Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056623.D
Acq On : 9 Jul 2019 12:34
Operator : JC/SP
Sample : K3704-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EFFL-B2-9

Quant Time: Jul 09 12:58:44 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	47008	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.58	114	257606	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.40	117	209464	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.02	65	98387	30.36	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.20%				
60) 4-Bromofluorobenzene	12.40	95	80535	25.02	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 83.40%				
63) Toluene-d8	10.09	98	300153	30.84	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.80%				
Target Compounds							Qvalue
12) Methyl Acetate	4.33	43	4664	1.346	ug/l		97
15) Acetone	3.81	58	276	0.650	ug/l	#	54
16) Carbon Disulfide	4.04	76	3940	0.638	ug/l	#	75
23) tert-Butyl Alcohol	4.76	59	226	0.397	ug/l	#	100
44) Isopropyl Acetate	8.24	43	7033	1.105	ug/l	#	57
50) 1,1,2-Trichloroethane	10.09	97	9711	3.330	ug/l	#	1
56) Bromoform	12.40	173	576	0.277	ug/l	#	1
59) 2-Hexanone	10.76	43	680	0.243	ug/l	#	32
72) 1,2,3-Trichloropropane	12.40	75	36434	10.857	ug/l		1
77) t-1,4-Dichloro-2-butene	12.40	75	36434	33.896	ug/l	#	11

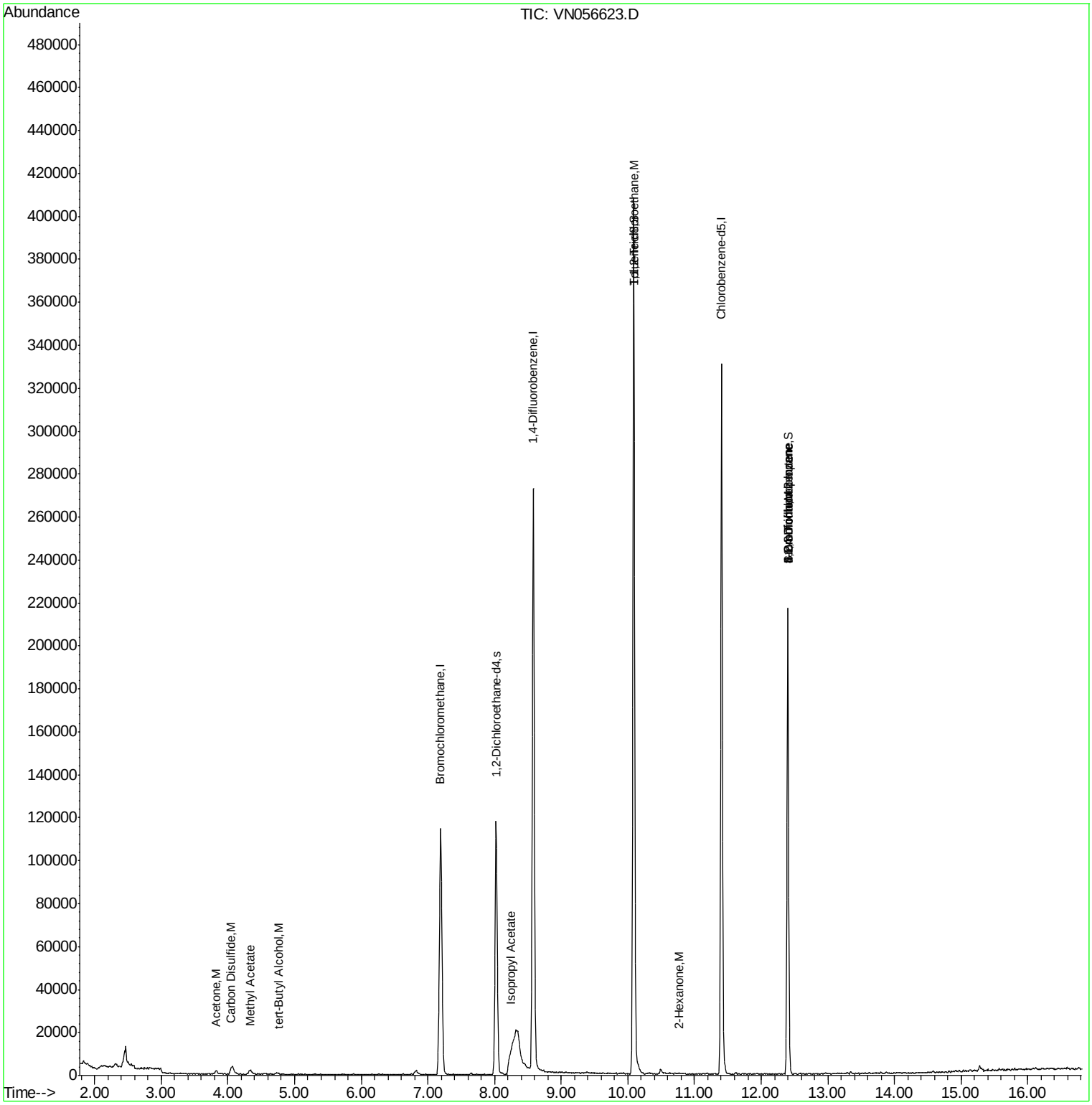
(#) = qualifier out of range (m) = manual integration (+) = signals summed

