Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073119\
Data File : VN057003.D
Acq On : 31 Jul 2019 10:48
Operator : JC/SP
Sample : PB121844TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Quant Time: Aug 01 01:17:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	620483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	900141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	776473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	305946	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
35) Dibromofluoromethane	7.58	113	276696	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.04%			
50) Toluene-d8	10.08	98	1073945	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.74%			
62) 4-Bromofluorobenzene	12.40	95	290807	40.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.30%			
Target Compounds						Qvalue
5) Bromomethane	2.56	94	1186	0.271	ug/l	81
10) Methyl Iodide	3.94	142	1685	0.221	ug/l #	61
11) Tert butyl alcohol	4.73	59	5719	6.661	ug/l #	74
13) Acrolein	3.61	56	66	Below Cal	#	15
14) Allyl chloride	4.54	41	1995	0.225	ug/l #	29
16) Acetone	3.81	43	25270	10.982	ug/l	99
20) Methylene Chloride	4.54	84	49806	7.514	ug/l	99
31) Cyclohexane	7.65	56	9689	0.928	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	39053	4.931	ug/l #	49
38) Carbon Tetrachloride	7.65	117	53832	7.185	ug/l #	16
43) Isopropyl Acetate	8.16	43	22429	2.139	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2062	0.316	ug/l #	44
48) Methyl methacrylate	9.17	41	9045	1.787	ug/l #	12
51) 4-Methyl-2-Pentanone	9.98	43	5325	0.855	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	63975	6.853	ug/l #	63
56) Ethyl methacrylate	10.54	69	1201	1.891	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13323	1.367	ug/l #	42
59) 2-Hexanone	10.76	43	176153	38.850	ug/l #	50
70) Styrene	11.96	104	928	1.918	ug/l	90
71) Bromoform	12.40	173	2471	0.594	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	131677	30.119	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11138	0.729	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	131677	96.771	ug/l #	15
91) 1,2-Dichlorobenzene	13.65	146	1601	0.220	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1811	3.168	ug/l	93
94) Hexachlorobutadiene	15.01	225	593	Below Cal	#	75
95) Naphthalene	15.12	128	5266	4.122	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2412	2.660	ug/l	92

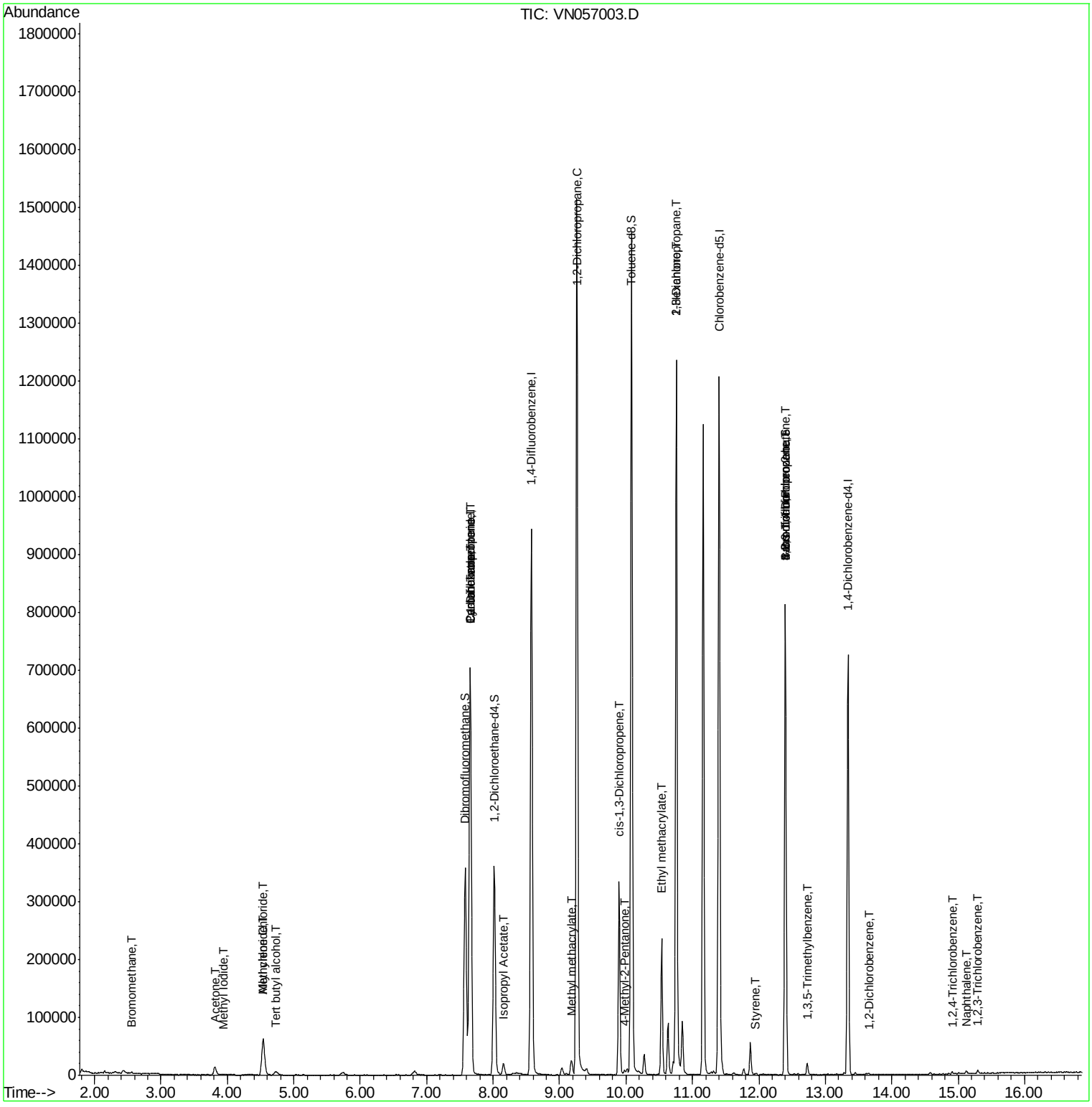
(#) = qualifier out of range (m) = manual integration (+) = signals summed

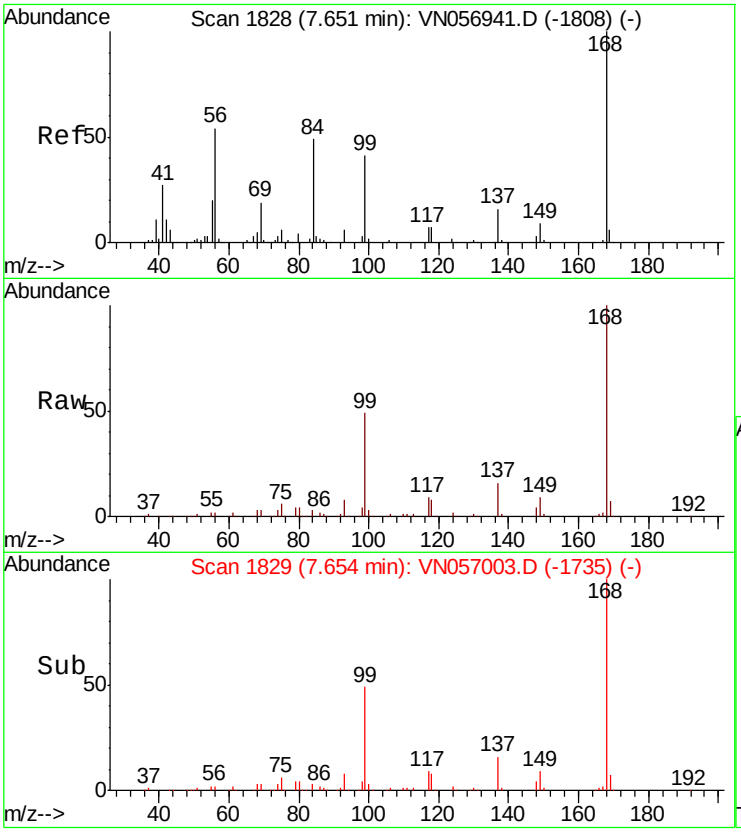
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073119\
Data File : VN057003.D
Acq On : 31 Jul 2019 10:48
Operator : JC/SP
Sample : PB121844TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Quant Time: Aug 01 01:17:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration



