Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058424.D
Acq On : 30 Sep 2019 11:09
Operator : JC/SP
Sample : PB123437TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Quant Time: Oct 01 01:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	441810	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	727893	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	624581	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243226	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	315770	48.91	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.82%			
35) Dibromofluoromethane	7.57	113	222562	49.89	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.78%			
50) Toluene-d8	10.08	98	917516	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery =	105.00%			
62) 4-Bromofluorobenzene	12.40	95	288644	45.68	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.36%			
Target Compounds							Qvalue
14) Allyl chloride	4.53	41	14701	1.938	ug/l	#	21
16) Acetone	3.80	43	12775	5.804	ug/l		91
18) Methyl Acetate	4.32	43	5085	0.919	ug/l	#	87
20) Methylene Chloride	4.53	84	395564	77.881	ug/l		99
31) Cyclohexane	7.65	56	10966	1.227	ug/l	#	35
36) 1,1-Dichloropropene	7.65	75	39322	5.650	ug/l	#	52
38) Carbon Tetrachloride	7.65	117	44626	7.103	ug/l	#	15
43) Isopropyl Acetate	8.15	43	107691	9.705	ug/l		99
45) 1,2-Dichloropropane	9.26	63	2257	0.421	ug/l	#	43
48) Methyl methacrylate	9.17	41	5814	1.151	ug/l	#	13
49) 1,4-Dioxane	9.25	88	74	1.095	ug/l	#	21
51) 4-Methyl-2-Pentanone	9.98	43	5790	1.016	ug/l		89
52) Toluene	10.15	92	4967	0.394	ug/l		94
54) cis-1,3-Dichloropropene	9.90	75	46592	5.990	ug/l	#	67
56) Ethyl methacrylate	10.54	69	1969	0.283	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	8467	1.035	ug/l	#	43
59) 2-Hexanone	10.76	43	124564	30.013	ug/l	#	53
68) m/p-Xylenes	11.62	106	1974	0.233	ug/l		87
71) Bromoform	12.39	173	346	0.813	ug/l	#	29
74) N-amyl acetate	12.03	43	4854	0.679	ug/l	#	47
76) 1,2,3-Trichloropropane	12.40	75	159567	35.918	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	10164	0.675	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	159567	109.087	ug/l	#	7

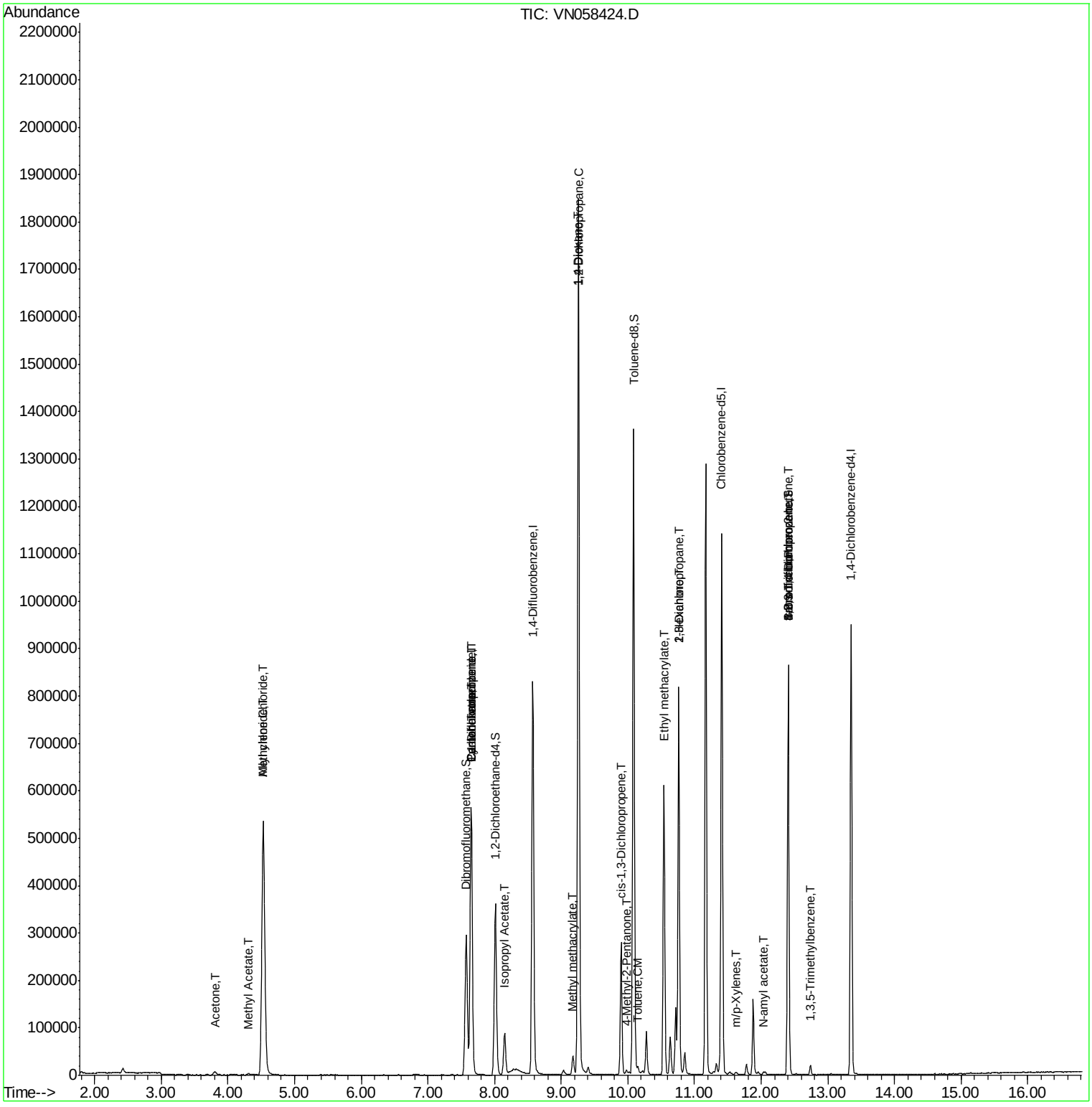
(#) = qualifier out of range (m) = manual integration (+) = signals summed

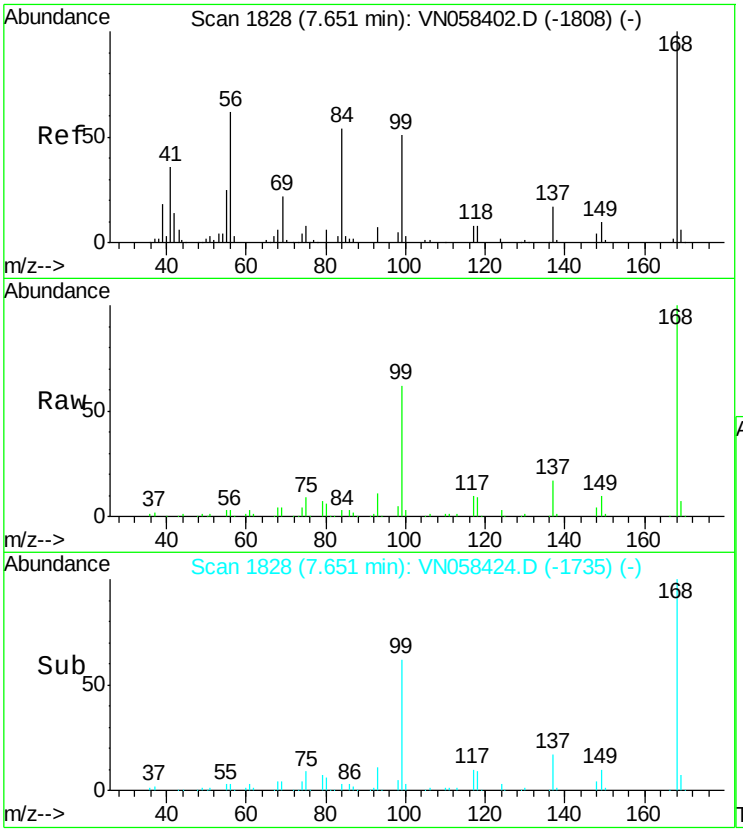
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093019\
Data File : VN058424.D
Acq On : 30 Sep 2019 11:09
Operator : JC/SP
Sample : PB123437TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Quant Time: Oct 01 01:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration



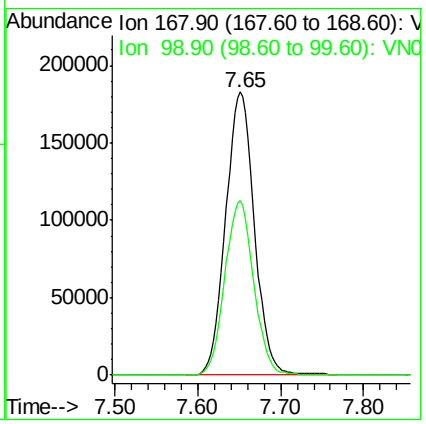


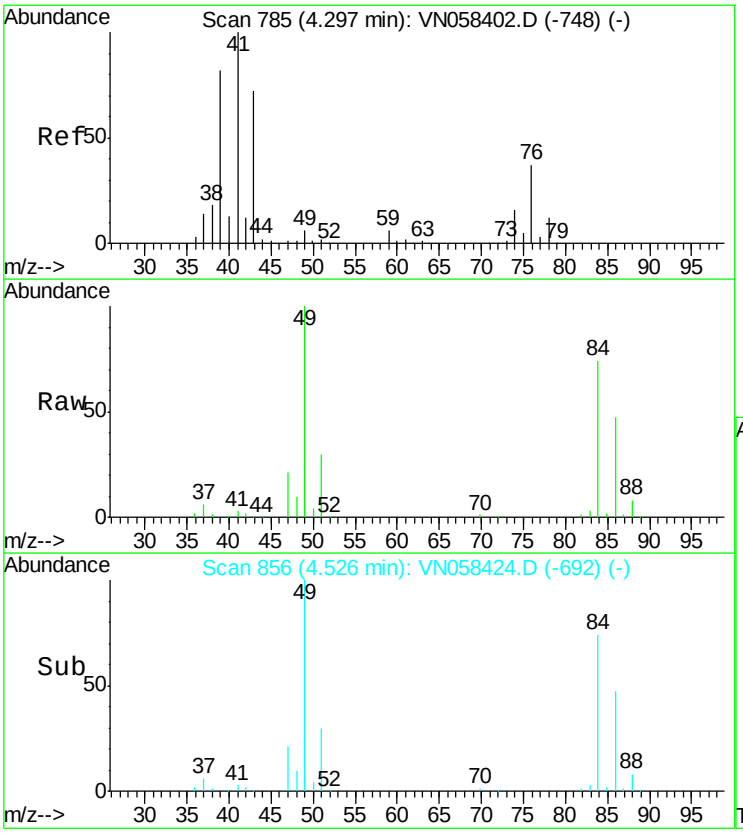
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion:168 Resp: 441810

