Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121319\
Data File : VN059590.D
Acq On : 13 Dec 2019 17:50
Operator : JC/SP
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 13 23:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	260154	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	425449	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	373851	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155591	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	192825	50.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.88%				
35) Dibromofluoromethane	7.57	113	131184	49.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.56%				
50) Toluene-d8	10.08	98	510437	48.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.86%				
62) 4-Bromofluorobenzene	12.40	95	173564	45.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.26%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1146	0.215	ug/l	#	73
5) Bromomethane	2.54	94	1660	0.564	ug/l	#	56
10) Methyl Iodide	3.93	142	1061	0.287	ug/l	#	83
11) Tert butyl alcohol	4.75	59	207	0.298	ug/l	#	72
13) Acrolein	3.58	56	1004	2.031	ug/l		100
14) Allyl chloride	4.30	41	1201	0.214	ug/l	#	59
16) Acetone	3.79	43	2341	1.042	ug/l		91
17) Carbon Disulfide	4.03	76	10656	2.913	ug/l		96
21) trans-1,2-Dichloroethene	5.01	96	1188	0.391	ug/l	#	91
23) Vinyl Acetate	5.88	43	2157	0.266	ug/l	#	74
25) 2-Butanone	6.81	43	2697	1.003	ug/l		99
28) Bromochloromethane	7.17	49	127	0.521	ug/l	#	74
29) Tetrahydrofuran	7.20	42	960	0.586	ug/l	#	41
31) Cyclohexane	7.64	56	6160	1.114	ug/l	#	1
36) 1,1-Dichloropropene	7.77	75	1047	0.236	ug/l	#	60
38) Carbon Tetrachloride	7.64	117	25957	5.638	ug/l	#	17
41) Methacrylonitrile	7.16	41	427	0.201	ug/l	#	100
49) 1,4-Dioxane	9.19	88	503	9.649	ug/l	#	70
51) 4-Methyl-2-Pentanone	9.97	43	2273	0.476	ug/l		91
53) t-1,3-Dichloropropene	10.38	75	1114	0.211	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	1429	0.968	ug/l		96
59) 2-Hexanone	10.75	43	3470	0.921	ug/l		87
64) Tetrachloroethene	10.63	164	889	0.255	ug/l		96
65) Chlorobenzene	11.43	112	2117	0.262	ug/l	#	86
68) m/p-Xylenes	11.62	106	1969	0.365	ug/l		89
70) Styrene	11.96	104	2120	0.257	ug/l		97
74) N-amyl acetate	12.07	43	1903	0.340	ug/l	#	61
75) 1,1,2,2-Tetrachloroethane	12.50	83	831	0.214	ug/l	#	88
76) 1,2,3-Trichloropropane	12.40	75	91799	23.833	ug/l	#	100
77) Bromobenzene	12.53	156	1387	0.462	ug/l		87
78) n-propylbenzene	12.59	91	4369	0.303	ug/l		93
79) 2-Chlorotoluene	12.67	91	2814	0.322	ug/l		88
80) 1,3,5-Trimethylbenzene	12.73	105	2377	0.230	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	91799	58.865	ug/l	#	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121319\
Data File : VN059590.D
Acq On : 13 Dec 2019 17:50
Operator : JC/SP
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 13 23:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
82) 4-Chlorotoluene	12.78	91	4246	0.475 ug/l	86
83) tert-Butylbenzene	12.99	119	2271	0.259 ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	2897	0.282 ug/l	99
85) sec-Butylbenzene	13.17	105	4684	0.402 ug/l	100
86) p-Isopropyltoluene	13.29	119	4565	0.433 ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	3212	0.582 ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	3212	0.577 ug/l	94
89) n-Butylbenzene	13.62	91	6685	0.676 ug/l	100
90) Hexachloroethane	13.87	117	693	0.348 ug/l	69
91) 1,2-Dichlorobenzene	13.65	146	3169	0.582 ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.28	75	874	2.397 ug/l	88
93) 1,2,4-Trichlorobenzene	14.91	180	6778	1.927 ug/l	93
94) Hexachlorobutadiene	15.01	225	4114	3.713 ug/l	99
95) Naphthalene	15.13	128	29314	2.792 ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	9292	2.612 ug/l	97

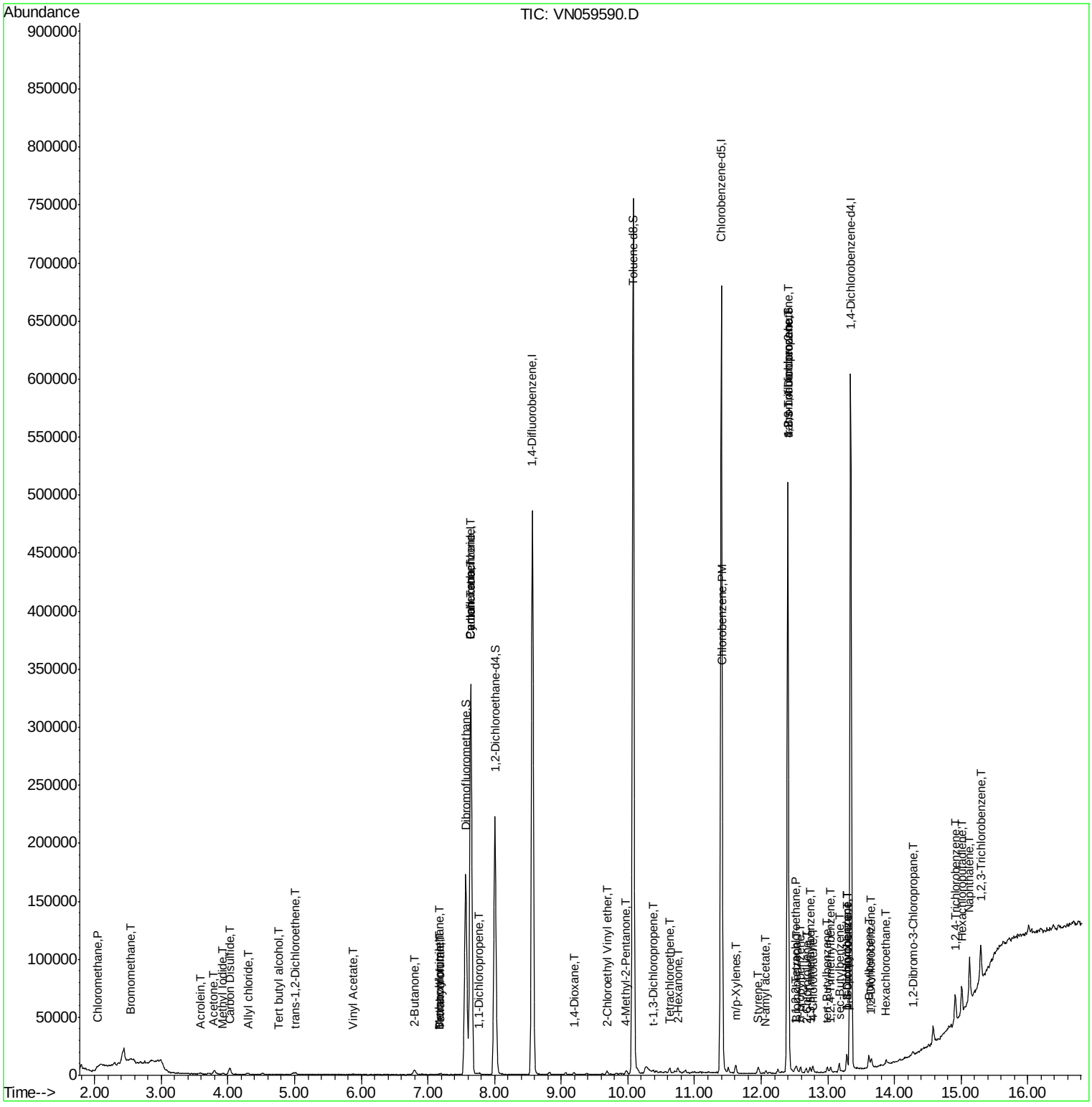
(#) = qualifier out of range (m) = manual integration (+) = signals summed

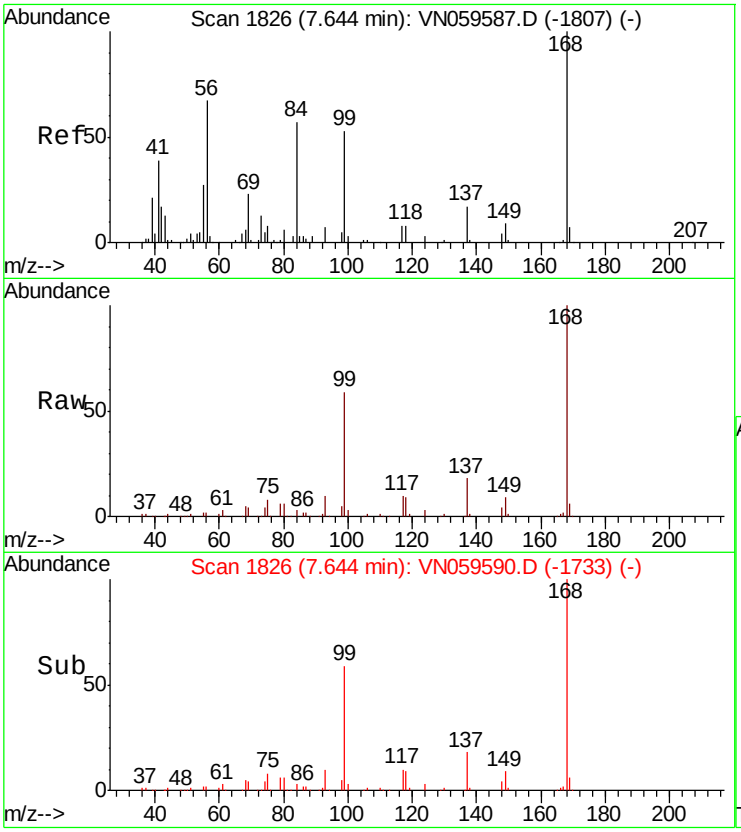
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121319\
Data File : VN059590.D
Acq On : 13 Dec 2019 17:50
Operator : JC/SP
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 13 23:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration



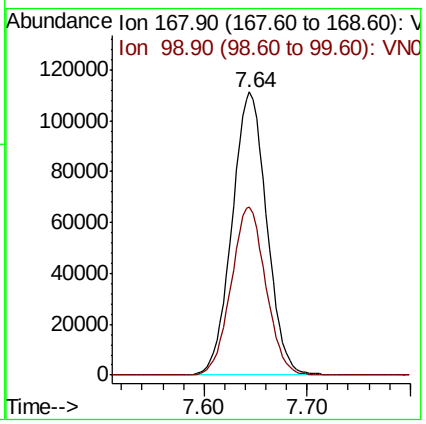


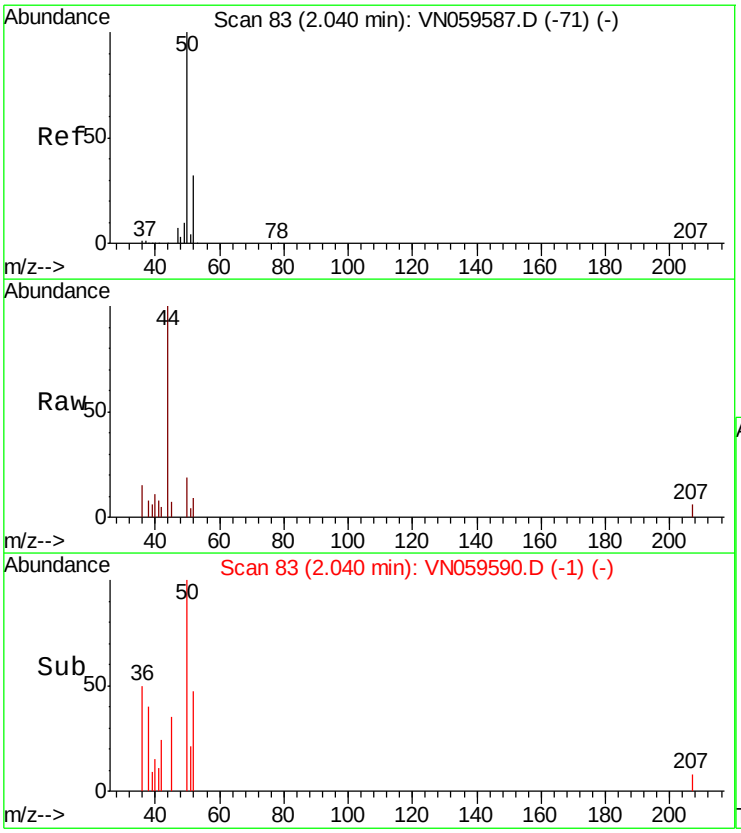
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 260154

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.2	72.4

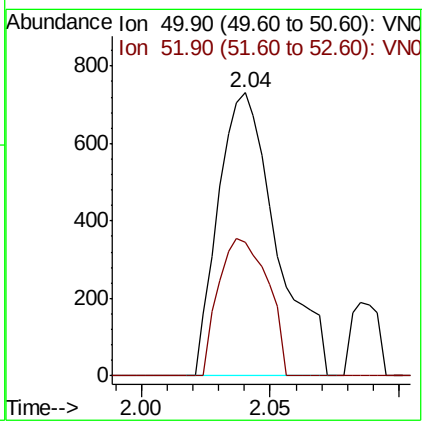


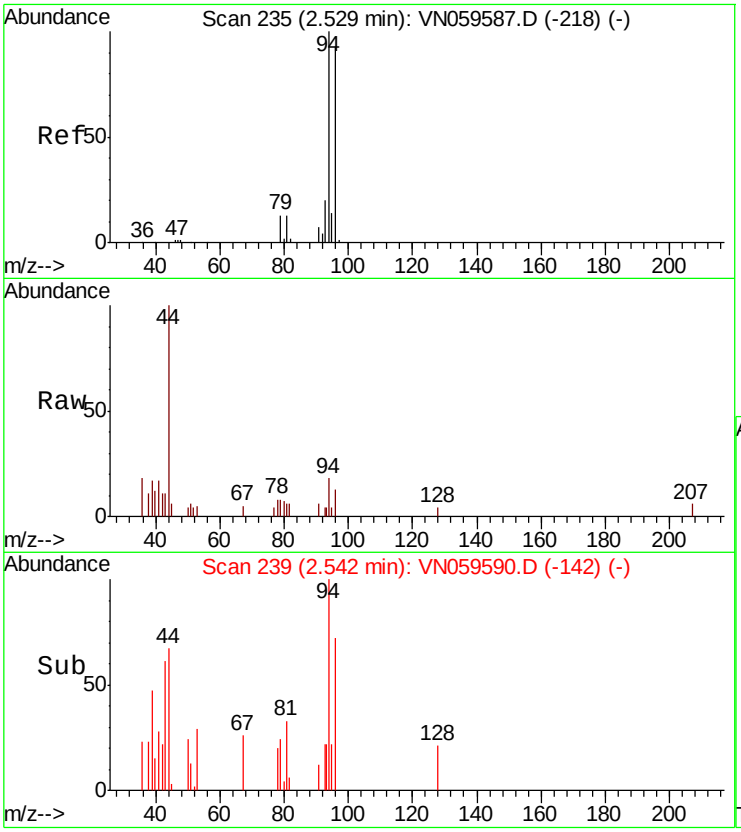


#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.04 min Scan# 83
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 50 Resp: 1146

Ion	Ratio	Lower	Upper
50	100		
52	47.3	25.9	38.9#



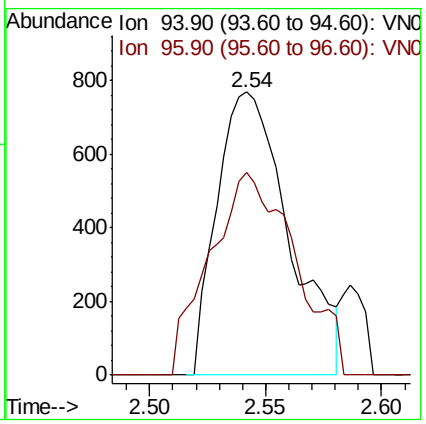


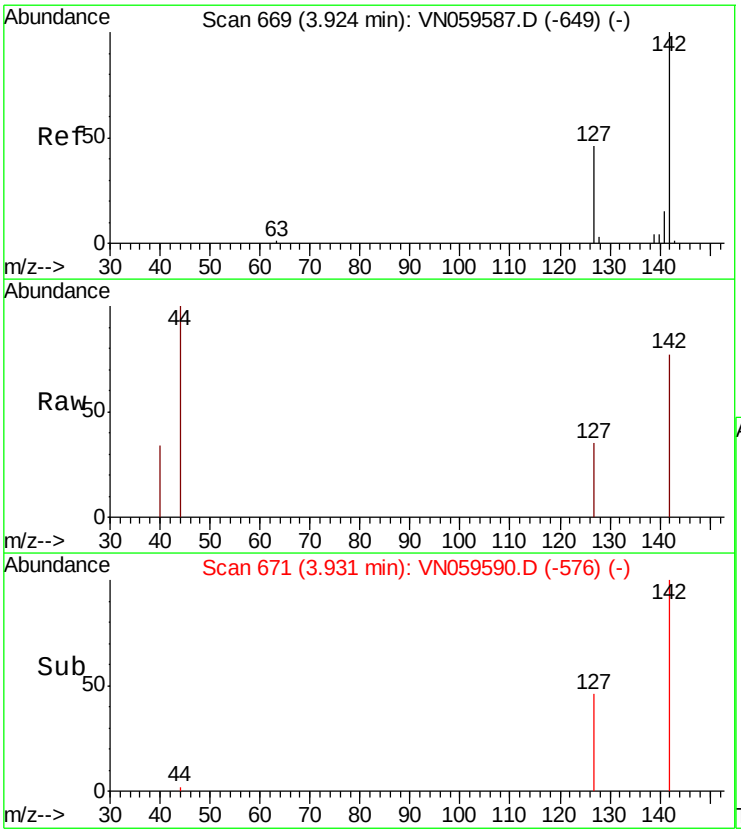
#5
Bromomethane
Concen: 0.564 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 1660

Ion	Ratio	Lower	Upper
94	100		
96	50.8	74.7	112.1#

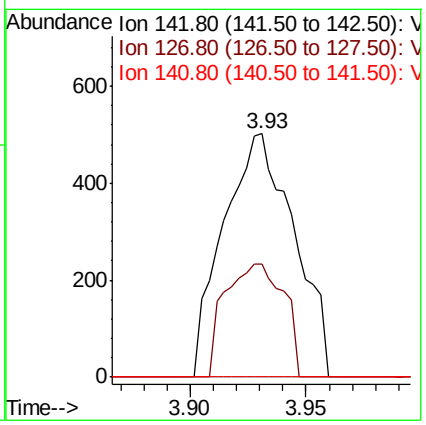


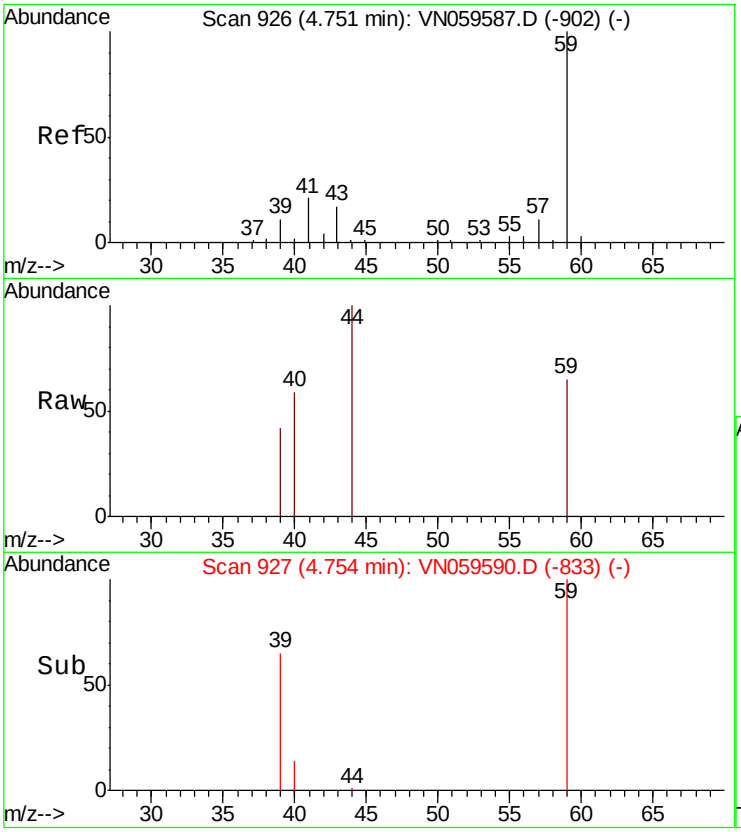


#10
Methyl Iodide
Concen: 0.287 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:142 Resp: 1061

