Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
Data File : VN056581.D
Acq On : 3 Jul 2019 11:52
Operator : JC/SP
Sample : VN0702WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0703WBL01

Quant Time: Jul 03 12:12:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.19	128	49452	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	278177	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	225601	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	106425	31.22	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.07%				
60) 4-Bromofluorobenzene	12.40	95	87735	25.31	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.37%				
63) Toluene-d8	10.09	98	325273	31.03	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.43%				
Target Compounds							Qvalue
3) Chloromethane	2.07	50	1238	0.344	ug/l	#	83
5) Bromomethane	2.54	94	501	0.277	ug/l		86
12) Methyl Acetate	4.34	43	1957	0.537	ug/l	#	50
13) Acrolein	3.61	56	185	0.520	ug/l	#	13
16) Carbon Disulfide	4.05	76	2245	0.345	ug/l	#	75
23) tert-Butyl Alcohol	4.74	59	2776	4.636	ug/l	#	100
50) 1,1,2-Trichloroethane	10.10	97	9992	3.173	ug/l	#	1
56) Bromoform	12.40	173	780	0.348	ug/l	#	1
59) 2-Hexanone	10.76	43	1020	0.339	ug/l	#	47
72) 1,2,3-Trichloropropane	12.40	75	40405	11.179	ug/l		1
77) t-1,4-Dichloro-2-butene	12.40	75	40405	34.901	ug/l	#	11
83) 1,3-Dichlorobenzene	13.36	146	1124	0.202	ug/l		86
84) 1,4-Dichlorobenzene	13.36	146	1124	0.209	ug/l		86
85) n-Butylbenzene	13.61	91	2034	0.216	ug/l		87
89) 1,2,4-Trichlorobenzene	14.91	180	1527	0.489	ug/l	#	86
90) Hexachlorobutadiene	15.01	225	500	0.258	ug/l		93
91) Naphthalene	15.13	128	3656	0.417	ug/l	#	92
92) 1,2,3-Trichlorobenzene	15.31	180	1789	0.545	ug/l		82

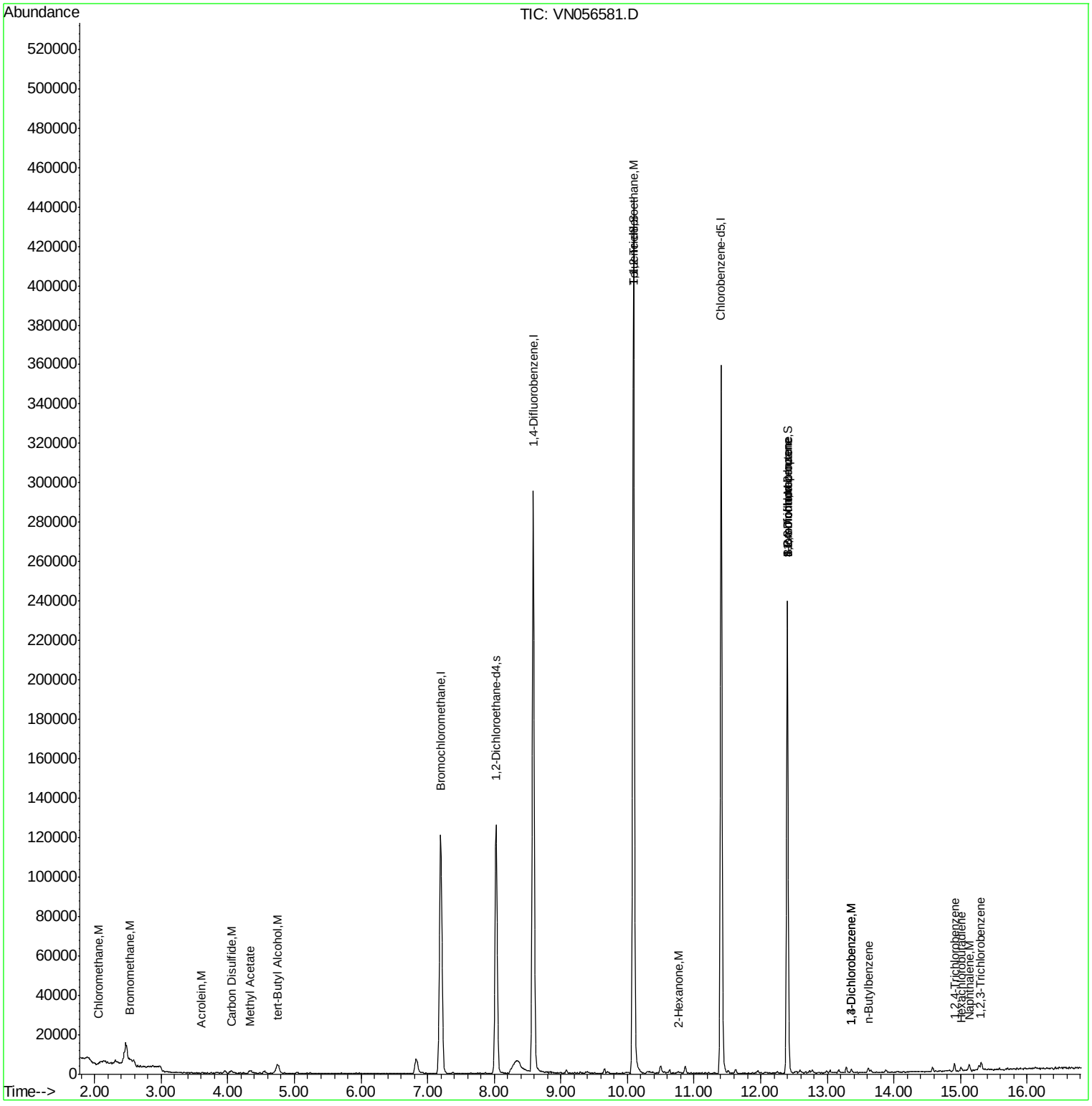
(#) = qualifier out of range (m) = manual integration (+) = signals summed

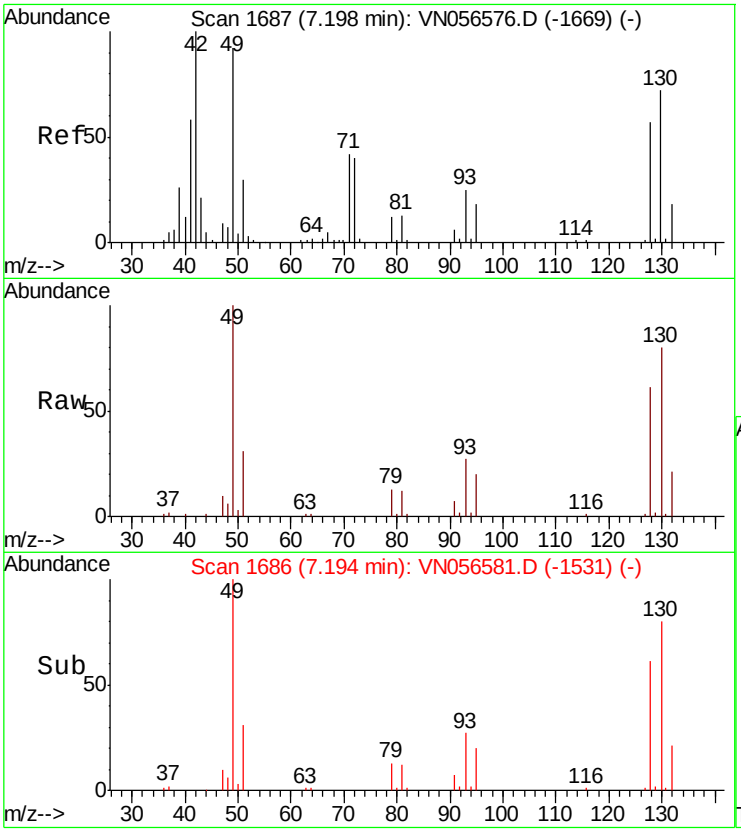
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
Data File : VN056581.D
Acq On : 3 Jul 2019 11:52
Operator : JC/SP
Sample : VN0702WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Quant Time: Jul 03 12:12:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration



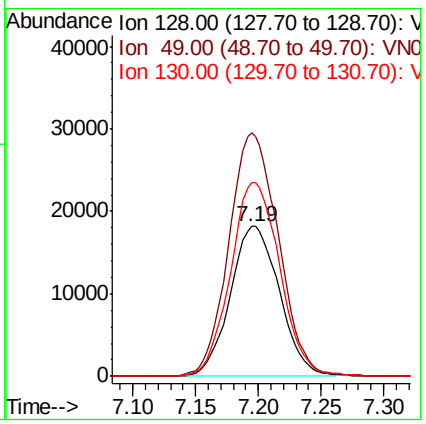


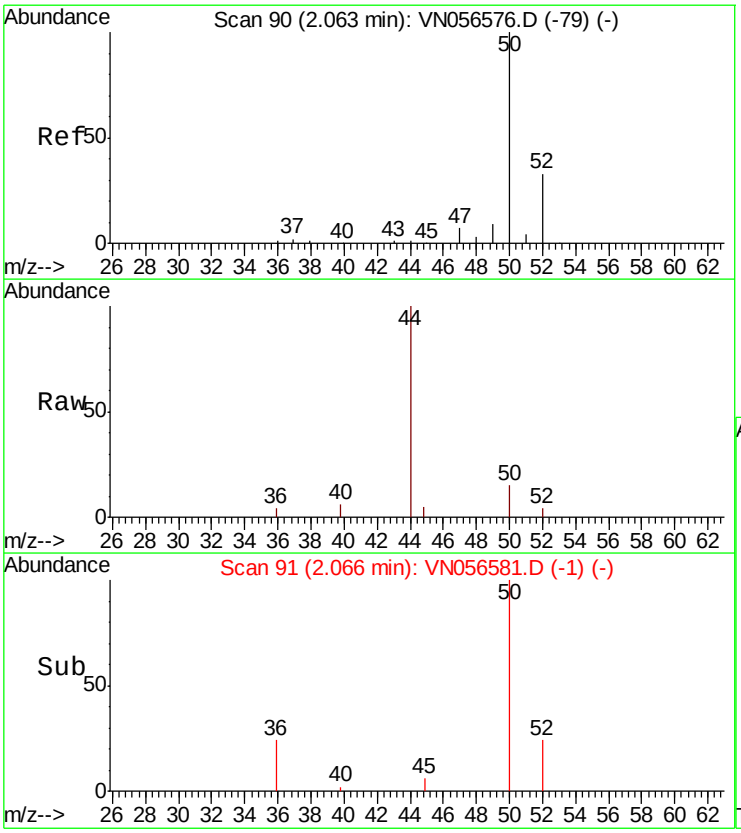
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:128 Resp: 49452

Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	355.8
130	129.5	0.0	326.3

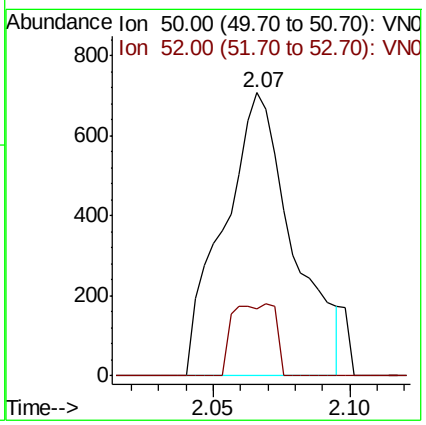


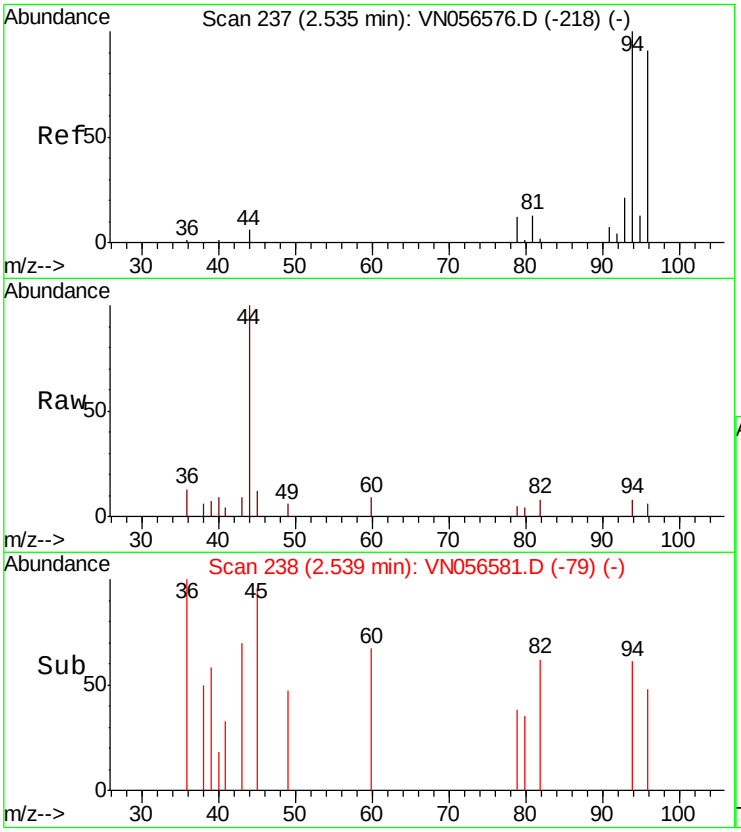


#3
Chloromethane
Concen: 0.344 ug/l
RT: 2.07 min Scan# 91
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 50 Resp: 1238

Ion	Ratio	Lower	Upper
50	100		
52	23.8	26.7	40.1#



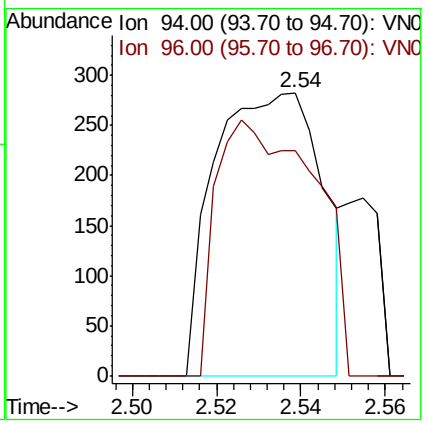


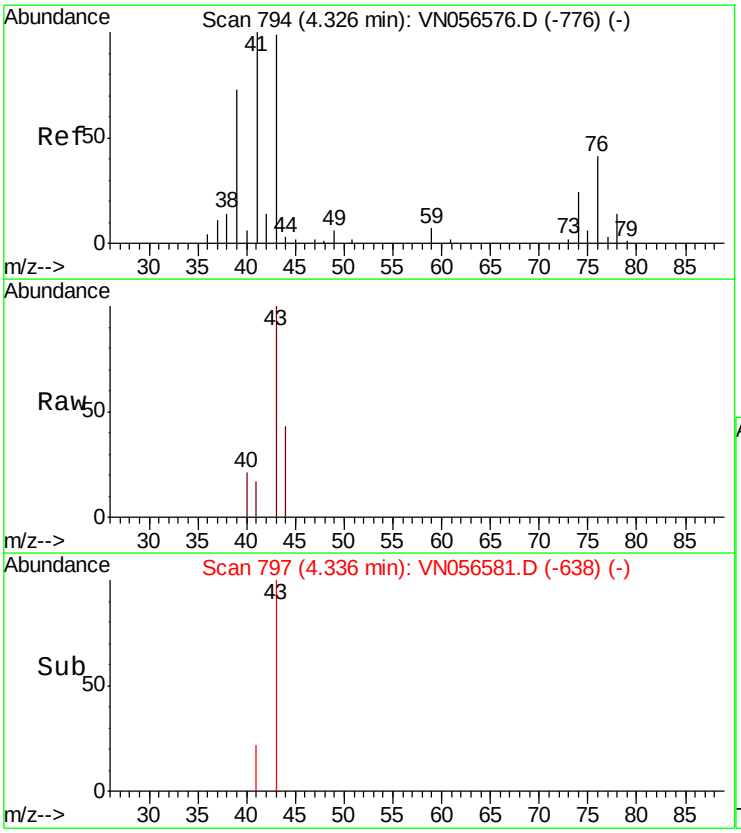
#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.01 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion: 94 Resp: 501

Ion	Ratio	Lower	Upper
94	100		
96	79.5	74.1	111.1

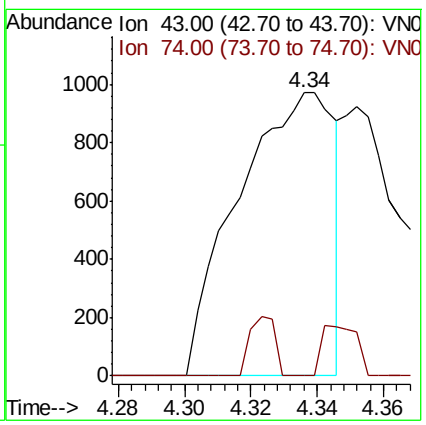


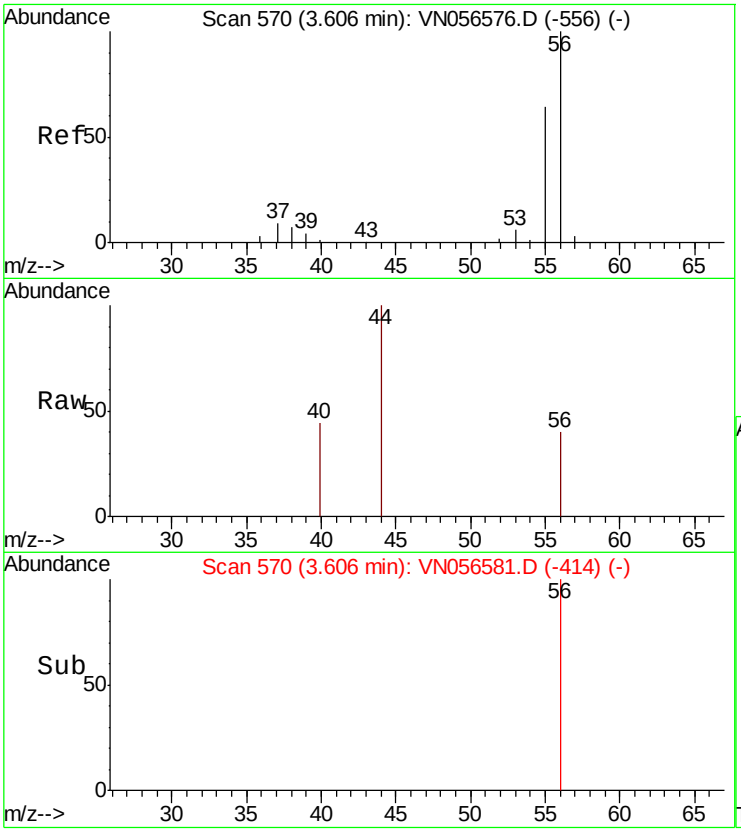


#12
Methyl Acetate
Concen: 0.537 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 43 Resp: 1957