Ion	Ratio	Lower	Upper
168	100		
99	61.8	47.7	71.5

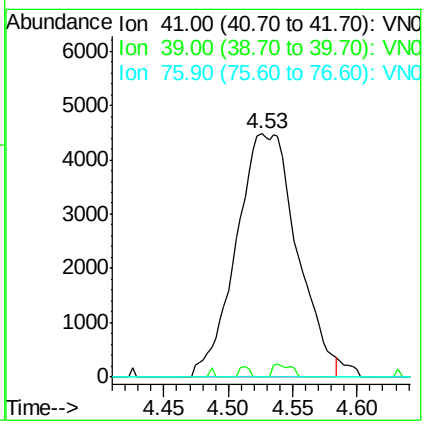


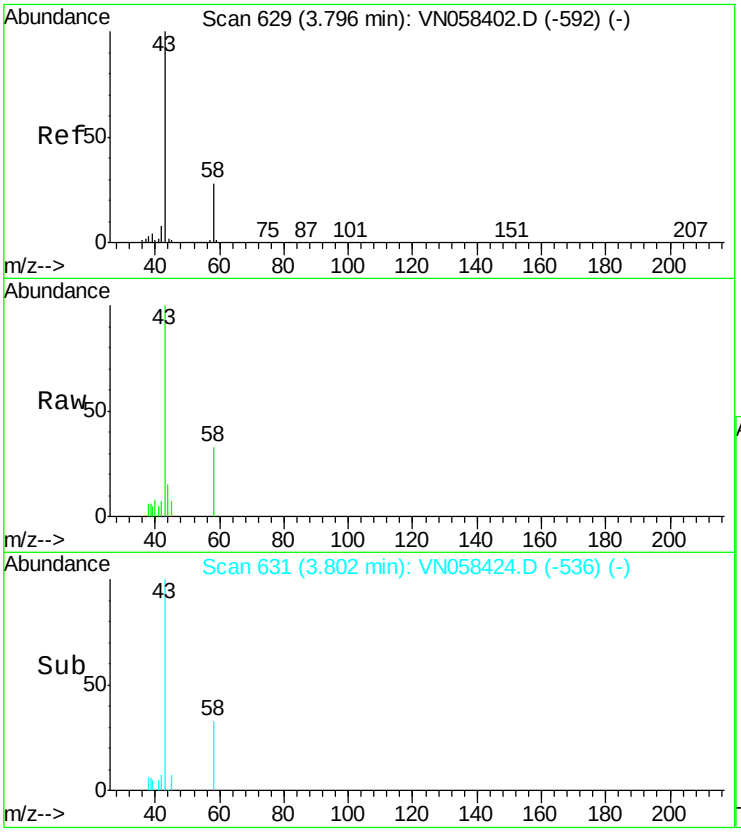


#14
Allyl chloride
Concen: 1.938 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.23 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 41 Resp: 14701

Ion	Ratio	Lower	Upper
41	100		
39	1.5	62.3	93.5#
76	0.0	26.9	40.3#



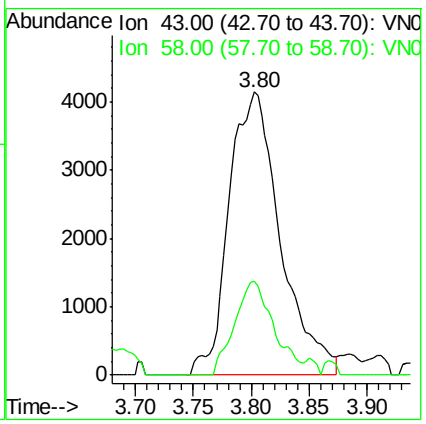


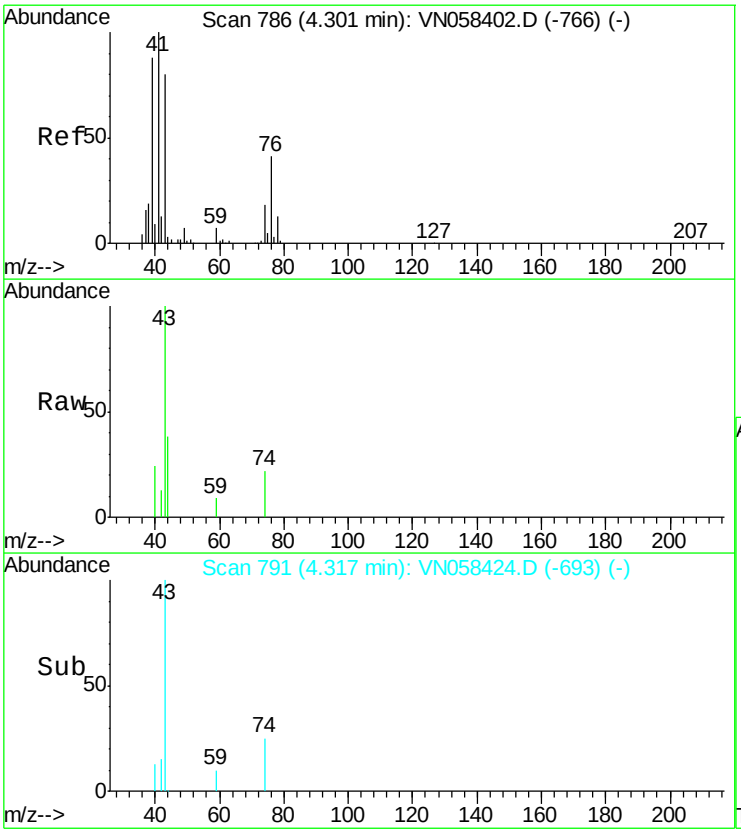
#16
Acetone
Concen: 5.804 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 43 Resp: 12775

Ion	Ratio	Lower	Upper
43	100		
58	33.0	22.4	33.6

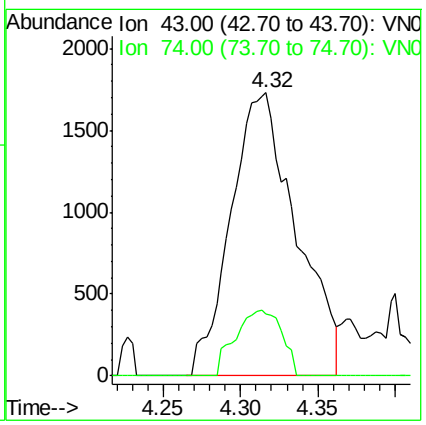


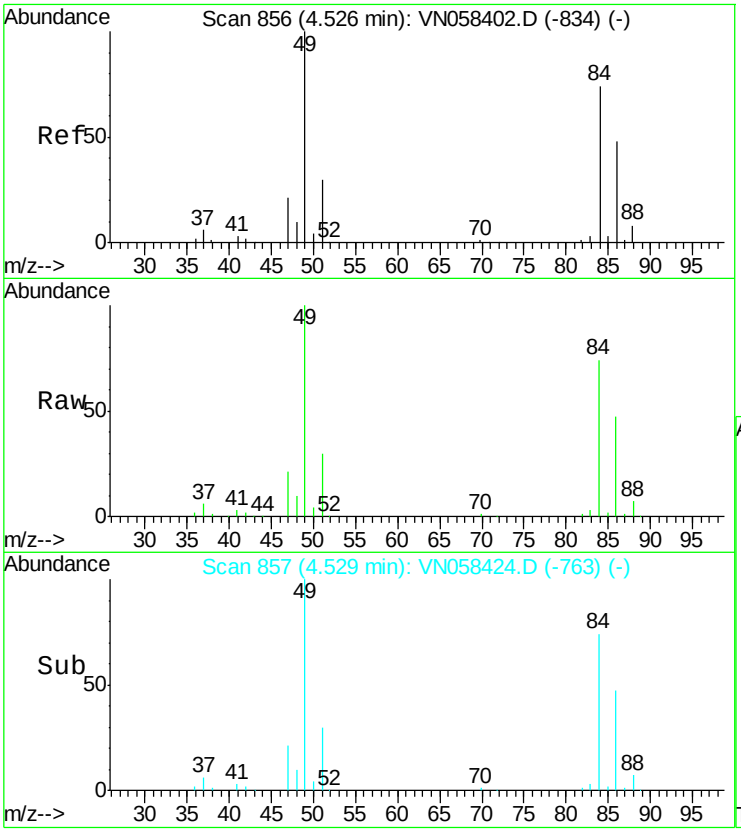


#18
Methyl Acetate
Concen: 0.919 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 43 Resp: 5085

Ion	Ratio	Lower	Upper
43	100		
74	16.4	18.0	27.0#



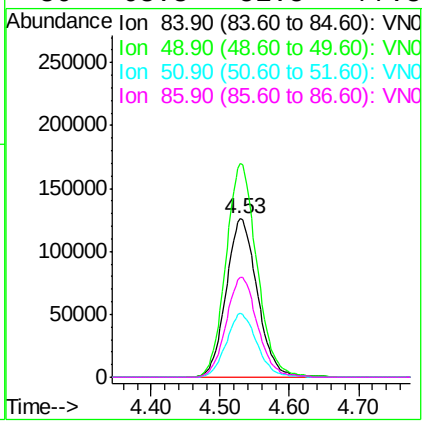


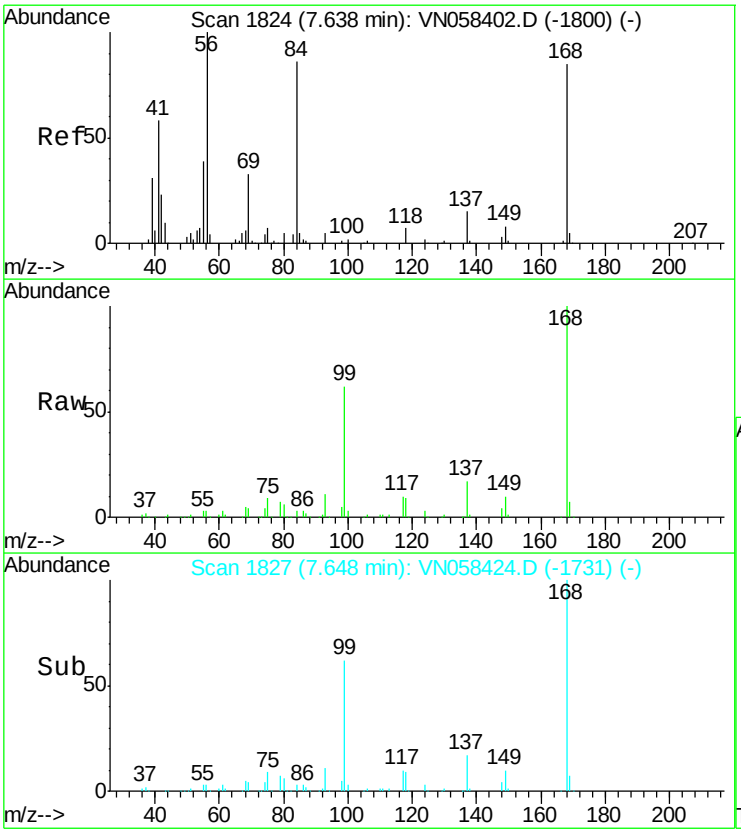
#20
Methylene Chloride
Concen: 77.881 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 84 Resp: 395564

Ion	Ratio	Lower	Upper
84	100		
49	134.9	107.9	161.9
51	40.2	32.8	49.2
86	63.3	51.5	77.3