Ion	Ratio	Lower	Upper
142	100		
127	38.6	36.7	55.1
141	0.0	11.7	17.5#



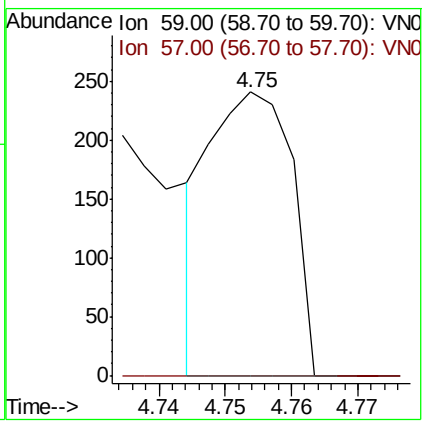


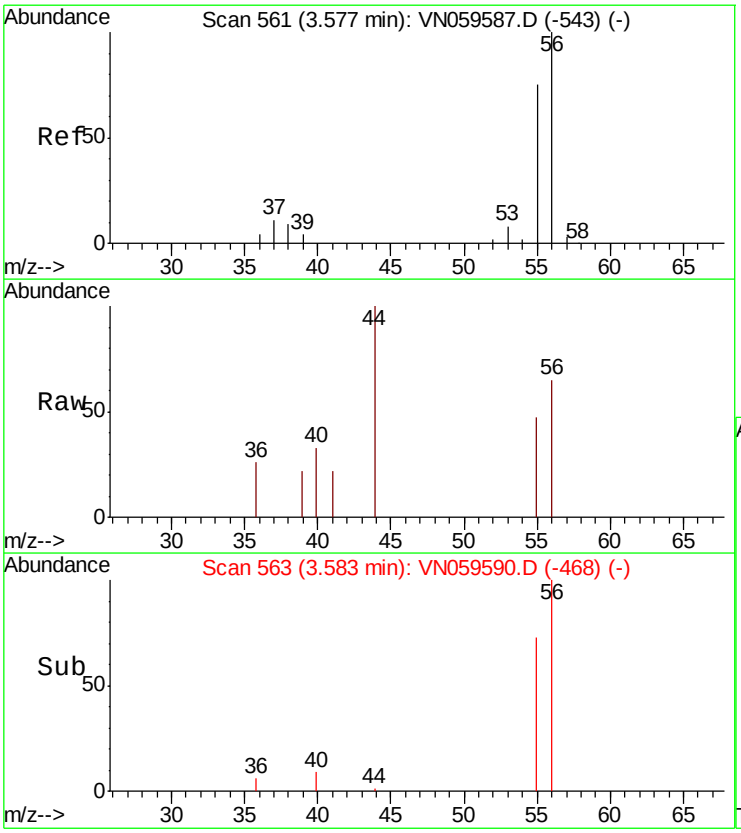
#11
Tert butyl alcohol
Concen: 0.298 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 207

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

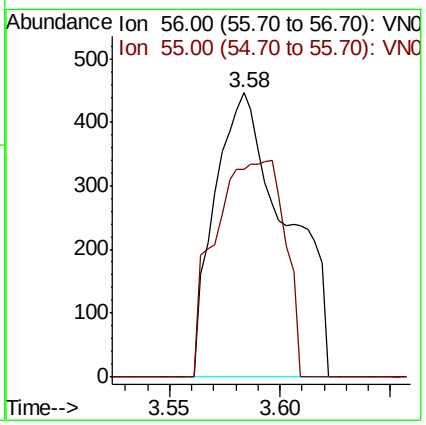


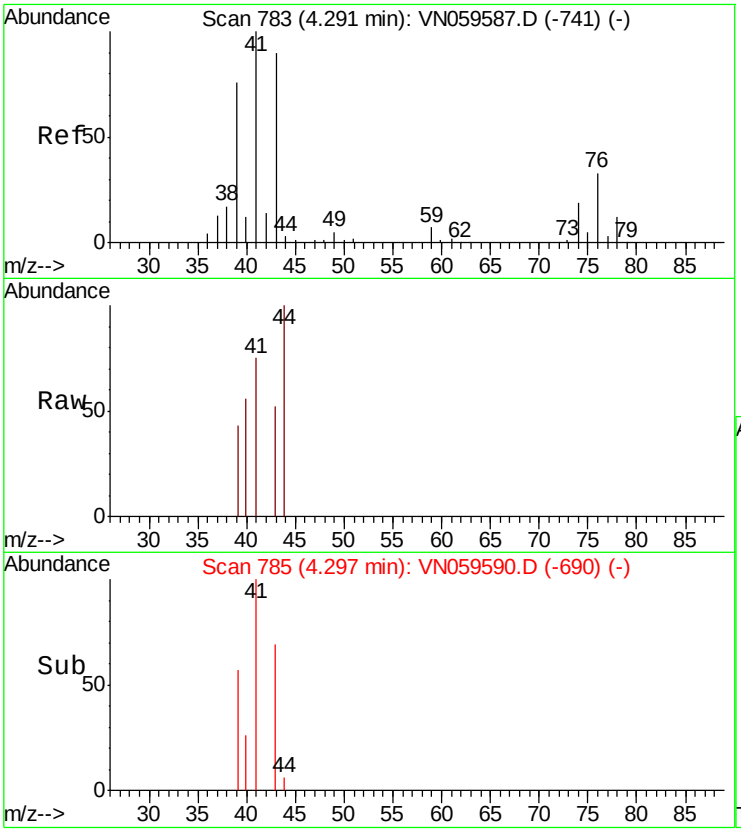


#13
Acrolein
Concen: 2.031 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 56 Resp: 1004

Ion	Ratio	Lower	Upper
56	100		
55	73.4	58.6	88.0



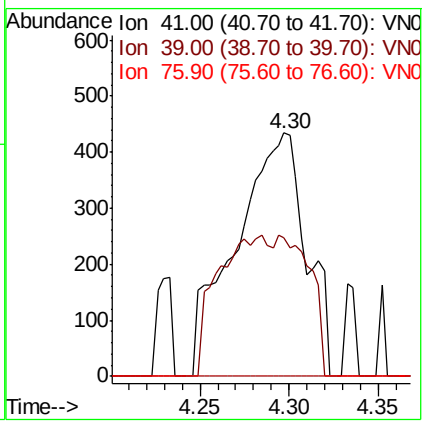


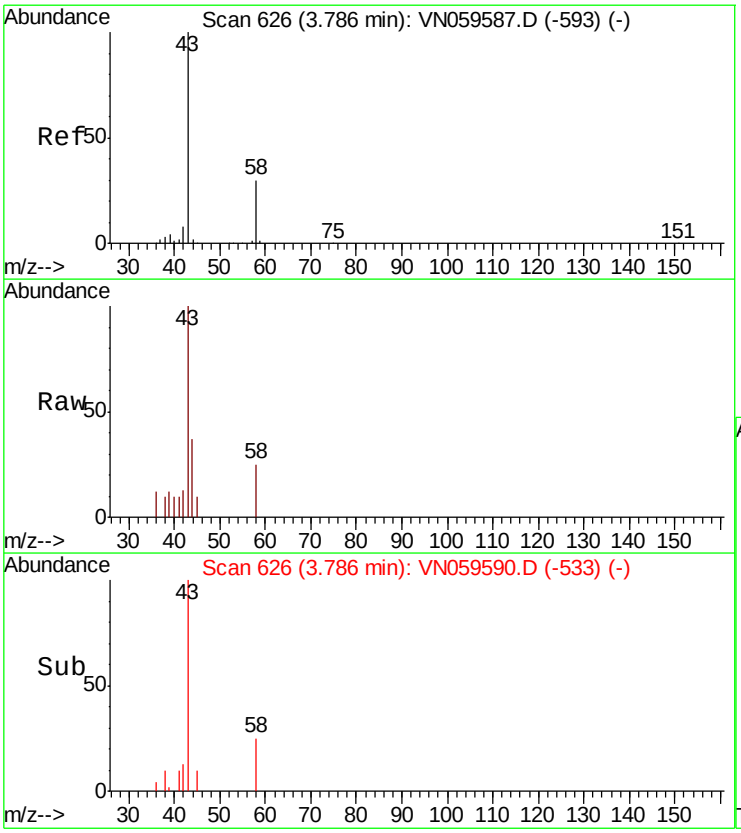
#14
Allyl chloride
Concen: 0.214 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 1201

Ion	Ratio	Lower	Upper
41	100		
39	44.5	57.8	86.8#
76	0.0	25.4	38.0#

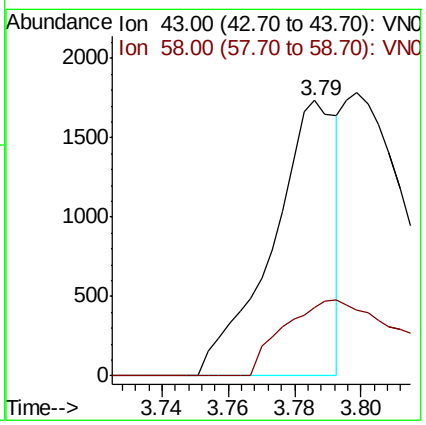


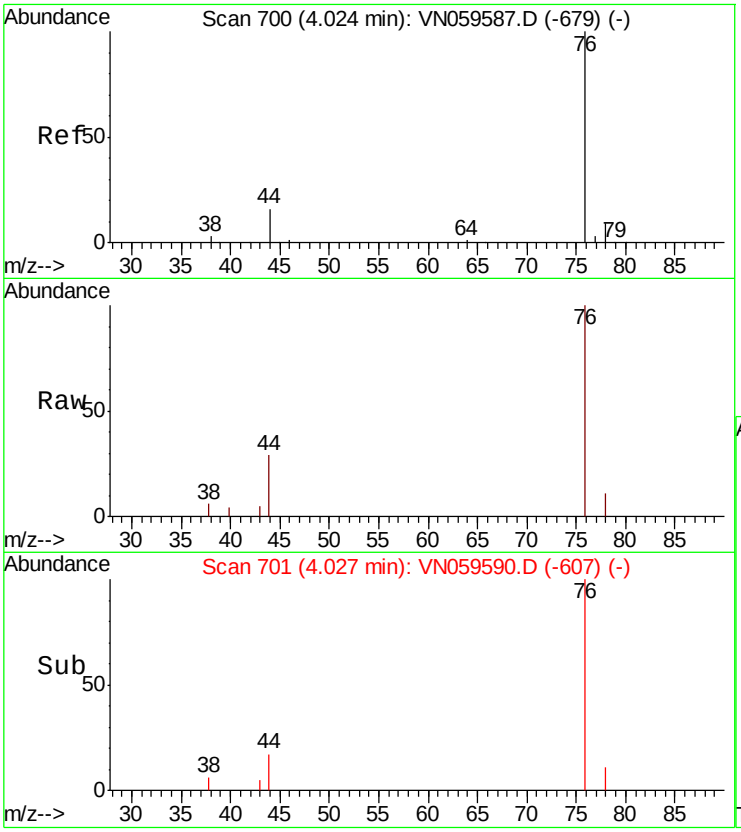


#16
Acetone
Concen: 1.042 ug/l
RT: 3.79 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 43 Resp: 2341

Ion	Ratio	Lower	Upper
43	100		
58	24.7	23.6	35.4



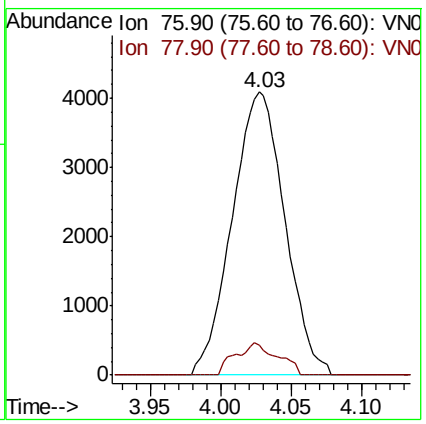


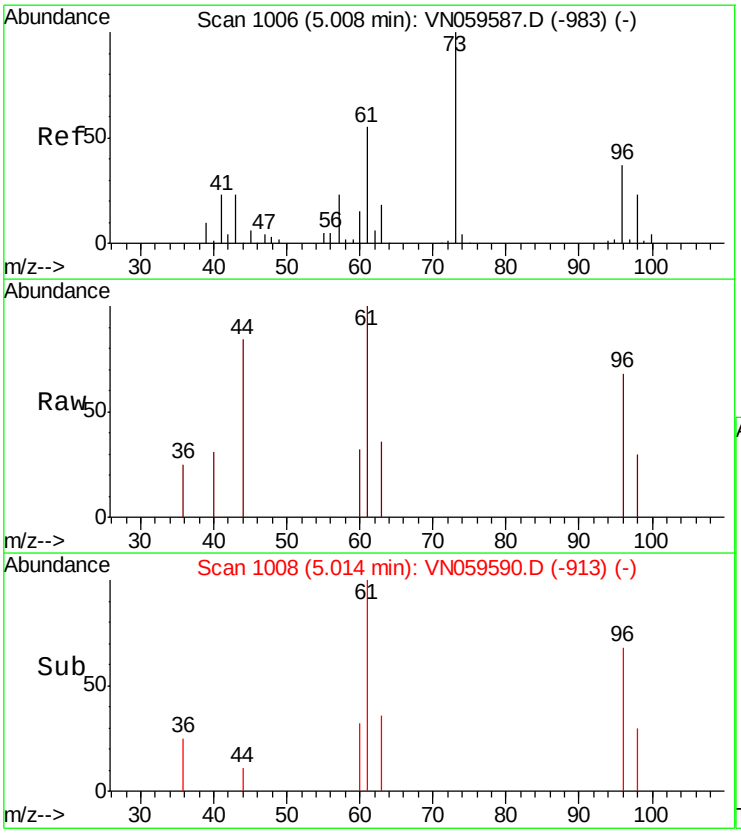
#17
Carbon Disulfide
Concen: 2.913 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 10656

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.0

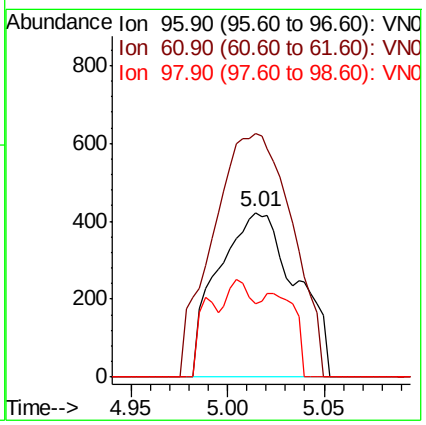


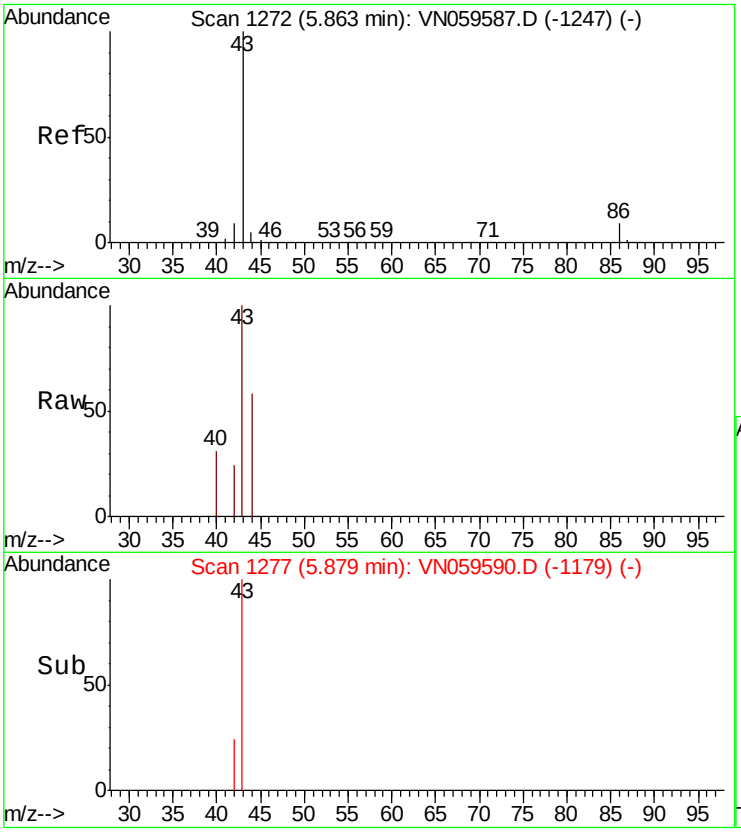


#21
trans-1,2-Dichloroethene
Concen: 0.391 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 96 Resp: 1188

Ion	Ratio	Lower	Upper
96	100		
61	148.1	120.4	180.6
98	44.3	50.6	75.8#



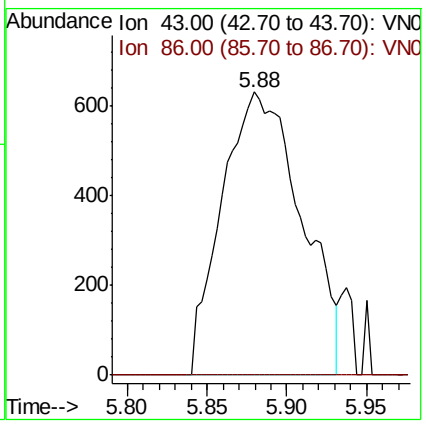


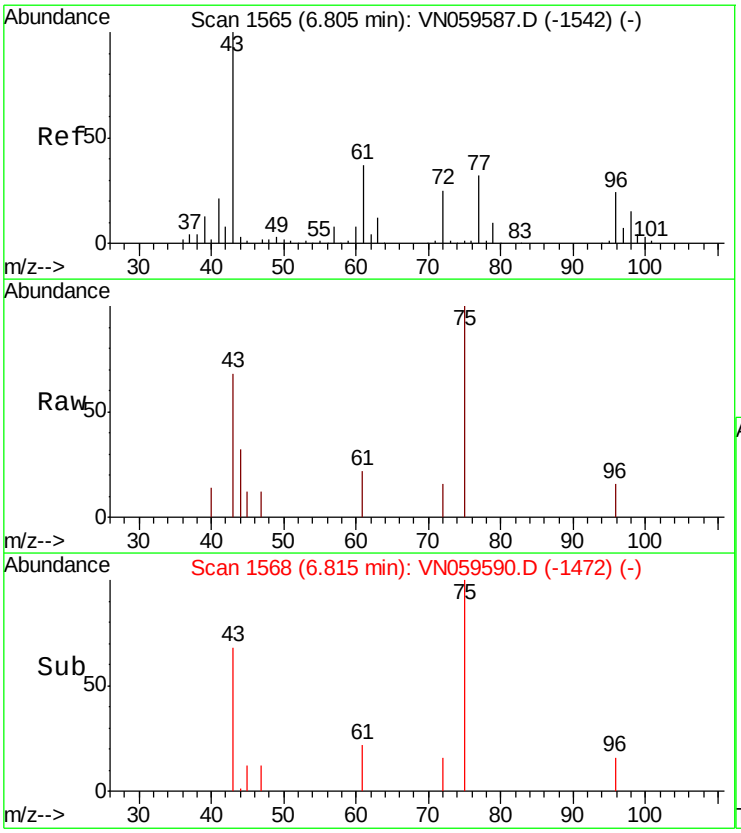
#23
Vinyl Acetate
Concen: 0.266 ug/l
RT: 5.88 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2157