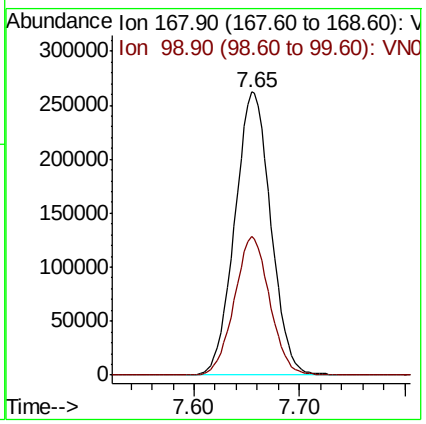


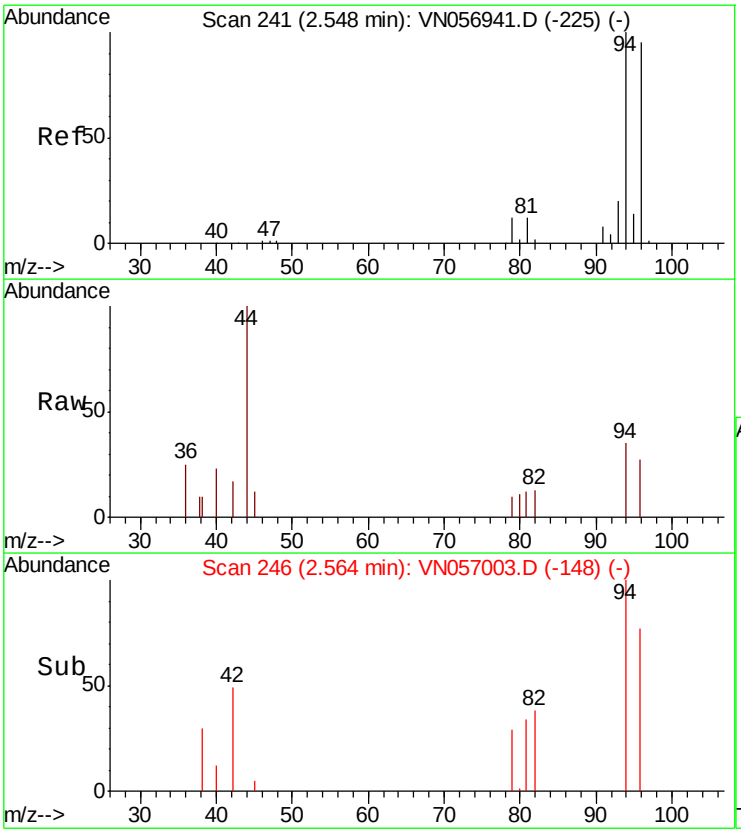
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion:168 Resp: 620483

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.0	58.4

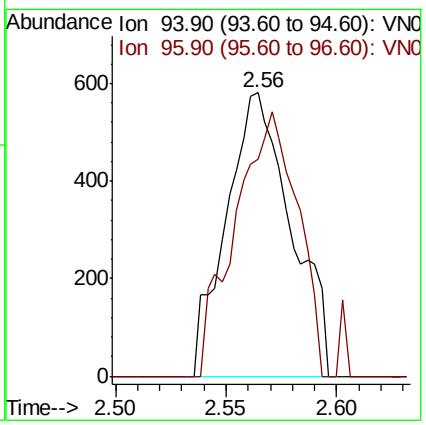


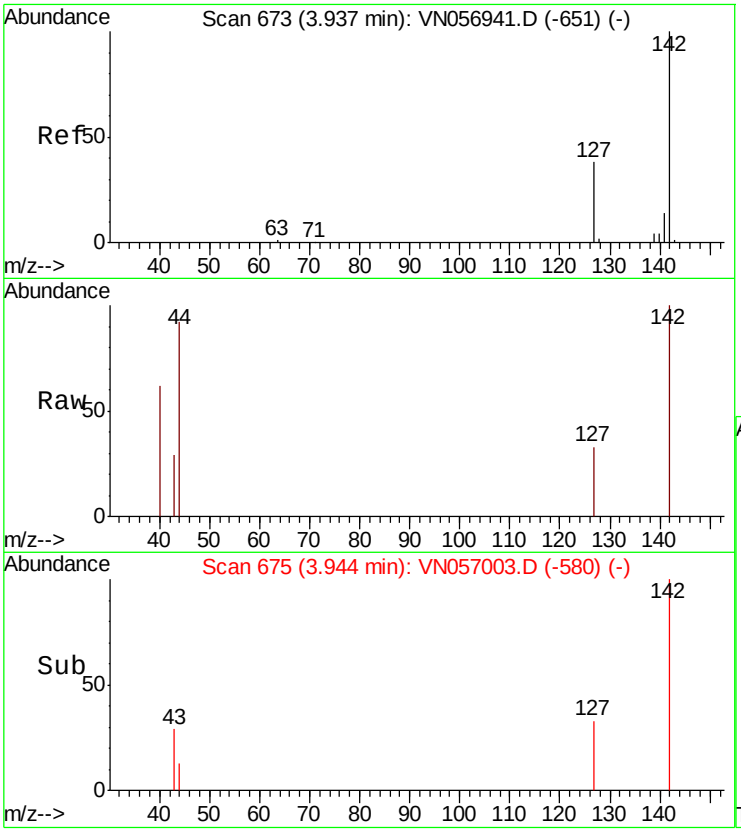


#5
Bromomethane
Concen: 0.271 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.02 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 94 Resp: 1186

Ion	Ratio	Lower	Upper
94	100		
96	76.6	76.2	114.2



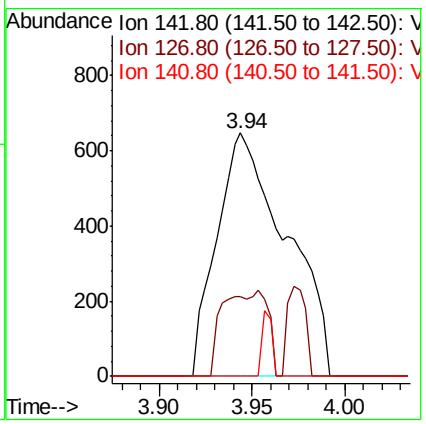


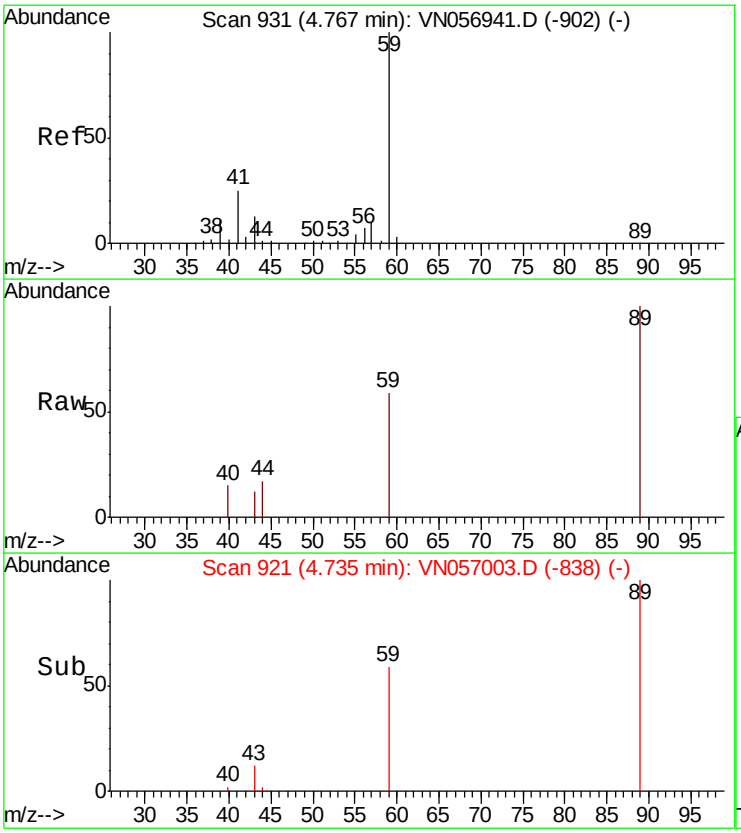
#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion:142 Resp: 1685