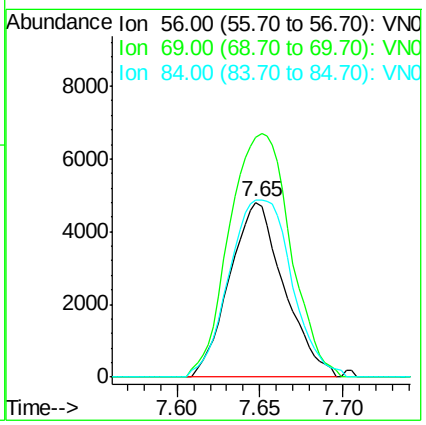


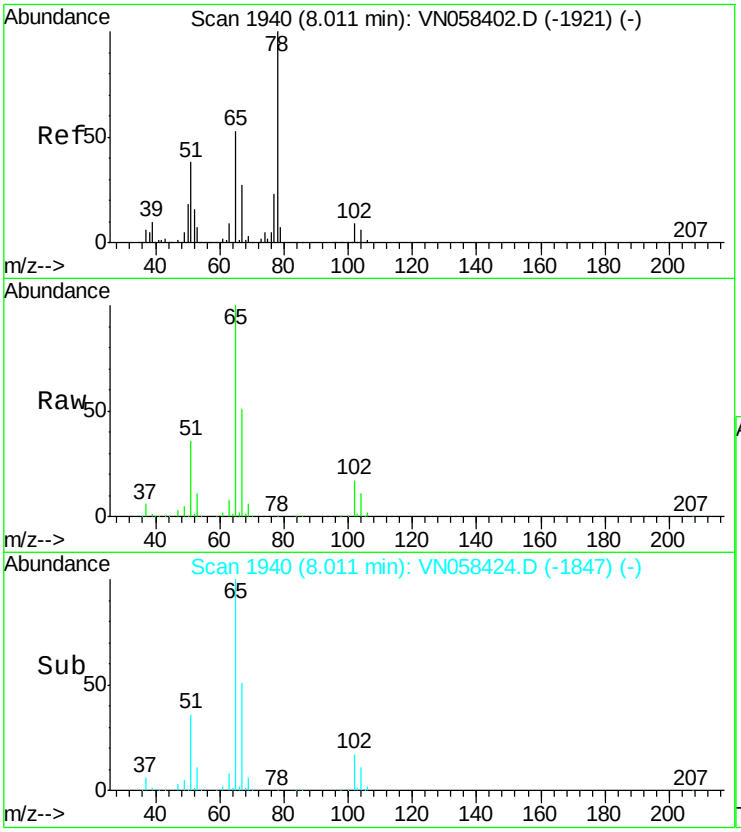


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 56 Resp: 10966

Ion	Ratio	Lower	Upper
56	100		
69	137.6	26.2	39.4#
84	101.1	67.6	101.4



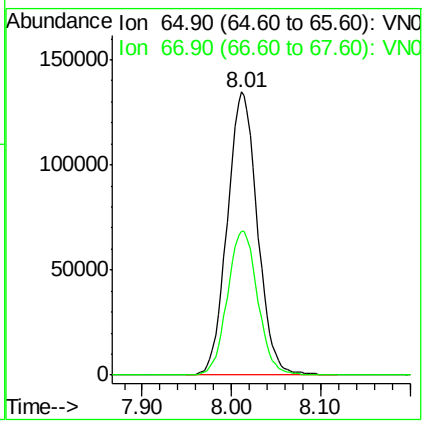


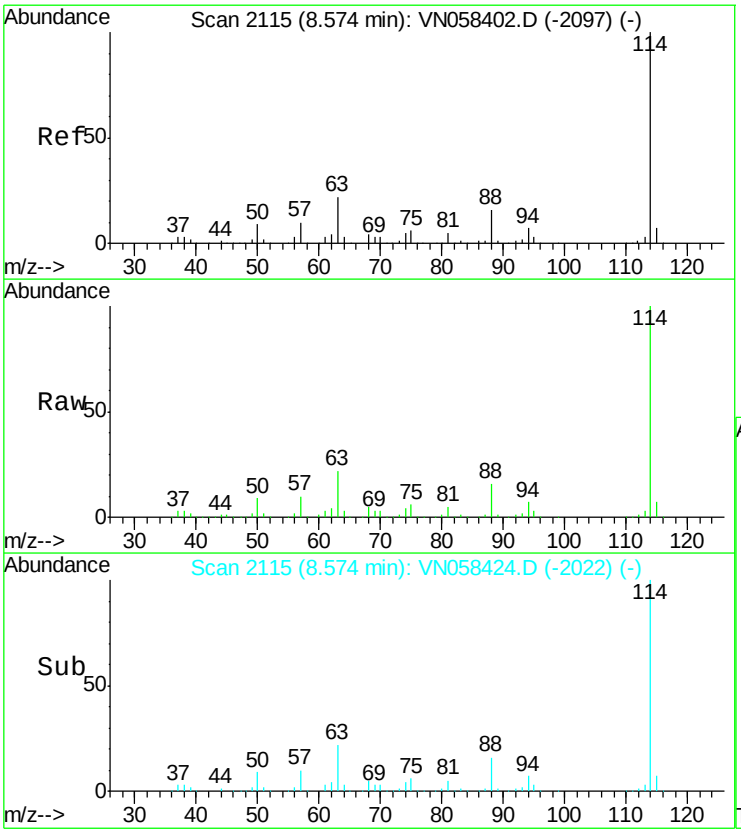
#33
1,2-Dichloroethane-d4
Concen: 48.909 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 65 Resp: 315770

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.4

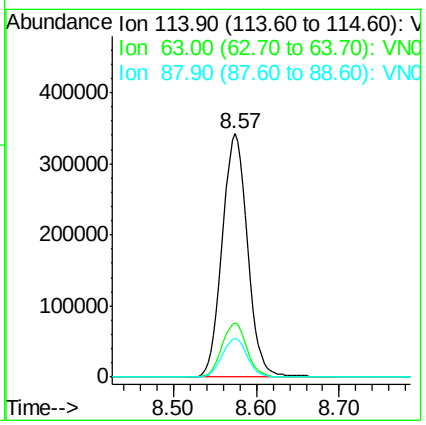


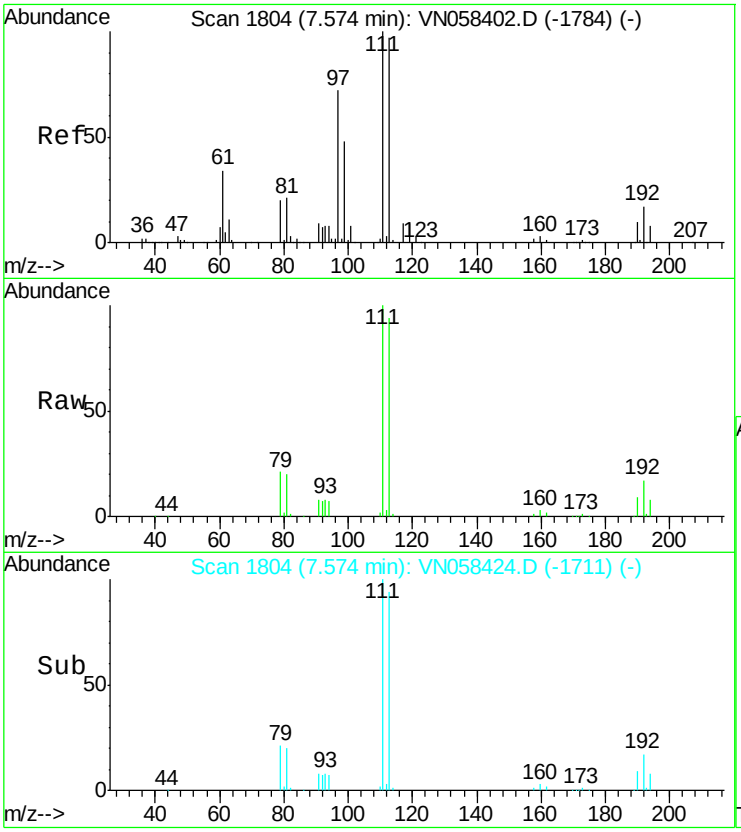


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion:114 Resp: 727893

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	15.9	0.0	32.2



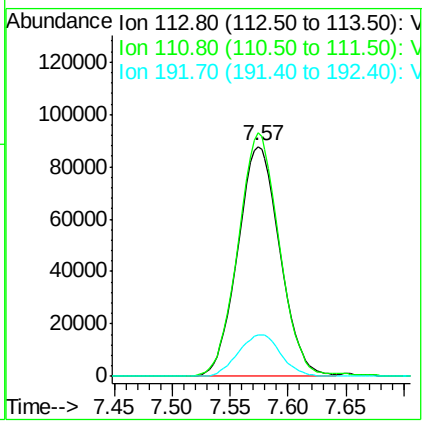


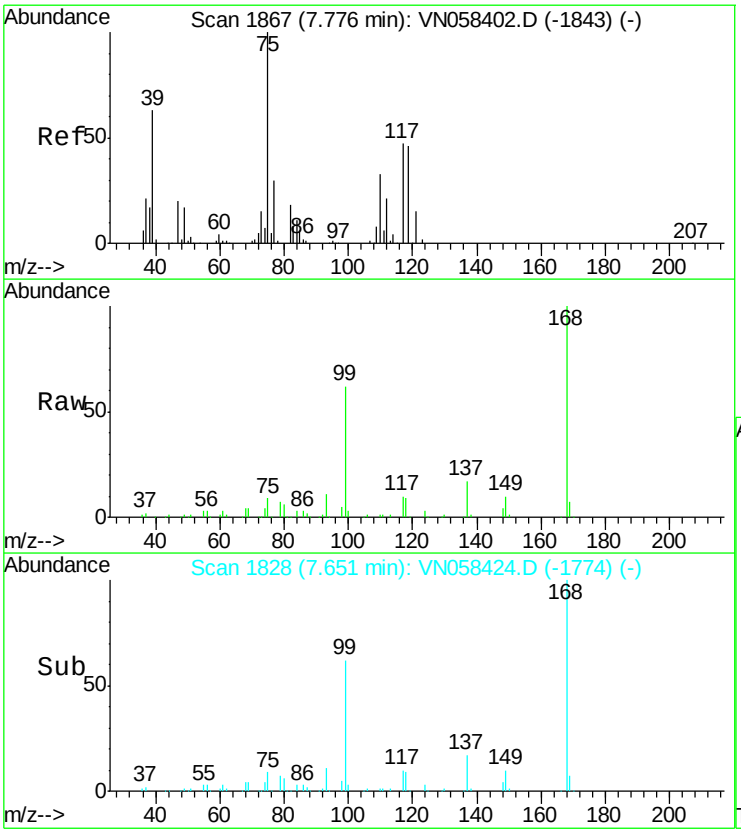
#35
Dibromofluoromethane
Concen: 49.889 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion:113 Resp: 222562