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.6	11.4#

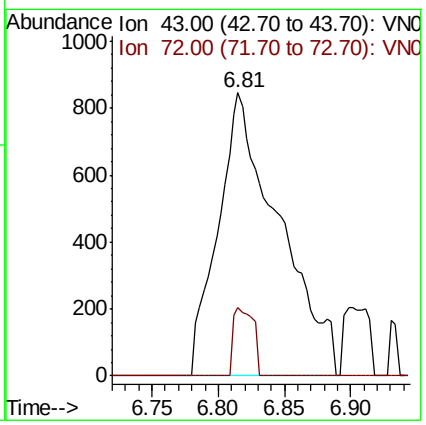


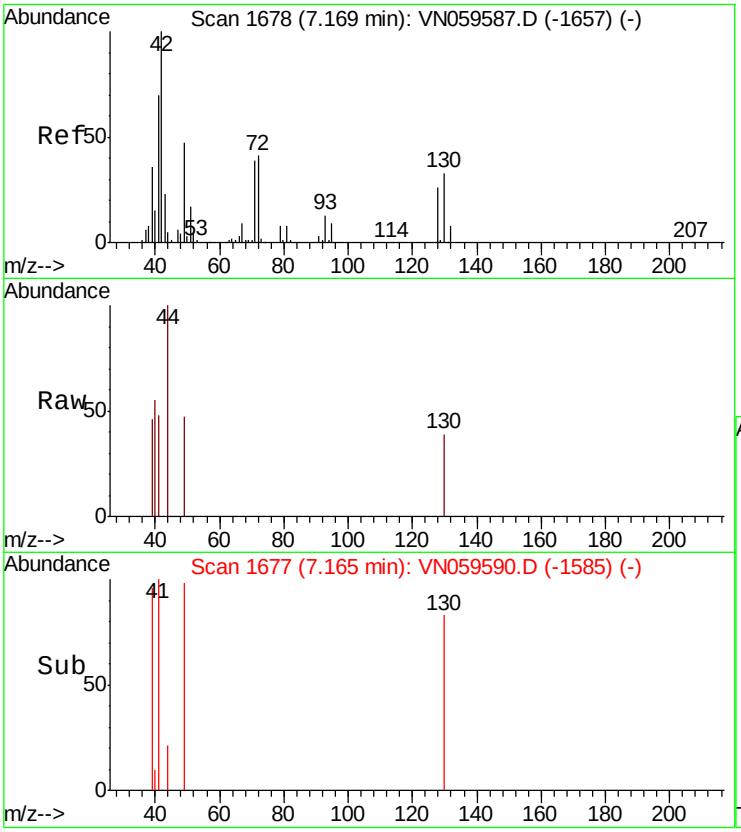


#25
2-Butanone
Concen: 1.003 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 43 Resp: 2697

Ion	Ratio	Lower	Upper
43	100		
72	24.2	19.9	29.9



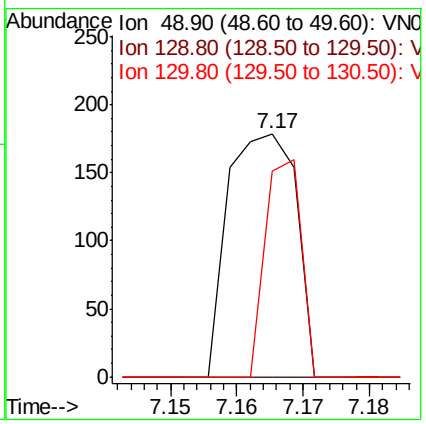


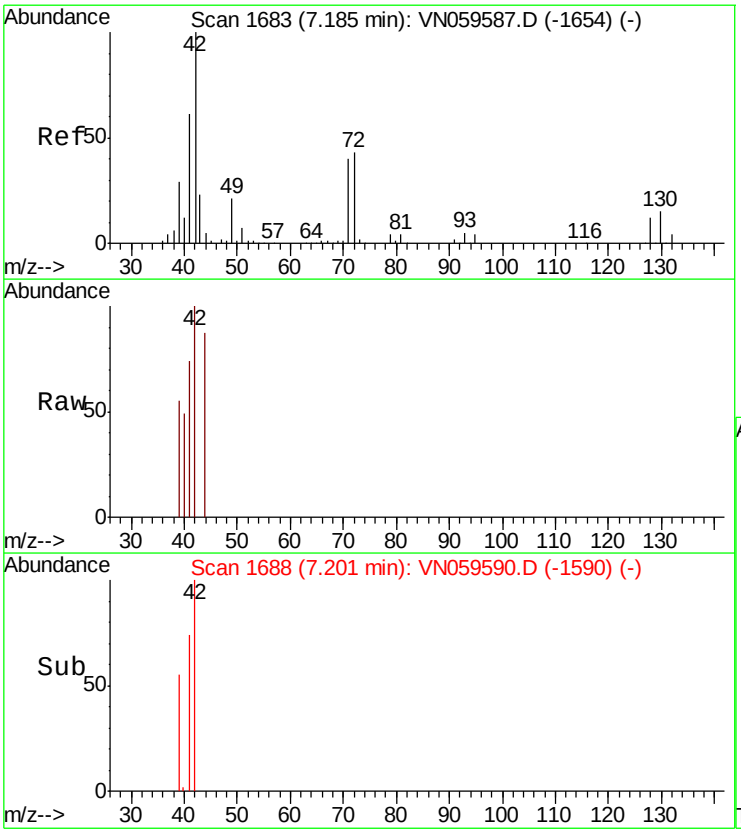
#28
Bromochloromethane
Concen: 0.521 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 49 Resp: 127

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	47.2	54.7	82.1#

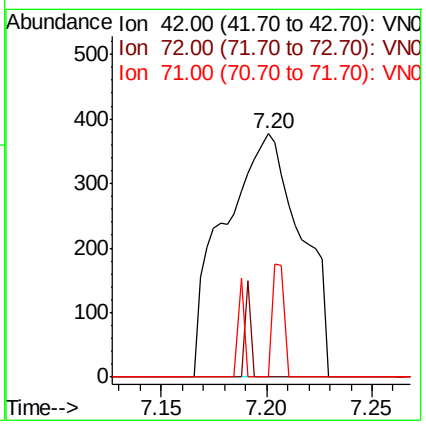


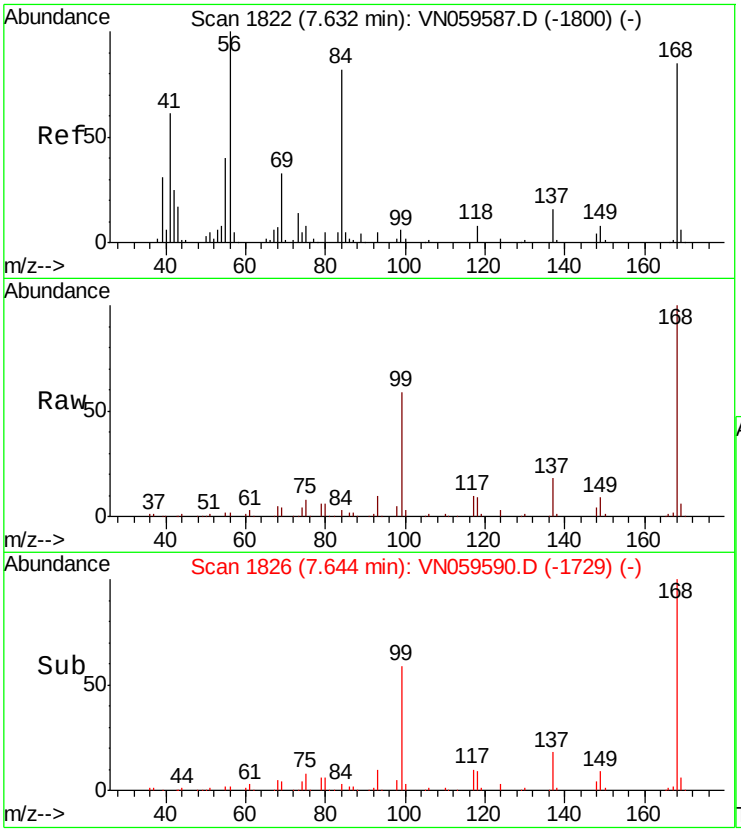


#29
Tetrahydrofuran
Concen: 0.586 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 42 Resp: 960

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.1	49.7#
71	7.0	31.4	47.0#



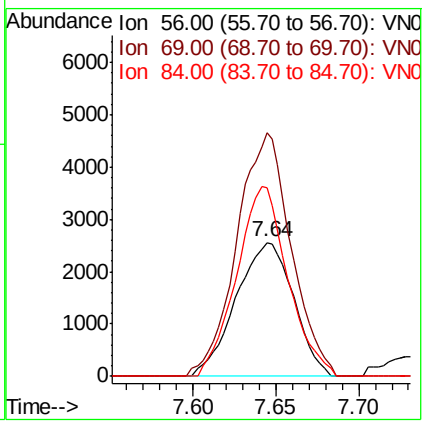


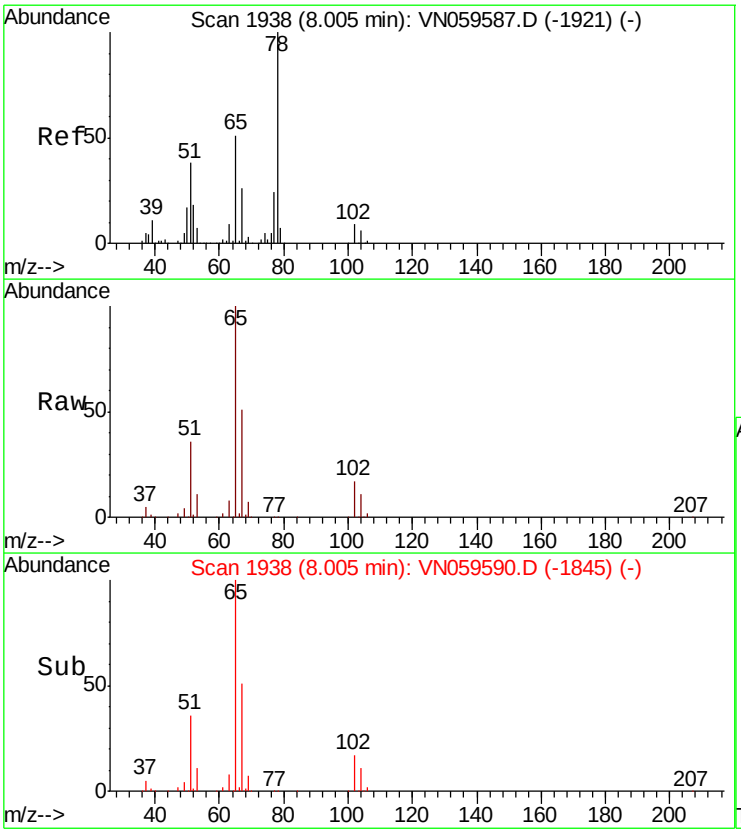
#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 6160

Ion	Ratio	Lower	Upper
56	100		
69	181.9	26.5	39.7#
84	140.6	65.3	97.9#

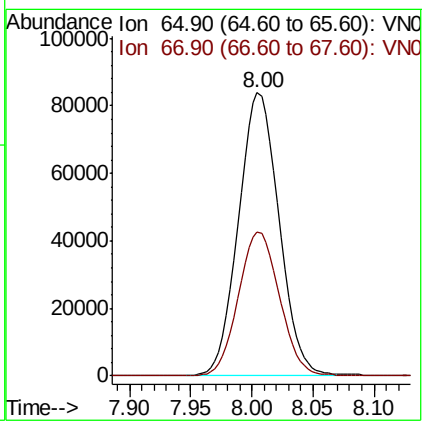


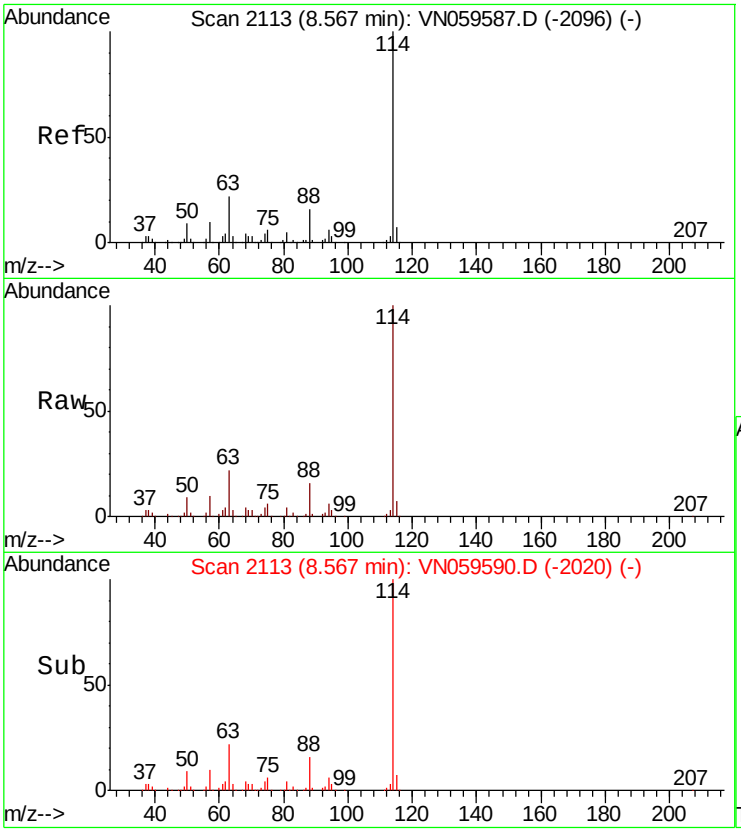


#33
1,2-Dichloroethane-d4
Concen: 50.936 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 65 Resp: 192825

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0



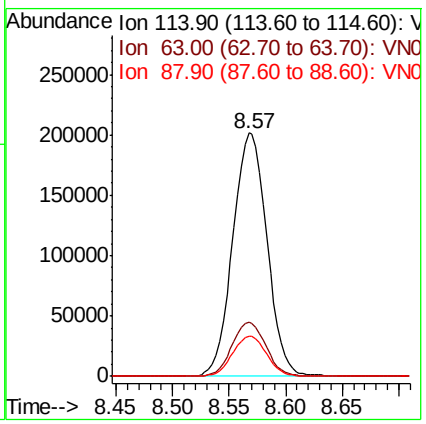


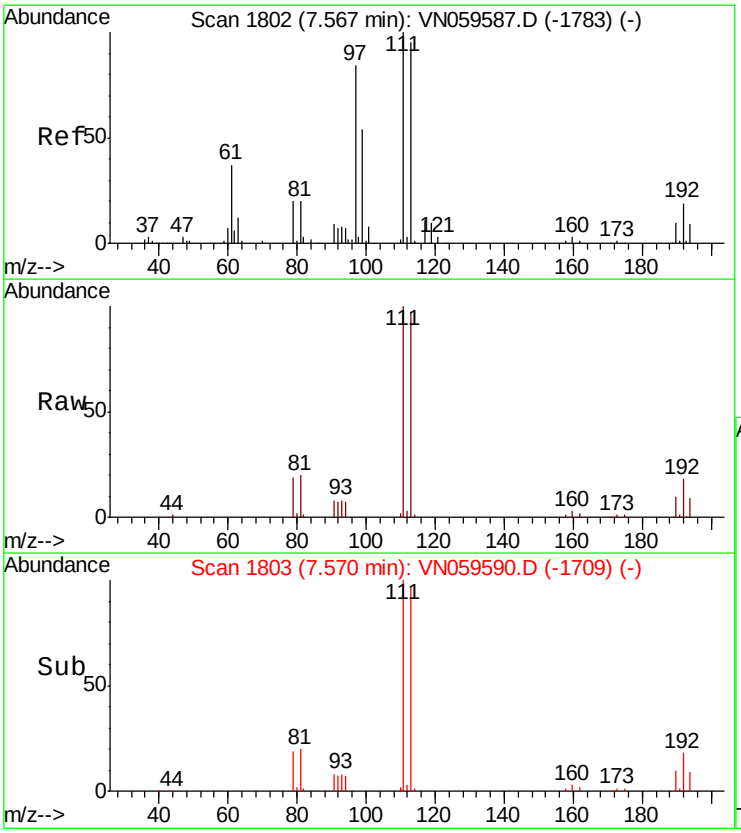
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 425449

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.6
88	16.4	0.0	31.4

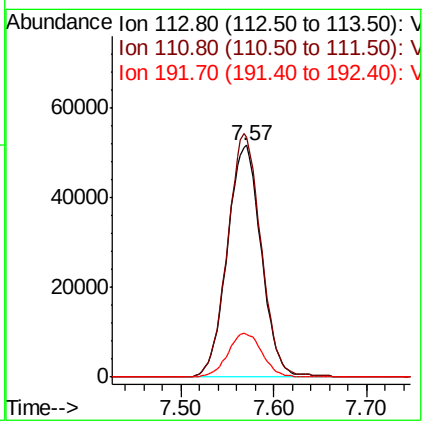


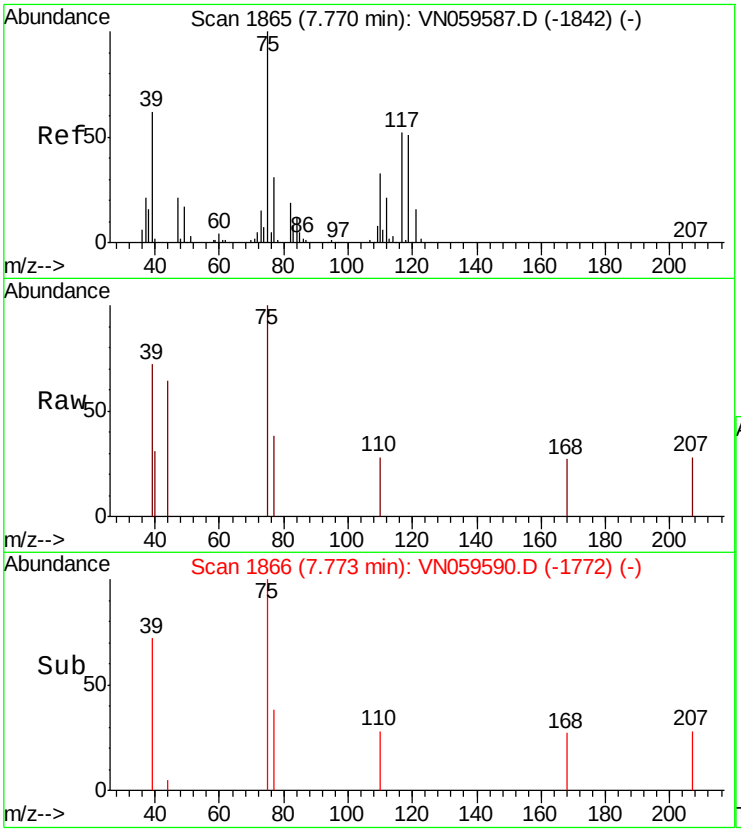


#35
Dibromofluoromethane
Concen: 49.281 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:113 Resp: 131184

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	19.0	15.4	23.2



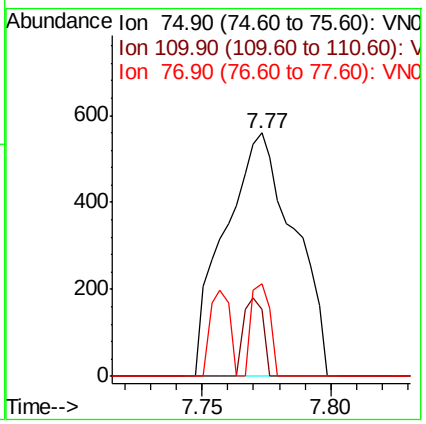


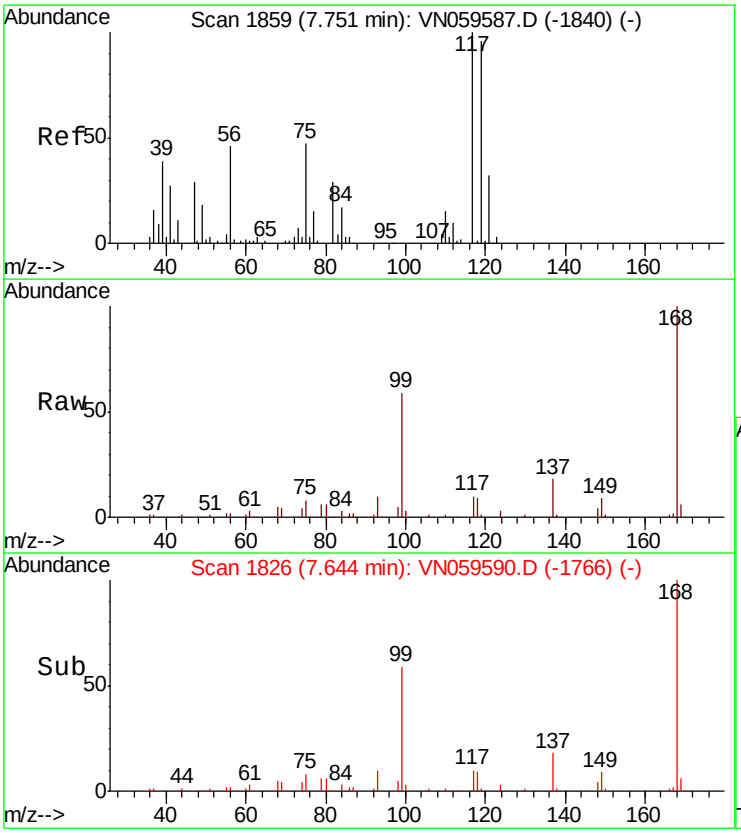
#36
1,1-Dichloropropene
Concen: 0.236 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1047