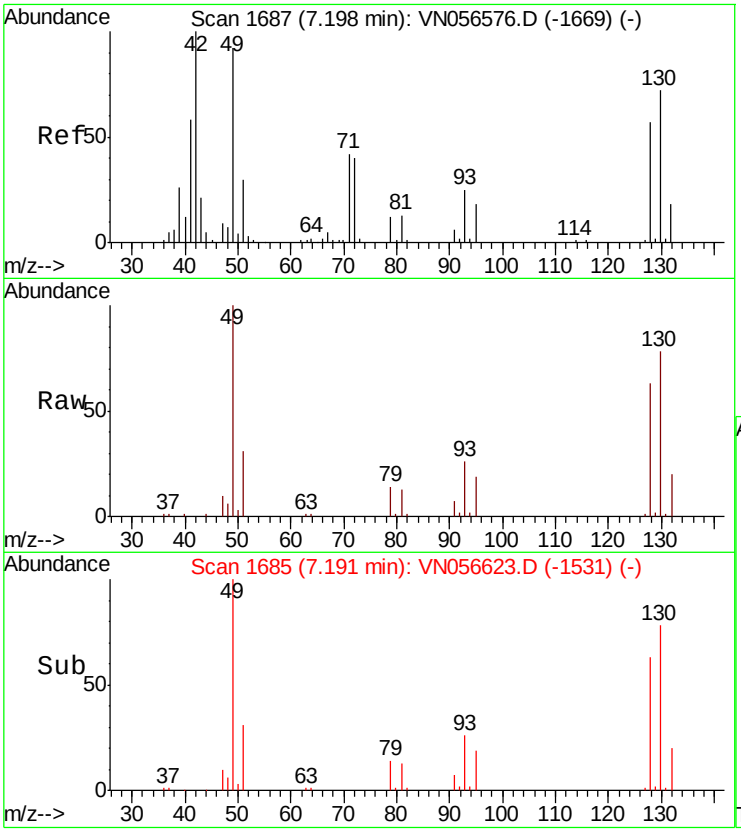
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056623.D
Acq On : 9 Jul 2019 12:34
Operator : JC/SP
Sample : K3704-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Quant Time: Jul 09 12:58:44 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



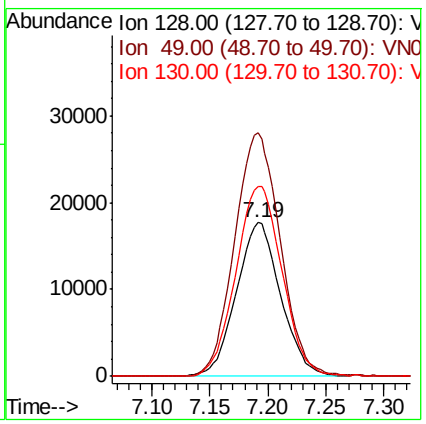


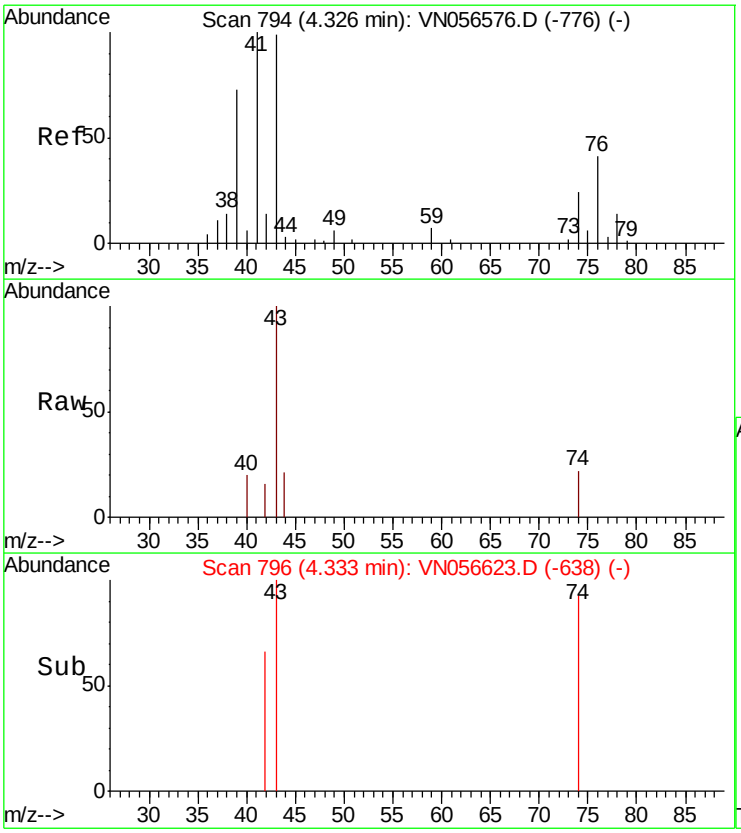
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion:128 Resp: 47008

Ion	Ratio	Lower	Upper
128	100		
49	163.3	0.0	355.8
130	129.1	0.0	326.3

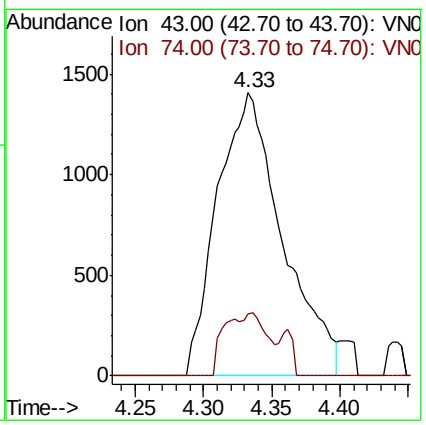


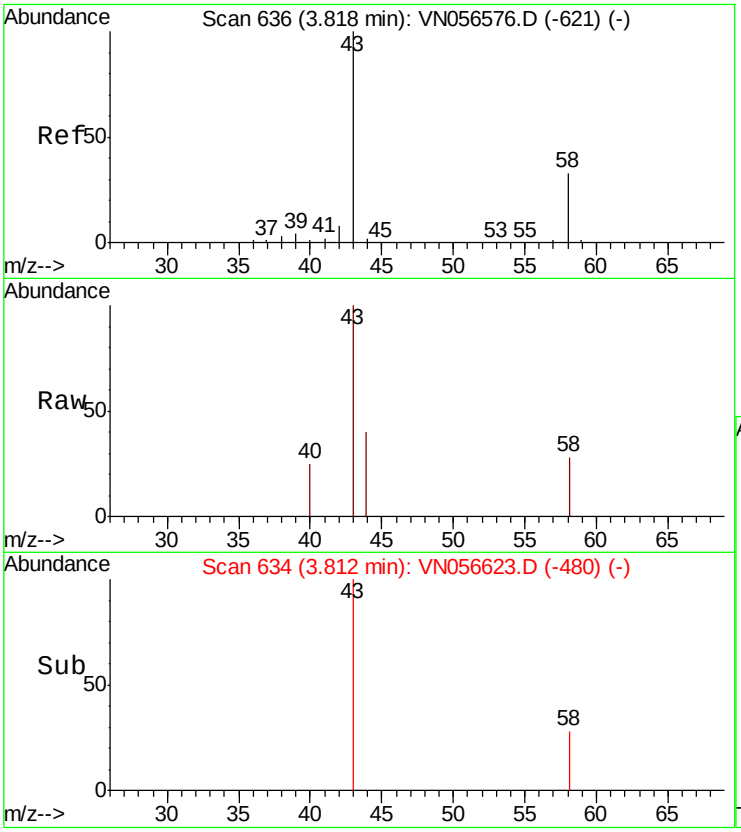


#12
Methyl Acetate
Concen: 1.346 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 43 Resp: 4664