Ion	Ratio	Lower	Upper
142	100		
127	13.6	30.4	45.6#
141	0.0	11.1	16.7#

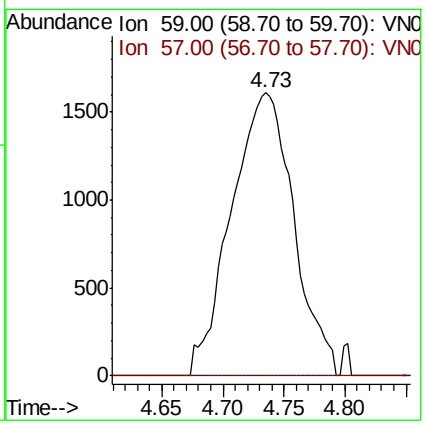


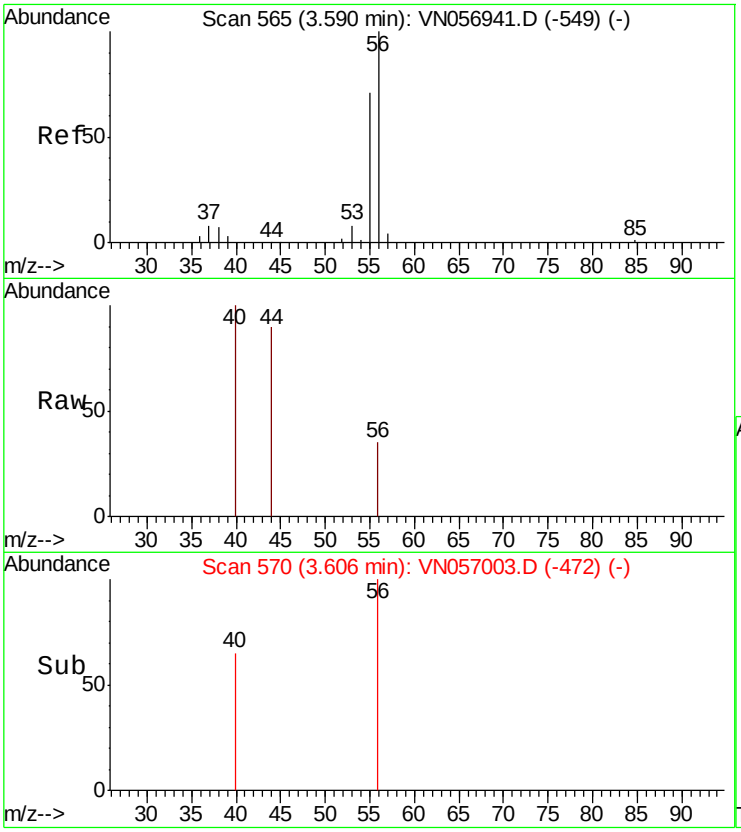


#11
Tert butyl alcohol
Concen: 6.661 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.03 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 59 Resp: 5719

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#



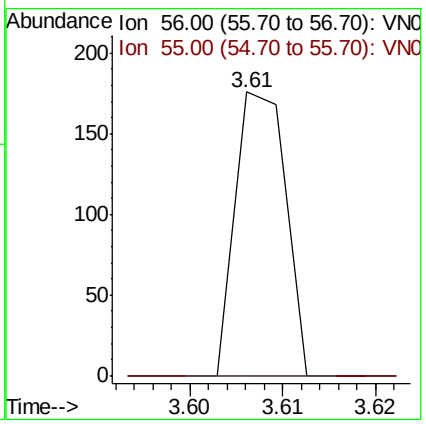


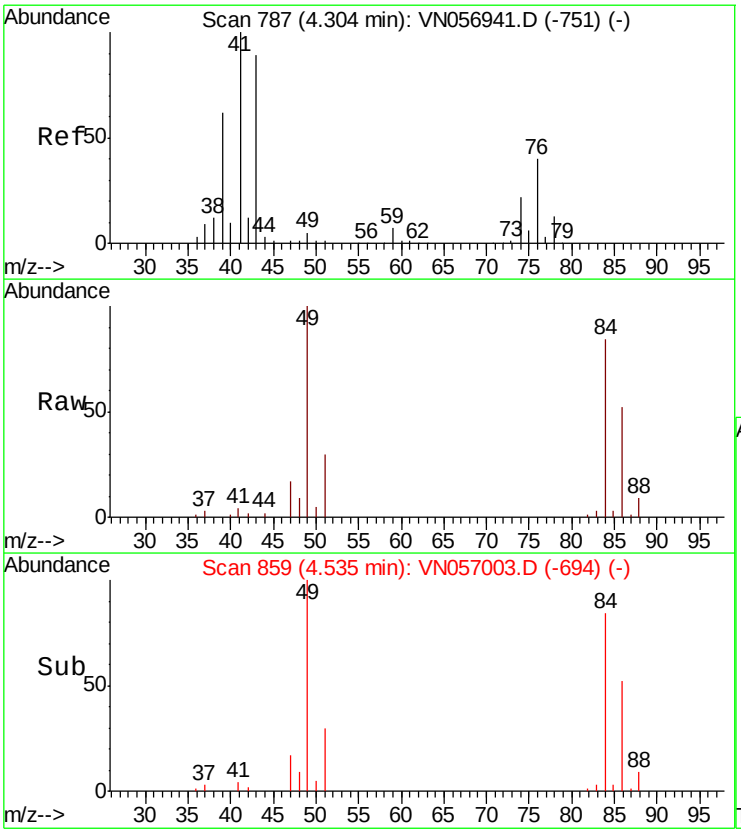
#13
Acrolein
Concen: Below Cal
RT: 3.61 min Scan# 570
Delta R.T. 0.02 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.6#