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.6	49.7#
77	10.4	25.1	37.7#

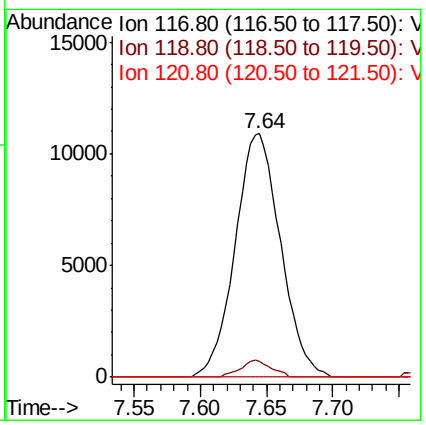


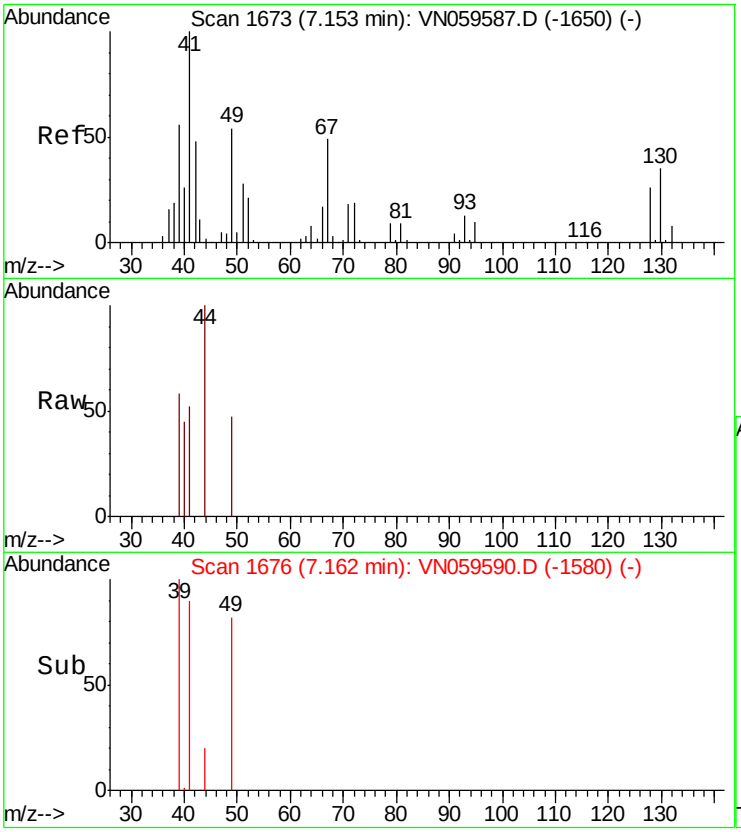


#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:117 Resp: 25957

Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.5	114.7#
121	0.0	25.1	37.7#



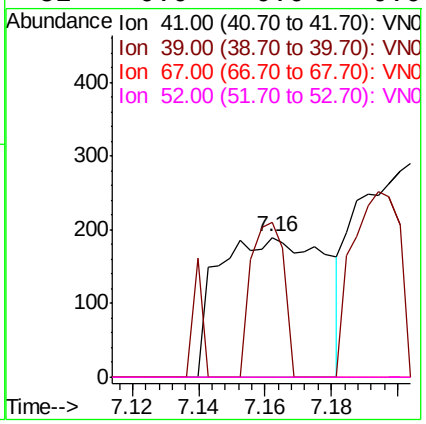


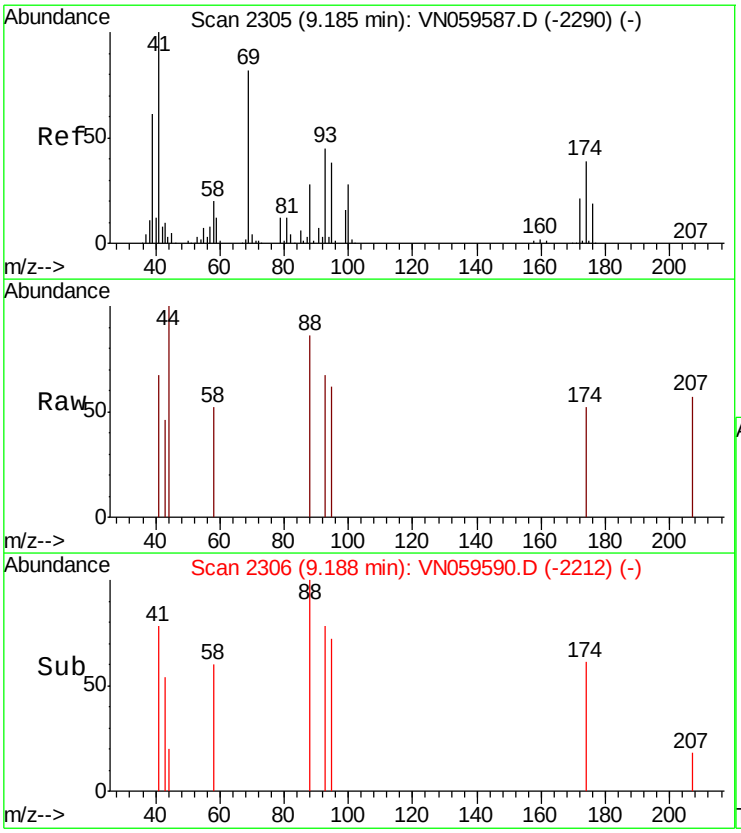
#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 427

Ion	Ratio	Lower	Upper
41	100		
39	33.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

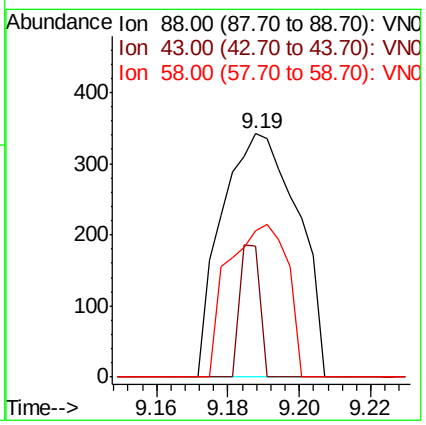


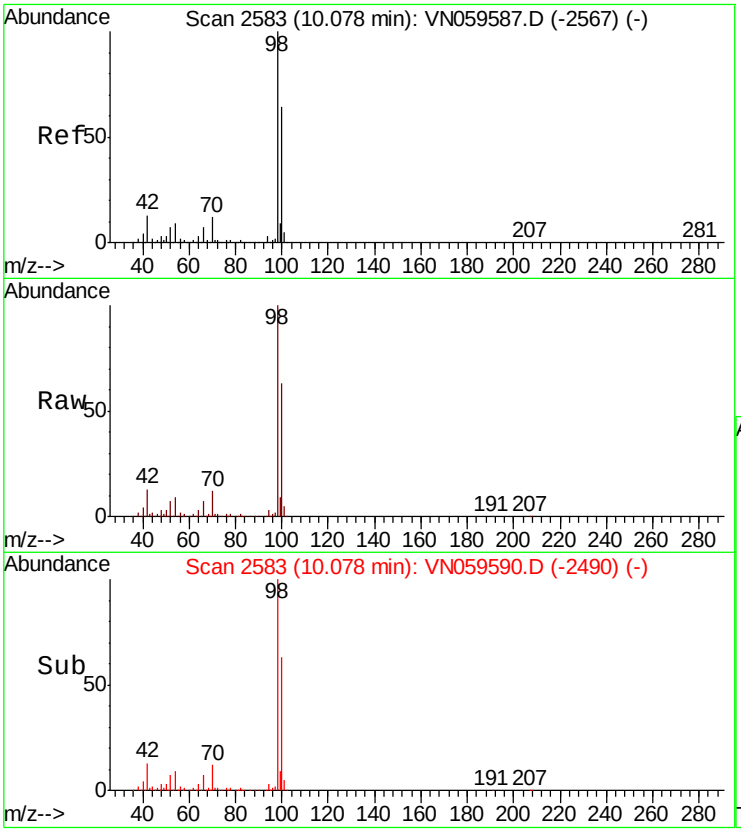


#49
1,4-Dioxane
Concen: 9.649 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 88 Resp: 503

Ion	Ratio	Lower	Upper
88	100		
43	14.3	29.7	44.5#
58	49.1	56.6	85.0#



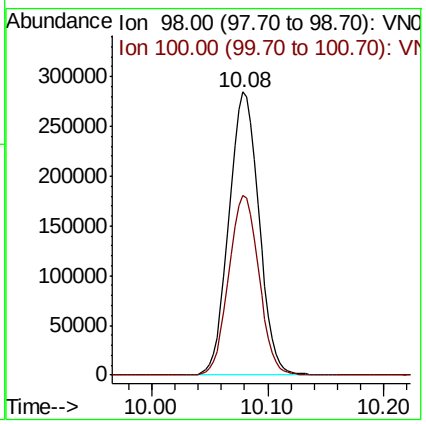


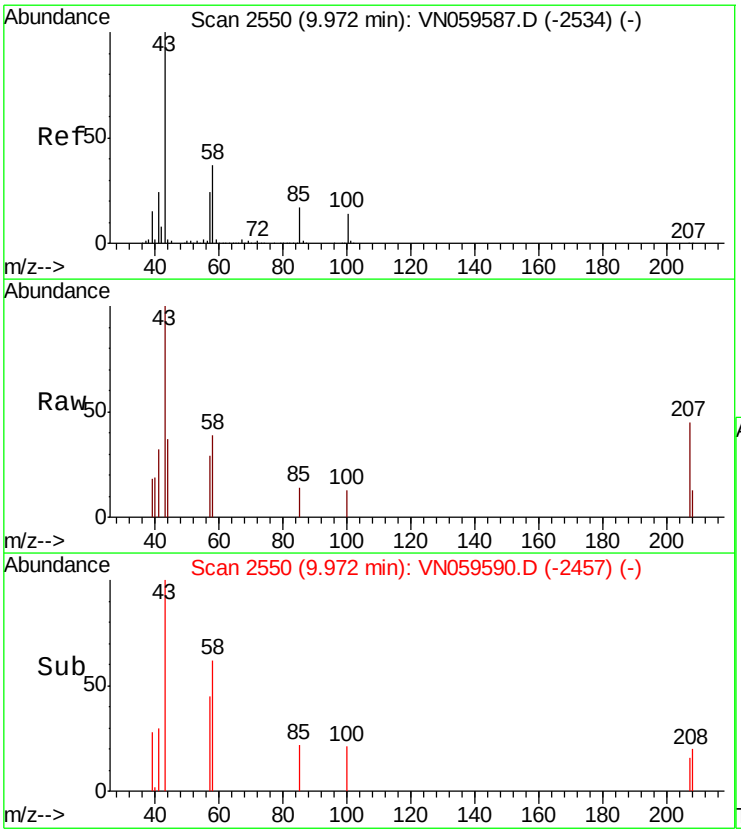
#50
Toluene-d8
Concen: 48.432 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 510437

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8

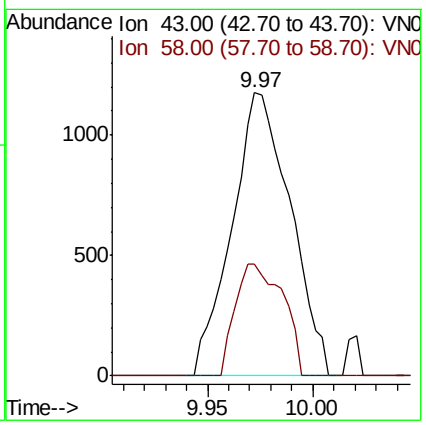


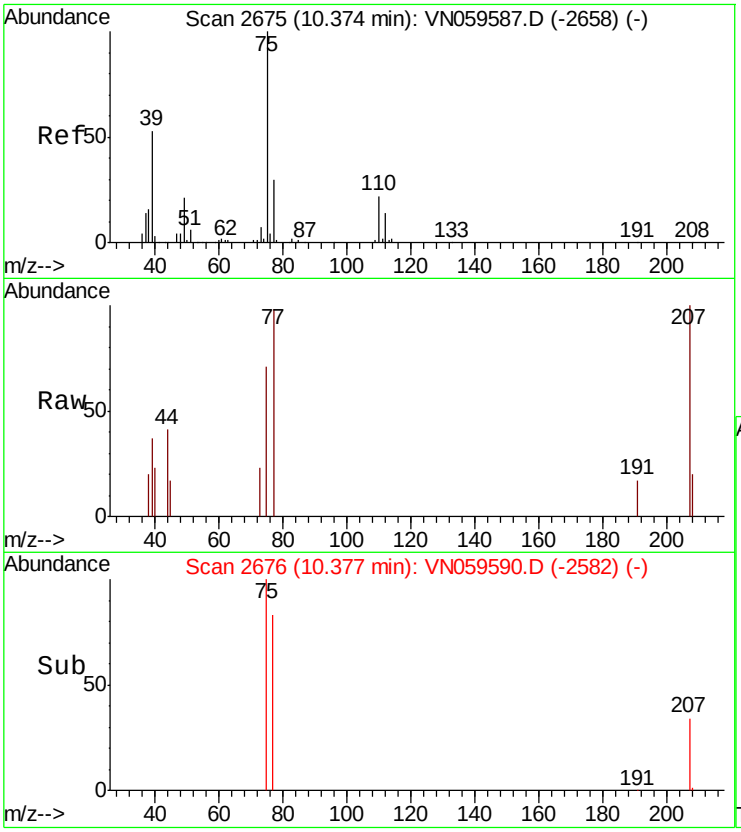


#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 43 Resp: 2273

Ion	Ratio	Lower	Upper
43	100		
58	31.9	29.8	44.8



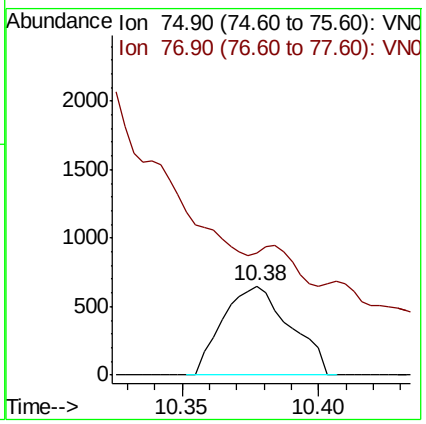


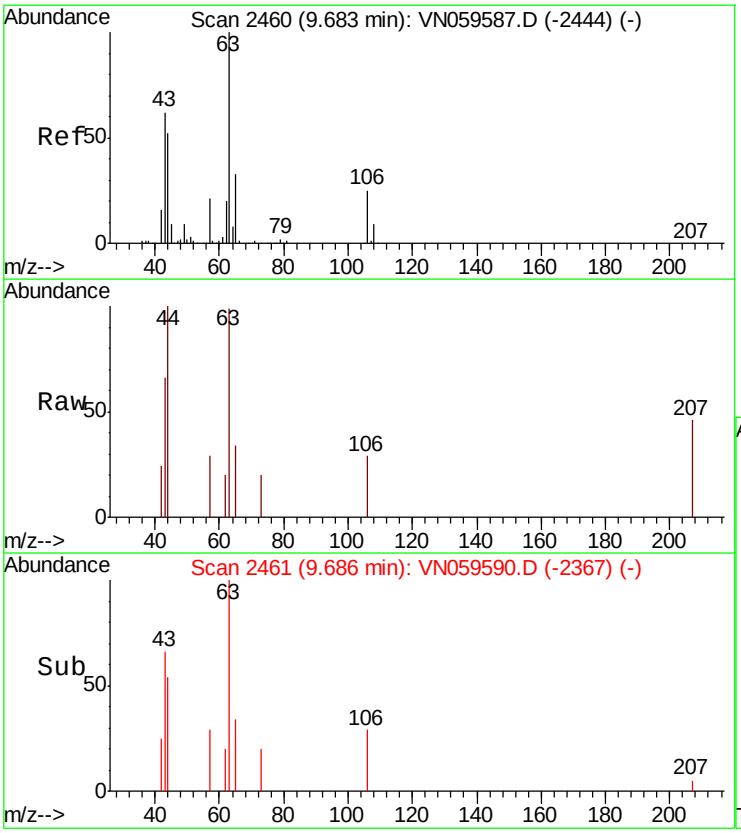
#53
t-1,3-Dichloropropene
Concen: 0.211 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1114

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.2

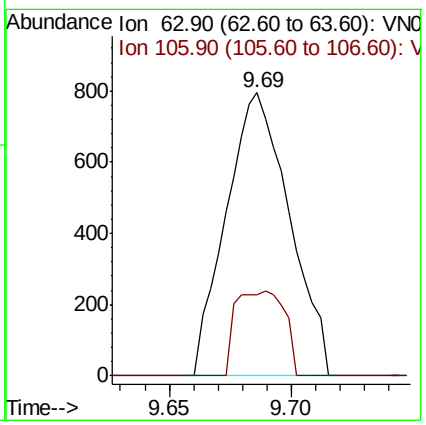


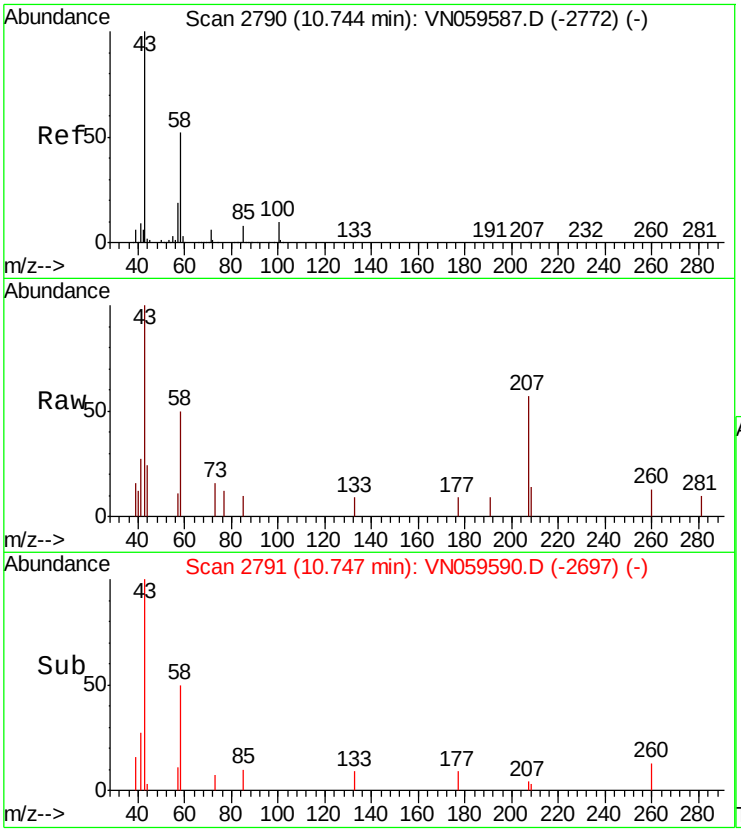


#58
2-Chloroethyl Vinyl ether
Concen: 0.968 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 63 Resp: 1429