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.9	29.9



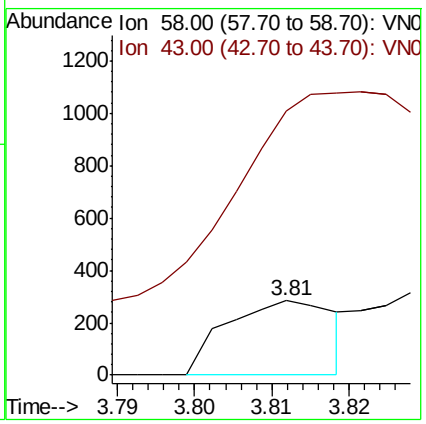


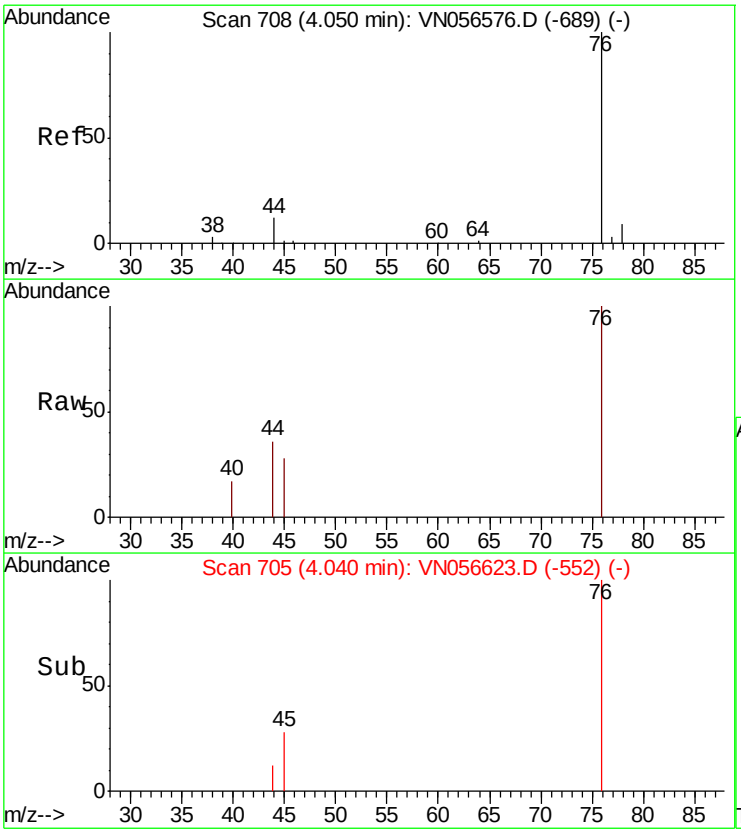
#15
Acetone
Concen: 0.650 ug/l
RT: 3.81 min Scan# 634
Delta R.T. -0.01 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion: 58 Resp: 276

Ion	Ratio	Lower	Upper
58	100		
43	202.5	232.5	348.7#

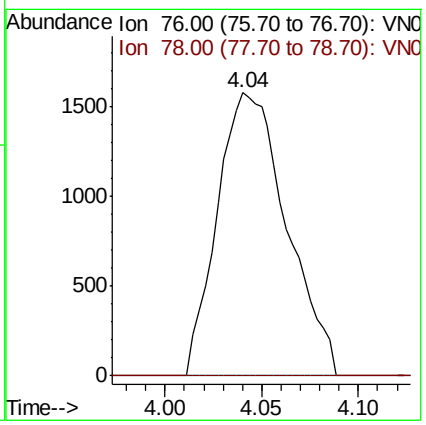


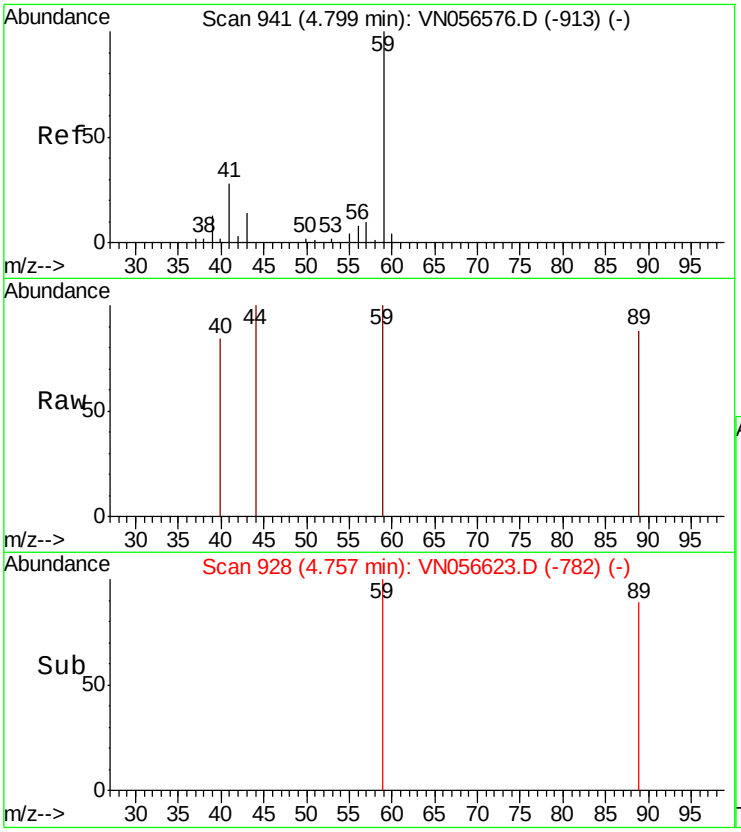


#16
Carbon Disulfide
Concen: 0.638 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 76 Resp: 3940