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	18.3	14.9	22.3

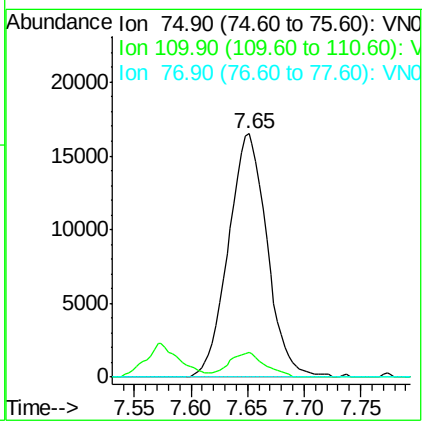


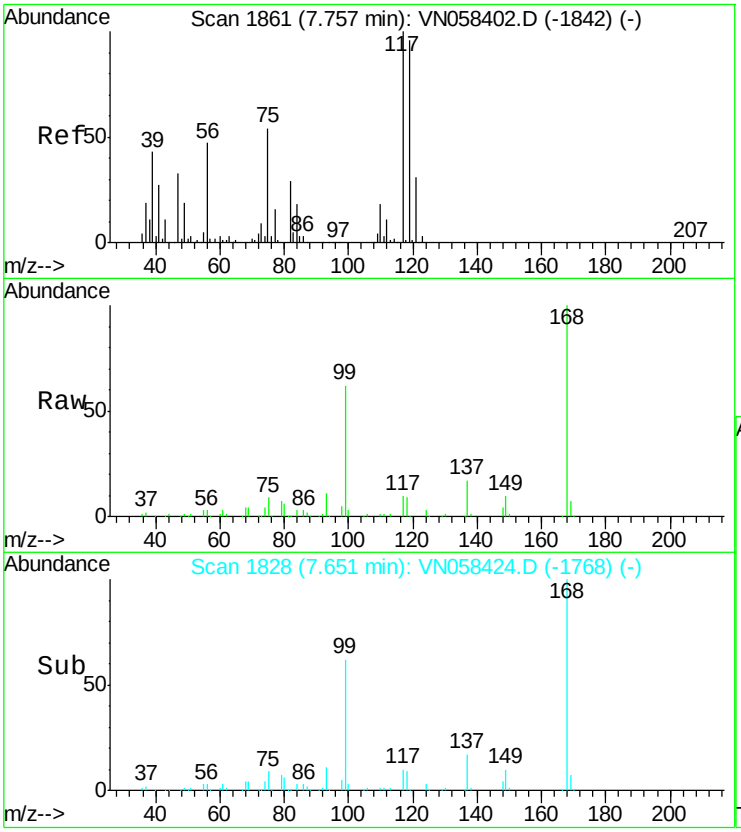


#36
1,1-Dichloropropene
Concen: 5.650 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 75 Resp: 39322

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.4	49.2#
77	0.0	24.3	36.5#



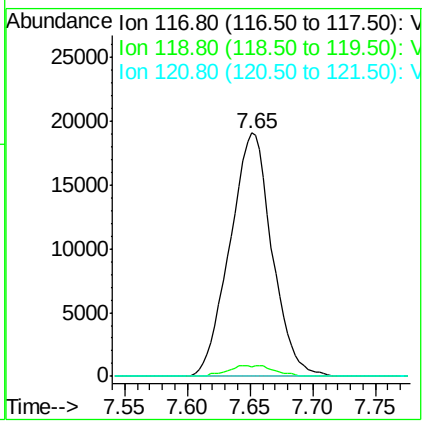


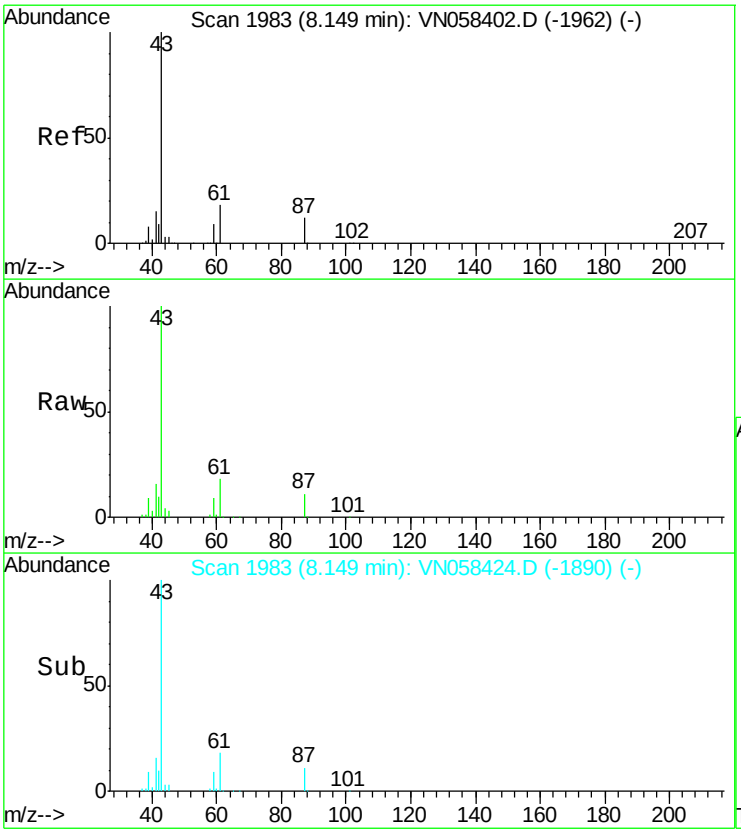
#38
Carbon Tetrachloride
Concen: 7.103 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion:117 Resp: 44626

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.6	115.0#
121	0.0	24.7	37.1#

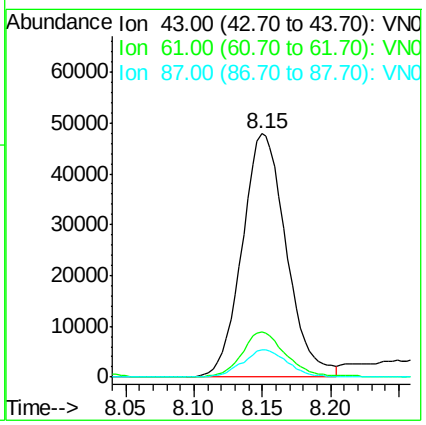


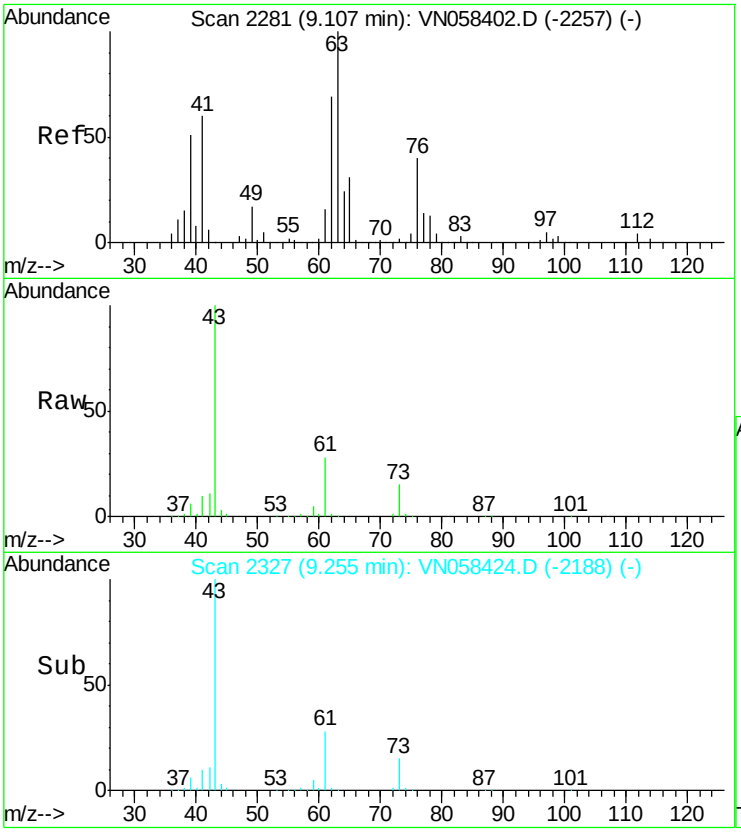


#43
Isopropyl Acetate
Concen: 9.705 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 43 Resp: 107691

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	11.3	9.7	14.5



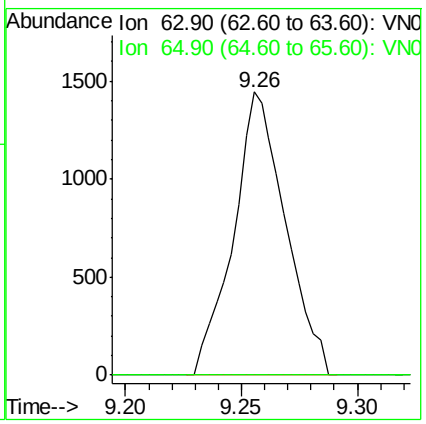


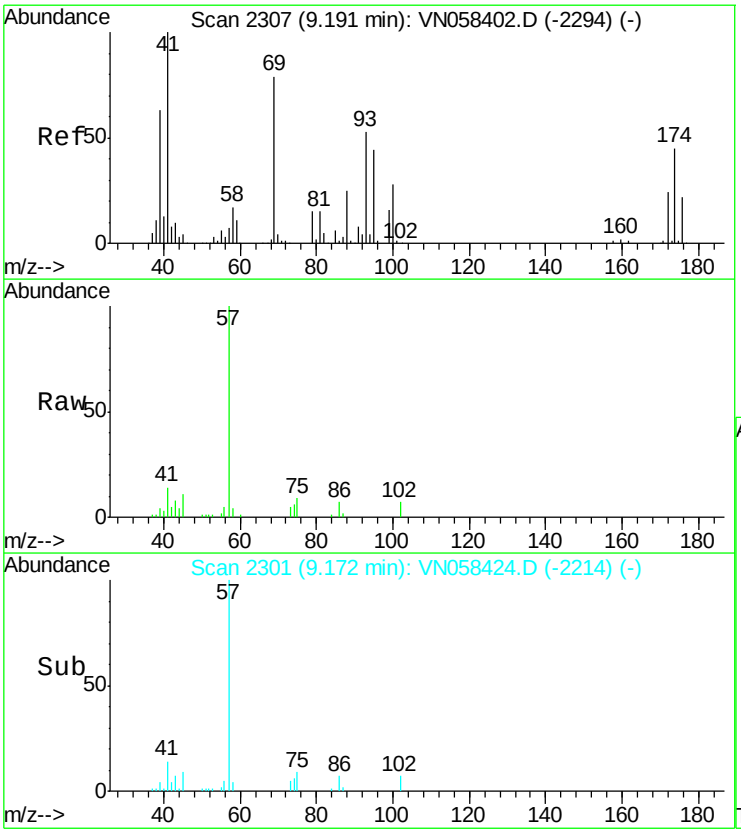
#45
1,2-Dichloropropane
Concen: 0.421 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.15 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion: 63 Resp: 2257

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

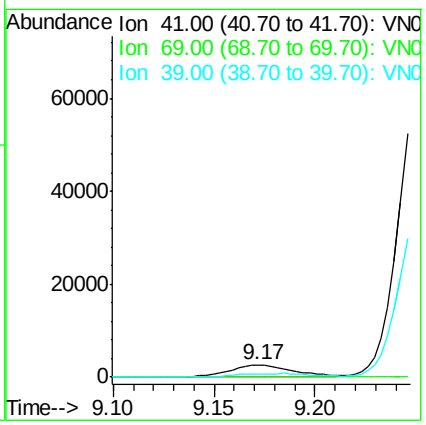


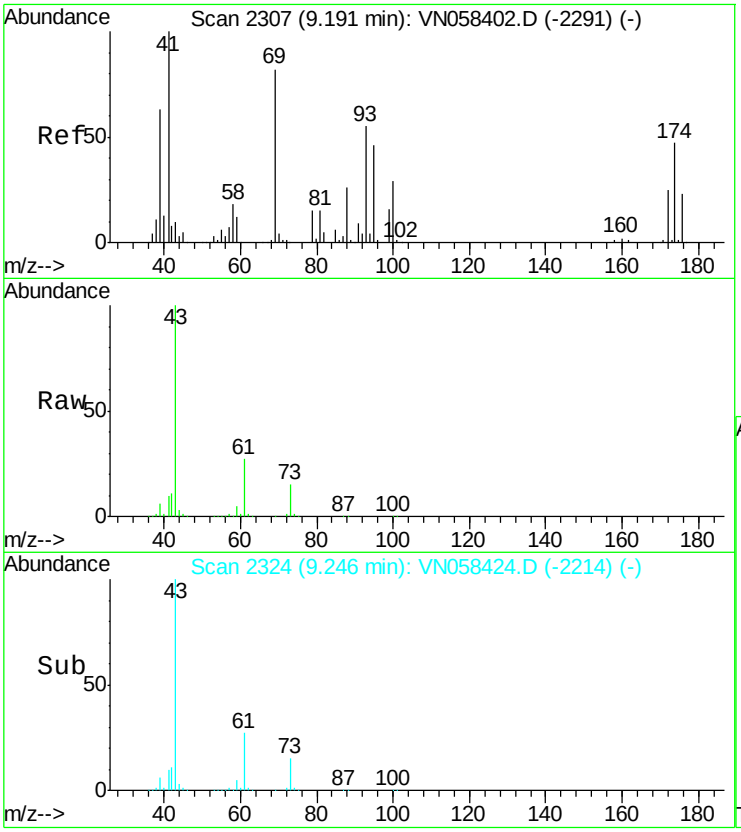


#48
Methyl methacrylate
Concen: 1.151 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 41 Resp: 5814