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.9	29.9#



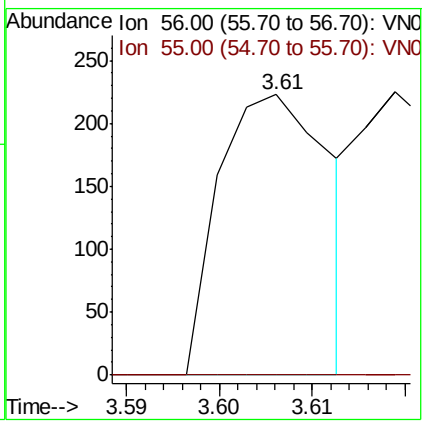


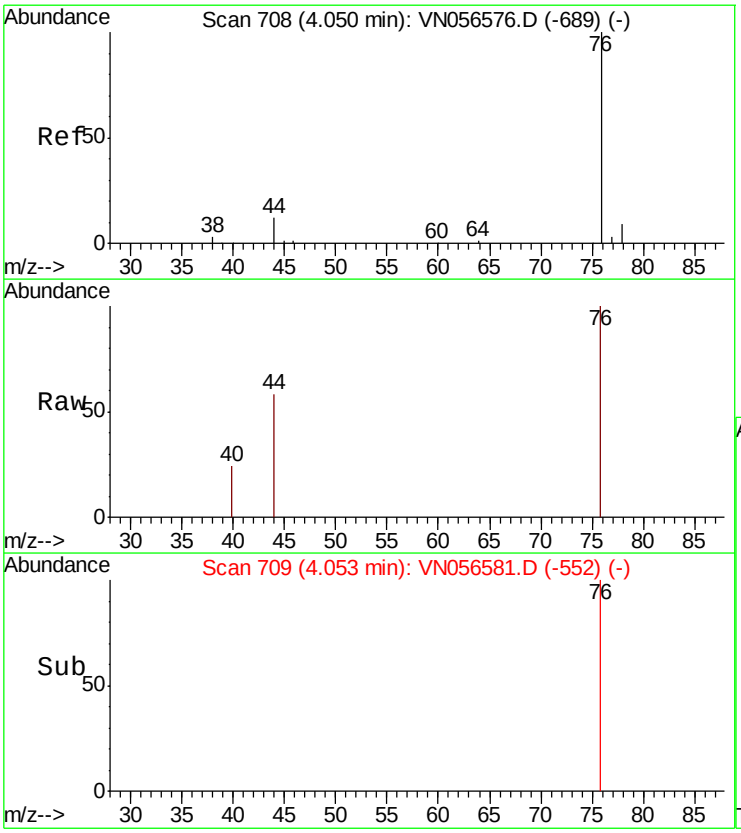
#13
Acrolein
Concen: 0.520 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion: 56 Resp: 185

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.9	86.9#

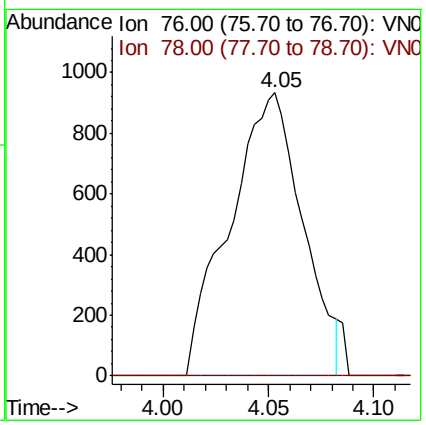


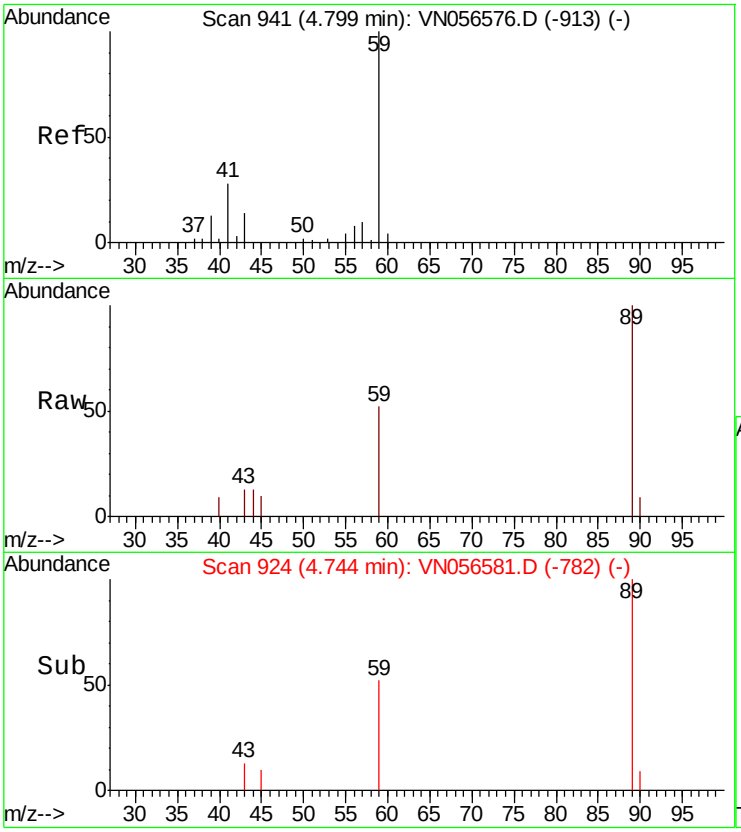


#16
Carbon Disulfide
Concen: 0.345 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 76 Resp: 2245

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



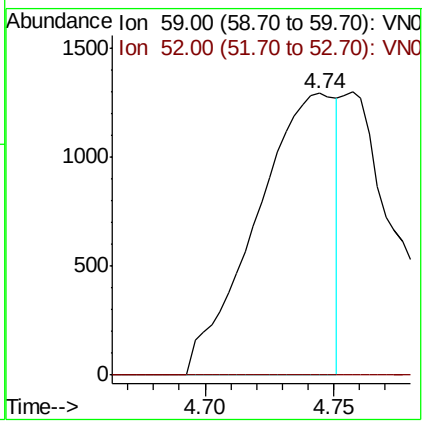


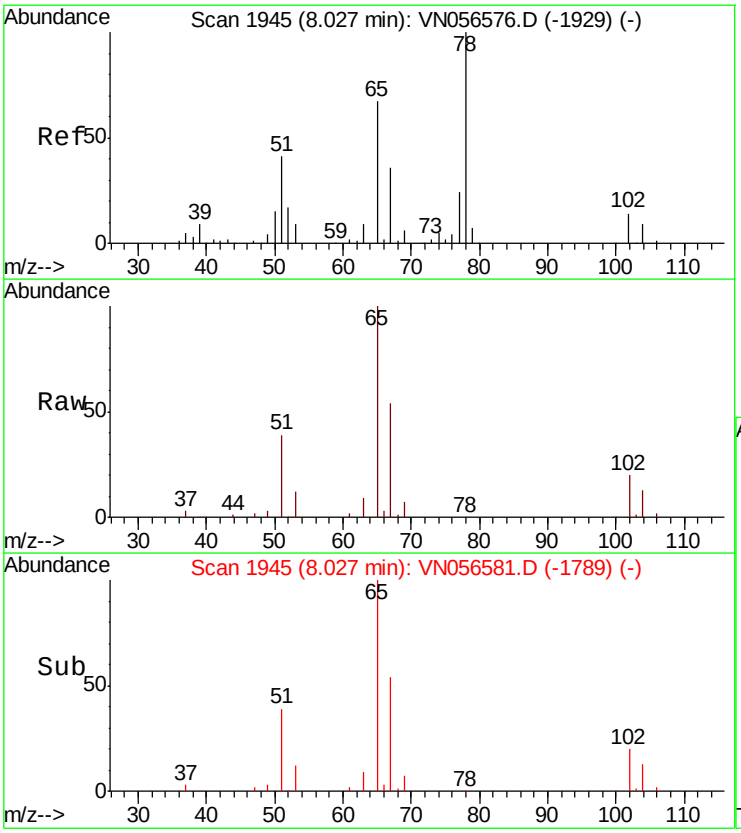
#23
tert-Butyl Alcohol
Concen: 4.636 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.04 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion: 59 Resp: 2776