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



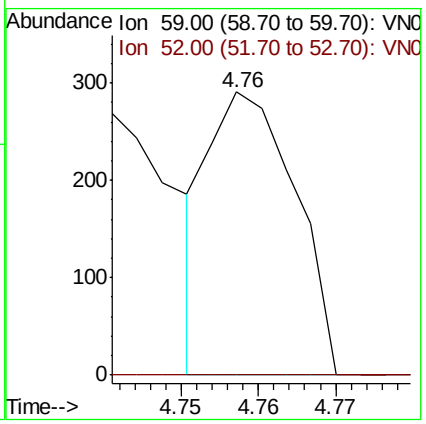


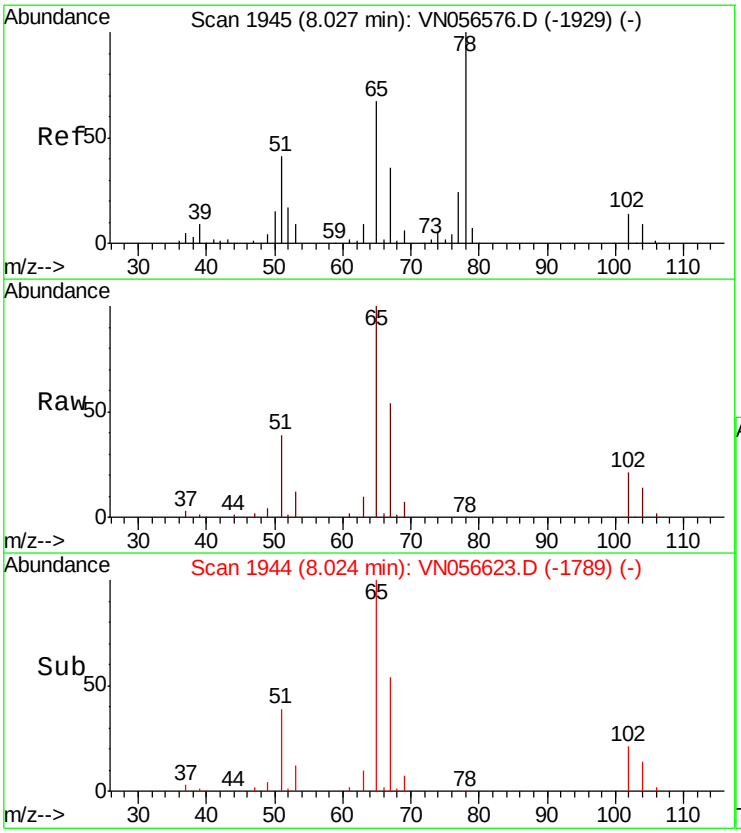
#23
tert-Butyl Alcohol
Concen: 0.397 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.03 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion: 59 Resp: 226

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

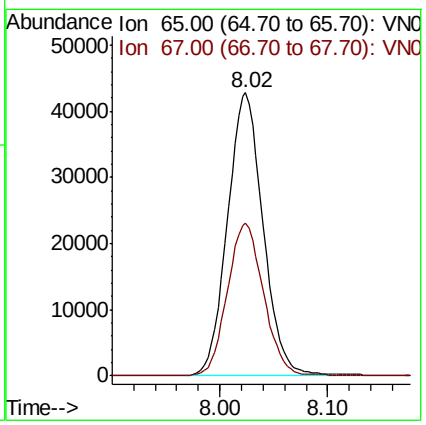


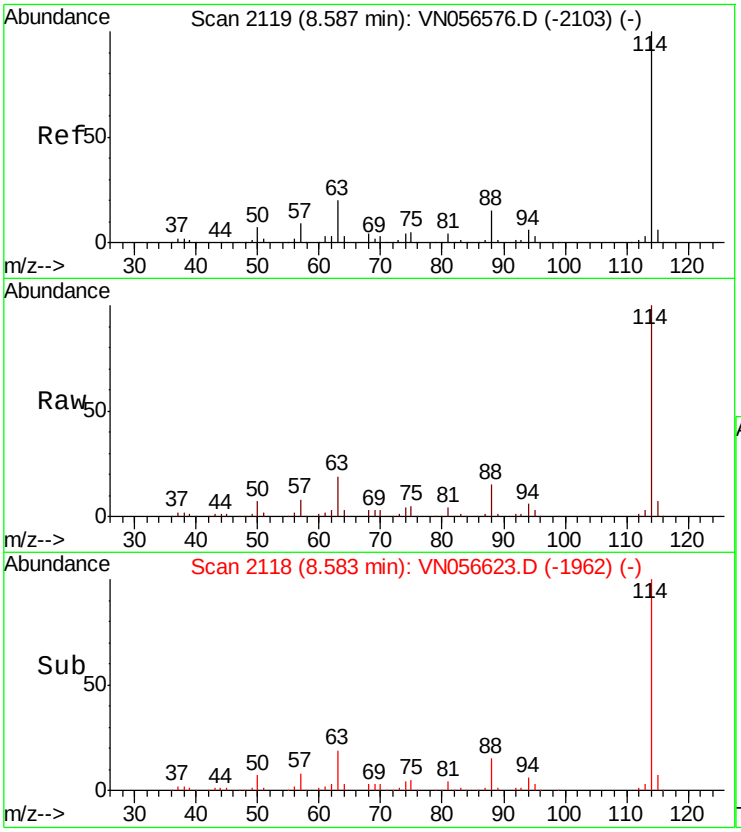


#27
1,2-Dichloroethane-d4
Concen: 30.360 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 65 Resp: 98387