Ion	Ratio	Lower	Upper
63	100		
106	23.2	20.2	30.2



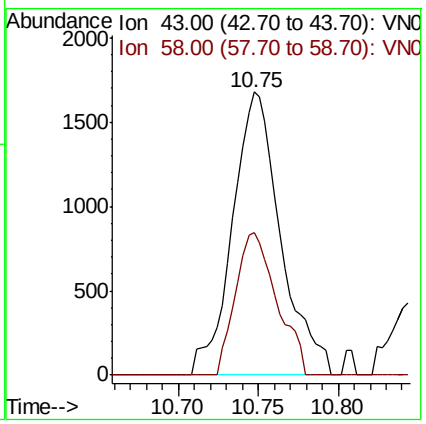


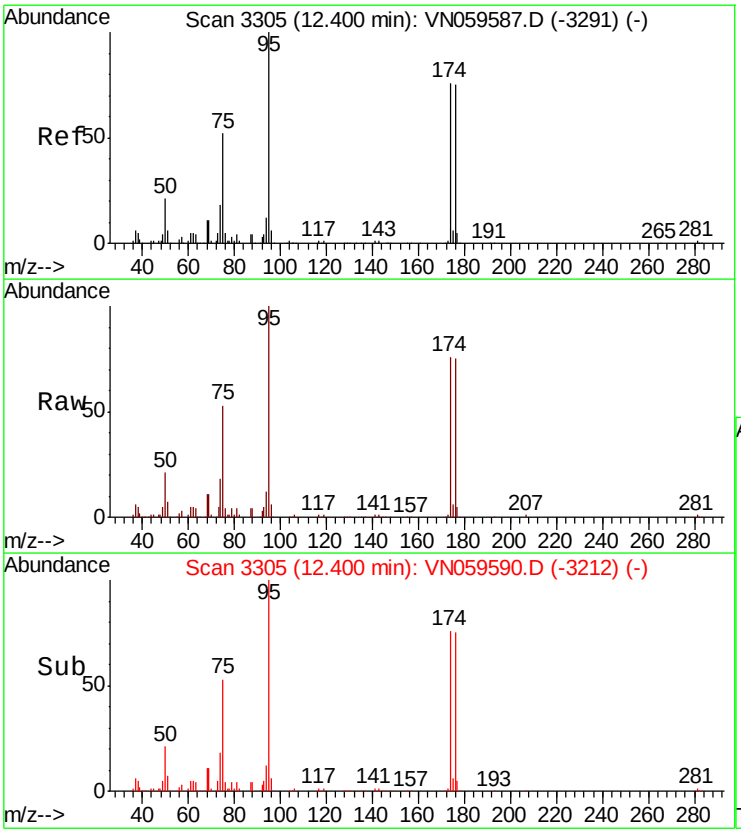
#59
2-Hexanone
Concen: 0.921 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3470

Ion	Ratio	Lower	Upper
43	100		
58	42.7	25.8	77.3

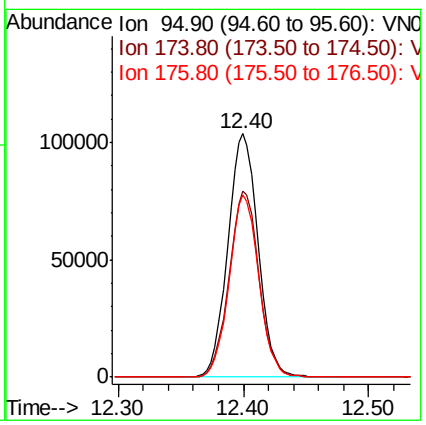


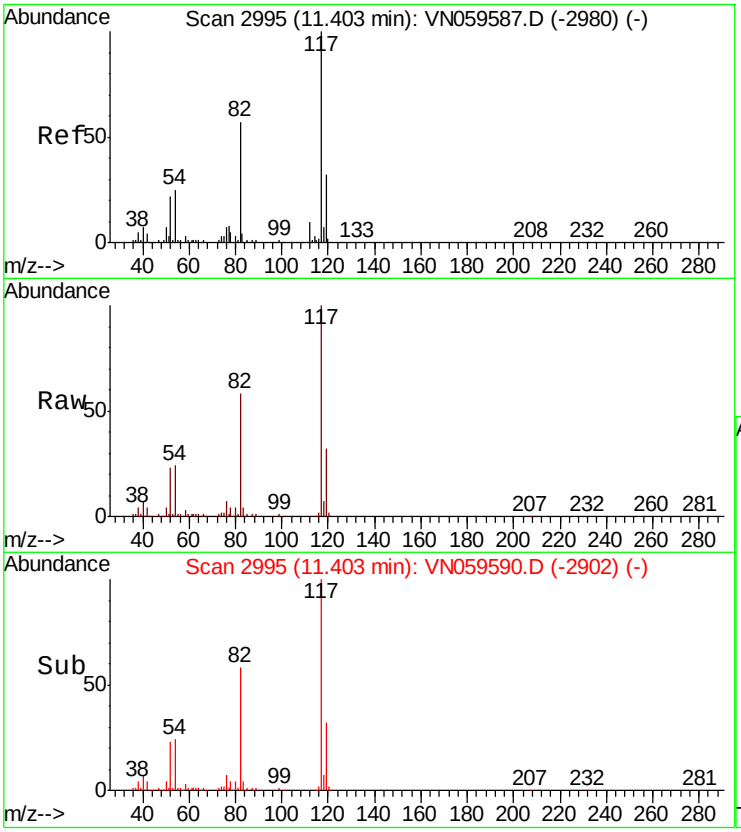


#62
4-Bromofluorobenzene
Concen: 45.133 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 95 Resp: 173564

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	151.4
176	73.2	0.0	146.0



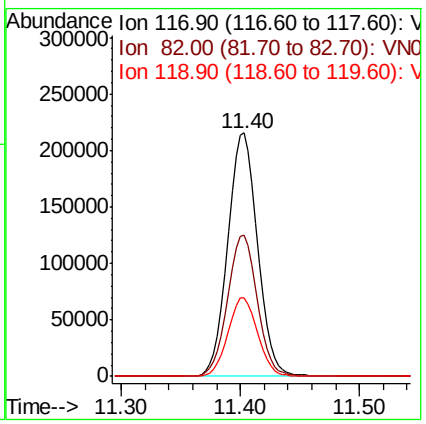


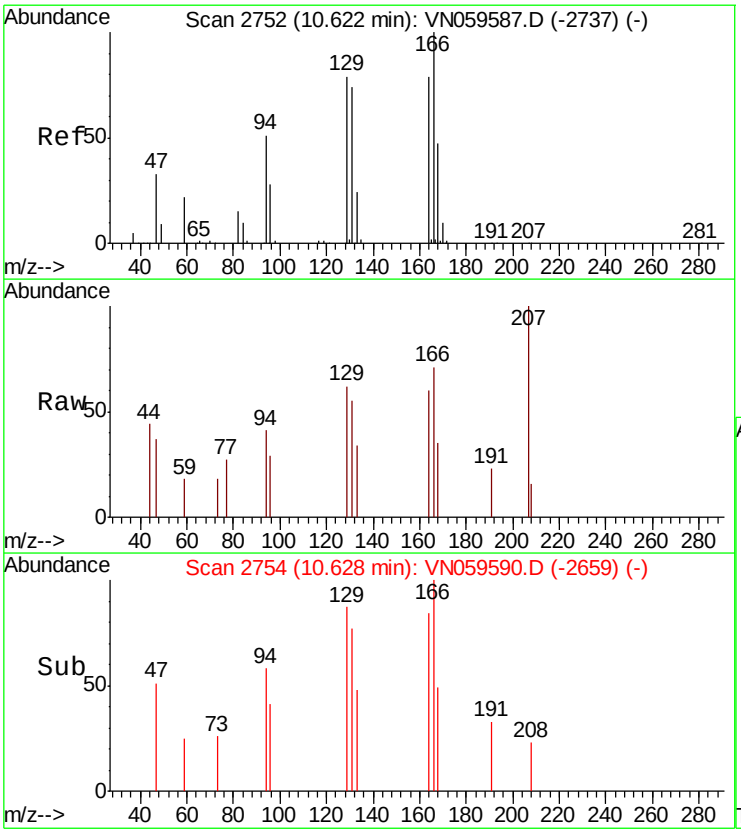
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 373851

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.9	68.9
119	32.1	25.5	38.3

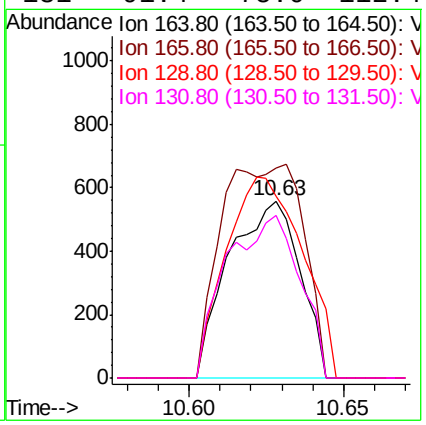


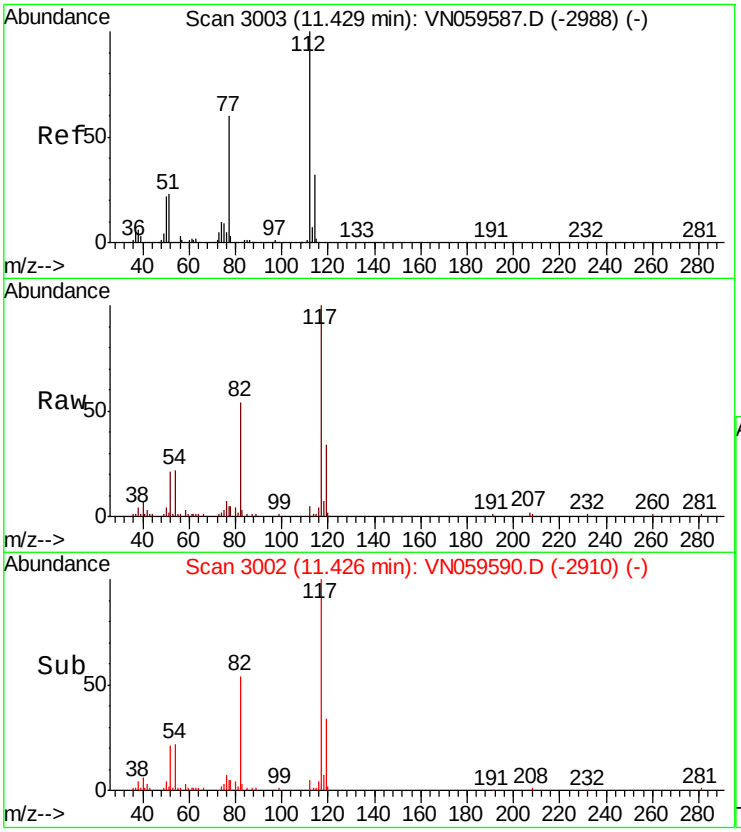


#64
Tetrachloroethene
Concen: 0.255 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:164 Resp: 889

Ion	Ratio	Lower	Upper
164	100		
166	118.4	101.4	152.0
129	102.7	80.2	120.4
131	91.4	75.0	112.4



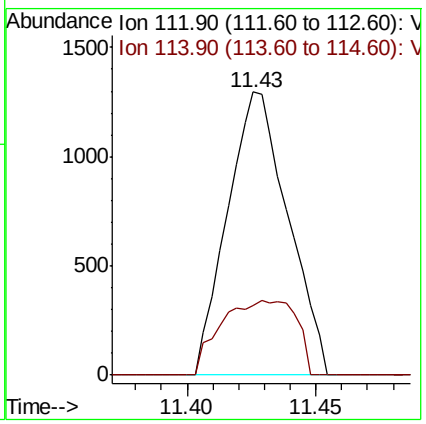


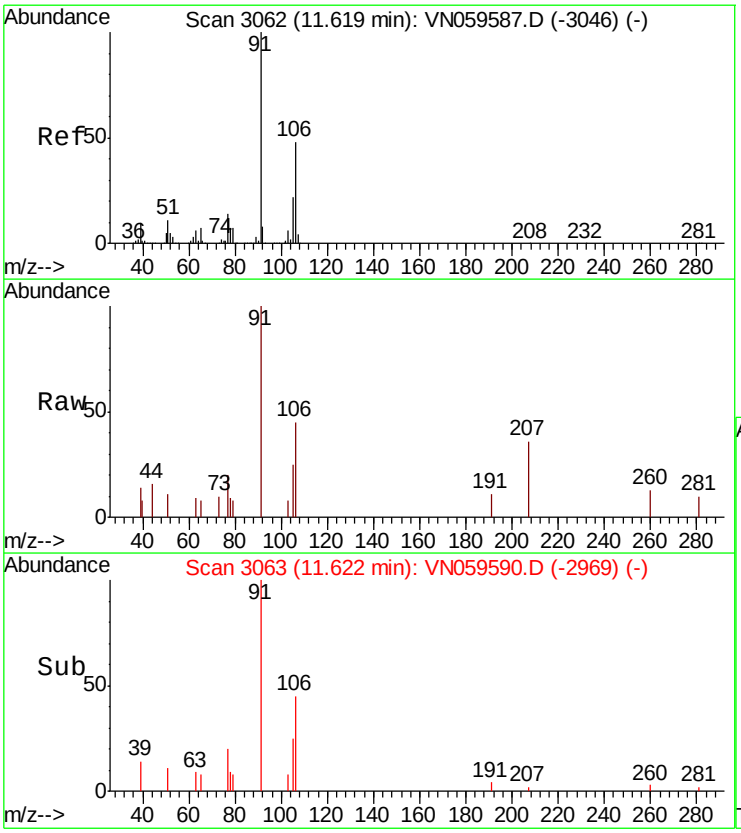
#65
Chlorobenzene
Concen: 0.262 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 2117

Ion	Ratio	Lower	Upper
112	100		
114	24.7	25.8	38.8#

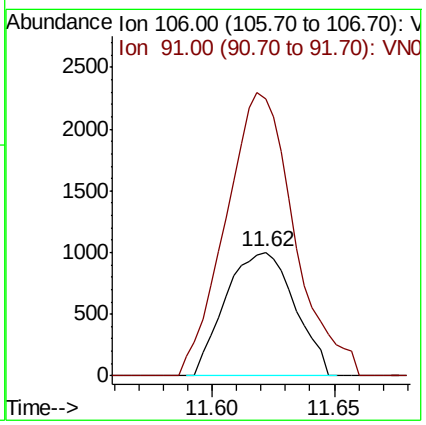


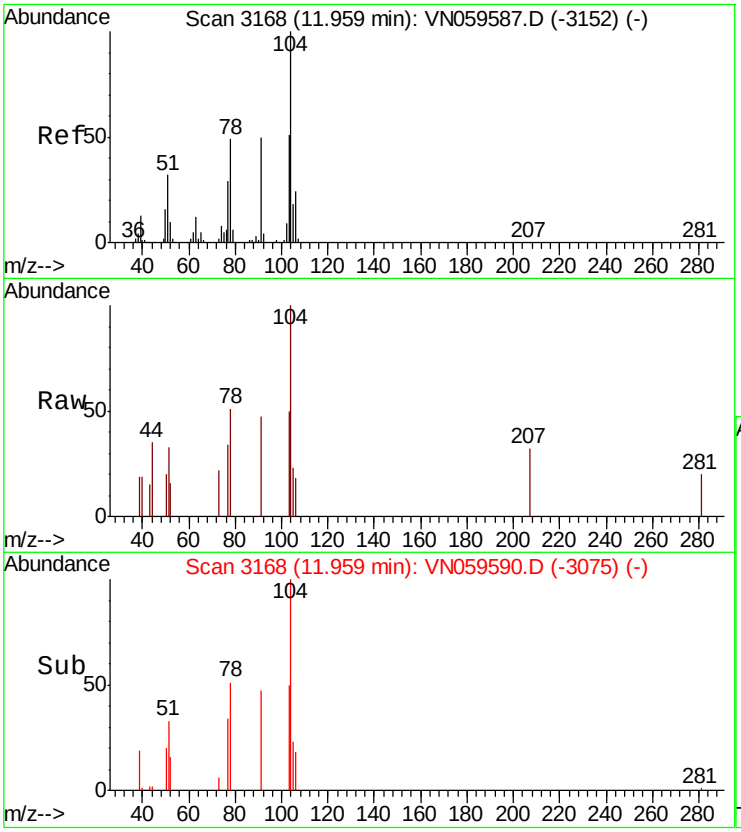


#68
m/p-Xylenes
Concen: 0.365 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:106 Resp: 1969

Ion	Ratio	Lower	Upper
106	100		
91	227.4	167.9	251.9



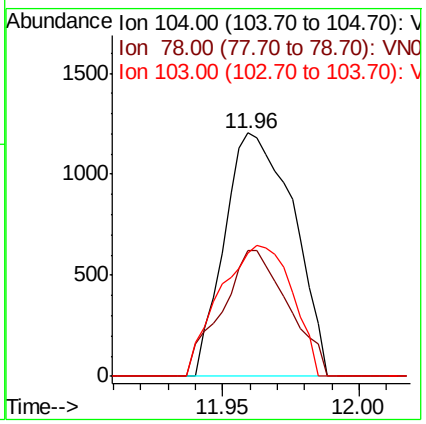


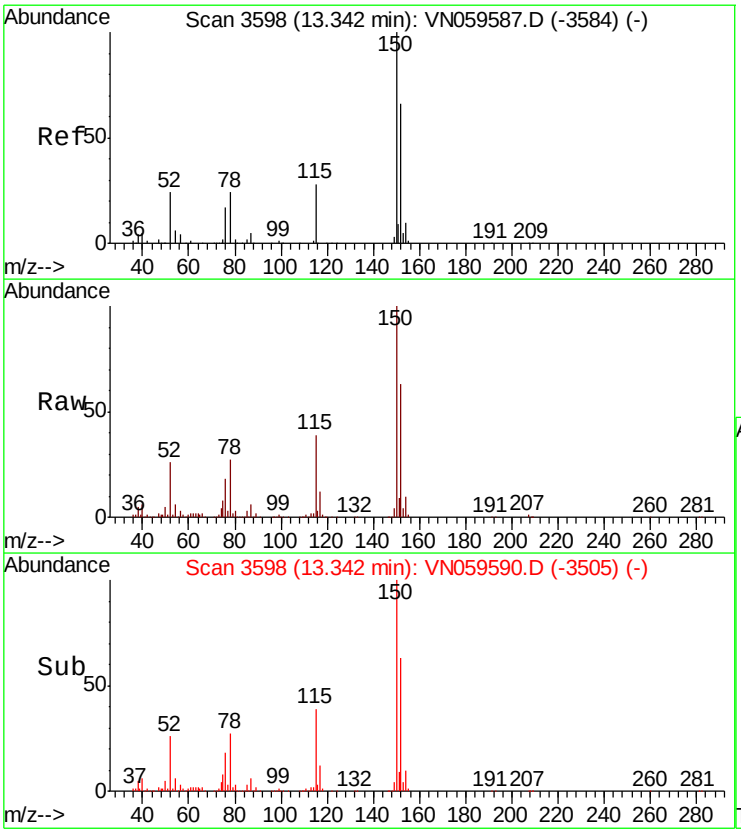
#70
Stvrene
Concen: 0.257 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:104 Resp: 2120