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

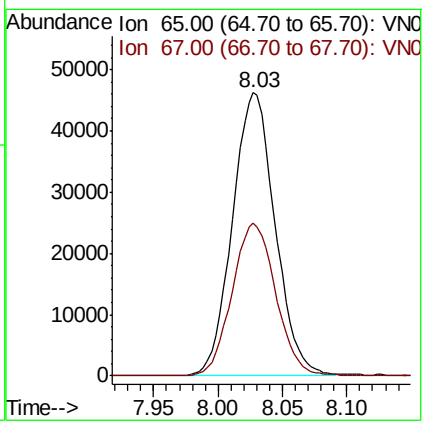


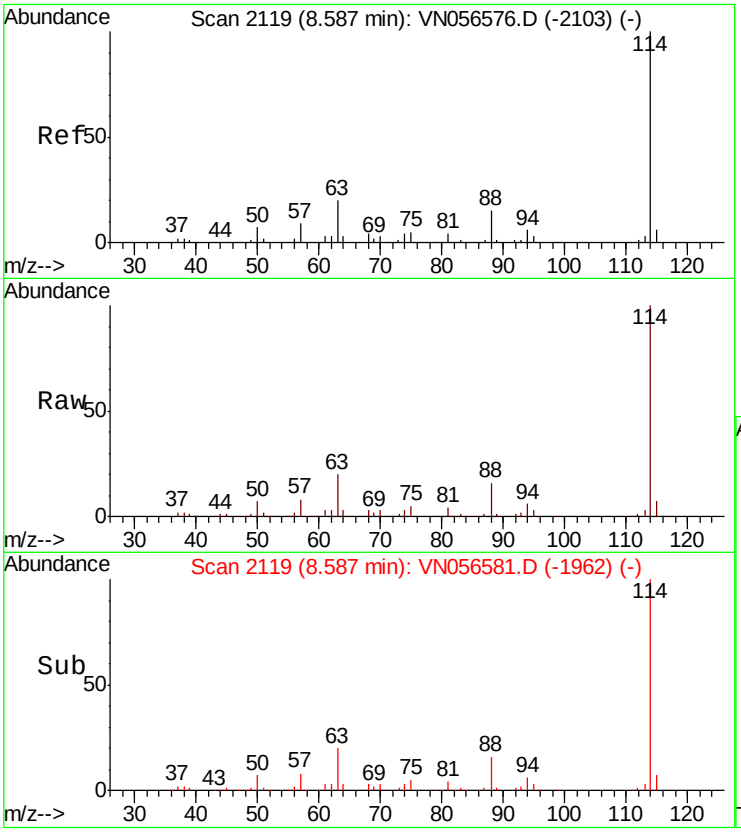


#27
1,2-Dichloroethane-d4
Concen: 31.217 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 65 Resp: 106425

Ion	Ratio	Lower	Upper
65	100		
67	55.2	43.4	65.2



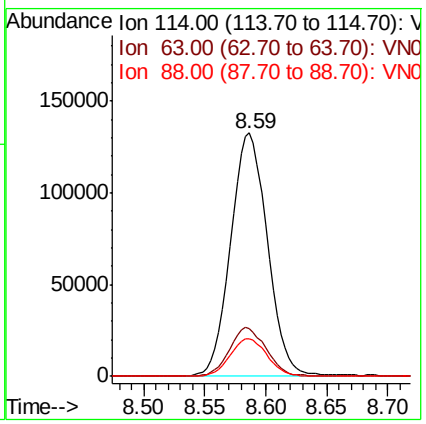


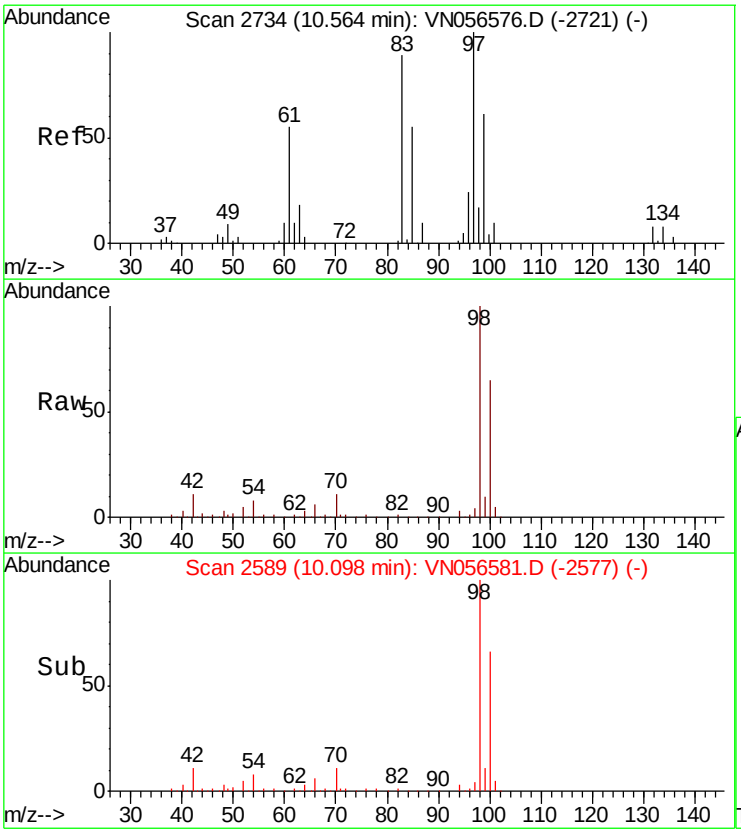
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:114 Resp: 278177

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.7	22.1
88	15.6	11.9	17.9

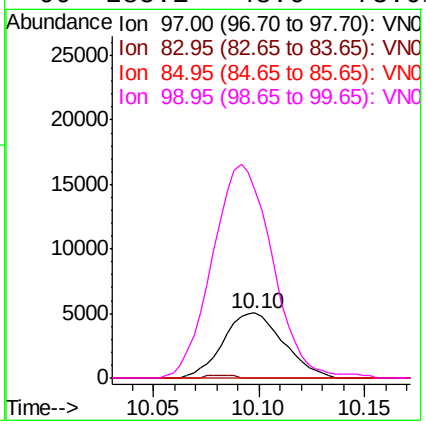


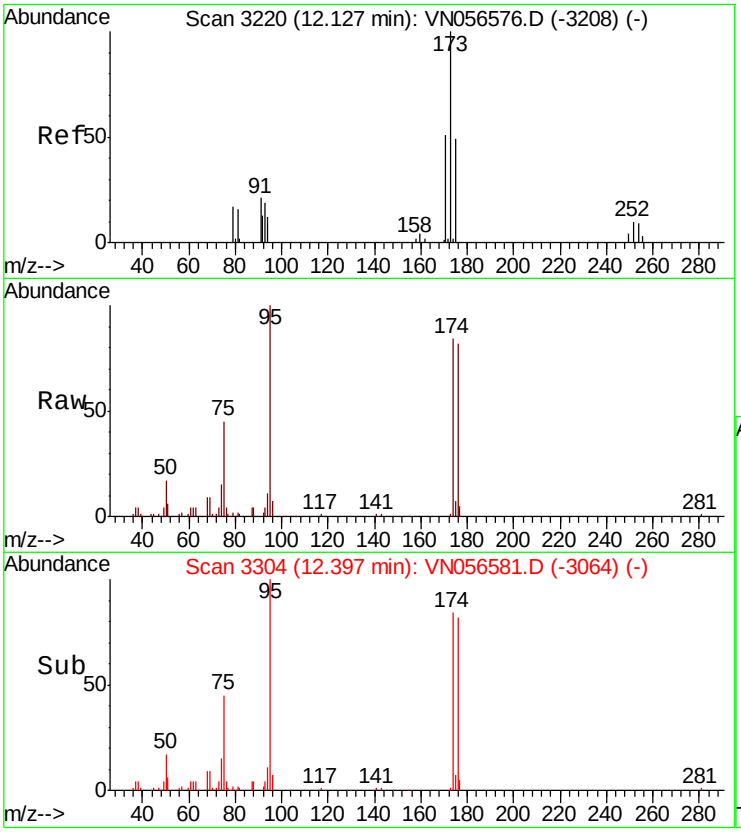


#50
1,1,2-Trichloroethane
Concen: 3.173 ug/l
RT: 10.10 min Scan# 2589
Delta R.T. -0.46 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 97 Resp: 9992

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.9	100.3#
85	0.0	43.3	64.9#
99	285.1	48.6	73.0#