Ion	Ratio	Lower	Upper
65	100		
67	54.6	43.4	65.2



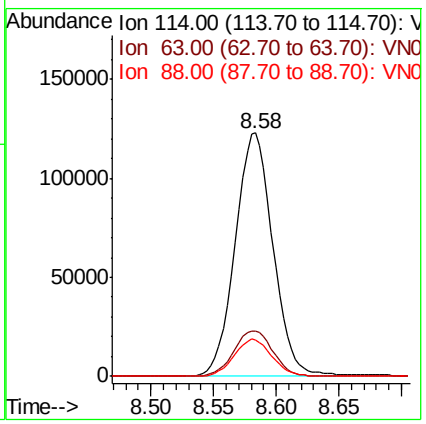


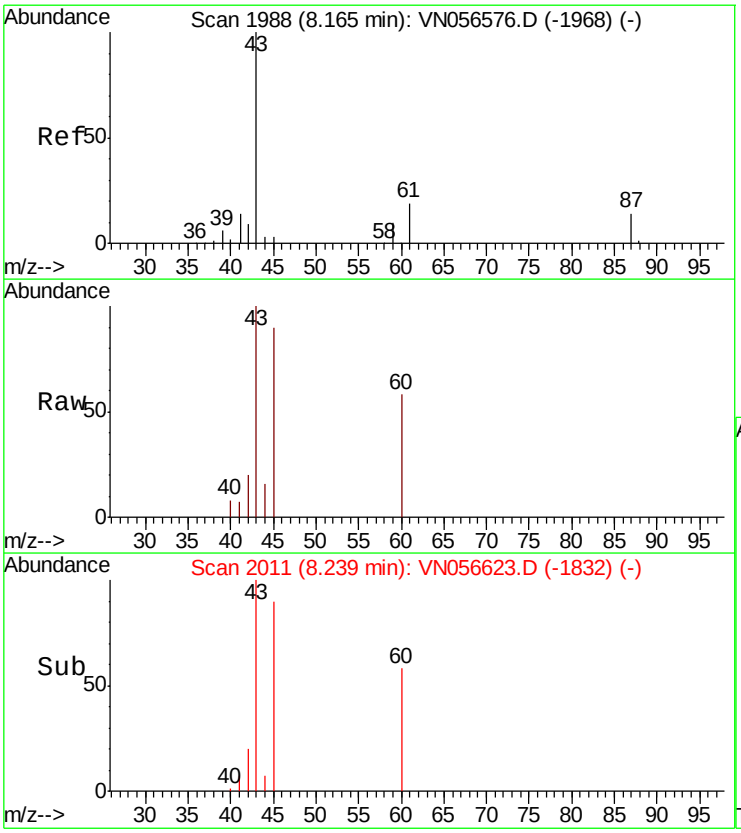
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion:114 Resp: 257606

Ion	Ratio	Lower	Upper
114	100		
63	19.5	14.7	22.1
88	15.3	11.9	17.9

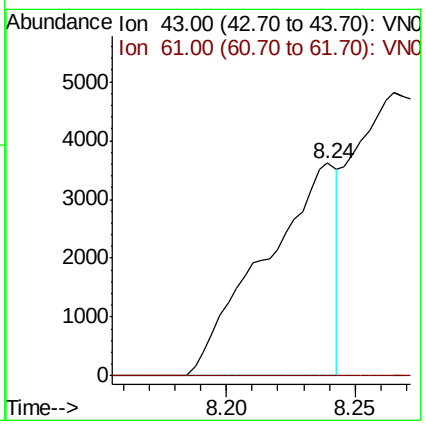


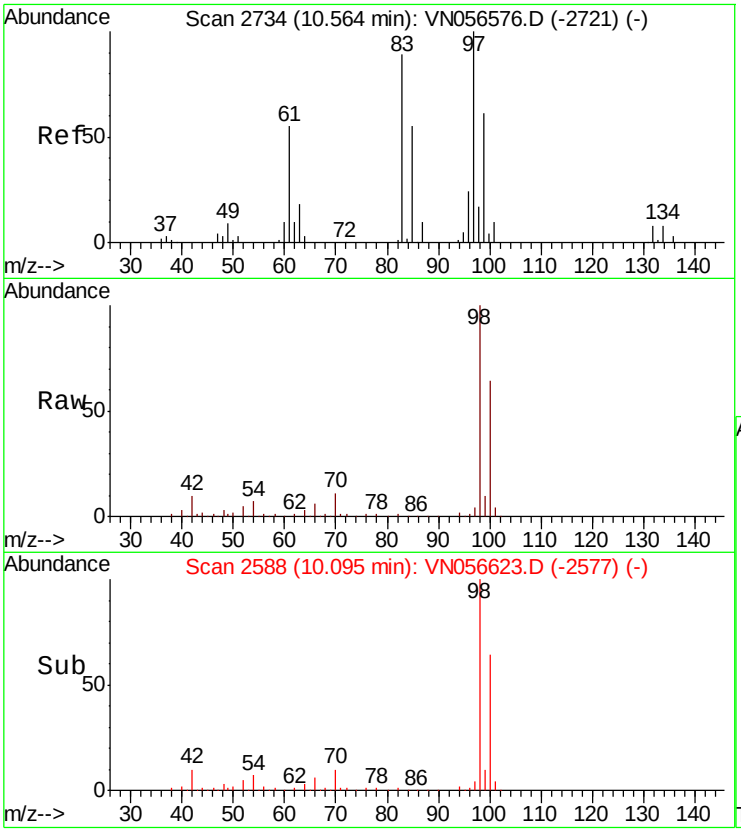


#44
Isopropyl Acetate
Concen: 1.105 ug/l
RT: 8.24 min Scan# 2011
Delta R.T. 0.07 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 43 Resp: 7033