Ion	Ratio	Lower	Upper
104	100		
78	49.7	42.4	63.6
103	56.6	43.9	65.9

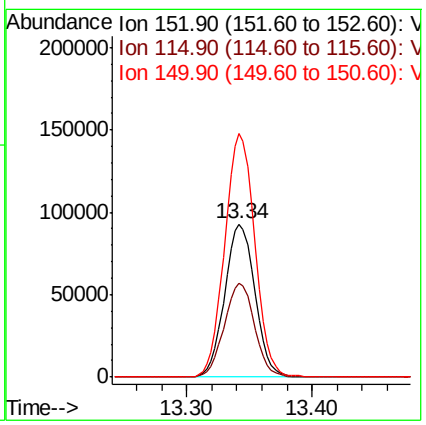


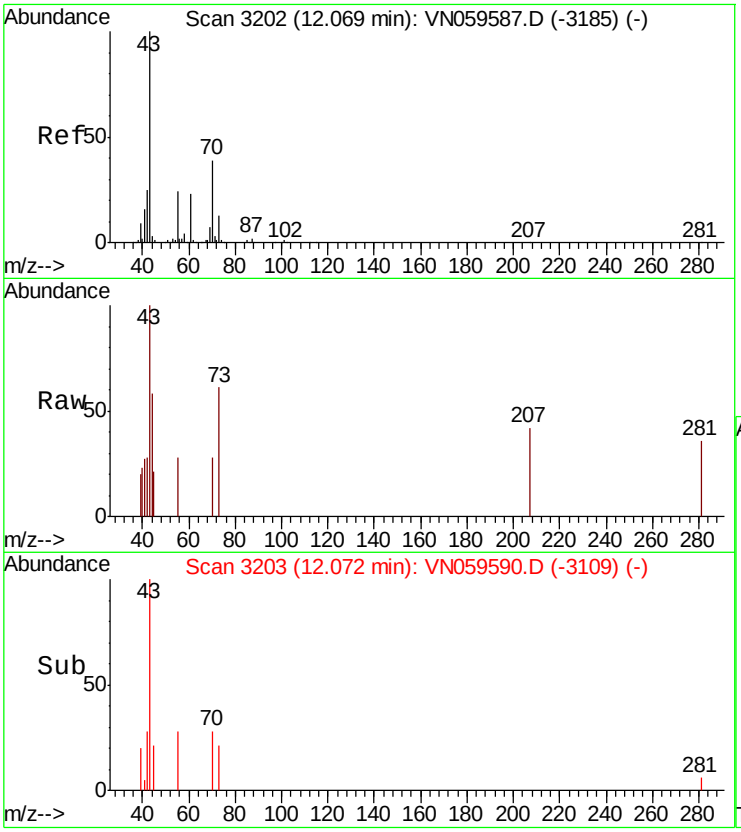


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:152 Resp: 155591

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	90.9
150	158.4	0.0	345.2



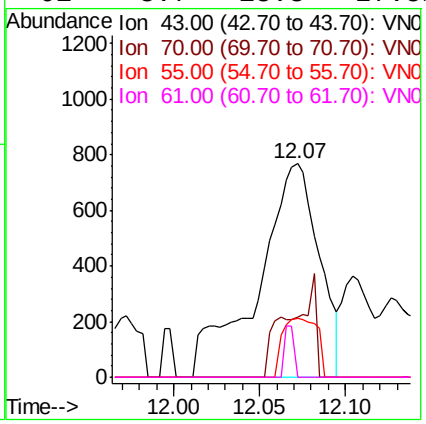


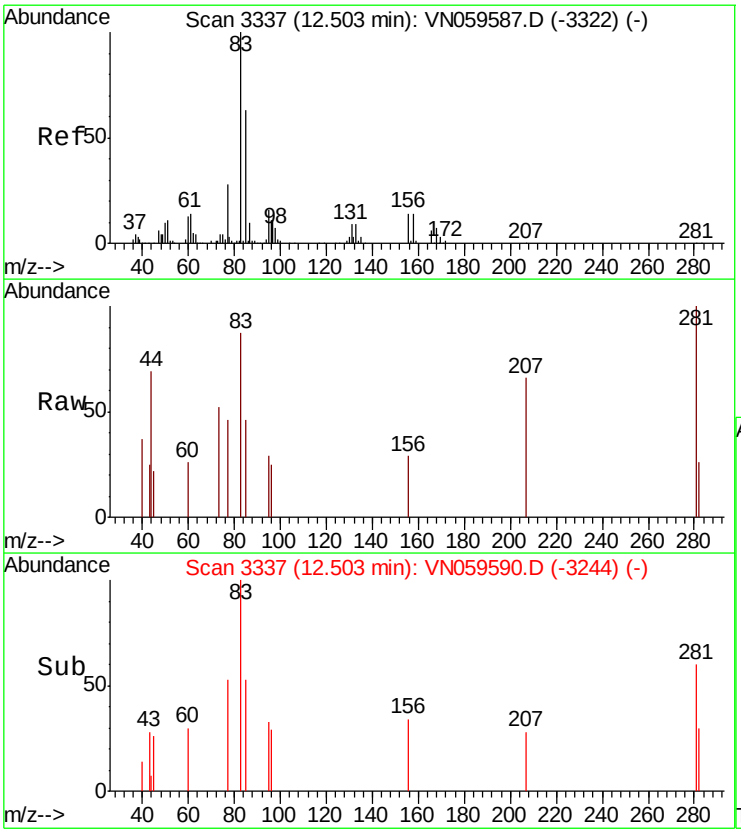
#74
N-amyl acetate
Concen: 0.340 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
70	7.9	31.3	46.9#
55	15.6	19.8	29.6#
61	3.7	18.3	27.5#

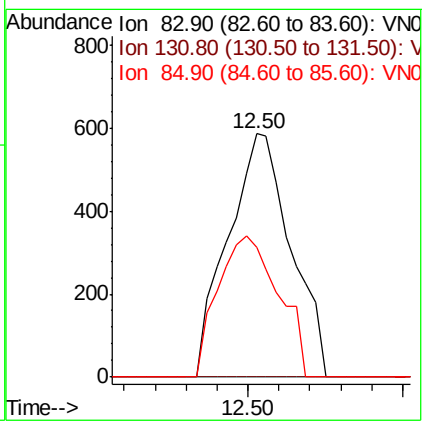


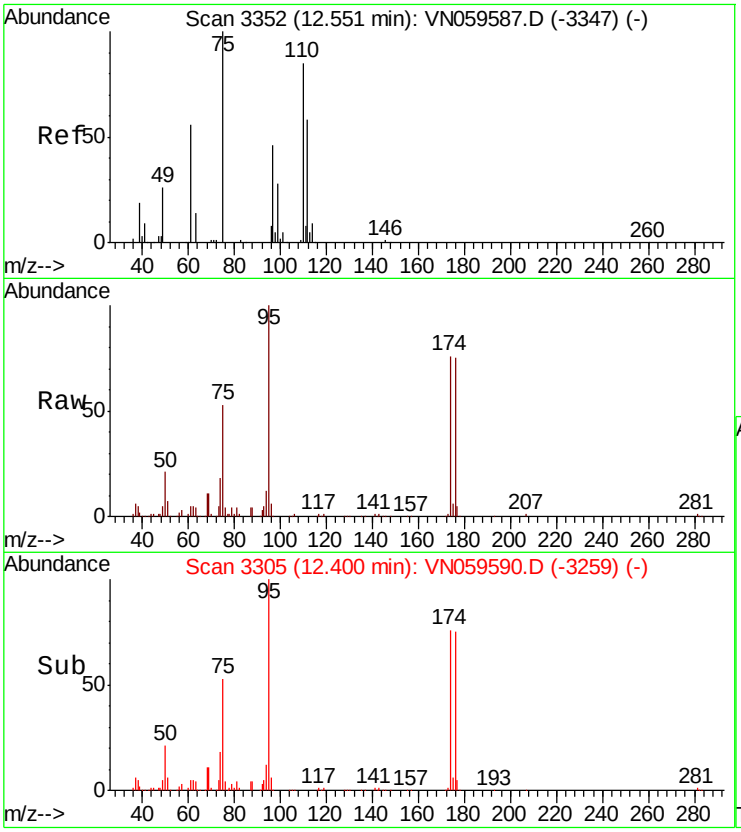


#75
1,1,2,2-Tetrachloroethane
Concen: 0.214 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 83 Resp: 831

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	56.1	31.9	95.5



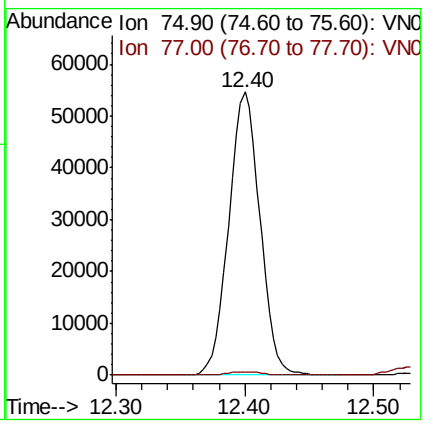


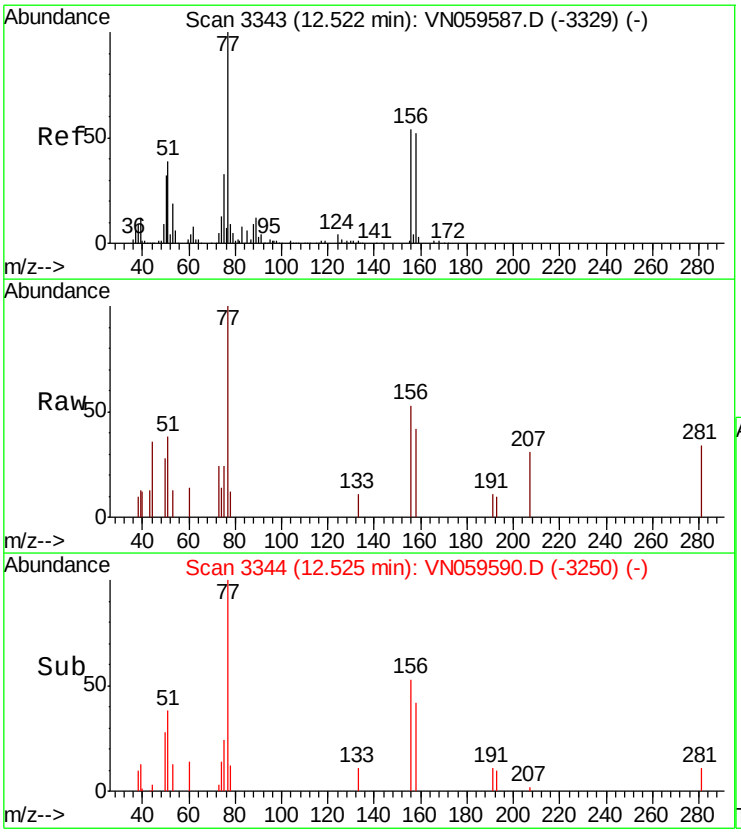
#76
1,2,3-Trichloropropane
Concen: 23.833 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 91799

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

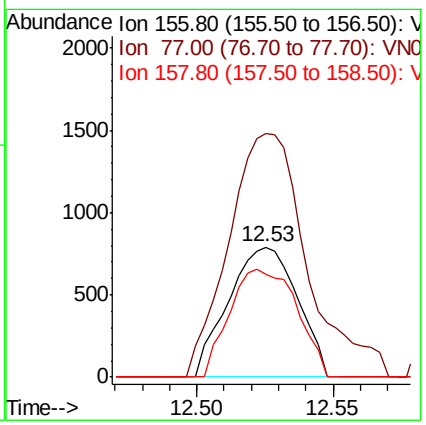


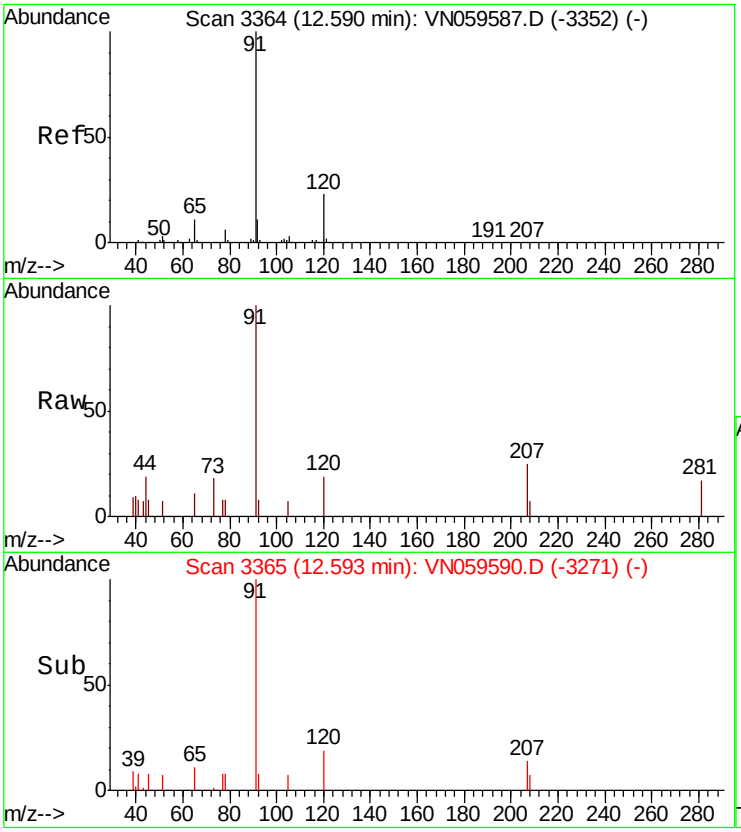


#77
Bromobenzene
Concen: 0.462 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:156 Resp: 1387

Ion	Ratio	Lower	Upper
156	100		
77	213.8	115.8	347.4
158	81.3	49.2	147.6



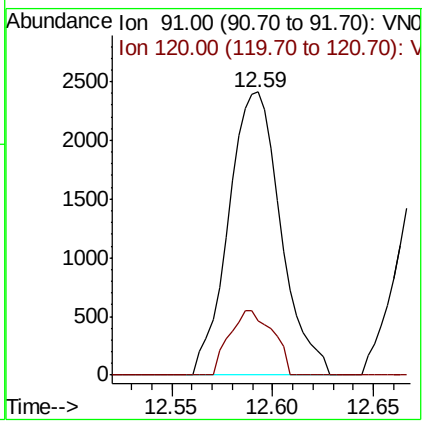


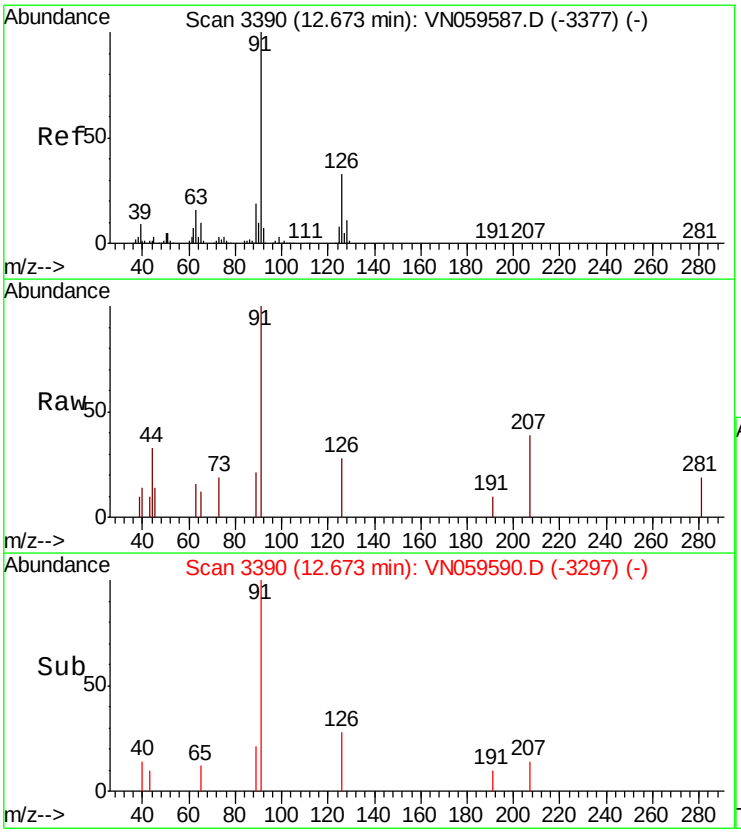
#78
n-propylbenzene
Concen: 0.303 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4369

Ion	Ratio	Lower	Upper
91	100		
120	19.0	11.1	33.3

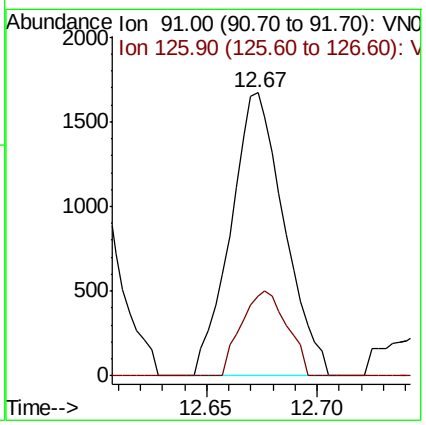


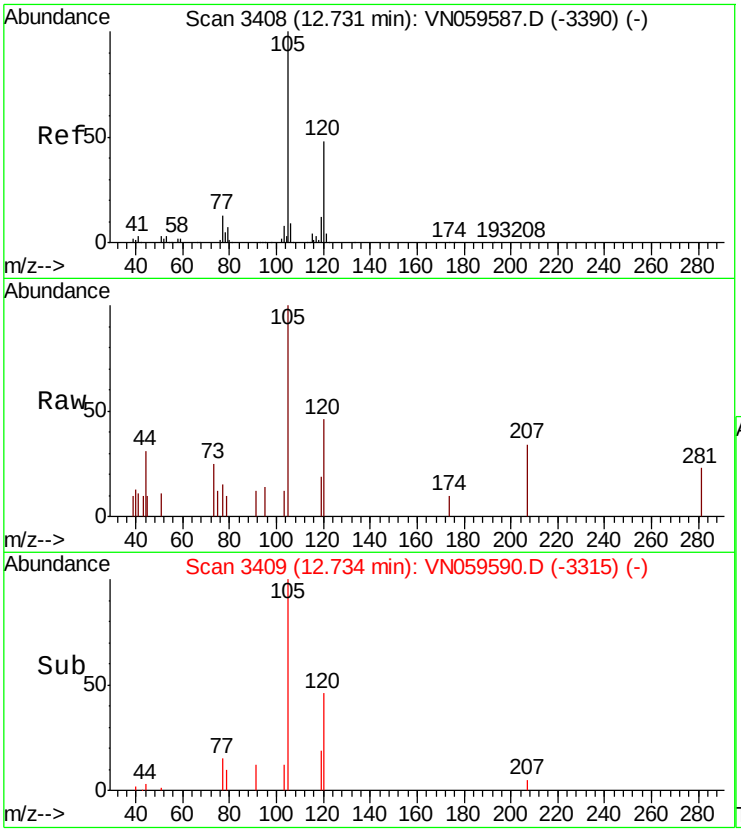


#79
2-Chlorotoluene
Concen: 0.322 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 91 Resp: 2814

Ion	Ratio	Lower	Upper
91	100		
126	25.6	16.3	48.9



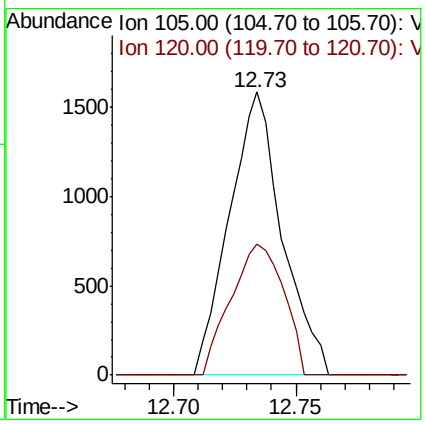


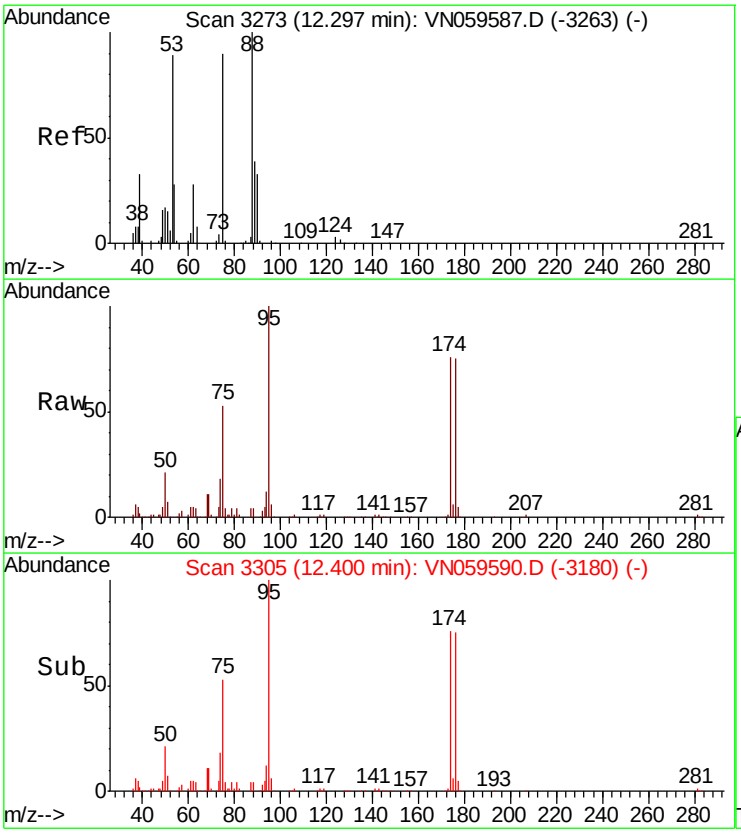
#80
1,3,5-Trimethylbenzene
Concen: 0.230 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 2377

Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.1	72.4

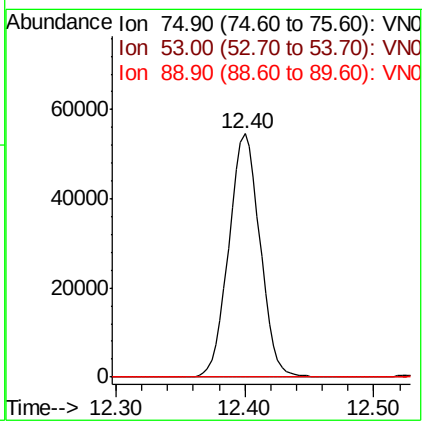


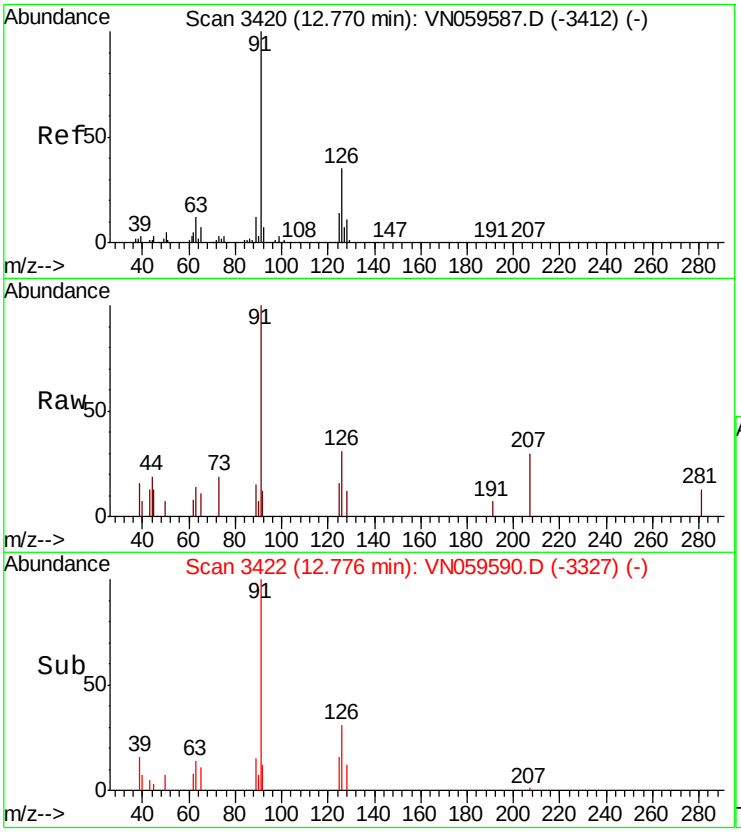


#81
trans-1,4-Dichloro-2-butene
Concen: 58.865 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 75 Resp: 91799

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.1	117.1#
89	0.0	35.4	53.2#



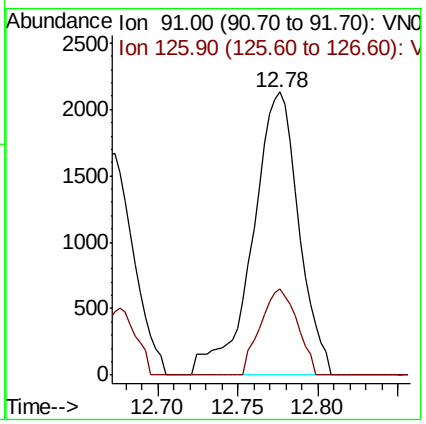


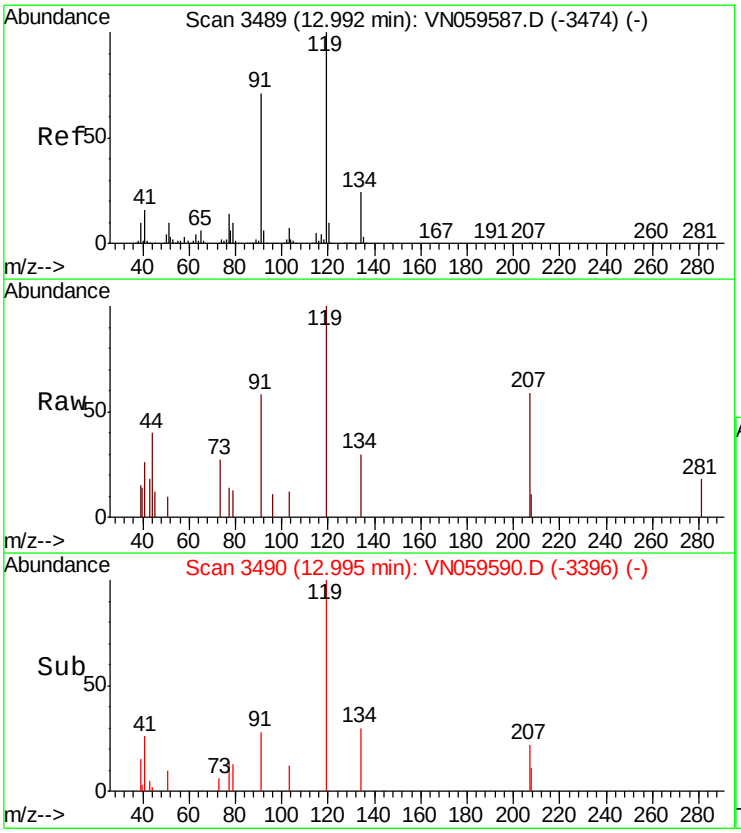
#82
4-Chlorotoluene
Concen: 0.475 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4246

Ion	Ratio	Lower	Upper
91	100		
126	24.4	16.3	48.8

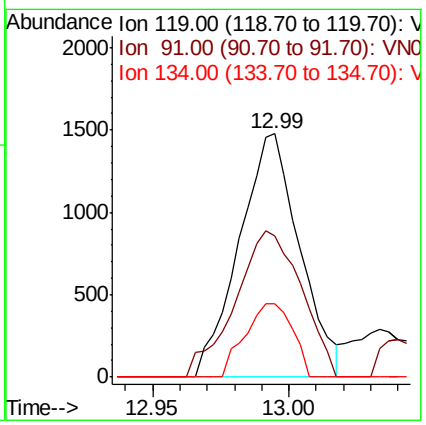


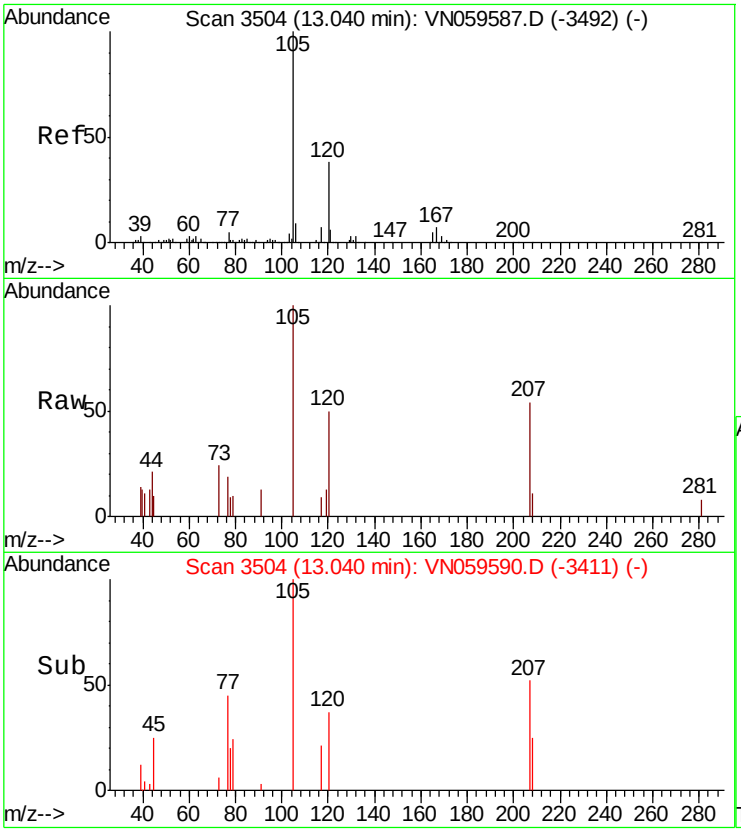


#83
tert-Butylbenzene
Concen: 0.259 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:119 Resp: 2271

Ion	Ratio	Lower	Upper
119	100		
91	65.7	34.8	104.4
134	23.6	12.3	36.9



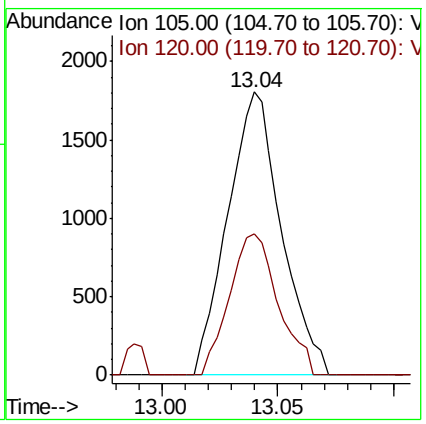


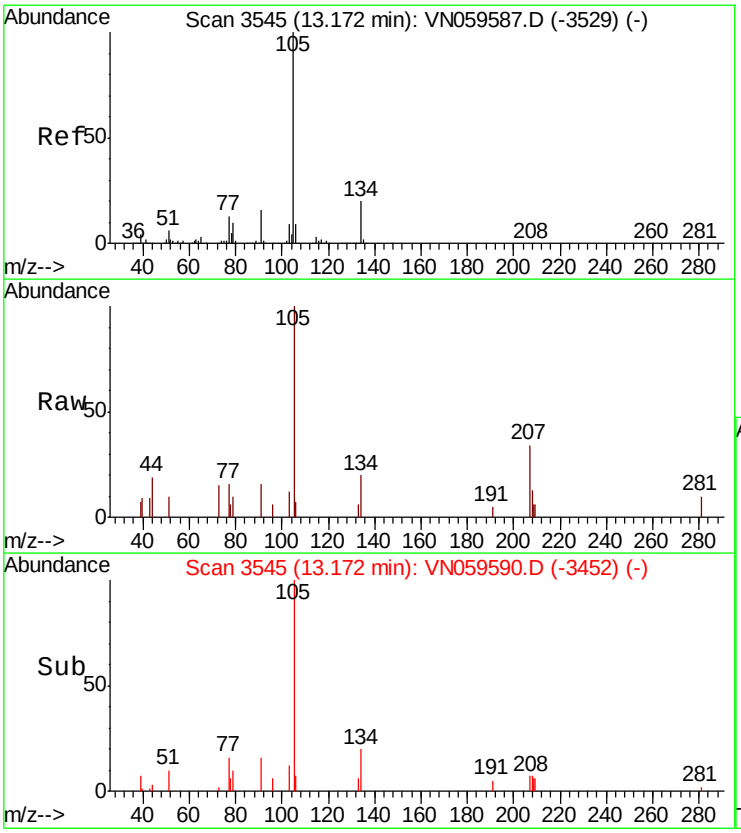
#84
1,2,4-Trimethylbenzene
Concen: 0.282 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 2897

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.9

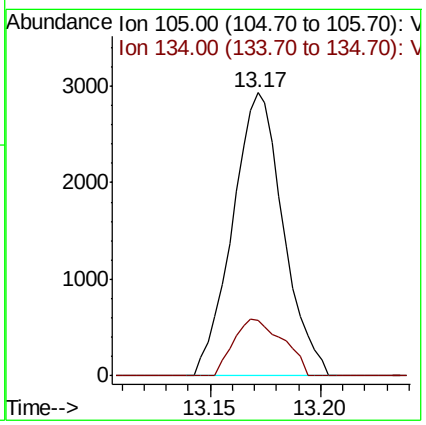


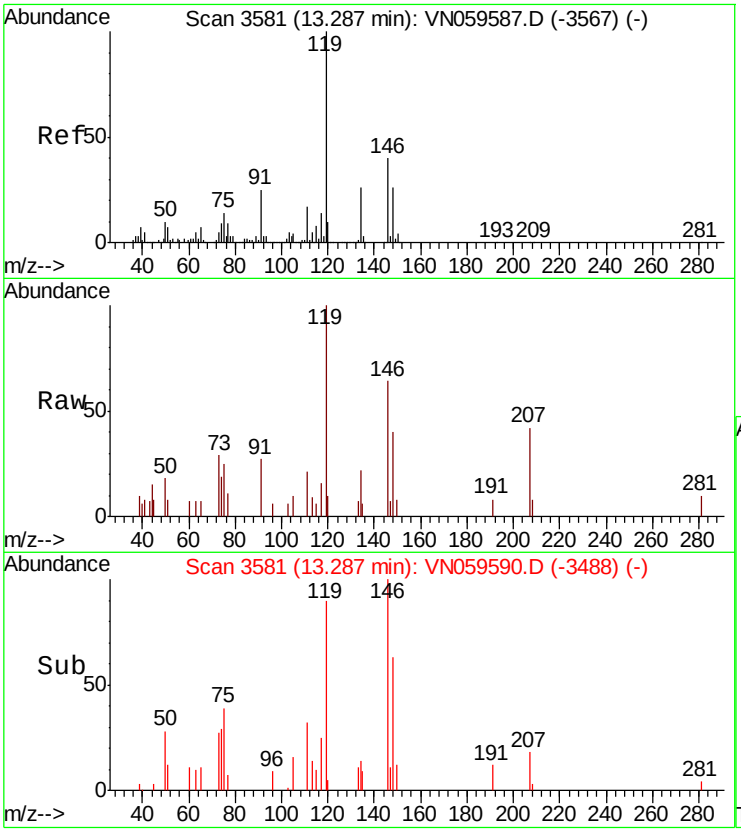


#85
sec-Butylbenzene
Concen: 0.402 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:105 Resp: 4684

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5



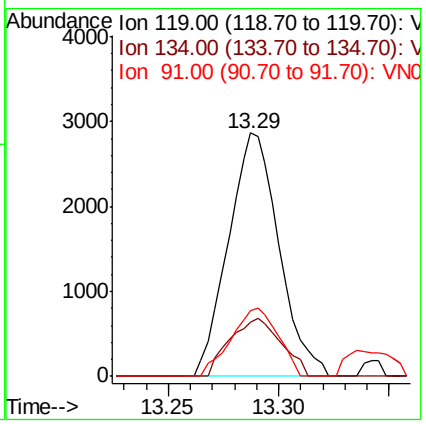


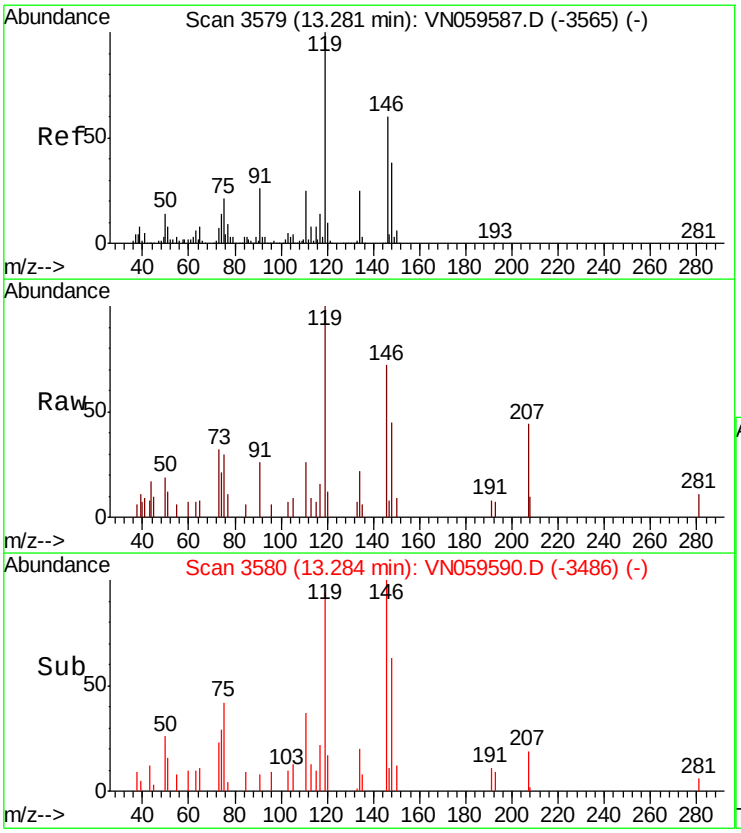
#86
p-Isopropyltoluene
Concen: 0.433 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 4565

Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.9	38.7
91	26.0	12.4	37.4

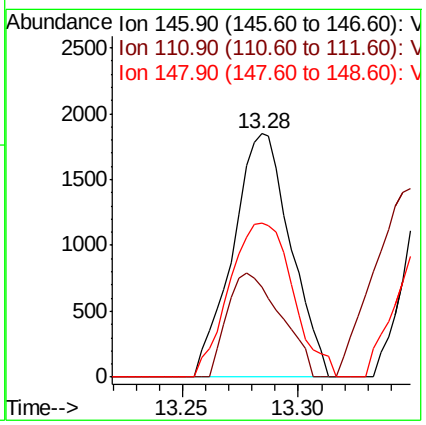


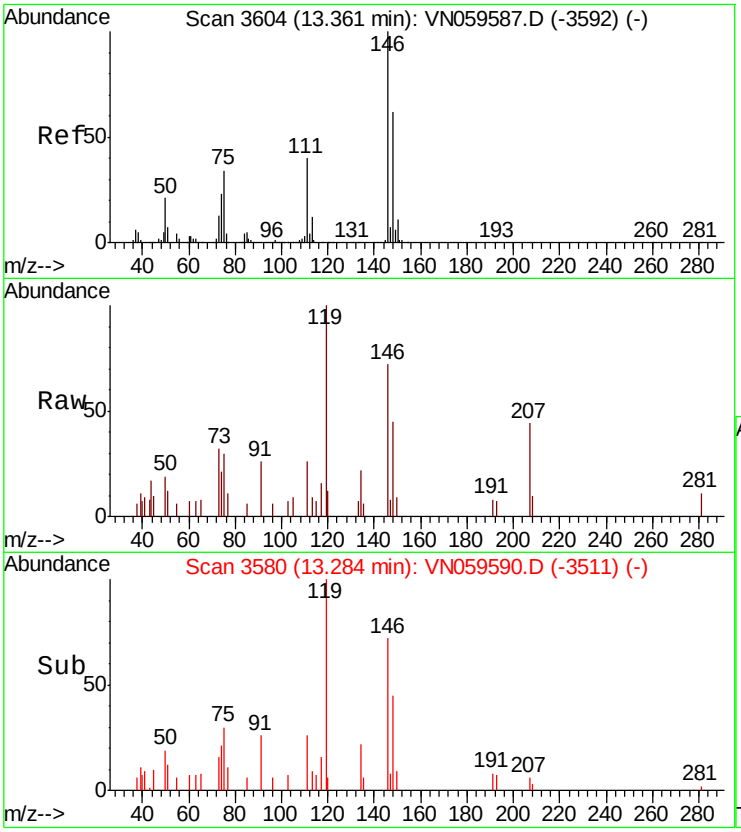


#87
1,3-Dichlorobenzene
Concen: 0.582 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:146 Resp: 3212

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.8	62.2
148	69.5	32.0	96.0



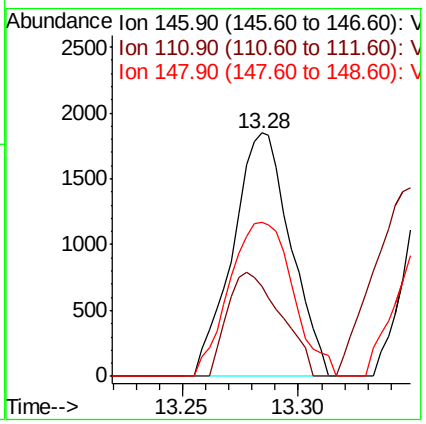


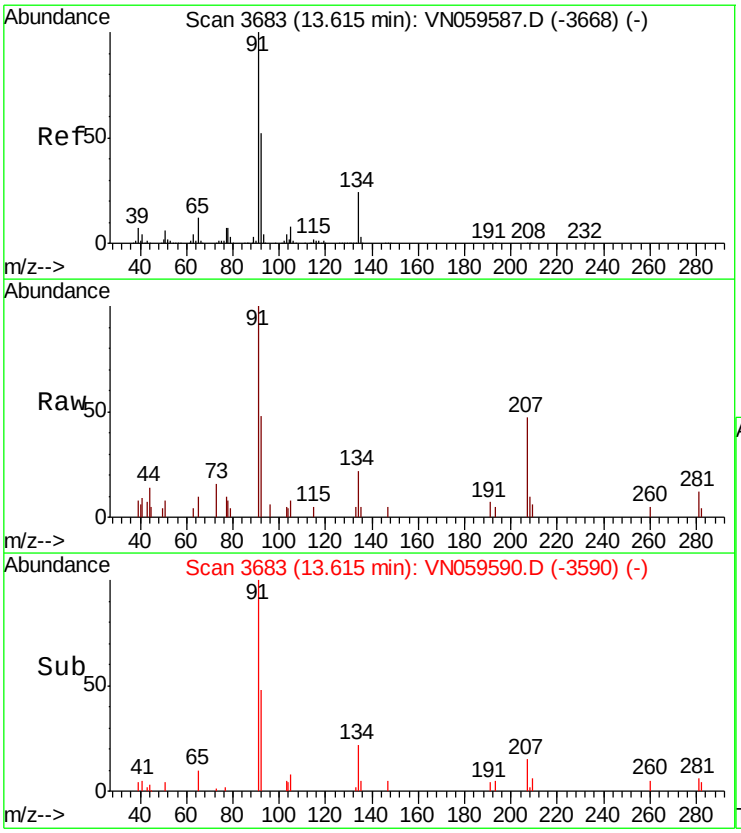
#88
1,4-Dichlorobenzene
Concen: 0.577 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.08 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 3212