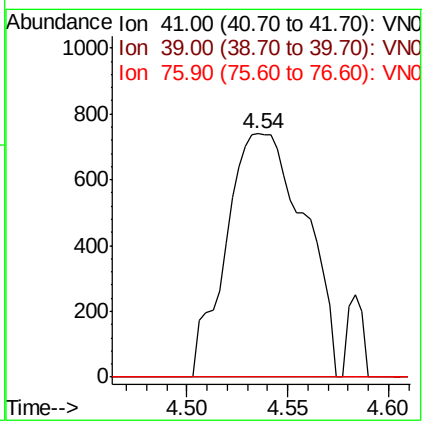


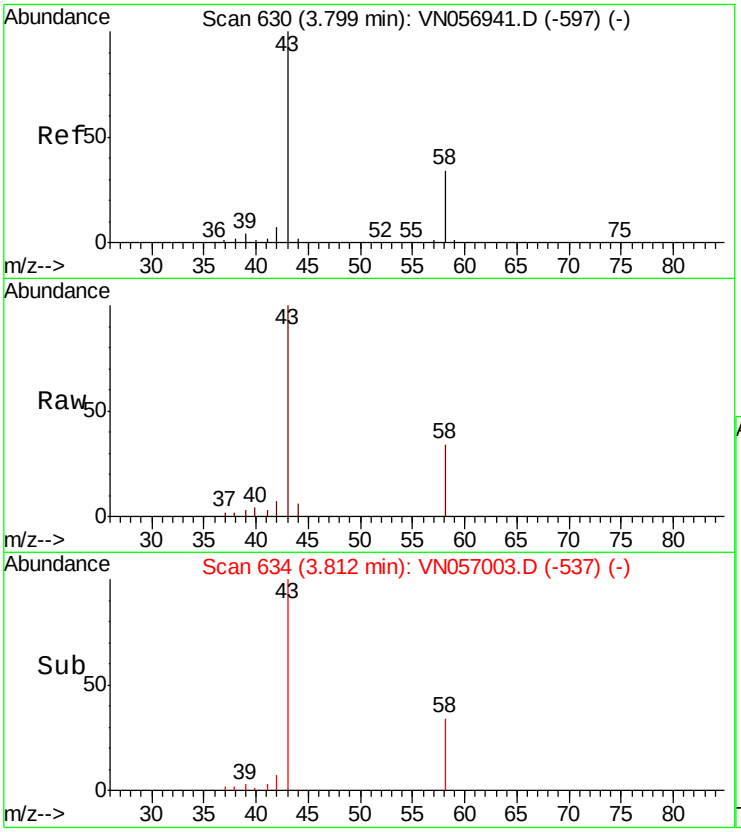


#14
Allyl chloride
Concen: 0.225 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.23 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 41 Resp: 1995

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.4	69.6#
76	0.0	28.4	42.6#



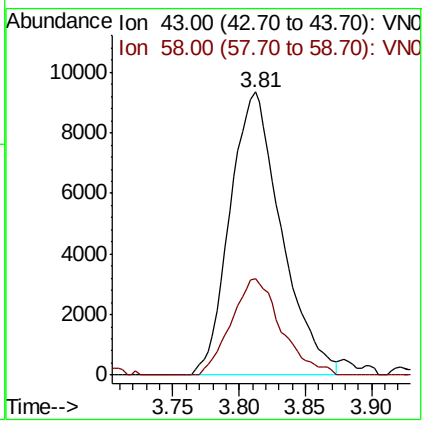


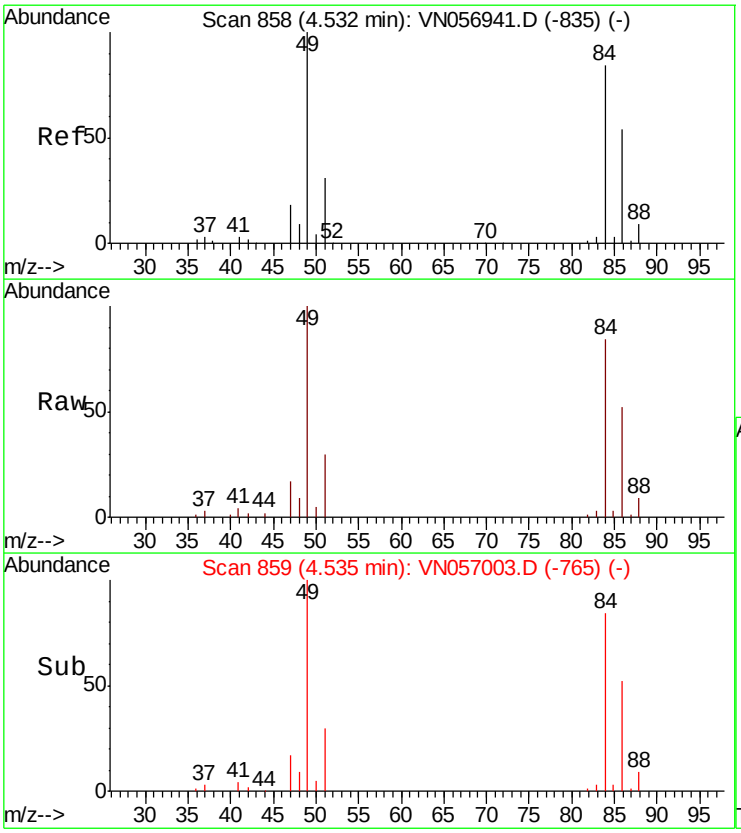
#16
Acetone
Concen: 10.982 ug/l
RT: 3.81 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion: 43 Resp: 25270

Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.2	40.8

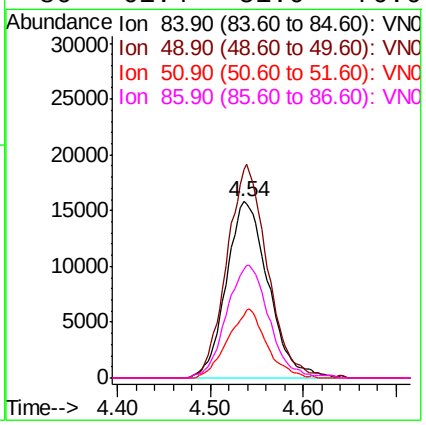


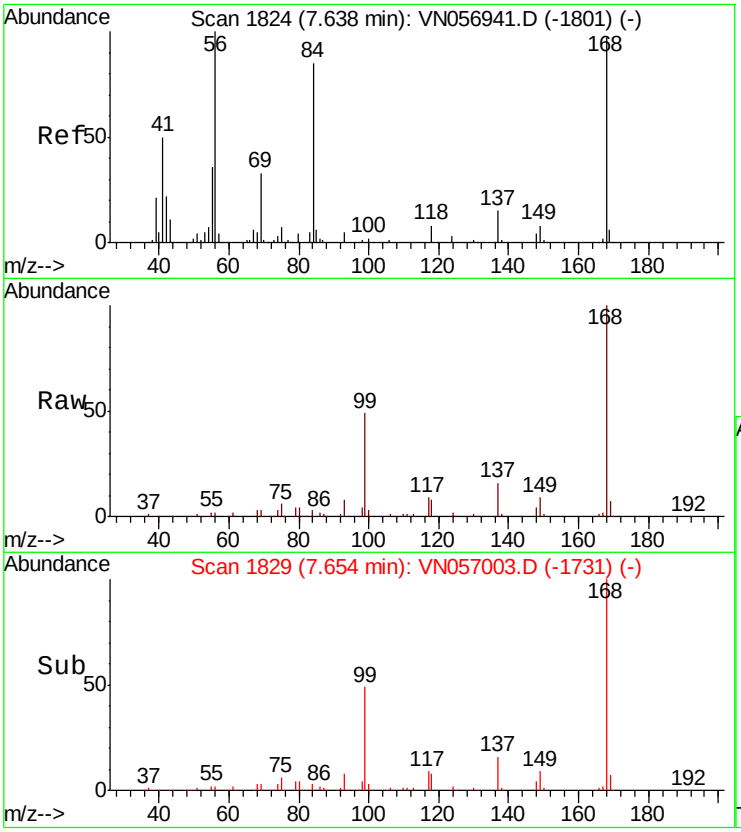


#20
Methylene Chloride
Concen: 7.514 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 84 Resp: 49806

Ion	Ratio	Lower	Upper
84	100		
49	118.5	95.2	142.8
51	35.8	29.7	44.5
86	61.4	51.0	76.6