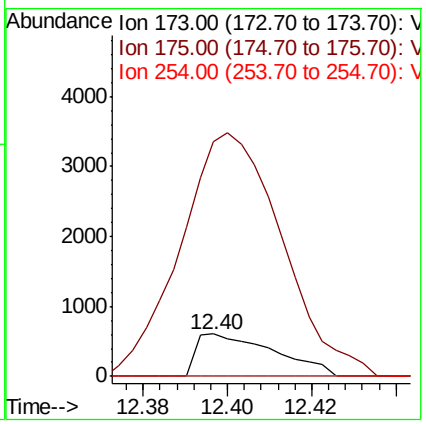


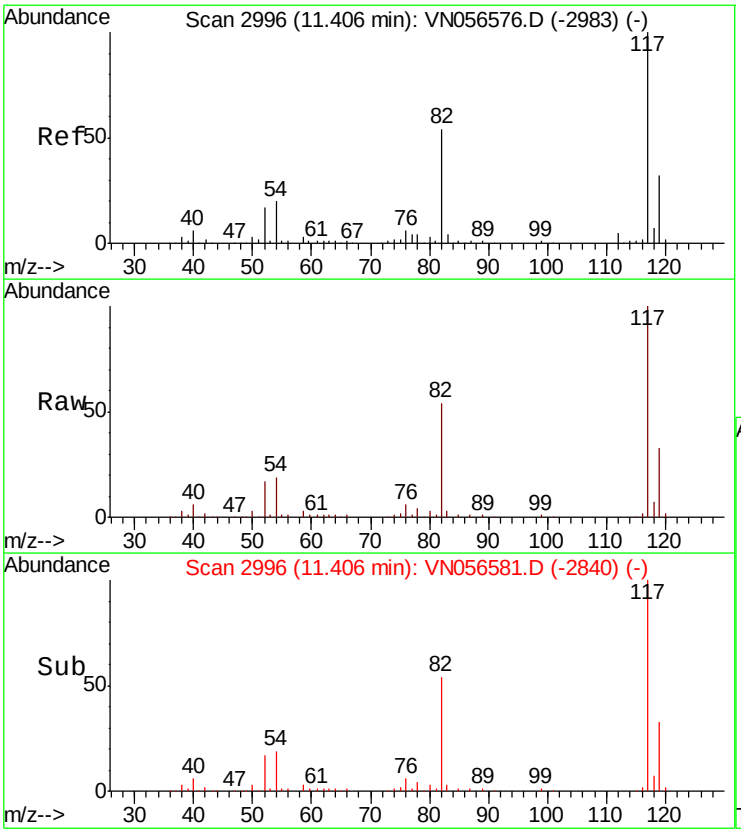
#56
Bromoform
Concen: 0.348 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:173 Resp: 780

Ion	Ratio	Lower	Upper
173	100		
175	747.7	38.7	58.1#
254	0.0	6.6	9.8#

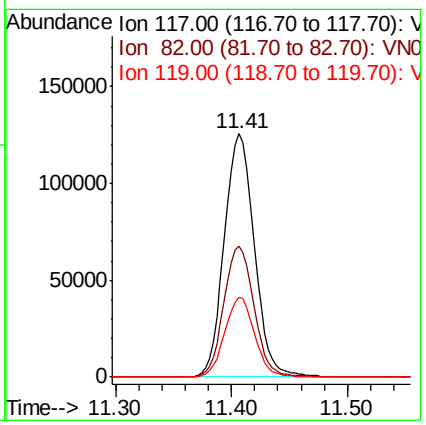


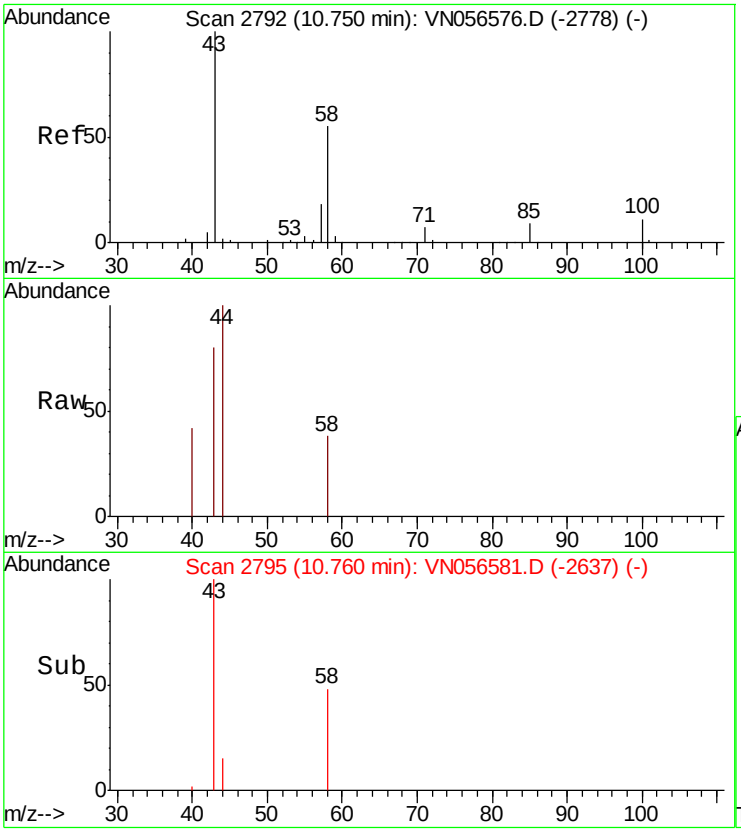


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion:117 Resp: 225601

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.2	61.8
119	32.4	26.2	39.2



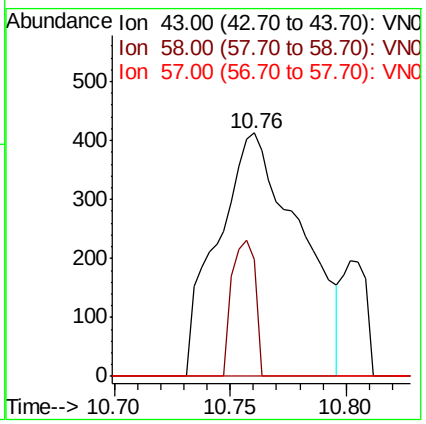


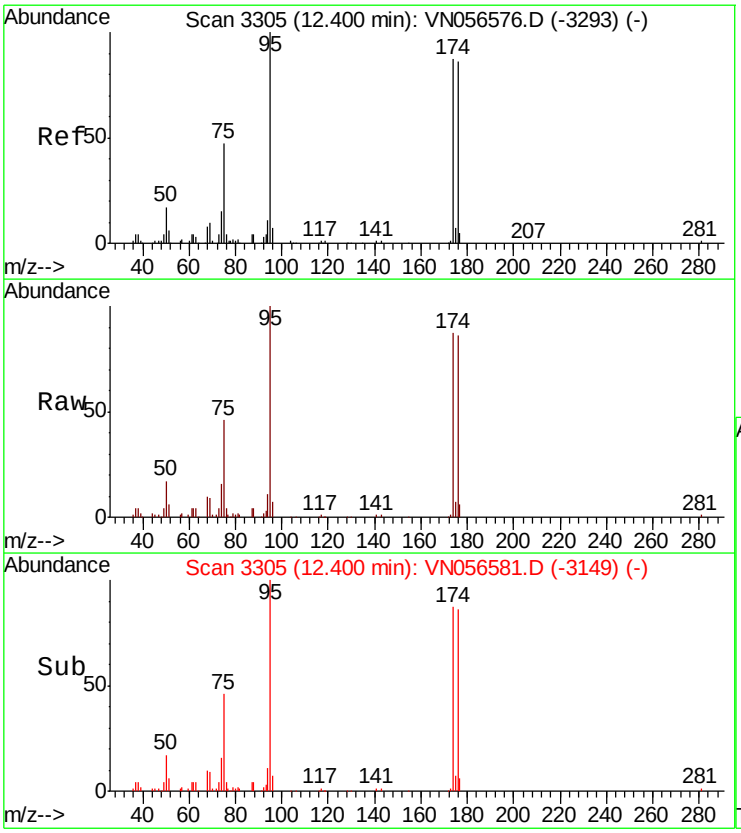
#59
2-Hexanone
Concen: 0.339 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion: 43 Resp: 1020

Ion	Ratio	Lower	Upper
43	100		
58	15.4	45.3	67.9#
57	0.0	15.6	23.4#

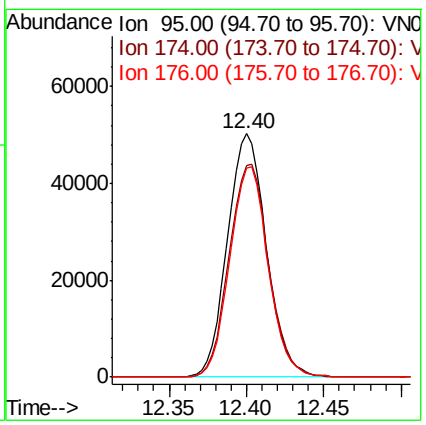


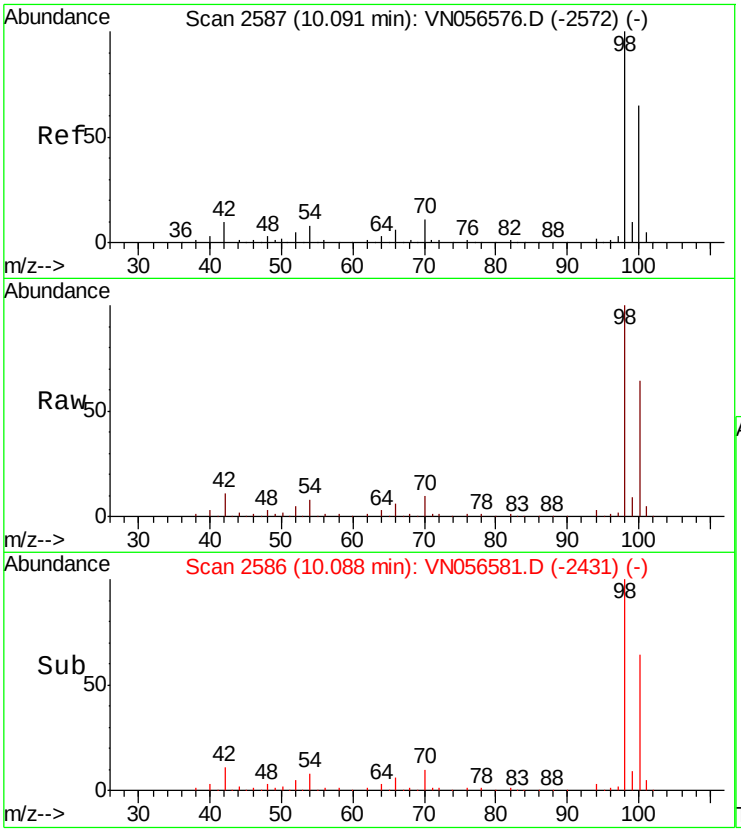


#60
4-Bromofluorobenzene
Concen: 25.308 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 95 Resp: 87735

