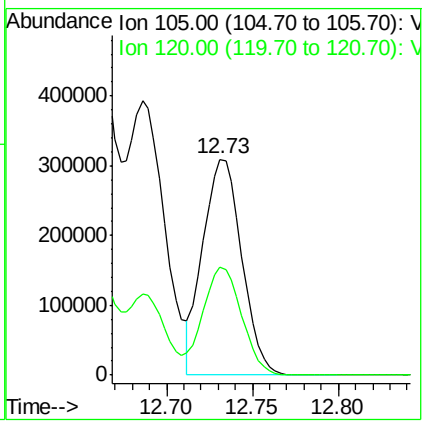


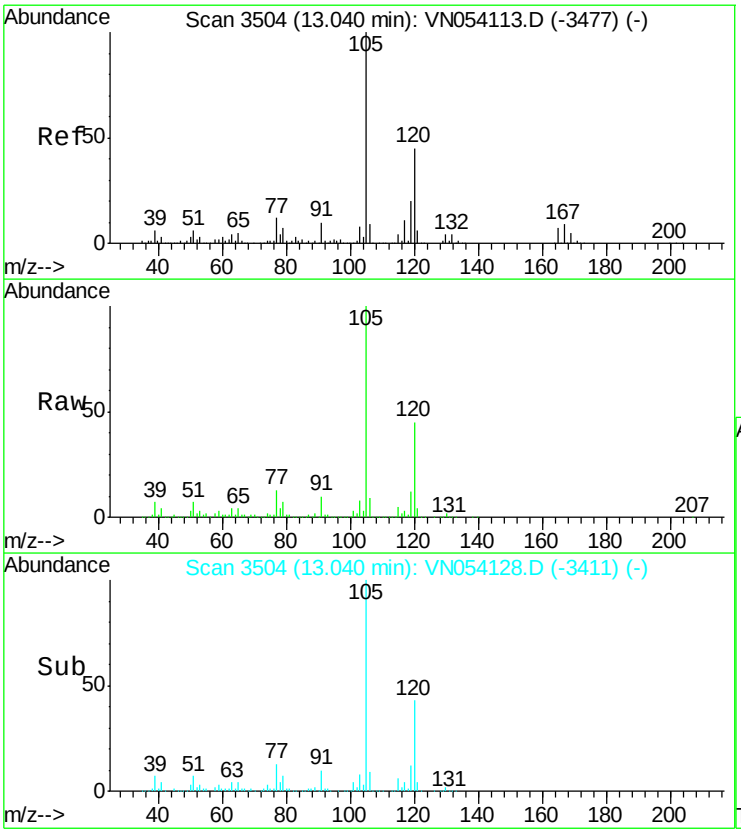
#80
1,3,5-Trimethylbenzene
Concen: 14.995 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:105 Resp: 488557

Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.6	73.8

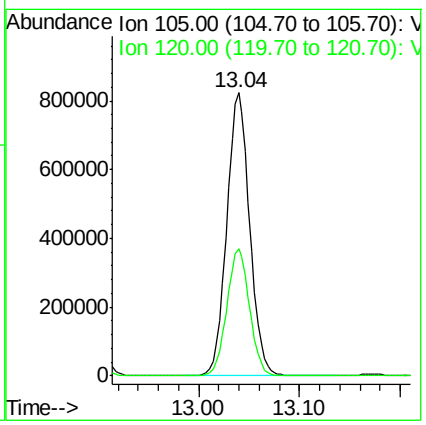


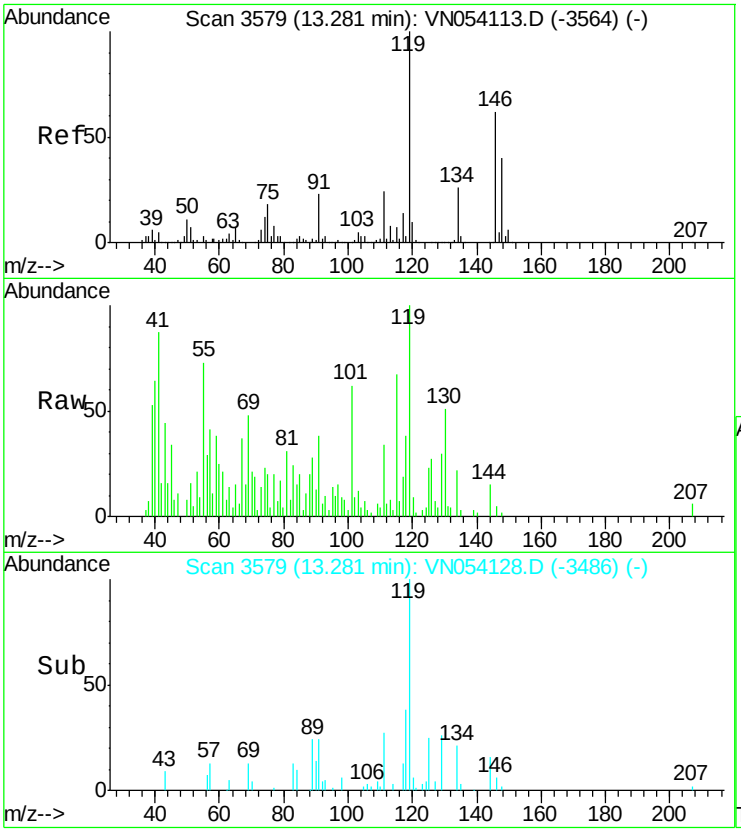


#84
1,2,4-Trimethylbenzene
Concen: 40.231 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:105 Resp: 1300955

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7



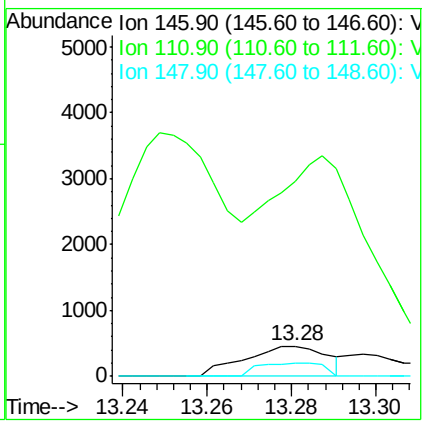


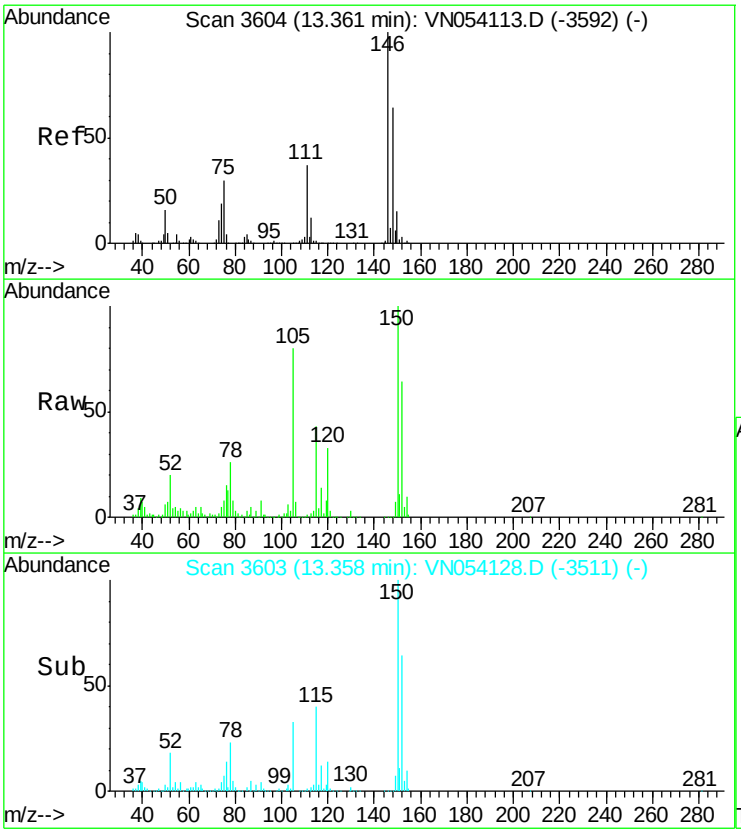
#87
1,3-Dichlorobenzene
Concen: 0.036 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:146 Resp: 624