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	0.0	52.9	79.3#



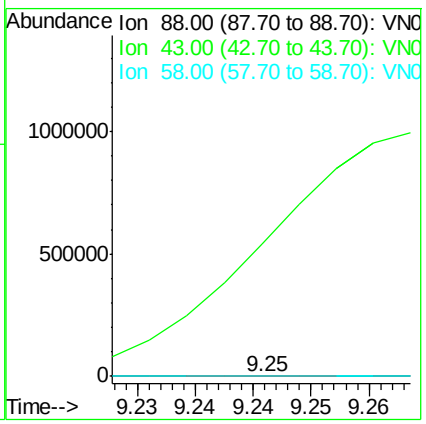


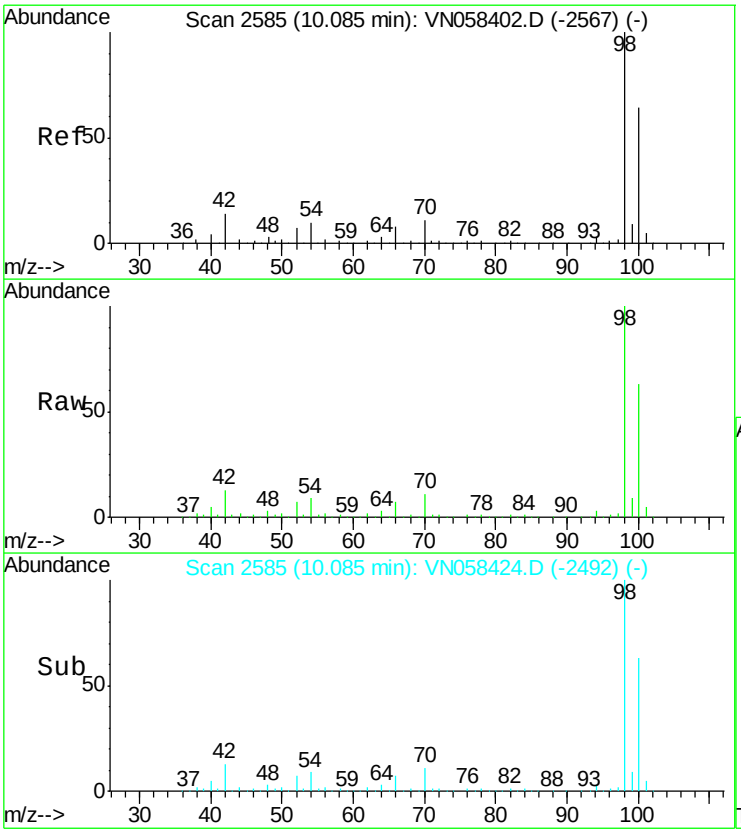
#49
1,4-Dioxane
Concen: 1.095 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.05 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.1	46.7#
58	0.0	58.1	87.1#

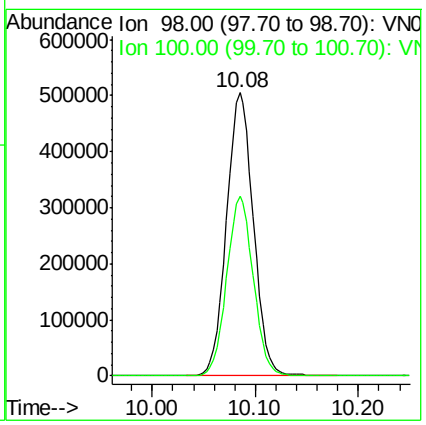


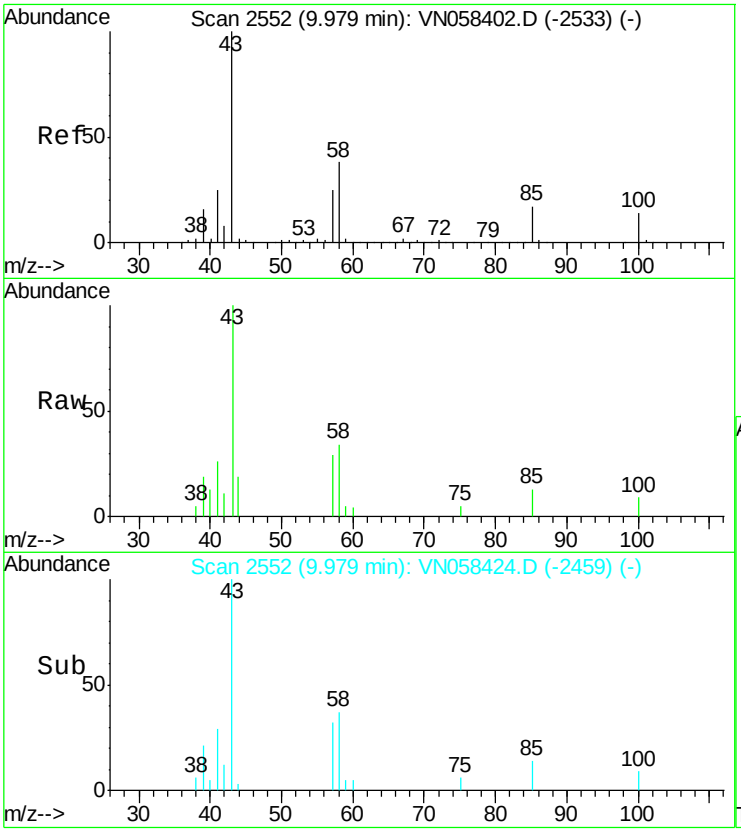


#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 98 Resp: 917516

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.0	76.6



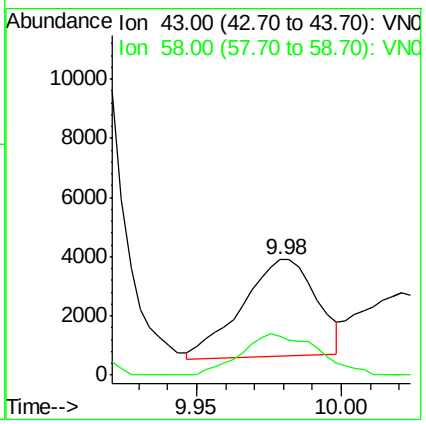


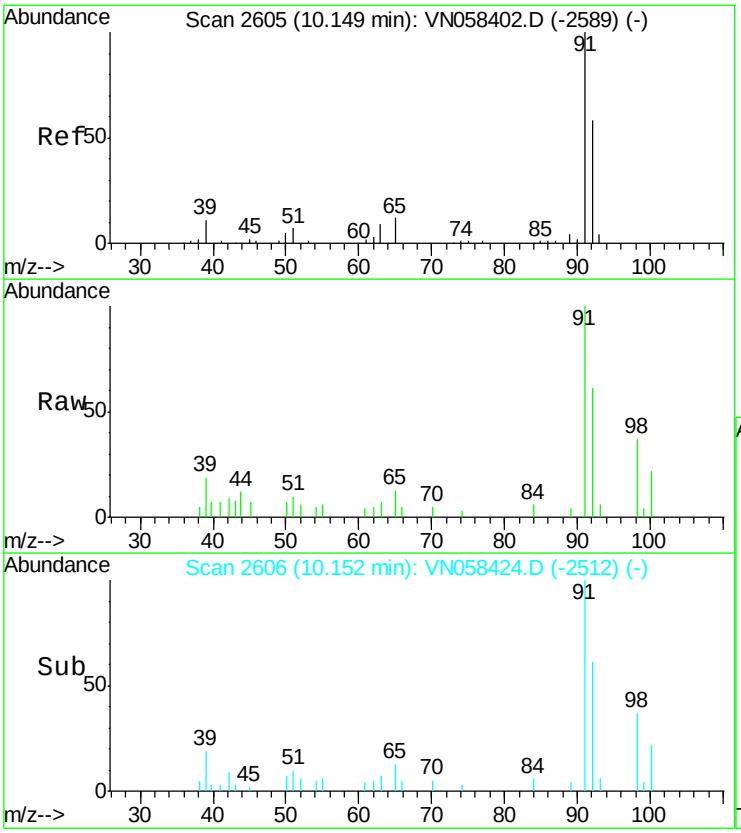
#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 43 Resp: 5790

Ion	Ratio	Lower	Upper
43	100		
58	44.6	30.2	45.2

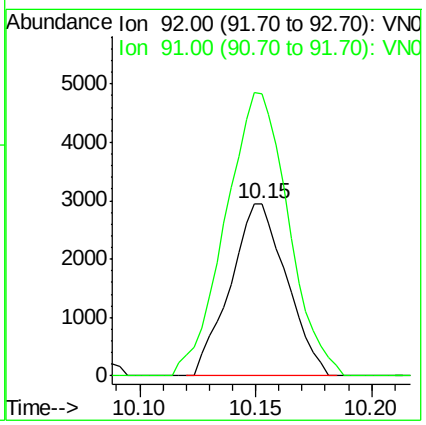


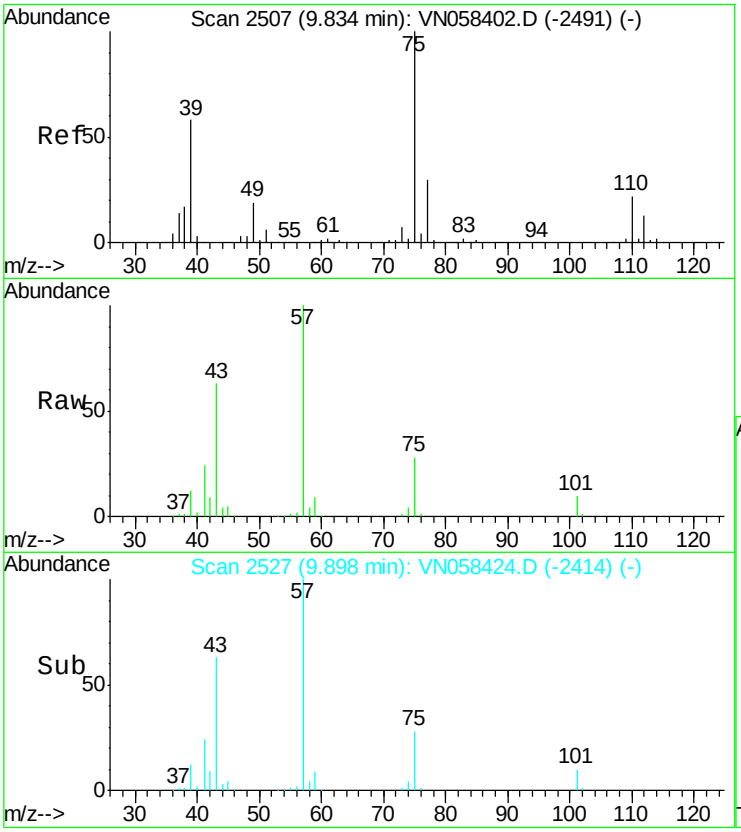


#52
Toluene
Concen: 0.394 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 92 Resp: 4967