Ion	Ratio	Lower	Upper
95	100		
174	88.9	75.4	113.0
176	85.5	73.9	110.9



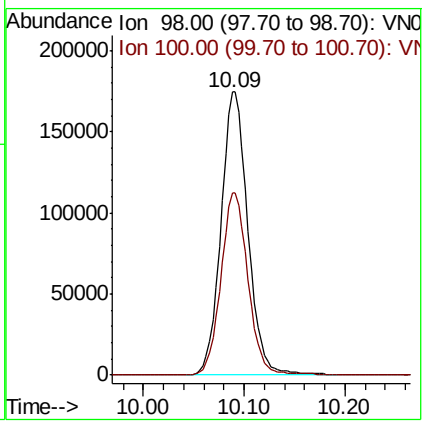


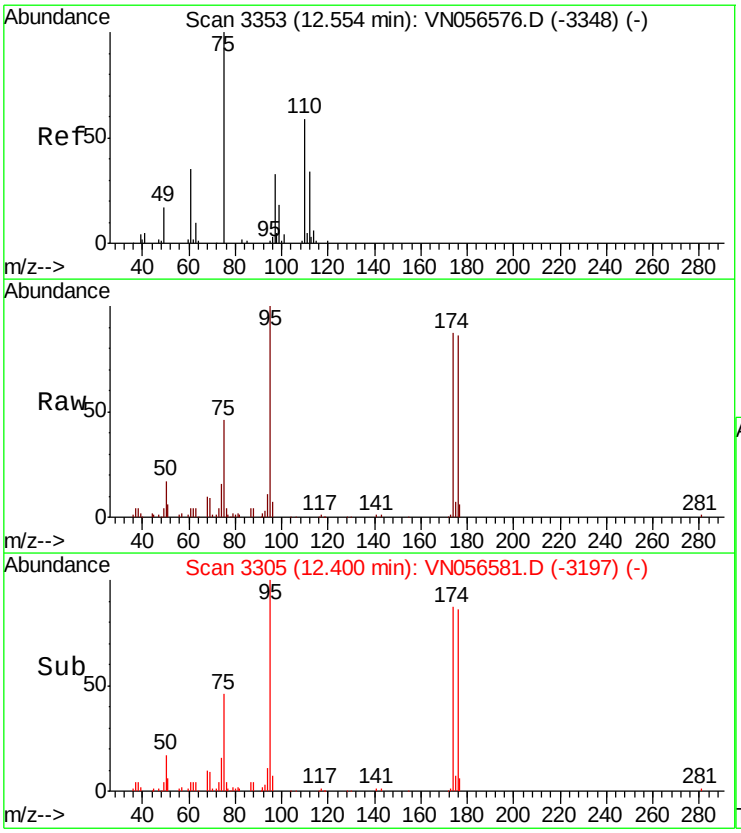
#63
Toluene-d8
Concen: 31.027 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument : MSVOA_N
ClientSampleId : VN0703WBL01

Tgt Ion: 98 Resp: 325273

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

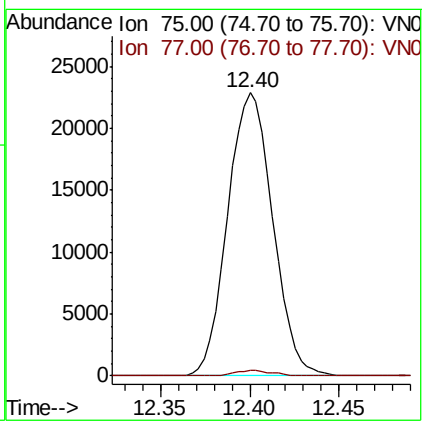


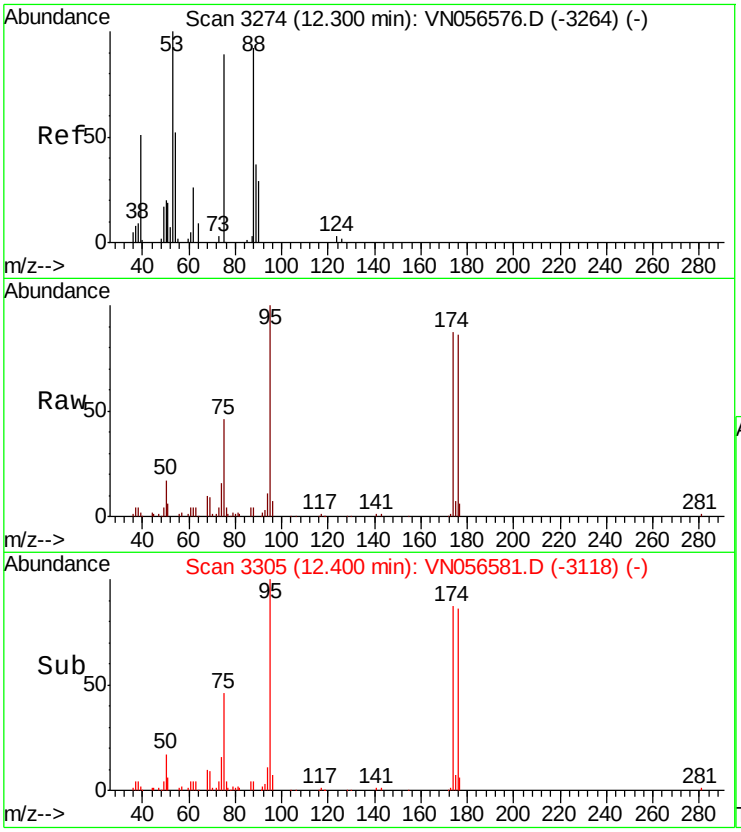


#72
1,2,3-Trichloropropane
Concen: 11.179 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 75 Resp: 40405

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	350.0



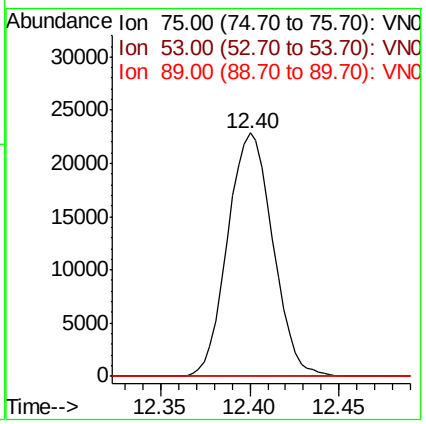


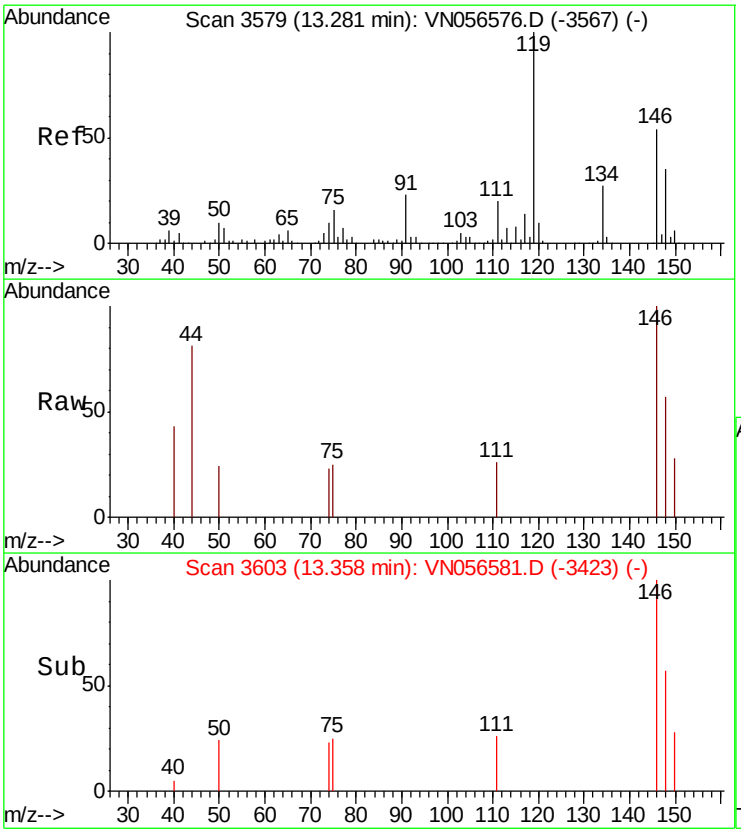
#77
t-1,4-Dichloro-2-butene
Concen: 34.901 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument : MSVOA_N
ClientSampleId : VN0703WBL01