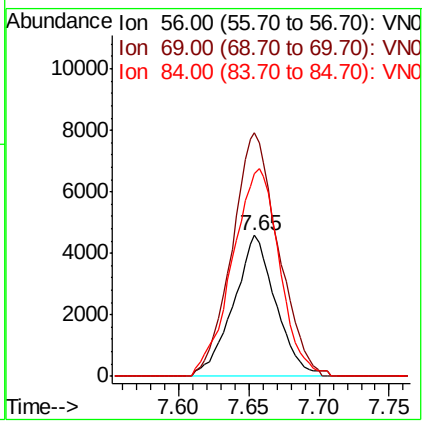


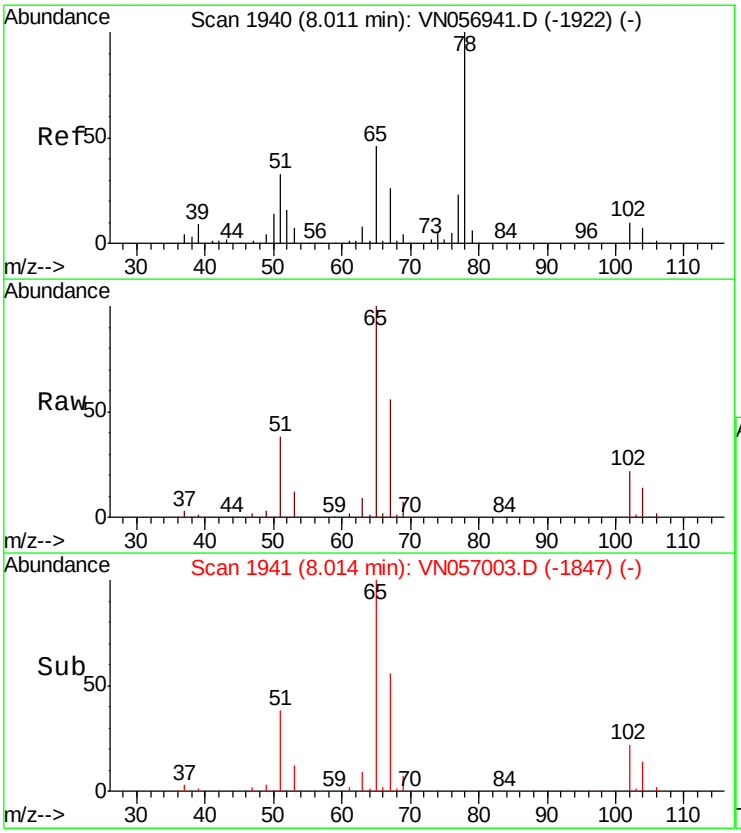
#31
Cyclohexane
Concen: 0.928 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 56 Resp: 9689

Ion	Ratio	Lower	Upper
56	100		
69	172.7	26.2	39.2#
84	144.1	68.2	102.2#

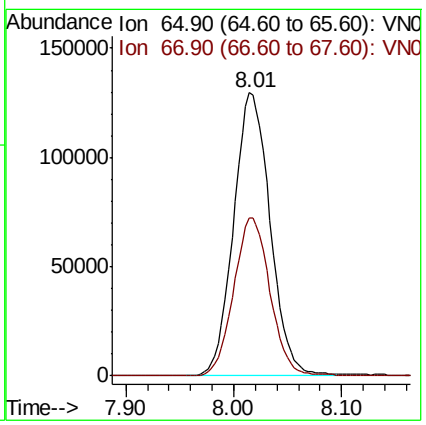


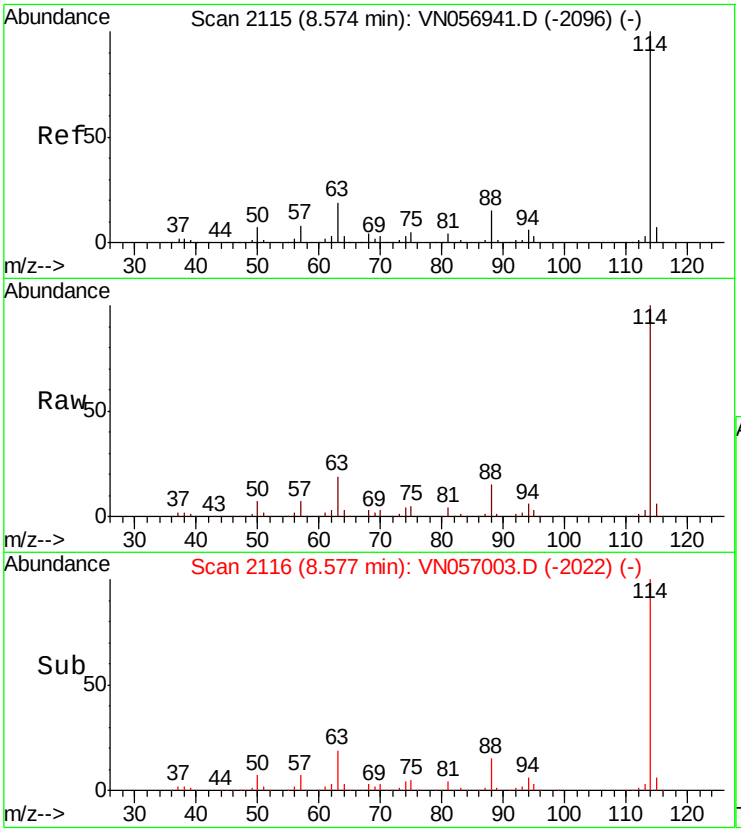


#33
1,2-Dichloroethane-d4
Concen: 48.169 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 65 Resp: 305946

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	112.0



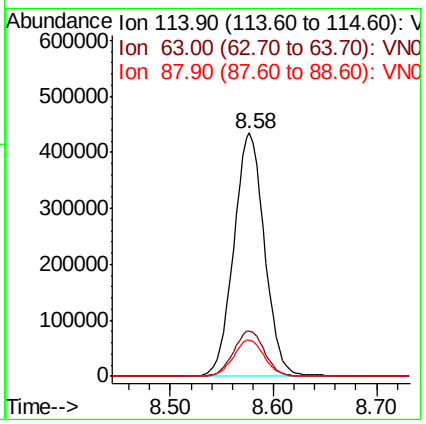


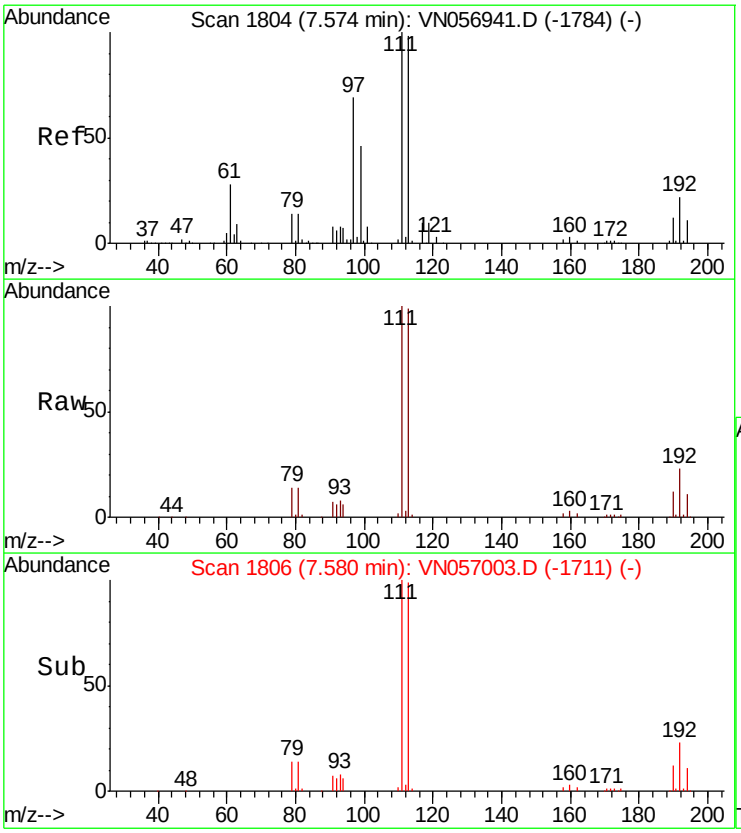
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion:114 Resp: 900141