Ion	Ratio	Lower	Upper
92	100		
91	184.0	140.2	210.4



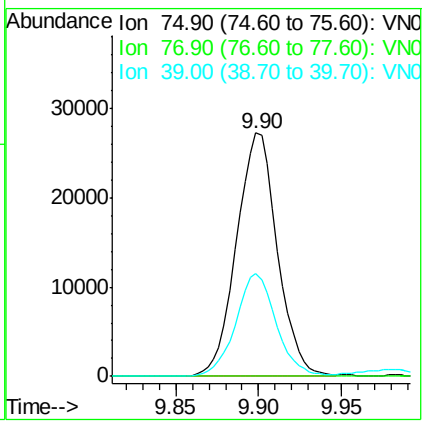


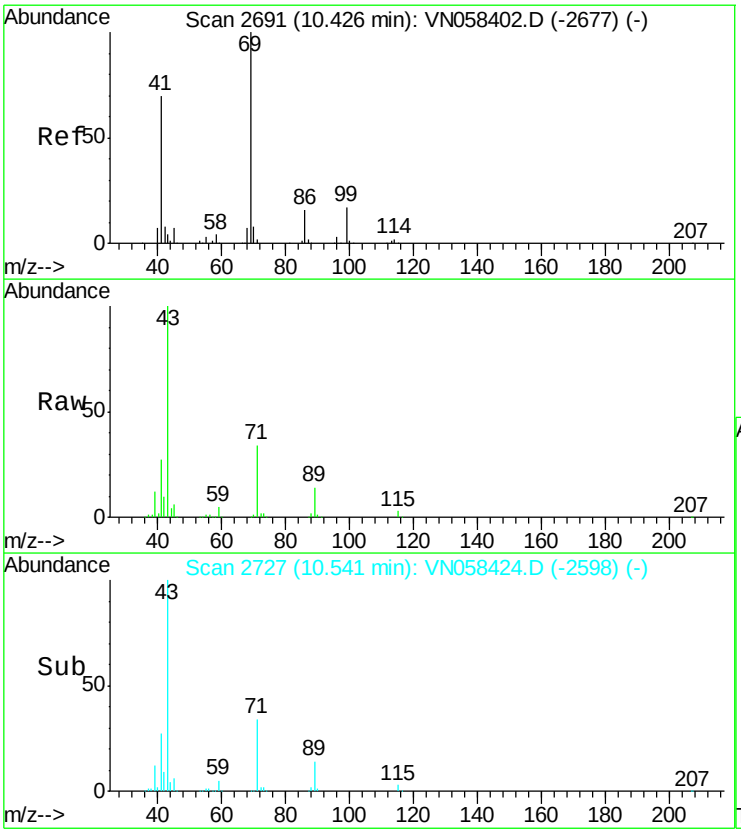
#54
cis-1,3-Dichloropropene
Concen: 5.990 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 75 Resp: 46592

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#
39	42.3	46.4	69.6#

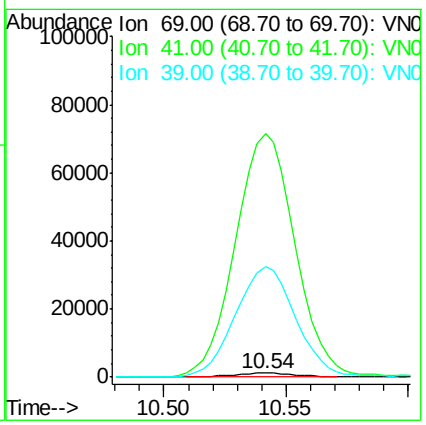


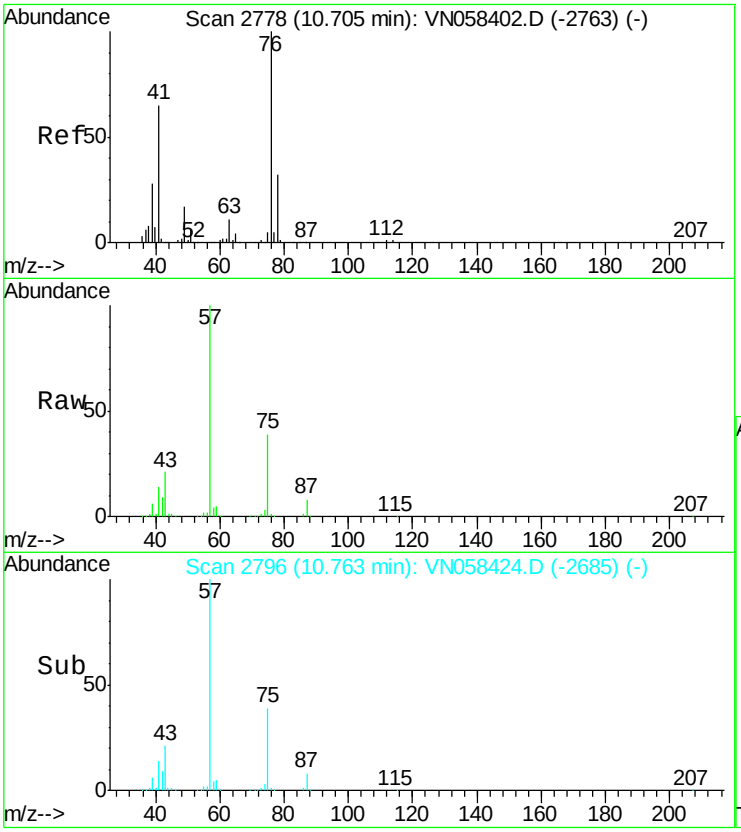


#56
Ethyl methacrylate
Concen: 0.283 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 69 Resp: 1969

Ion	Ratio	Lower	Upper
69	100		
41	6193.4	56.3	84.5#
39	2829.9	35.8	53.6#



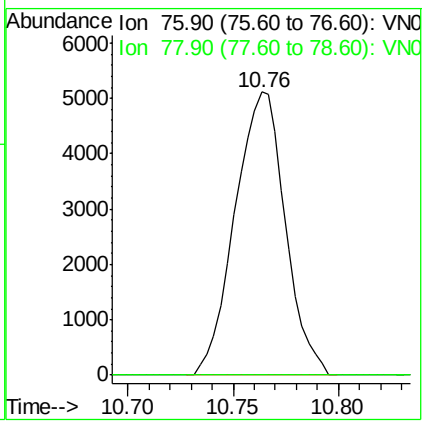


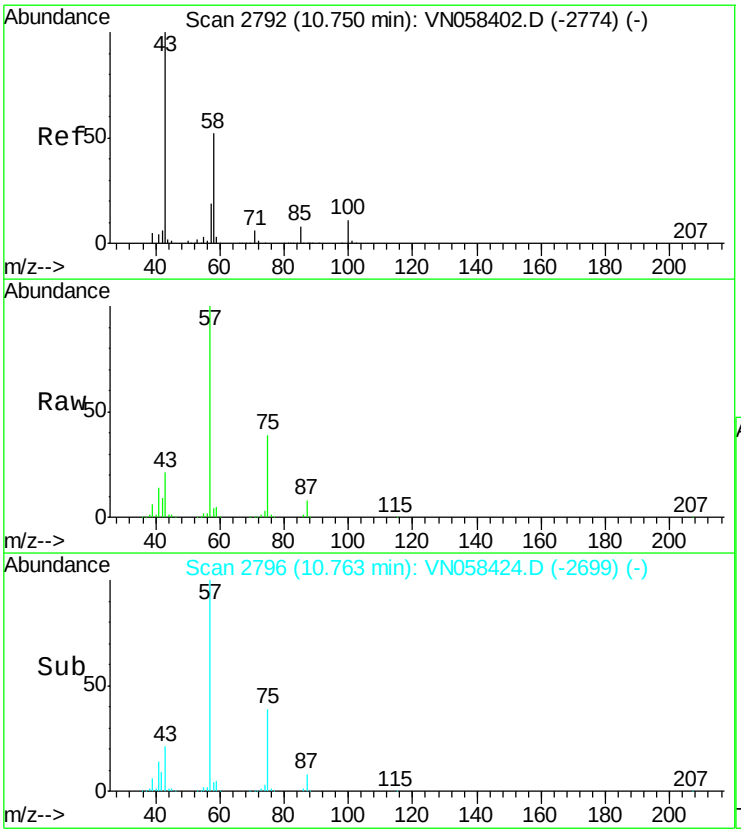
#57
1,3-Dichloropropane
Concen: 1.035 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion: 76 Resp: 8467

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

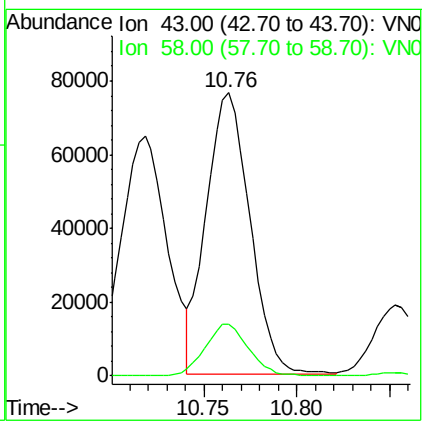


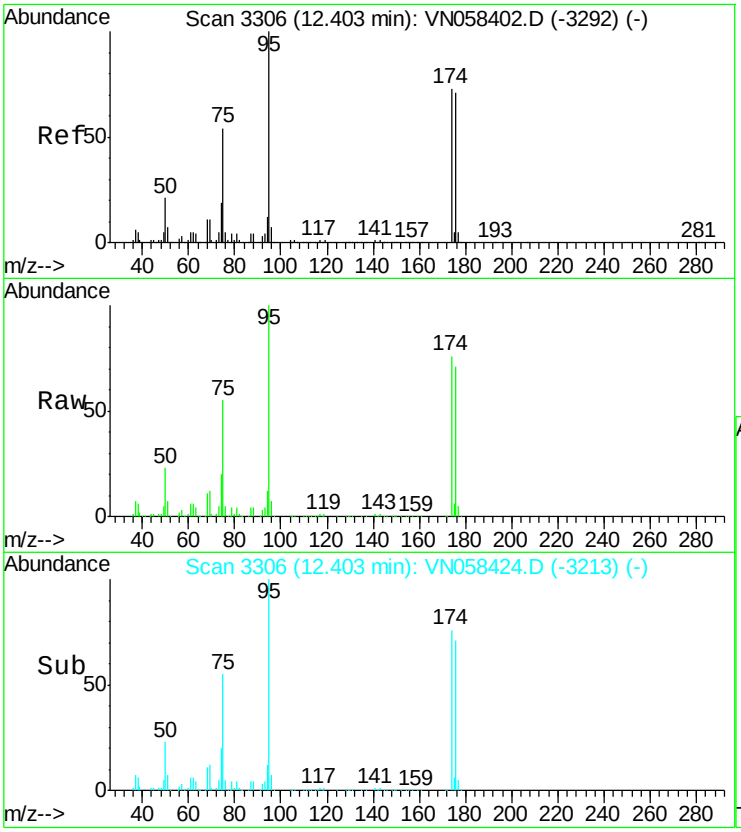


#59
2-Hexanone
Concen: 30.013 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 43 Resp: 124564