Ion	Ratio	Lower	Upper
43	100		
61	0.9	16.9	25.3#



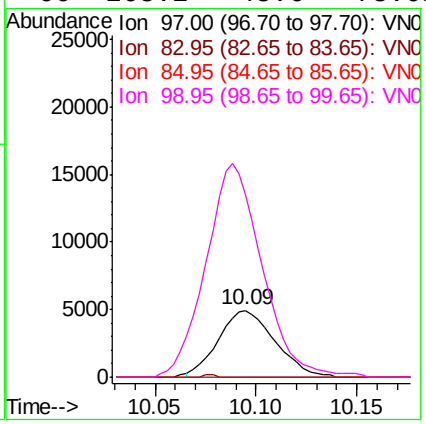


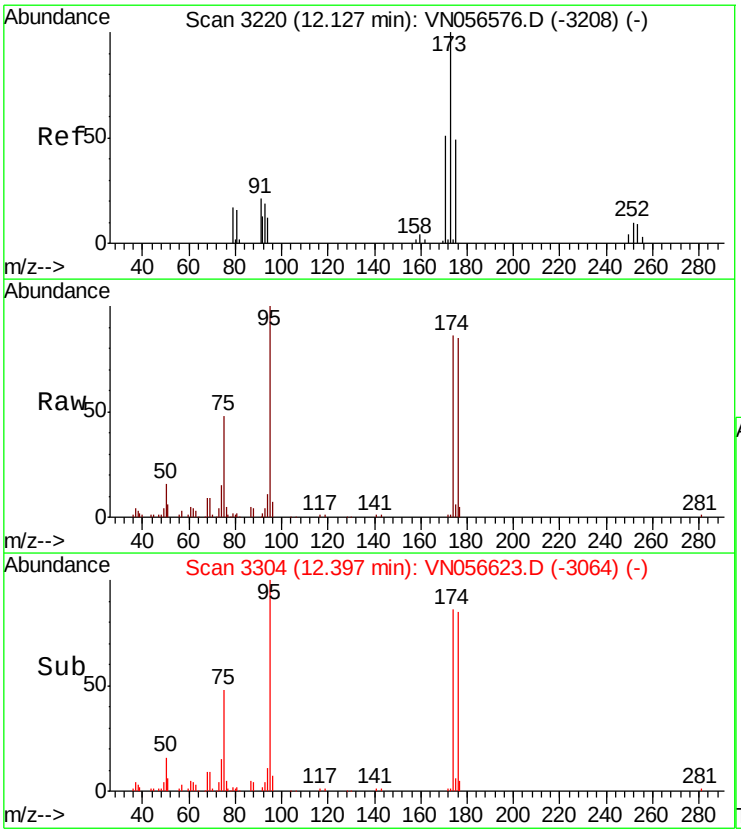
#50
1,1,2-Trichloroethane
Concen: 3.330 ug/l
RT: 10.09 min Scan# 2588
Delta R.T. -0.47 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion: 97 Resp: 9711

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.9	100.3#
85	0.0	43.3	64.9#
99	268.2	48.6	73.0#

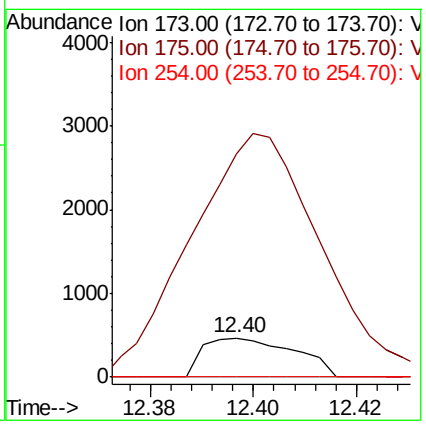


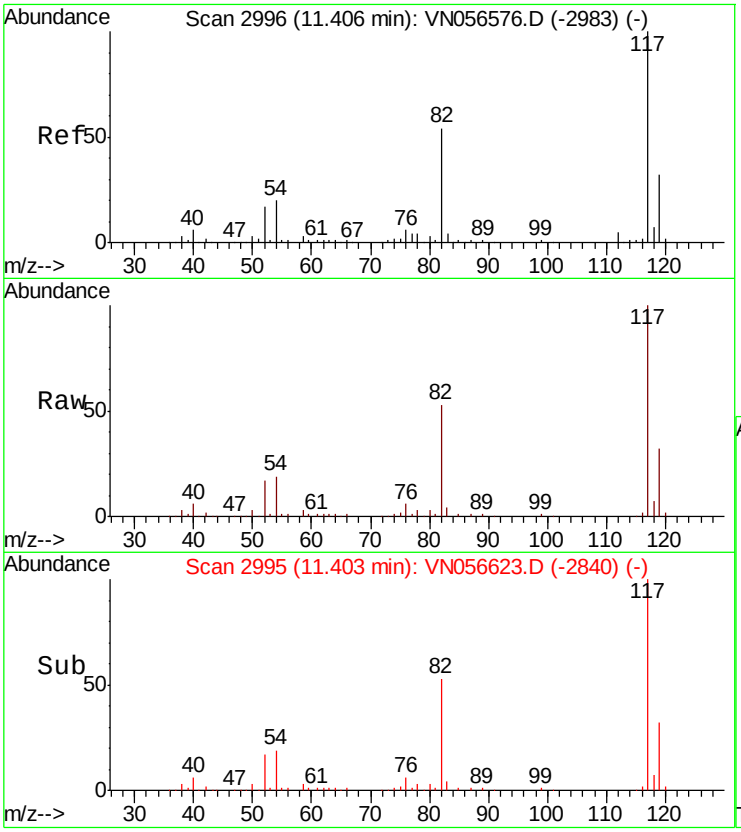


#56
Bromoform
Concen: 0.277 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion:173 Resp: 576