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.0
88	15.0	0.0	30.0

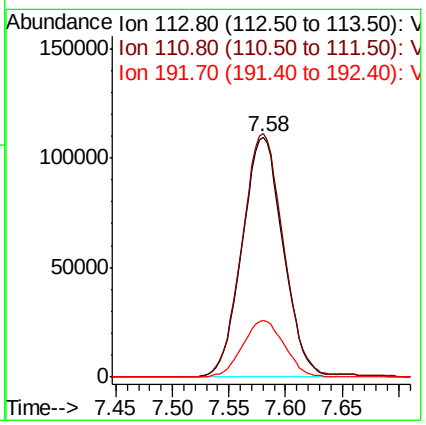


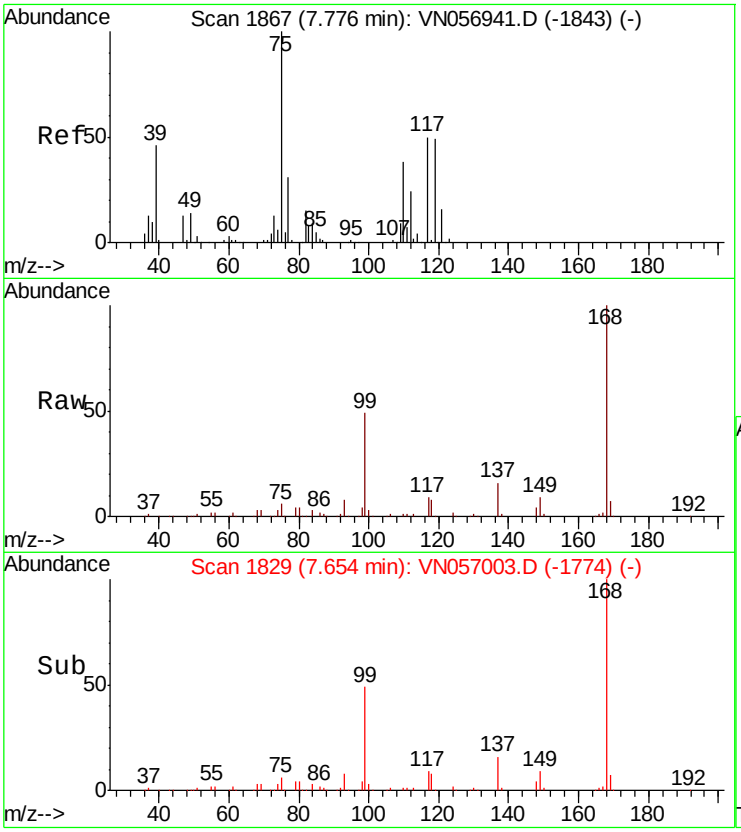


#35
Dibromofluoromethane
Concen: 48.017 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:113 Resp: 276696

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	24.1	18.4	27.6



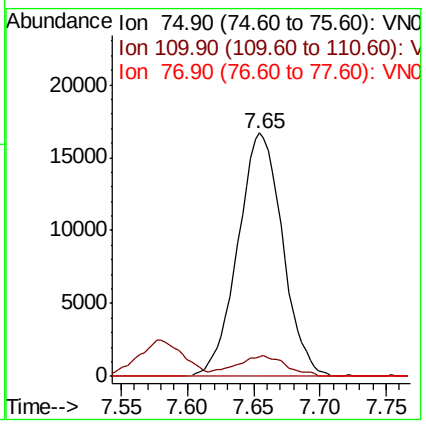


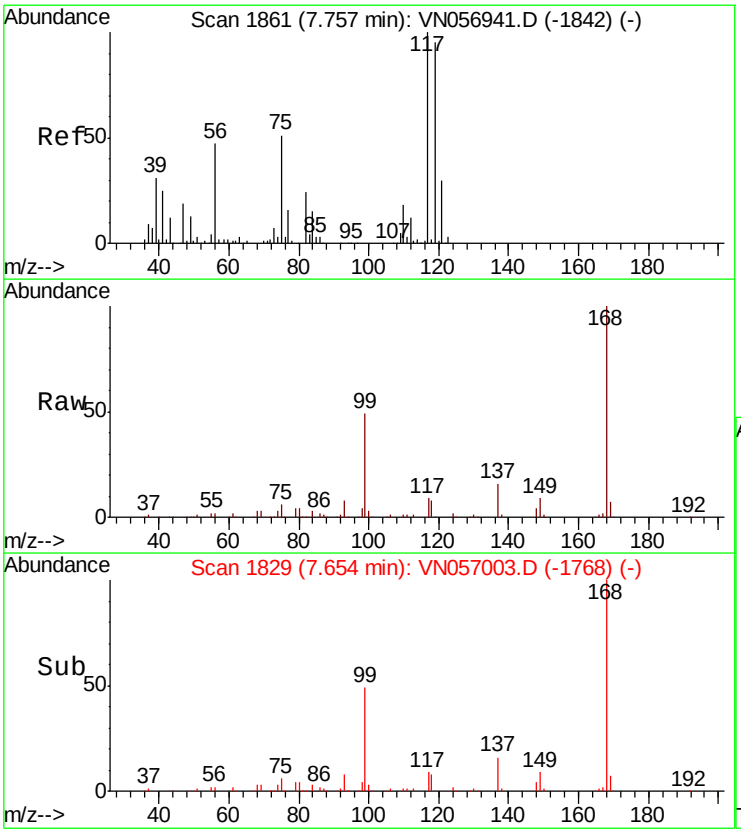
#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion: 75 Resp: 39053

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.6	55.8#
77	0.0	25.2	37.8#

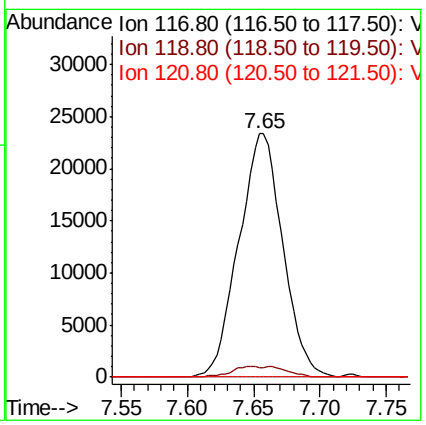


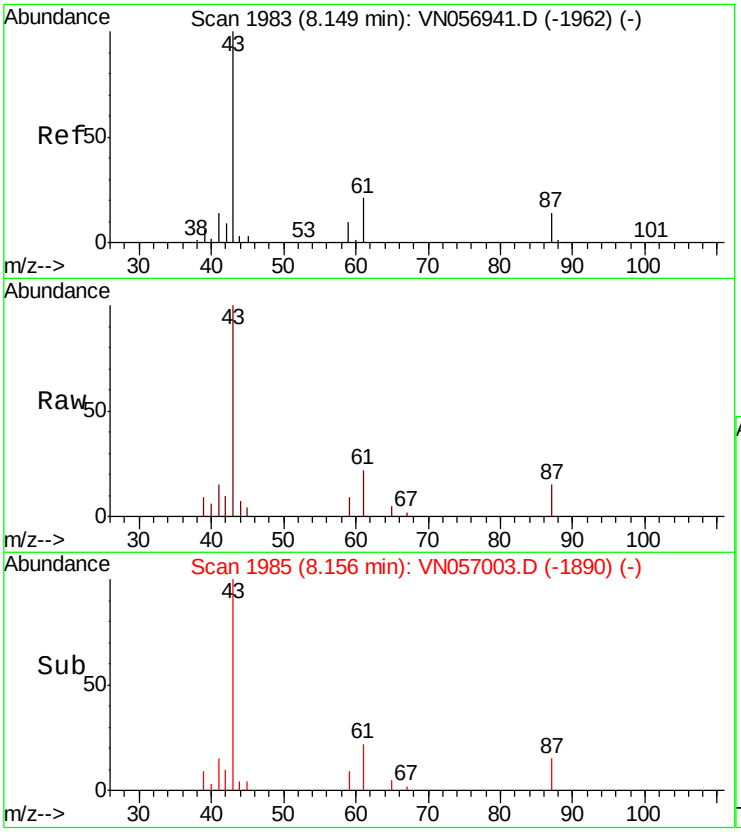


#38
Carbon Tetrachloride
Concen: 7.185 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:117 Resp: 53832