Ion	Ratio	Lower	Upper
43	100		
58	18.6	25.8	77.3#



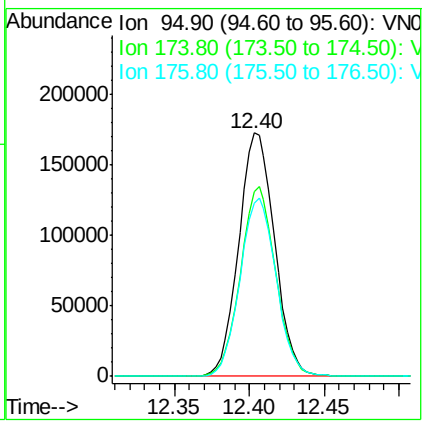


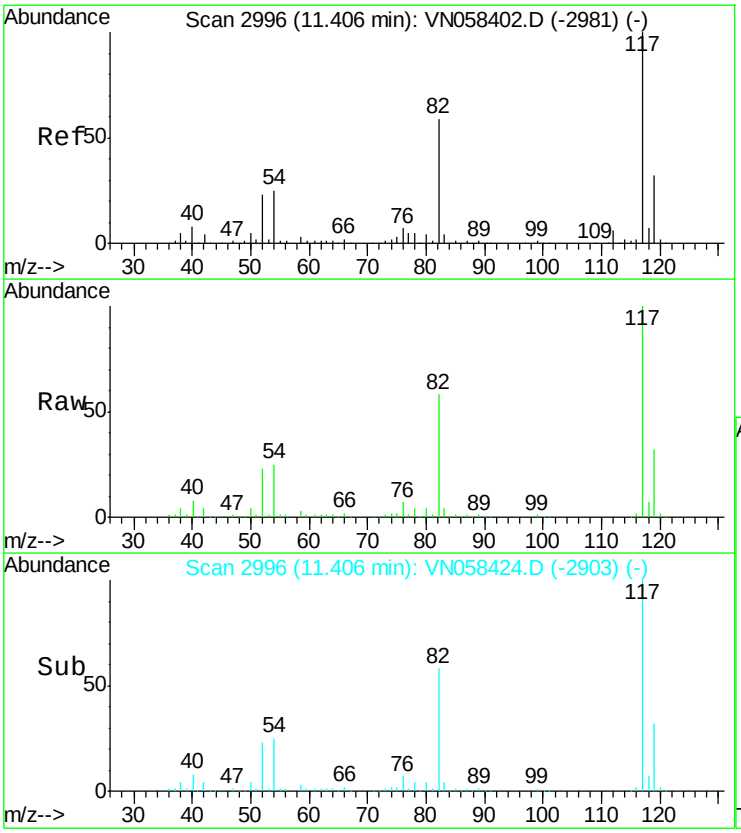
#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion: 95 Resp: 288644

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.6
176	73.7	0.0	146.2

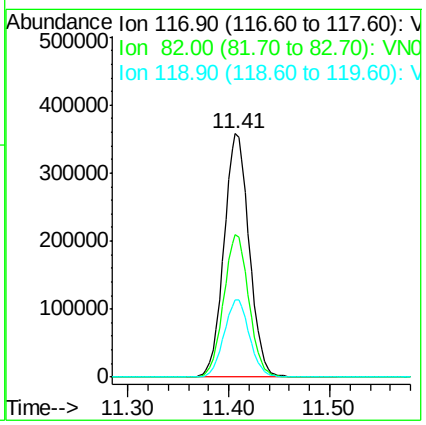


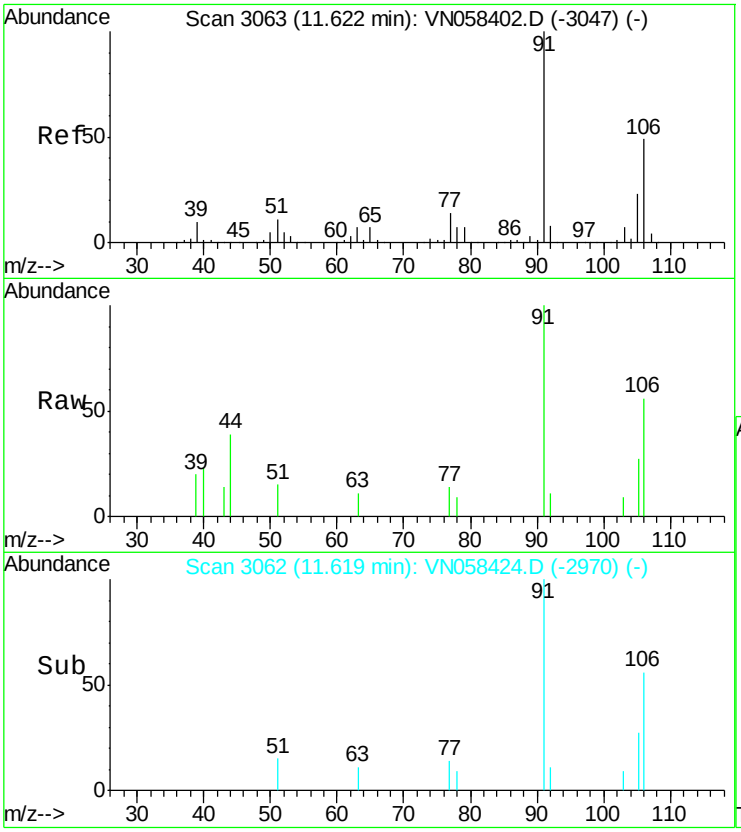


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion:117 Resp: 624581

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.0
119	31.5	25.5	38.3



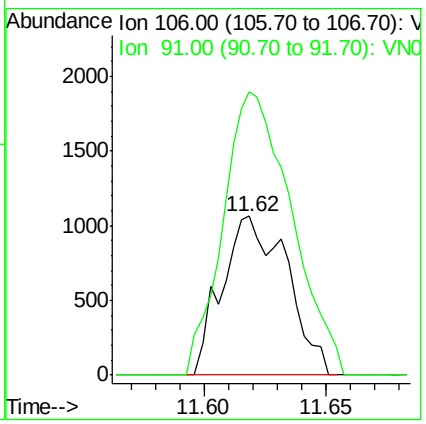


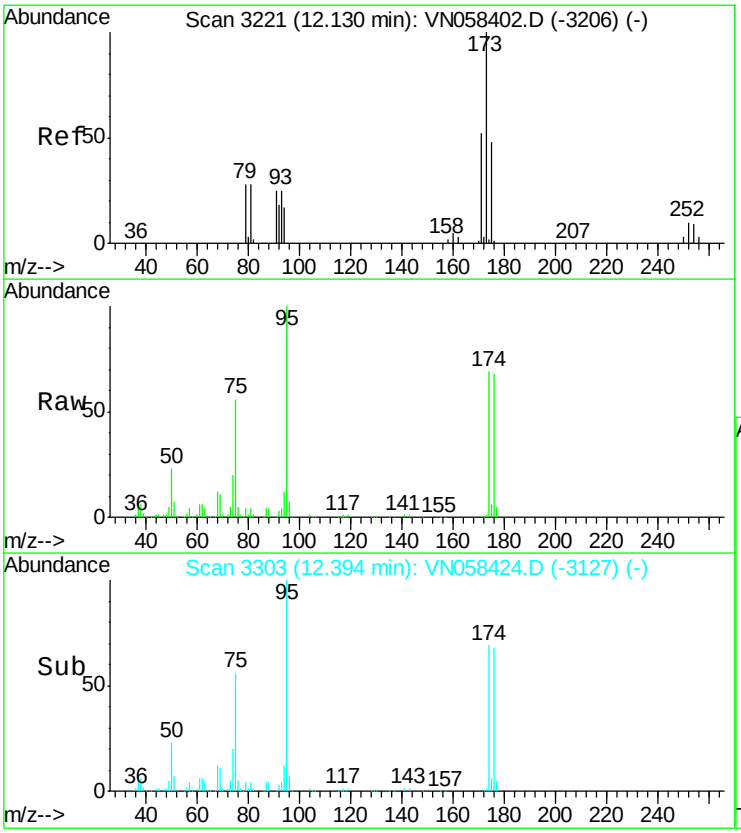
#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion:106 Resp: 1974

Ion	Ratio	Lower	Upper
106	100		
91	186.8	165.0	247.4

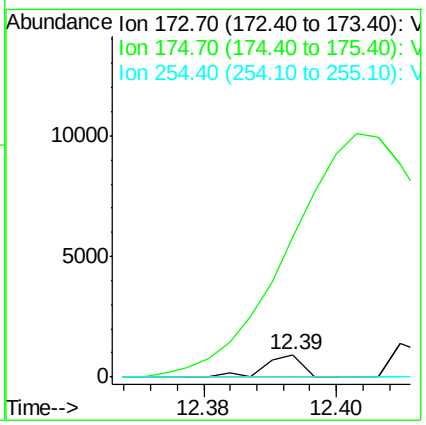


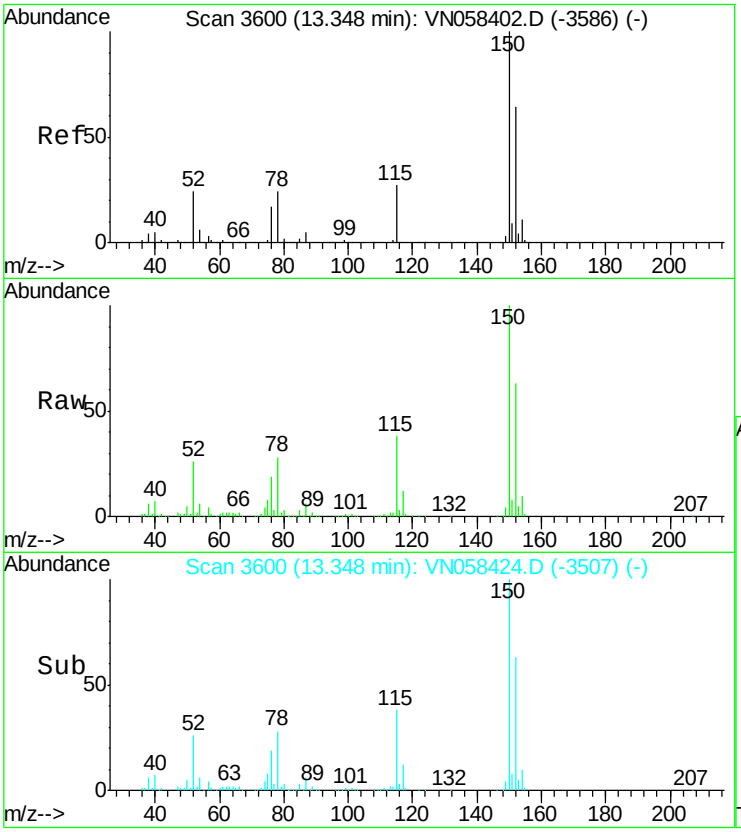


#71
Bromoform
Concen: 0.813 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion:173 Resp: 346