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.8#
148	34.0	32.4	97.0

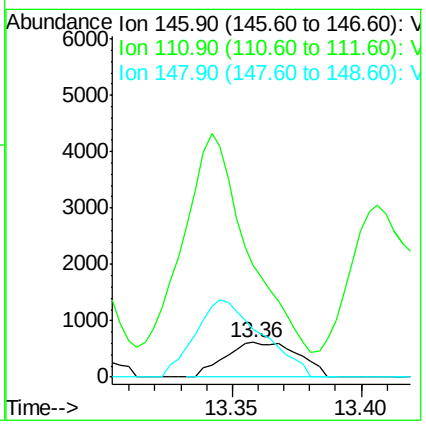


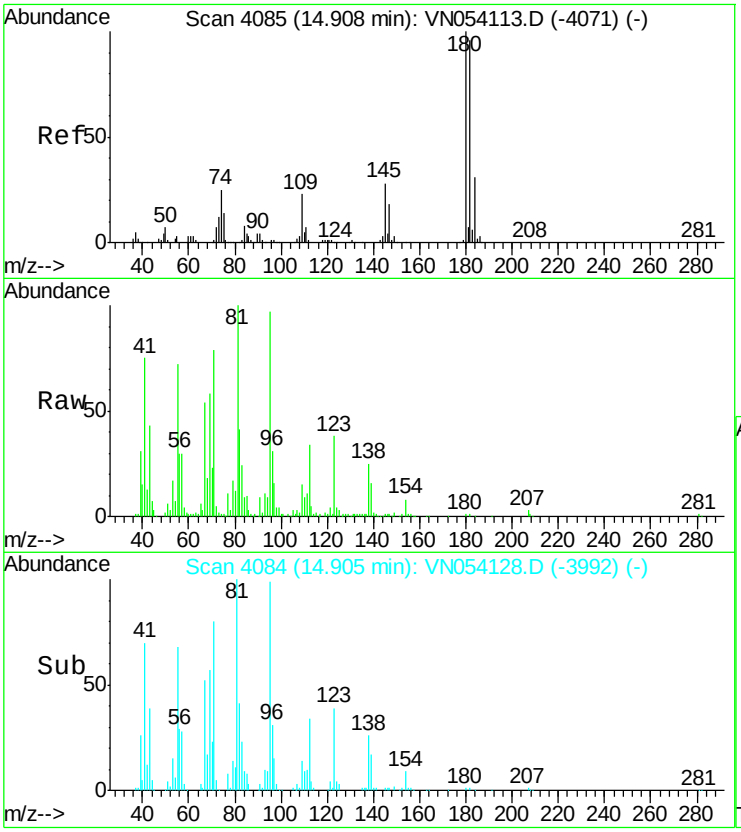


#88
1,4-Dichlorobenzene
Concen: 0.070 ug/l
RT: 13.36 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:146 Resp: 1210

Ion	Ratio	Lower	Upper
146	100		
111	539.9	18.9	56.5#
148	203.0	32.1	96.5#



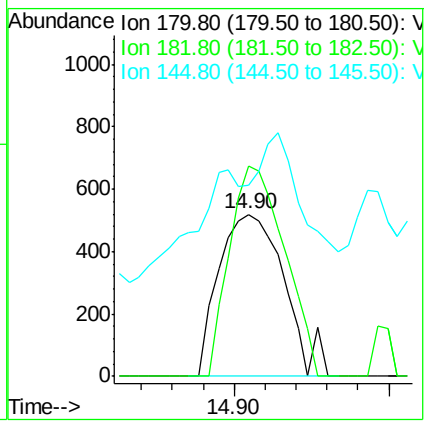


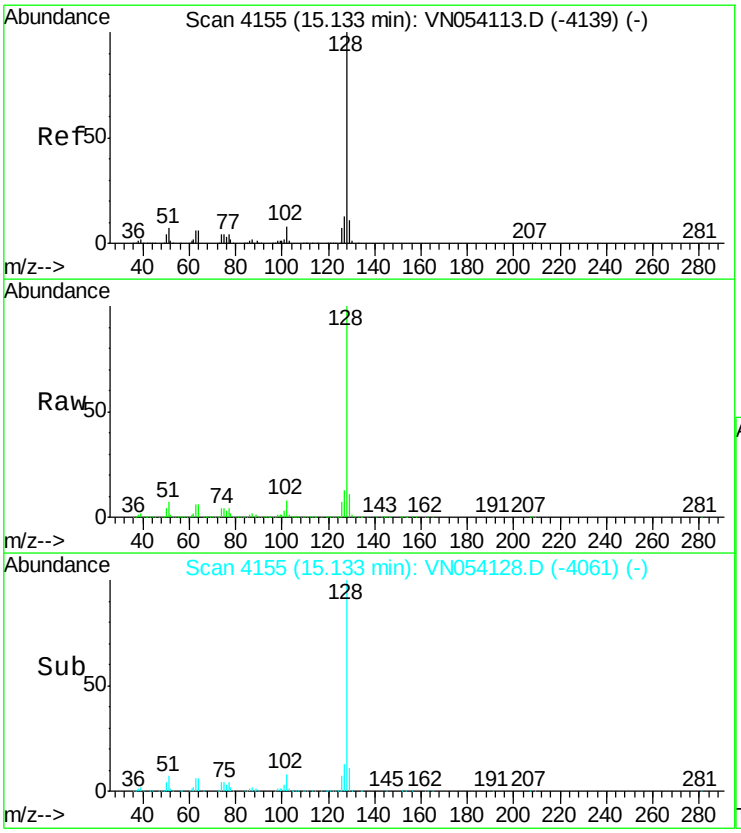
#93
1,2,4-Trichlorobenzene
Concen: 0.092 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:180 Resp: 763

Ion	Ratio	Lower	Upper
180	100		
182	110.1	48.1	144.3
145	45.6	13.9	41.7#





#95
Naphthalene
Concen: 220.756 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054128.D
Acq: 6 Mar 2019 20:25

Tgt Ion:128 Resp: 4511355

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	12.8