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.3	112.9#
121	0.0	24.2	36.4#



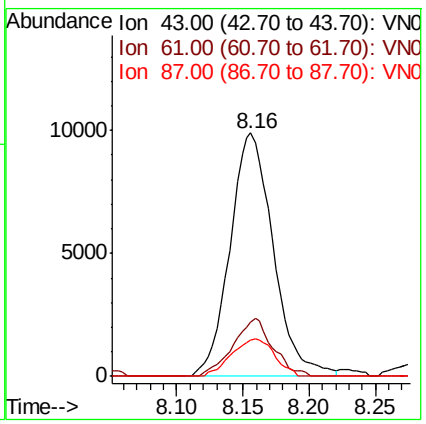


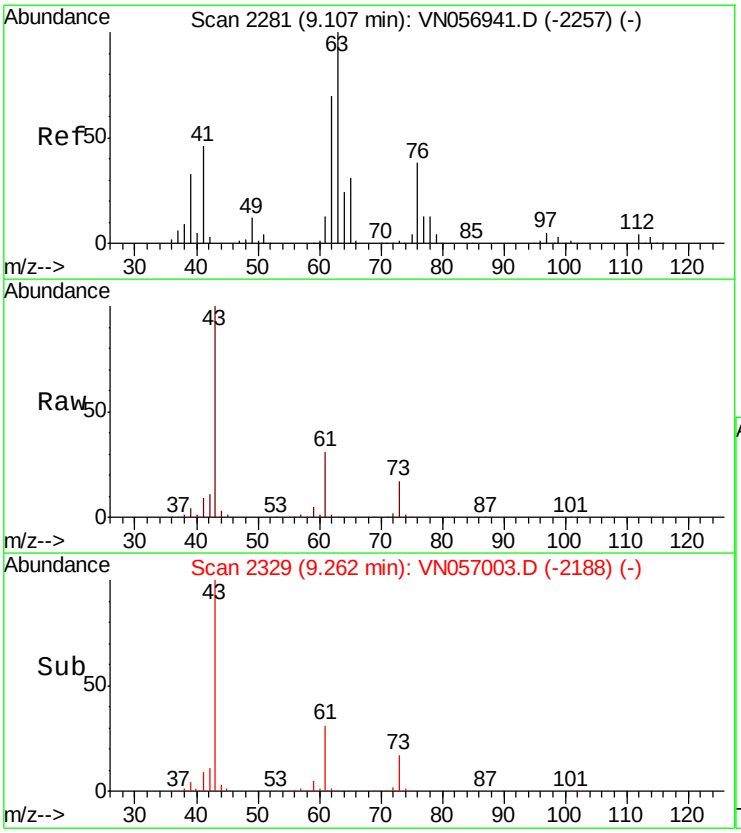
#43
Isopropyl Acetate
Concen: 2.139 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 43 Resp: 22429

Ion	Ratio	Lower	Upper
43	100		
61	21.8	23.0	34.6#
87	15.2	11.7	17.5

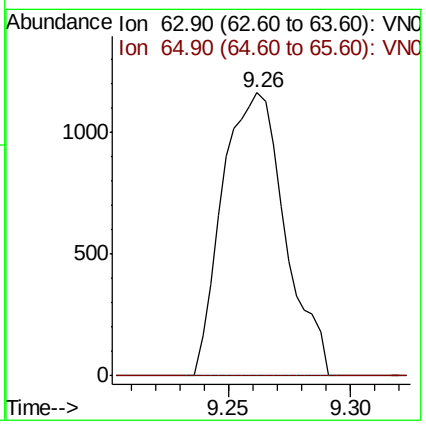


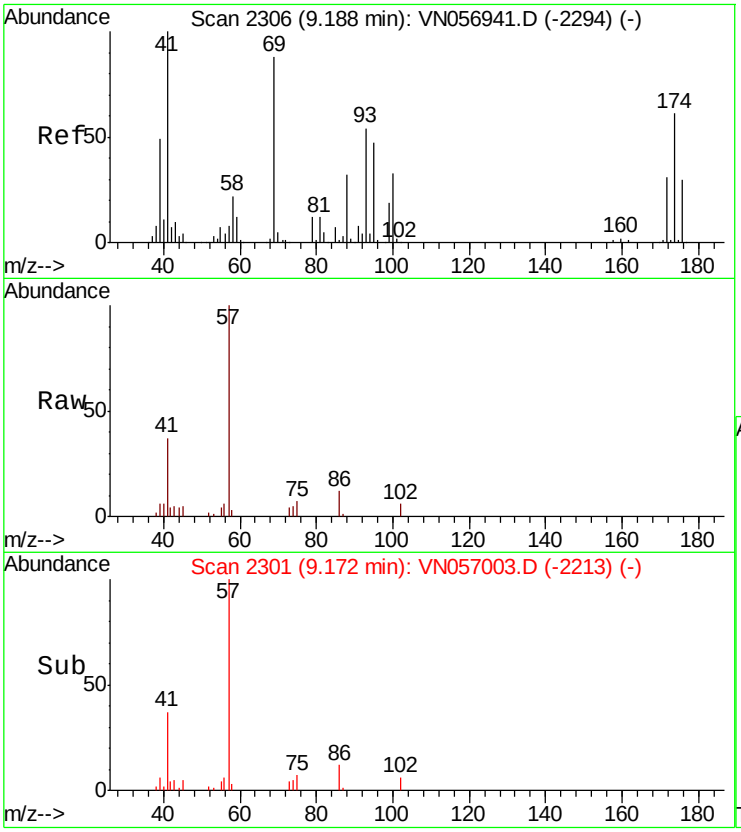


#45
1,2-Dichloropropane
Concen: 0.316 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 63 Resp: 2062