Ion	Ratio	Lower	Upper
173	100		
175	880.2	38.7	58.1#
254	0.0	6.6	9.8#



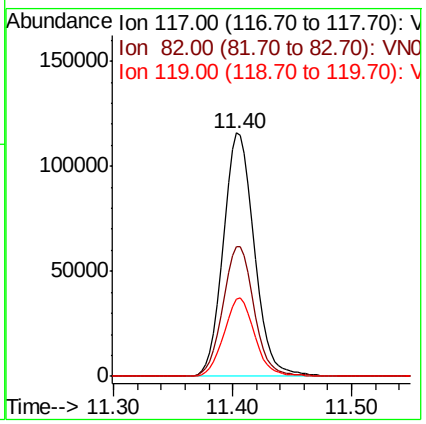


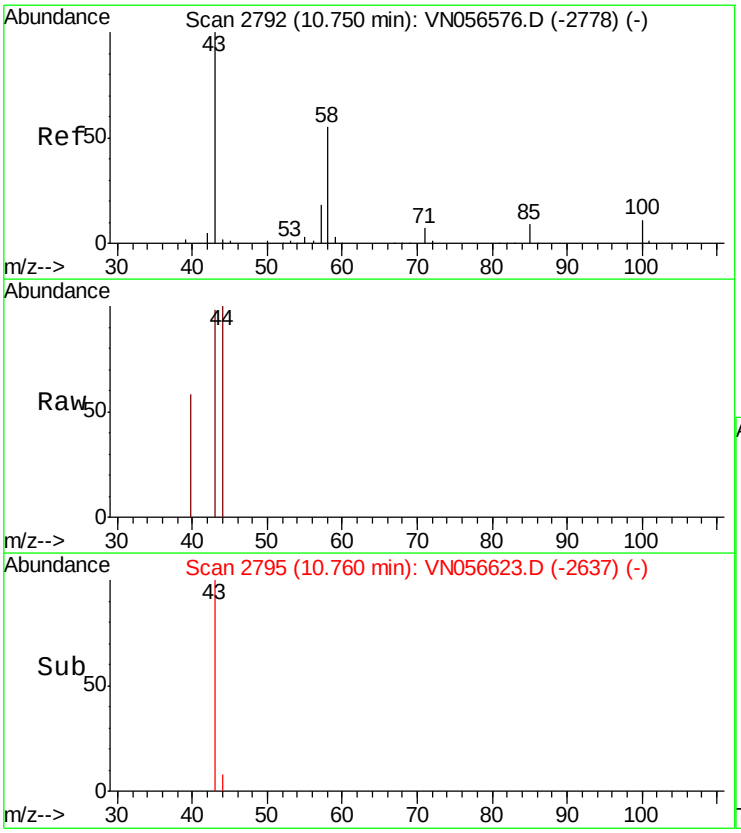
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion:117 Resp: 209464

Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.2	61.8
119	32.0	26.2	39.2

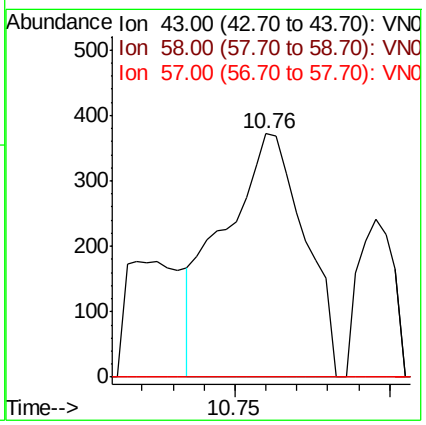


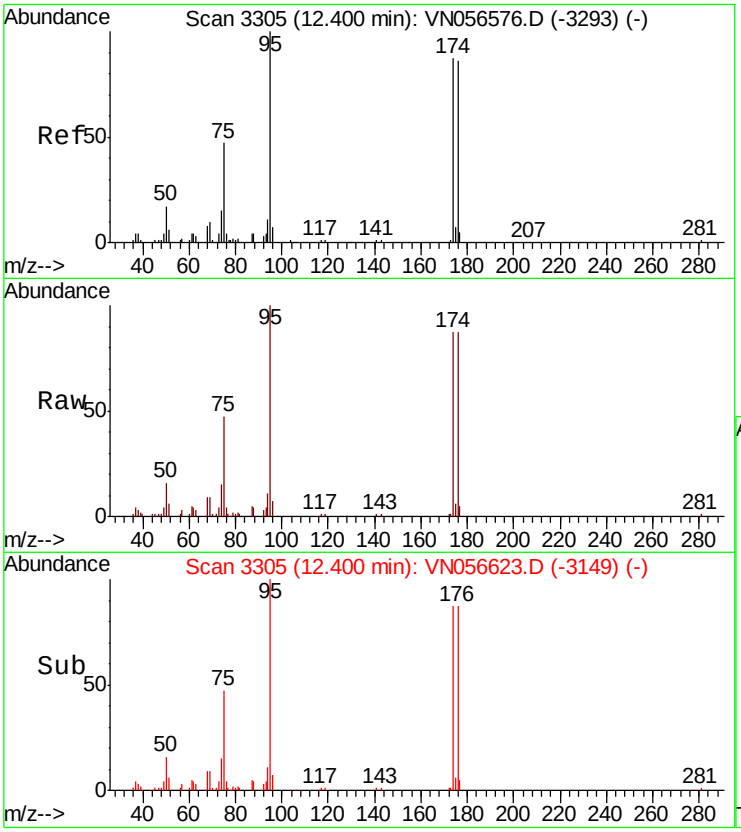


#59
2-Hexanone
Concen: 0.243 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 43 Resp: 680

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



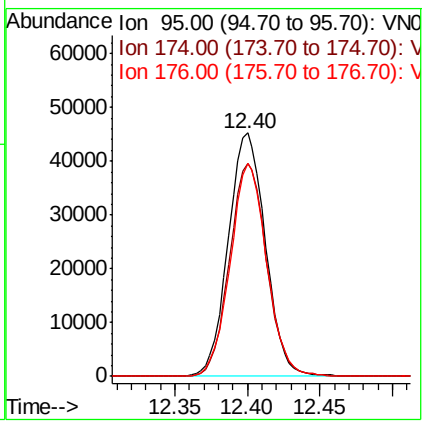


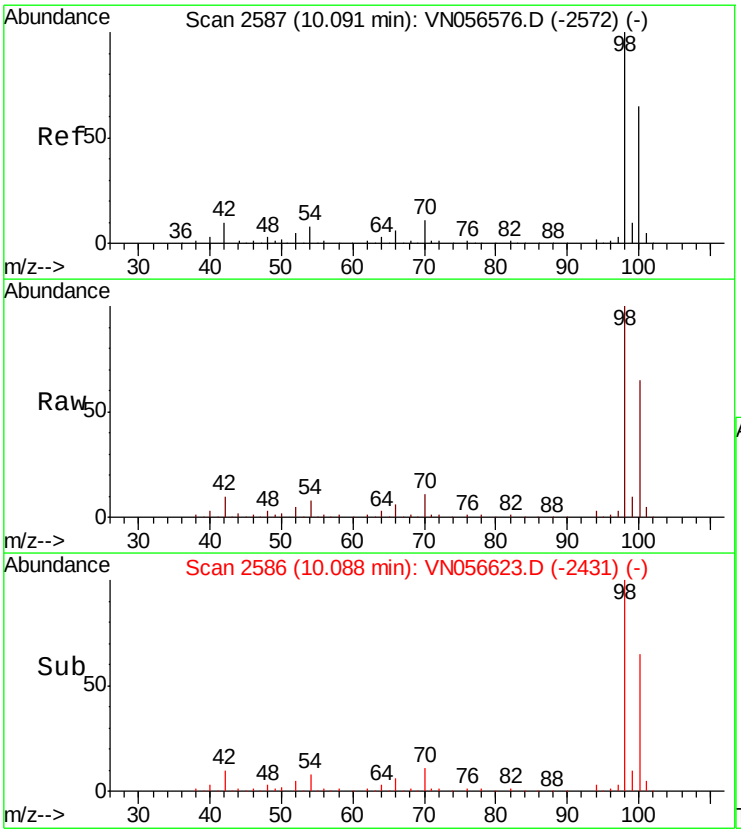
#60
4-Bromofluorobenzene
Concen: 25.021 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion: 95 Resp: 80535