Tgt Ion: 75 Resp: 40405

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.0	144.0#
89	0.0	22.5	67.5#

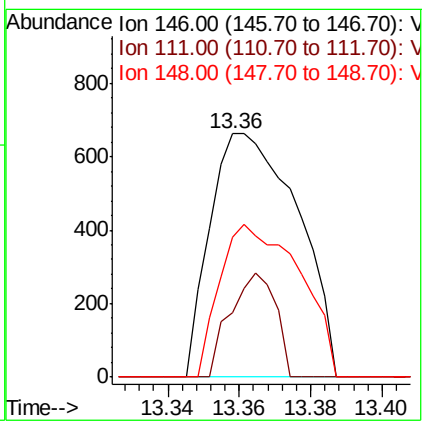


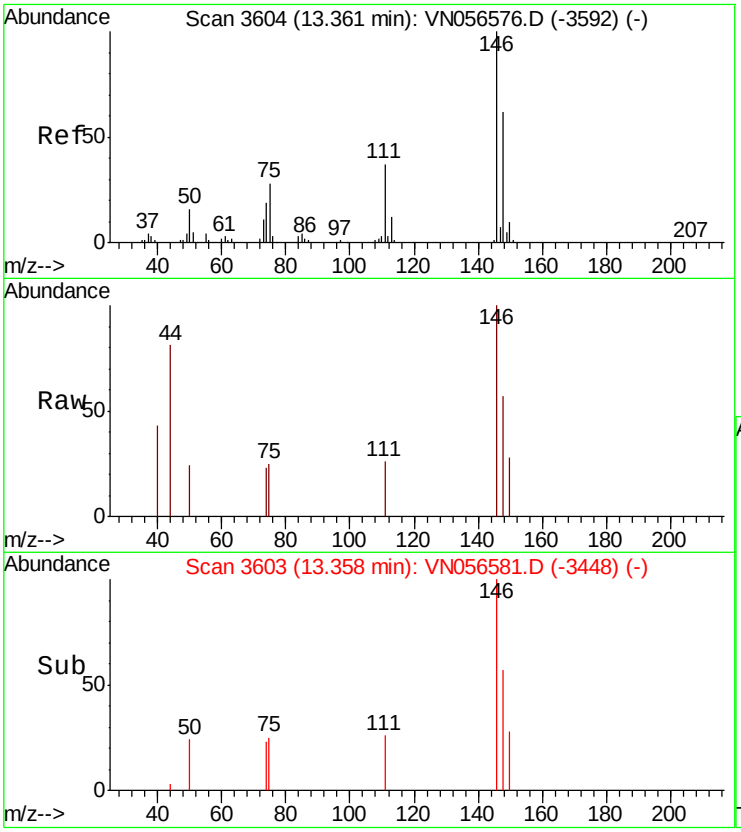


#83
1,3-Dichlorobenzene
Concen: 0.202 ug/l
RT: 13.36 min Scan# 3603
Delta R.T. 0.08 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion:146 Resp: 1124

Ion	Ratio	Lower	Upper
146	100		
111	22.1	18.2	54.6
148	57.5	31.9	95.9



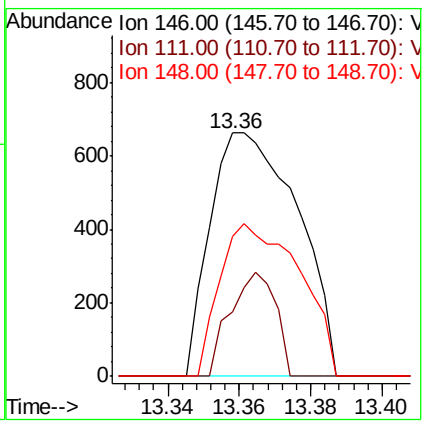


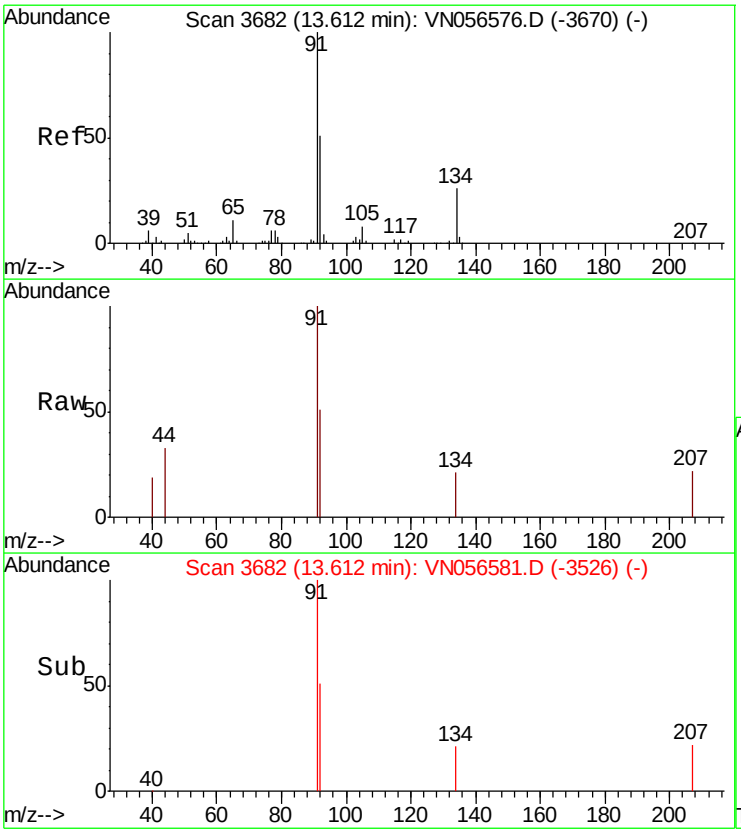
#84
1,4-Dichlorobenzene
Concen: 0.209 ug/l
RT: 13.36 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument : MSVOA_N
ClientSampleId : VN0703WBL01

Tgt Ion:146 Resp: 1124

Ion	Ratio	Lower	Upper
146	100		
111	22.1	17.6	52.9
148	57.5	32.1	96.3

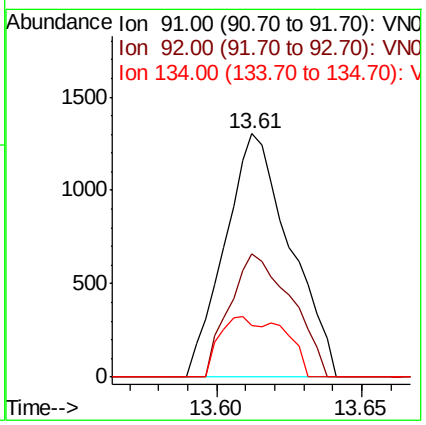


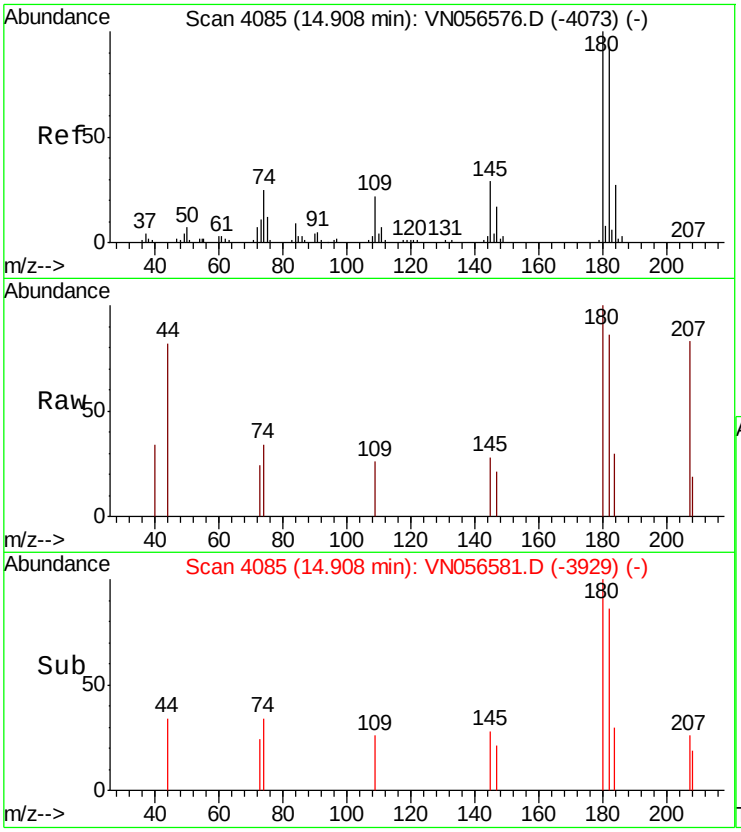


#85
n-Butylbenzene
Concen: 0.216 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 91 Resp: 2034