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.8	62.2
148	69.5	31.8	95.4

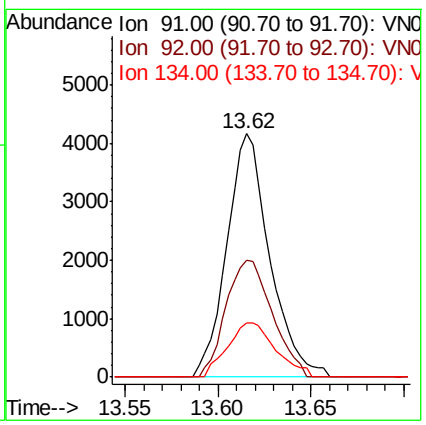


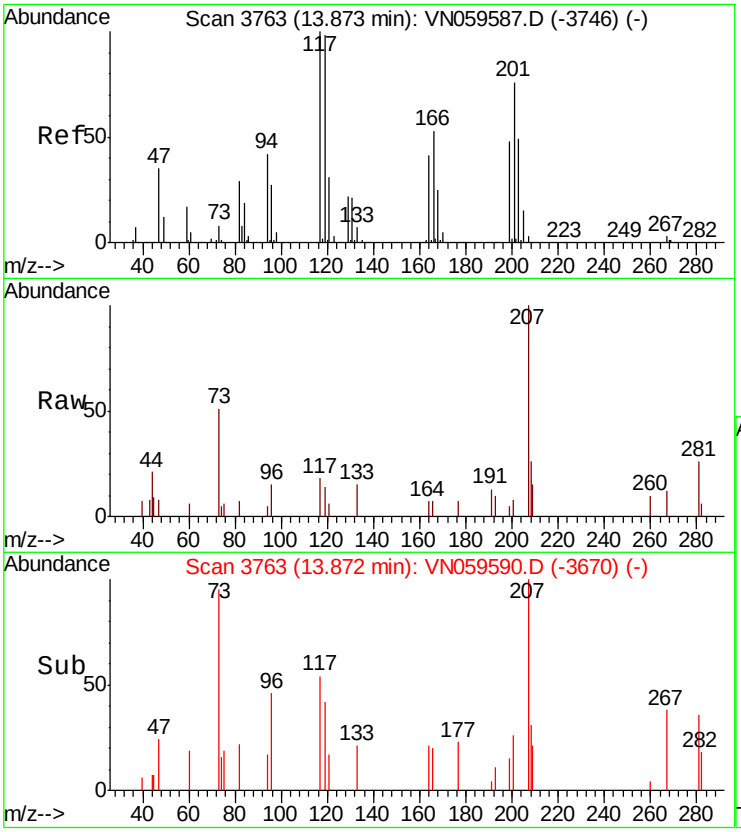


#89
n-Butylbenzene
Concen: 0.676 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion: 91 Resp: 6685

Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.9	77.7
134	25.1	12.3	36.8



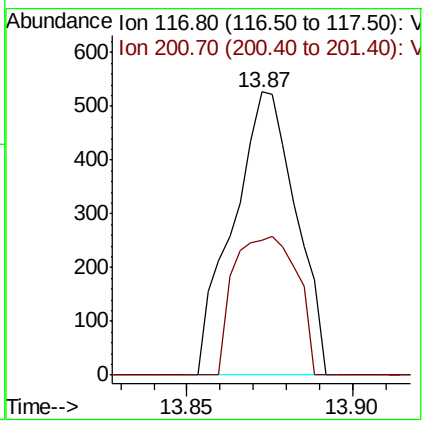


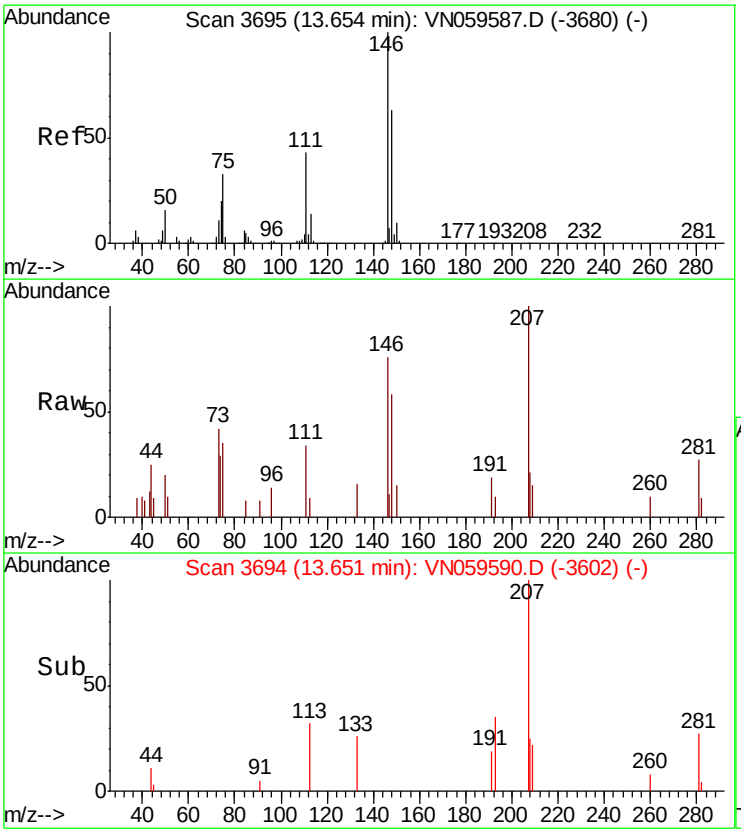
#90
Hexachloroethane
Concen: 0.348 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 693

Ion	Ratio	Lower	Upper
117	100		
201	49.5	37.8	113.4

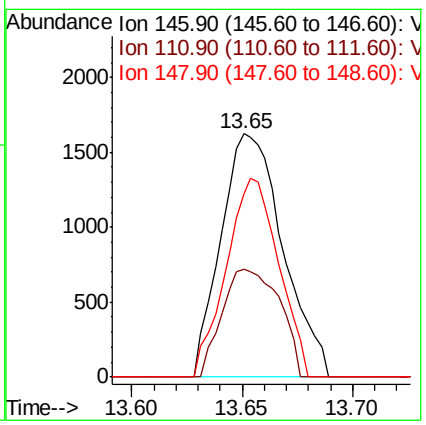


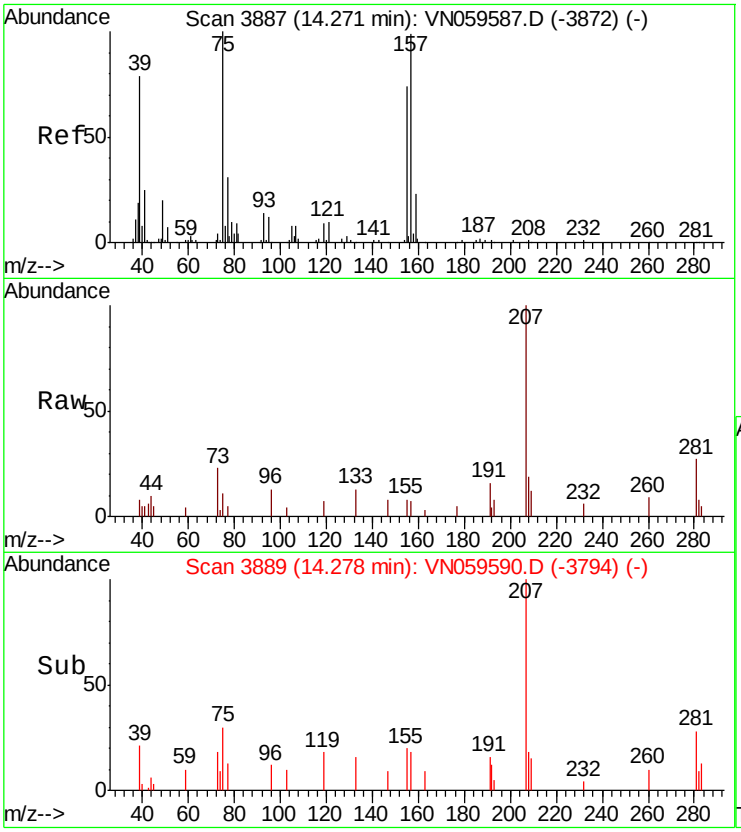


#91
1,2-Dichlorobenzene
Concen: 0.582 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:146 Resp: 3169

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.6	64.8
148	69.1	31.6	95.0



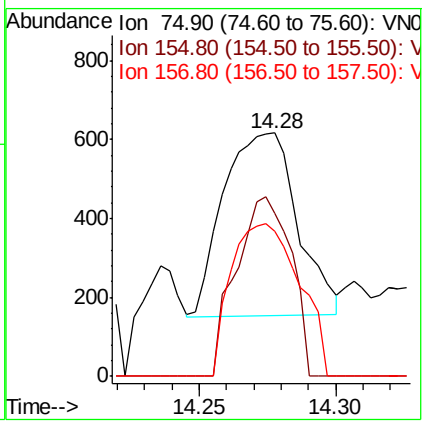


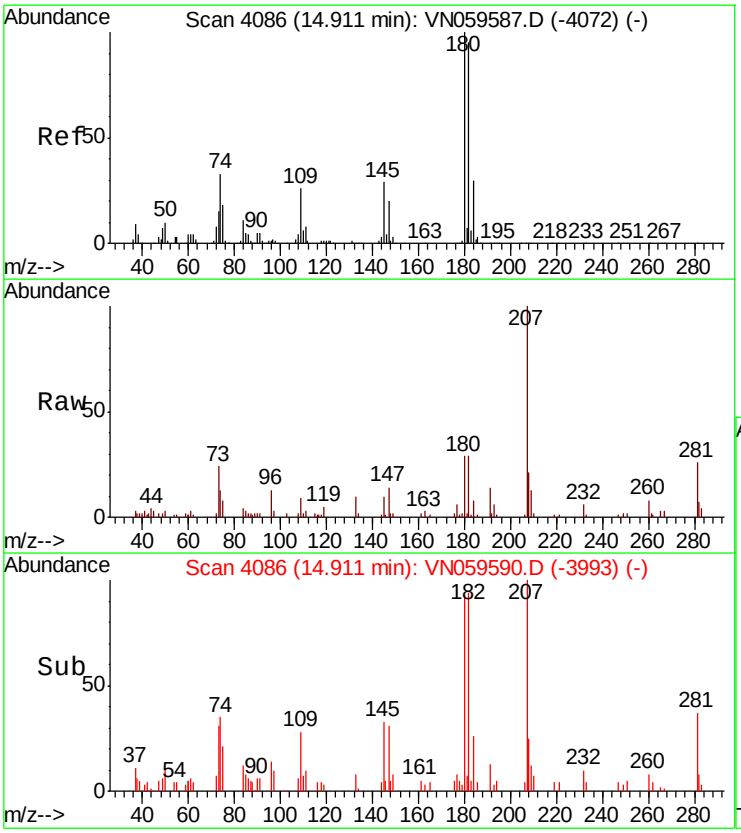
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.397 ug/l
RT: 14.28 min Scan# 3889
Delta R.T. 0.01 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 874

Ion	Ratio	Lower	Upper
75	100		
155	72.7	37.0	110.9
157	77.1	48.4	145.2

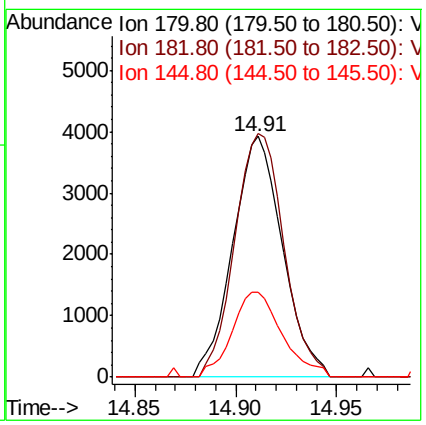


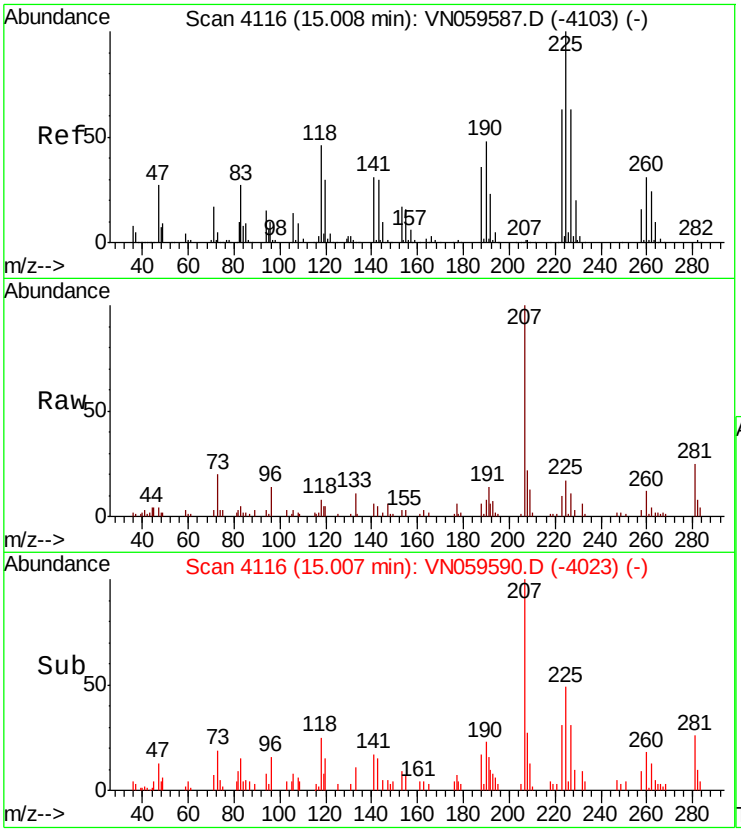


#93
1,2,4-Trichlorobenzene
Concen: 1.927 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:180 Resp: 6778

Ion	Ratio	Lower	Upper
180	100		
182	99.7	46.9	140.7
145	35.5	15.0	45.1



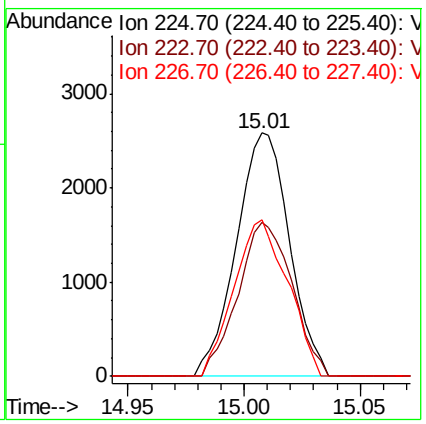


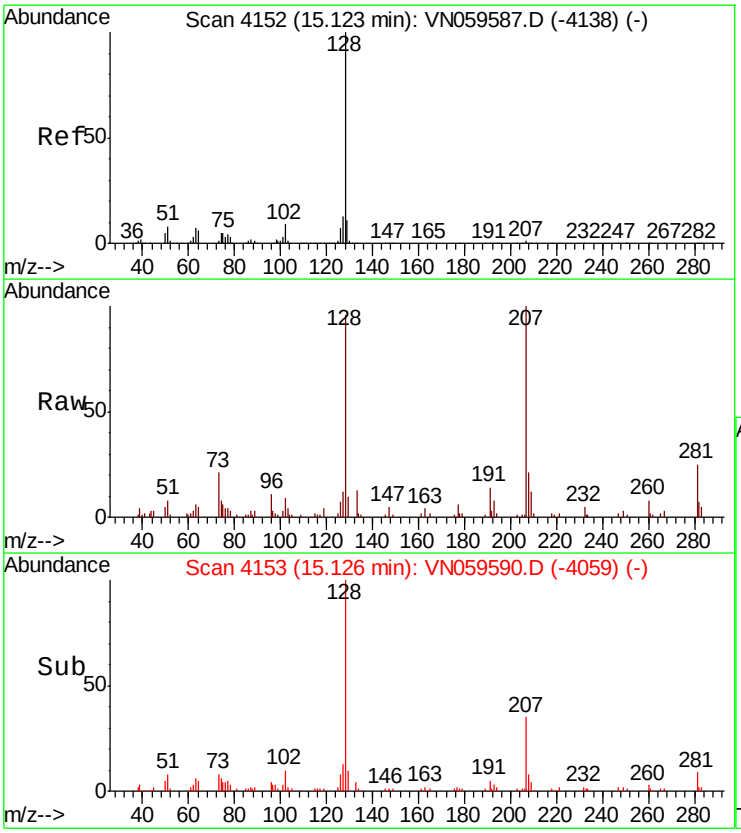
#94
Hexachlorobutadiene
Concen: 3.713 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 4114

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.8	95.3
227	65.2	32.1	96.5

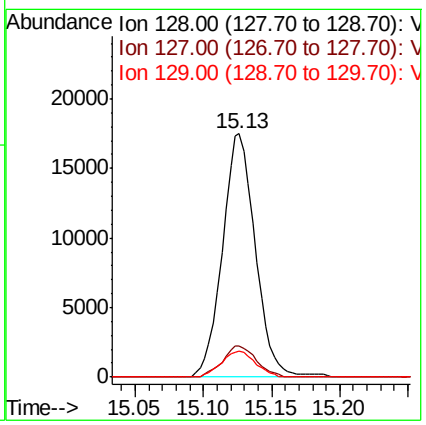


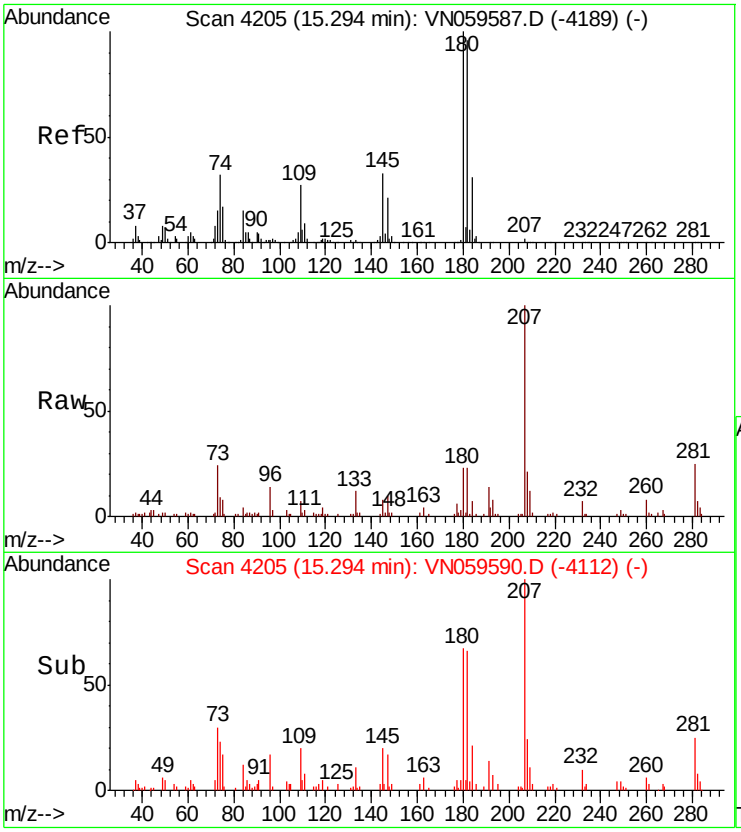


#95
Naphthalene
Concen: 2.792 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Tgt Ion:128 Resp: 29314

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.612 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059590.D
Acq: 13 Dec 2019 17:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 9292

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.4	142.3
145	35.9	16.3	48.9