Ion	Ratio	Lower	Upper
95	100		
174	87.3	75.4	113.0
176	85.5	73.9	110.9

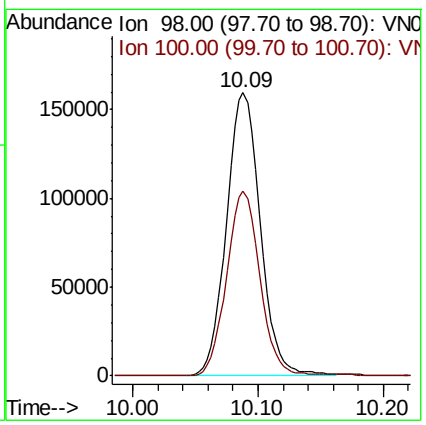


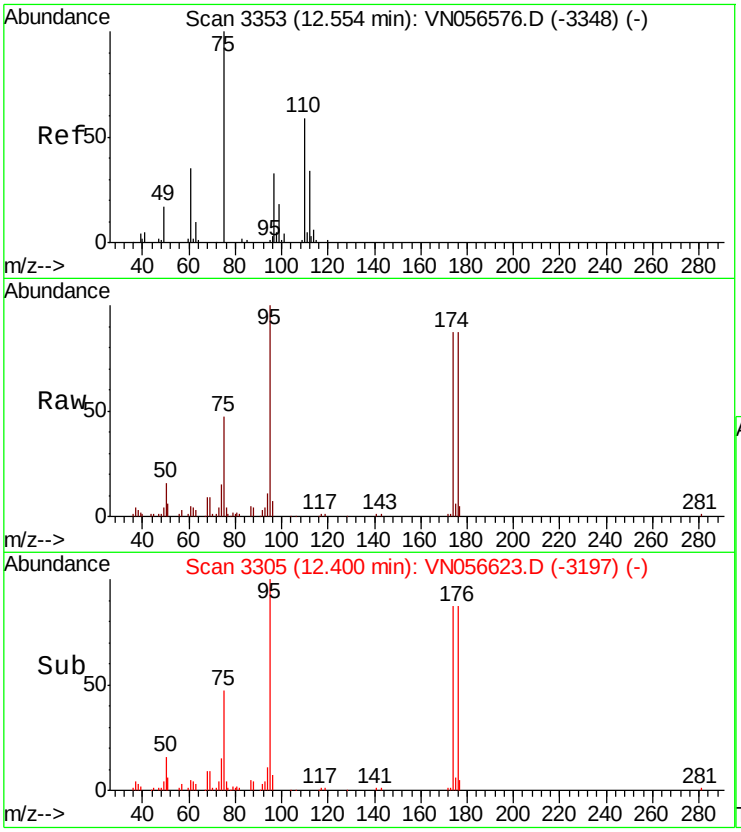


#63
Toluene-d8
Concen: 30.837 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 98 Resp: 300153

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



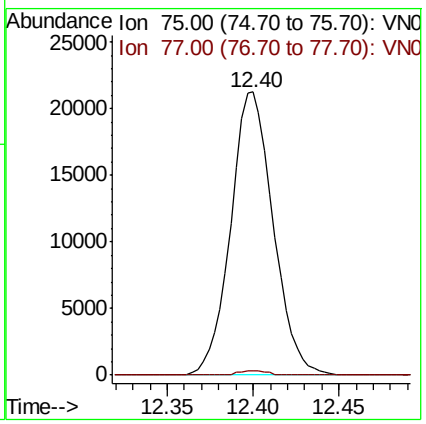


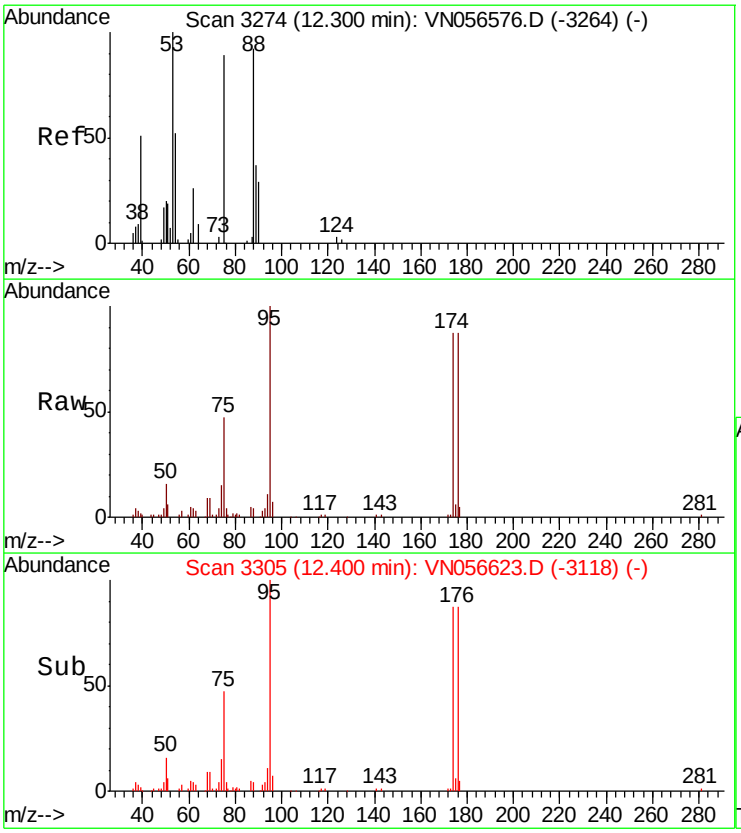
#72
1,2,3-Trichloropropane
Concen: 10.857 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
EFFL-B2-9

Tgt Ion: 75 Resp: 36434

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	350.0





#77
t-1,4-Dichloro-2-butene
Concen: 33.896 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056623.D
Acq: 9 Jul 2019 12:34

Tgt Ion: 75 Resp: 36434

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