Ion	Ratio	Lower	Upper
91	100		
92	48.0	0.0	107.2
134	15.5	0.0	55.8



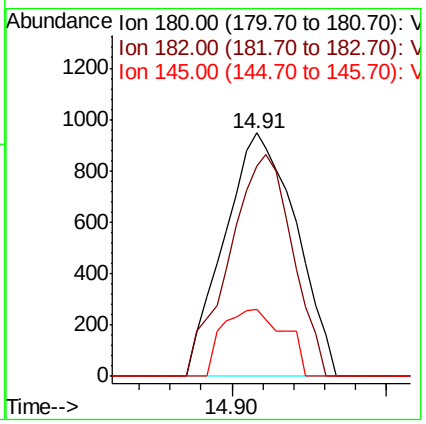


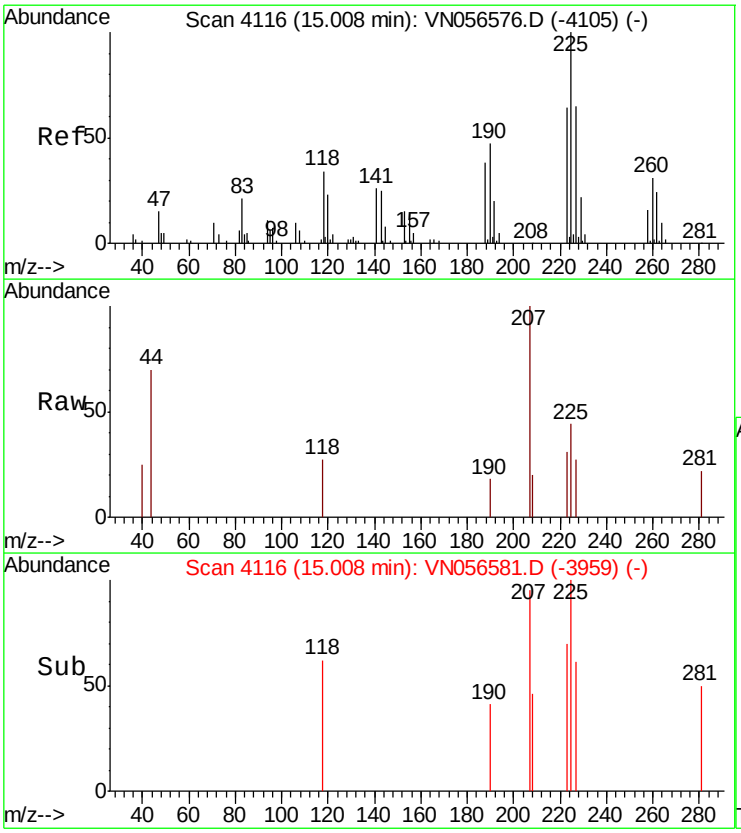
#89
1,2,4-Trichlorobenzene
Concen: 0.489 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:180 Resp: 1527

Ion	Ratio	Lower	Upper
180	100		
182	80.4	75.0	112.6
145	19.4	22.1	33.1#

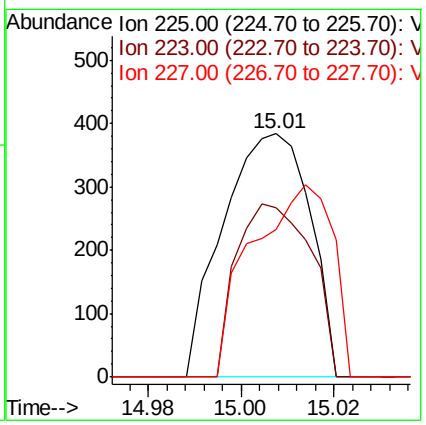


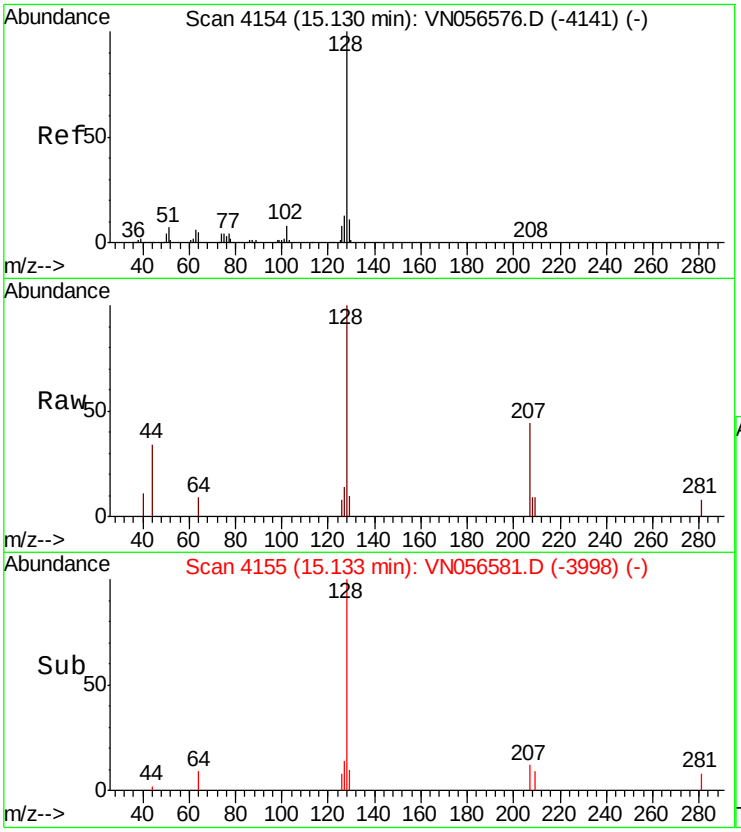


#90
Hexachlorobutadiene
Concen: 0.258 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion:225 Resp: 500

Ion	Ratio	Lower	Upper
225	100		
223	61.2	0.0	125.6
227	73.4	0.0	128.6



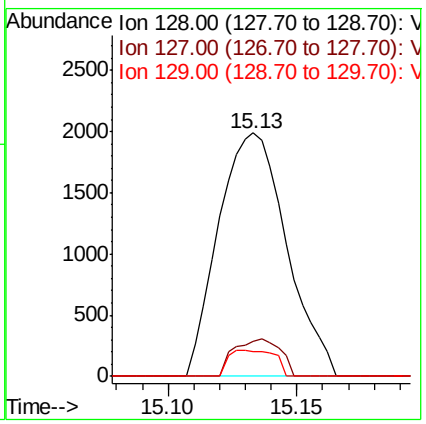


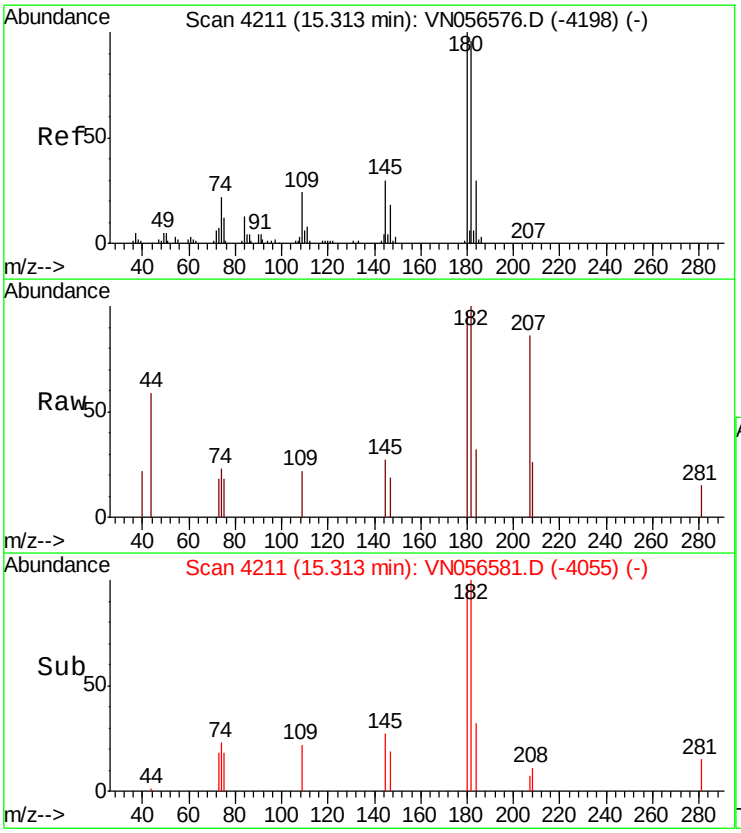
#91
Naphthalene
Concen: 0.417 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:128 Resp: 3656

Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.4	15.6#
129	7.2	8.7	13.1#





#92
1,2,3-Trichlorobenzene
Concen: 0.545 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion:180 Resp: 1789

Ion	Ratio	Lower	Upper
180	100		
182	110.3	0.0	193.4
145	13.1	0.0	59.8