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.1	0.1#



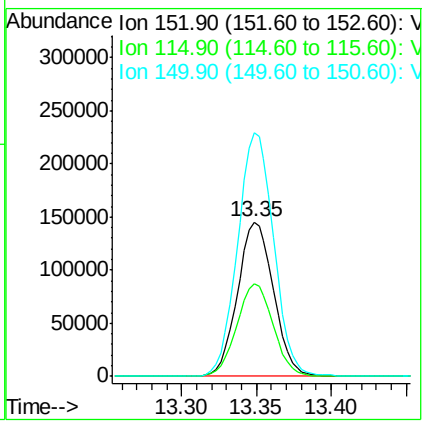


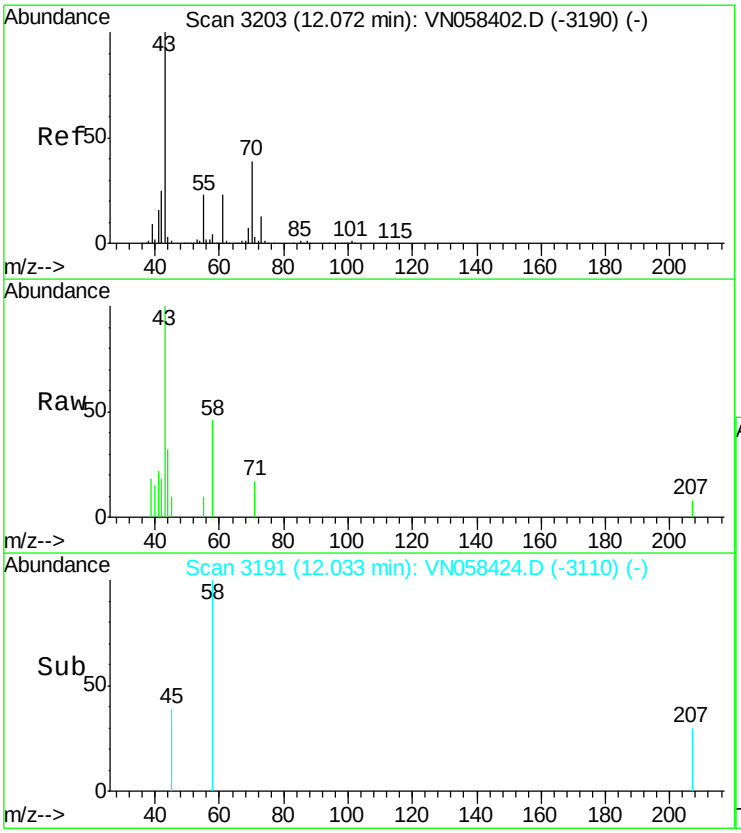
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument : MSVOA_N
ClientSampleId : PB123437TB

Tgt Ion:152 Resp: 243226

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.0	90.0
150	159.0	0.0	348.2

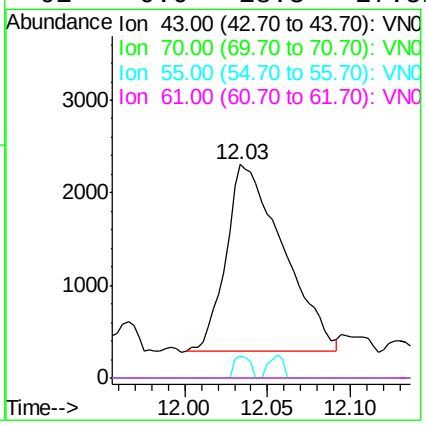


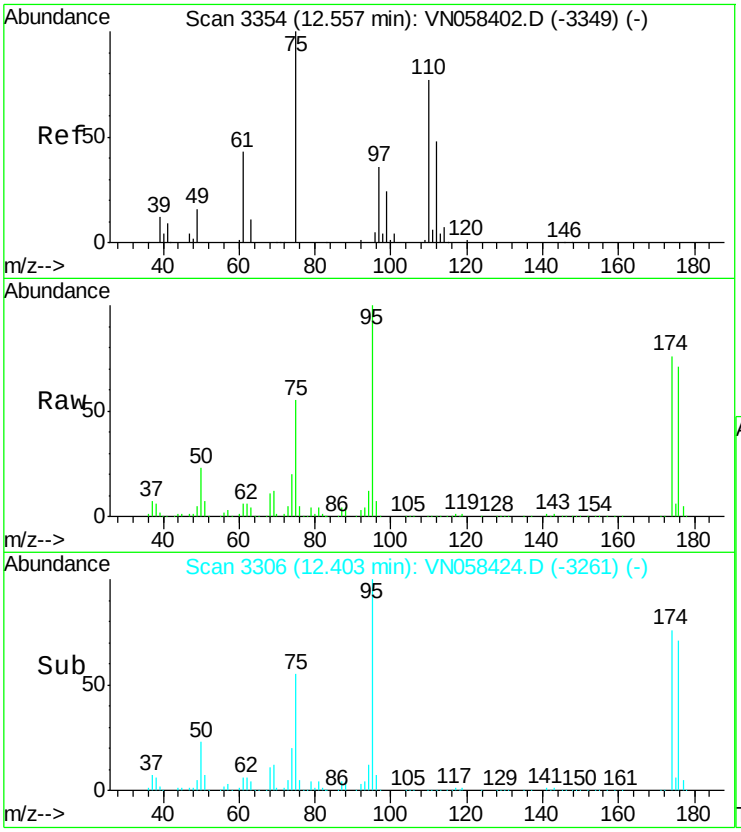


#74
N-amyl acetate
Concen: 0.679 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion: 43 Resp: 4854

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.4	47.2#
55	3.4	18.2	27.4#
61	0.0	18.3	27.5#



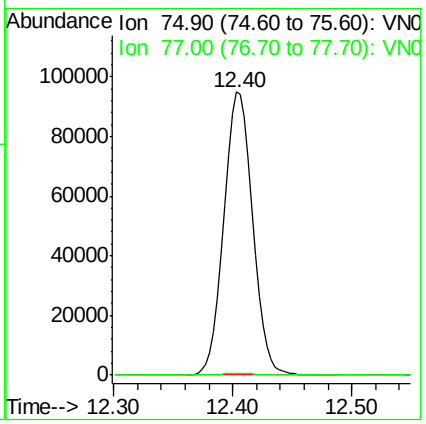


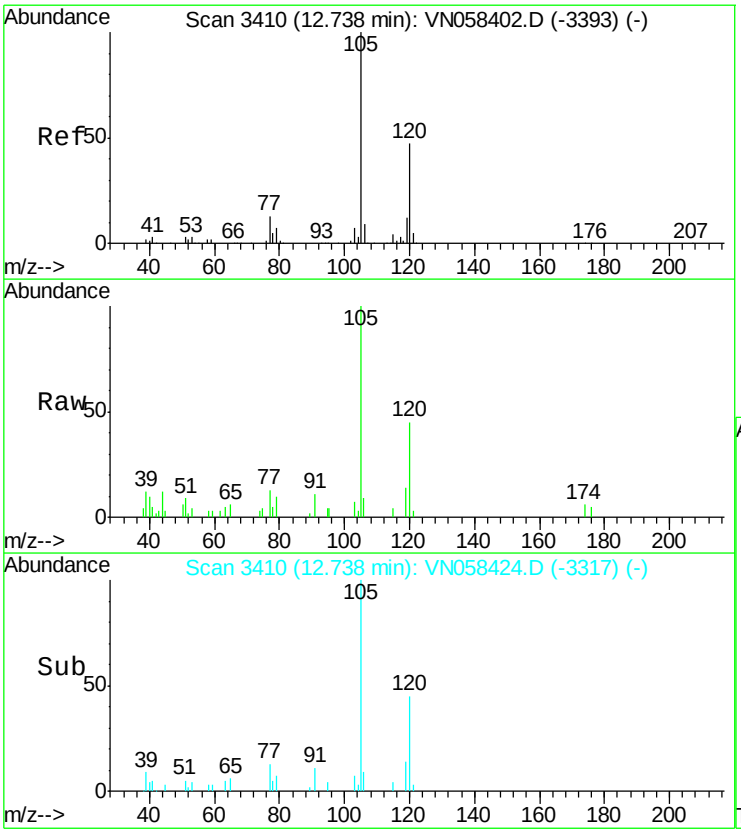
#76
1,2,3-Trichloropropane
Concen: 35.918 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion: 75 Resp: 159567

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#

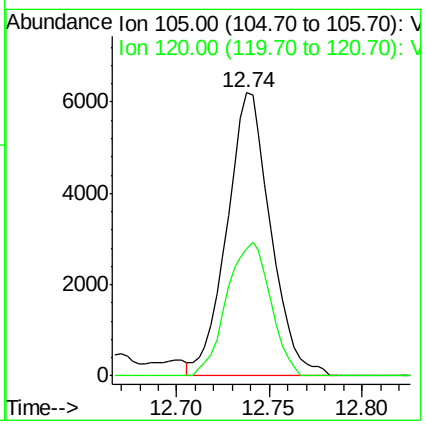


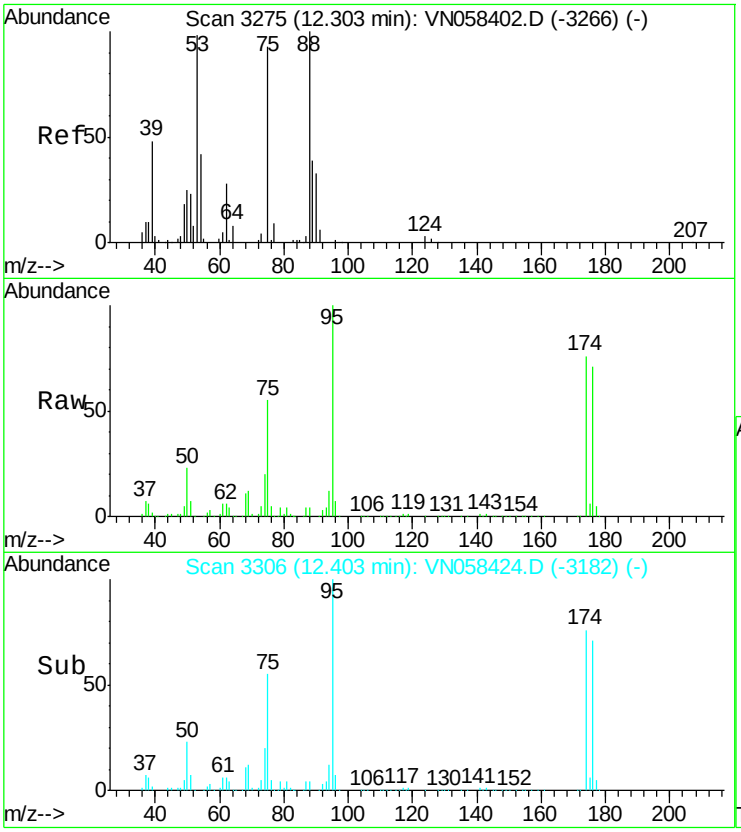


#80
1,3,5-Trimethylbenzene
Concen: 0.675 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Tgt Ion:105 Resp: 10164

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 109.087 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058424.D
Acq: 30 Sep 2019 11:09

Instrument :
MSVOA_N
ClientSampleId :
PB123437TB

Tgt Ion: 75 Resp: 159567

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.0#
89	0.0	35.0	52.4#