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.8	37.2#



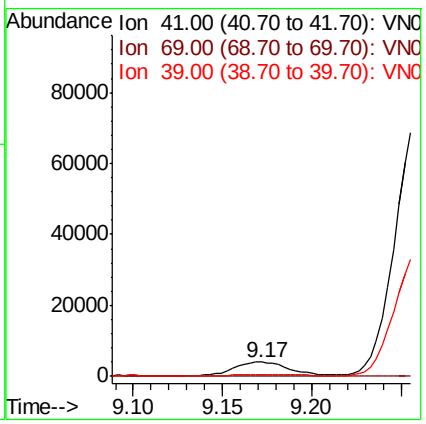


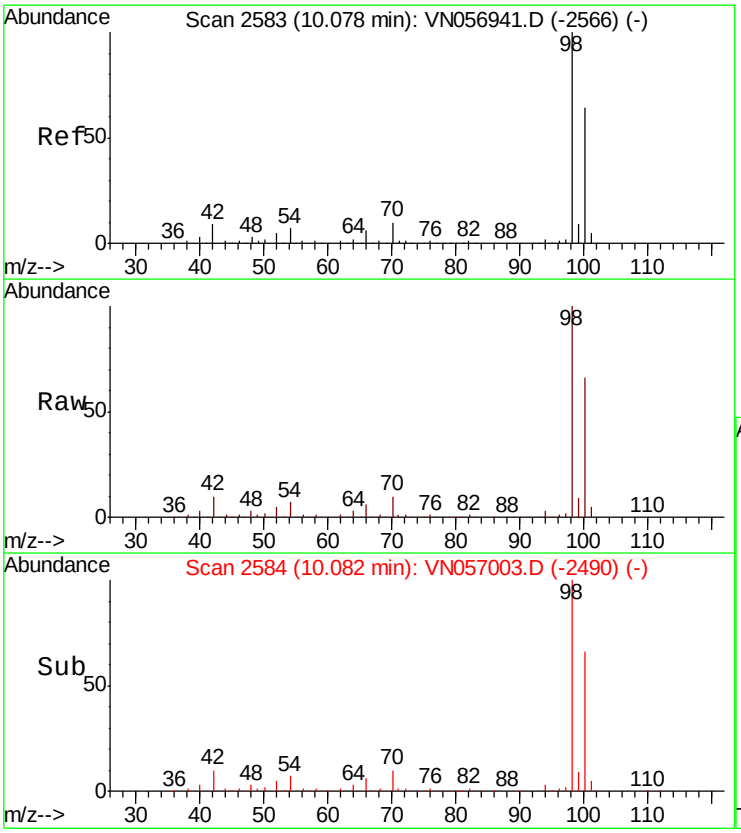
#48
Methyl methacrylate
Concen: 1.787 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion: 41 Resp: 9045

Ion	Ratio	Lower	Upper
41	100		
69	0.3	73.4	110.0#
39	0.0	39.9	59.9#

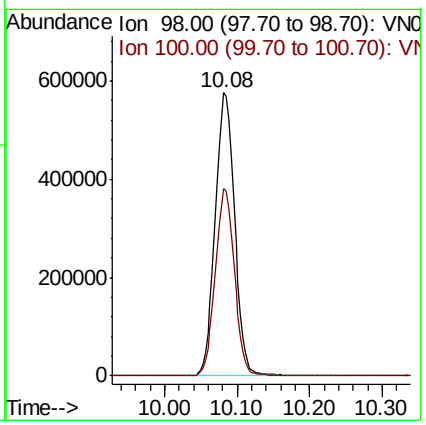


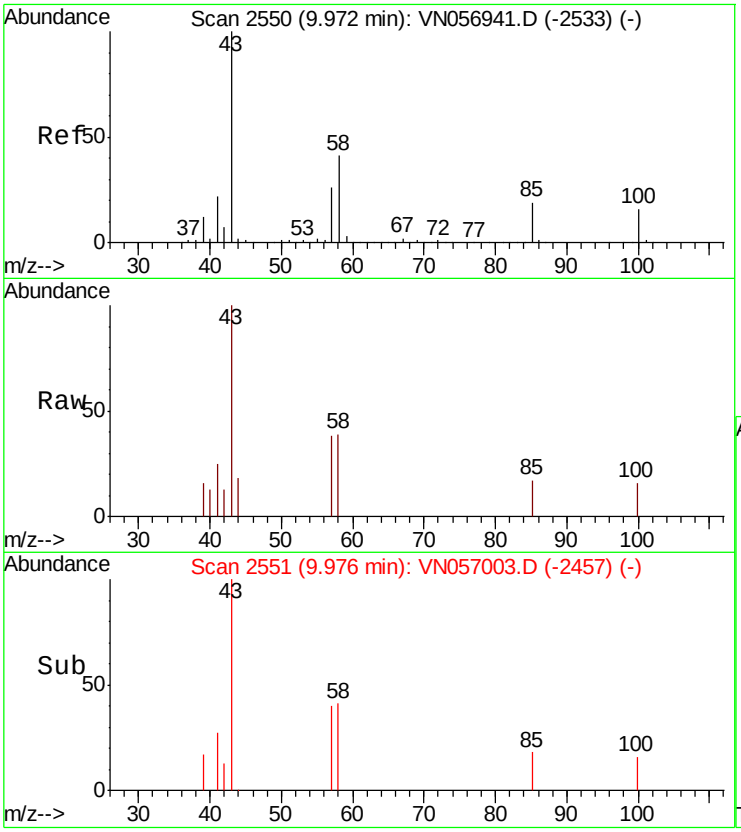


#50
Toluene-d8
Concen: 48.872 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 98 Resp: 1073945

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.3	76.9



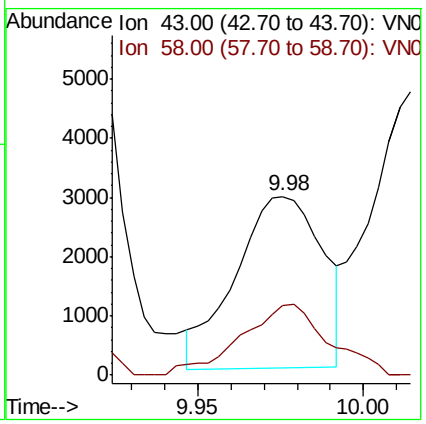


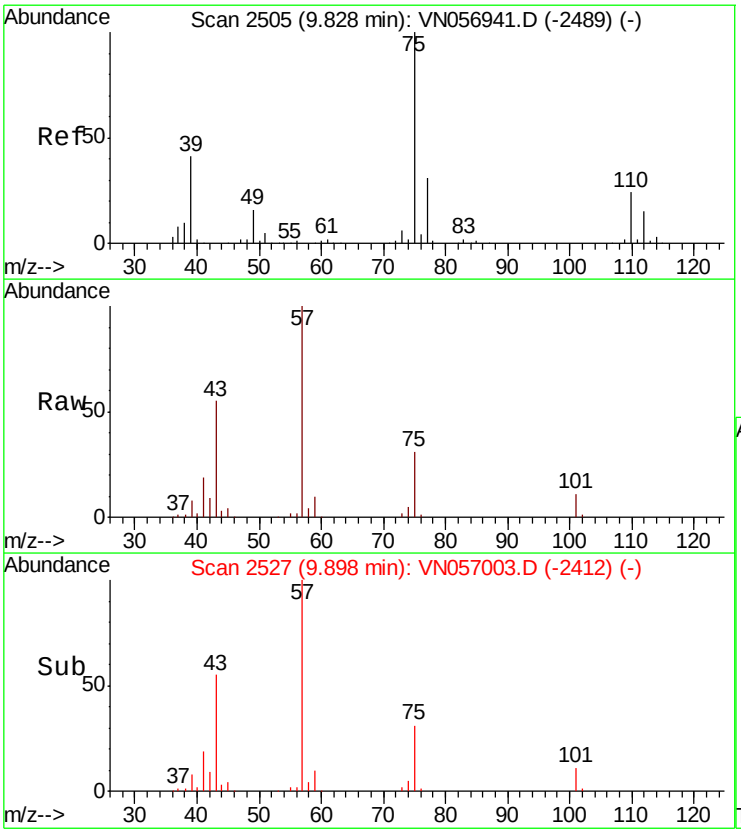
#51
4-Methyl-2-Pentanone
Concen: 0.855 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 43 Resp: 5325

Ion	Ratio	Lower	Upper
43	100		
58	41.4	33.1	49.7

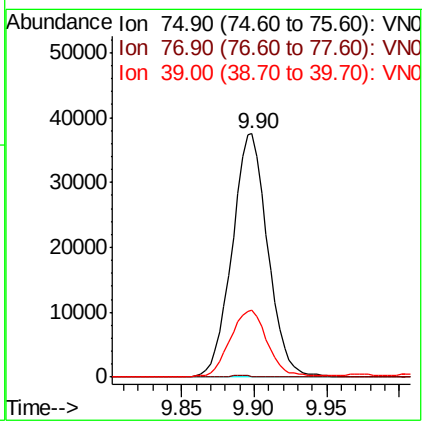


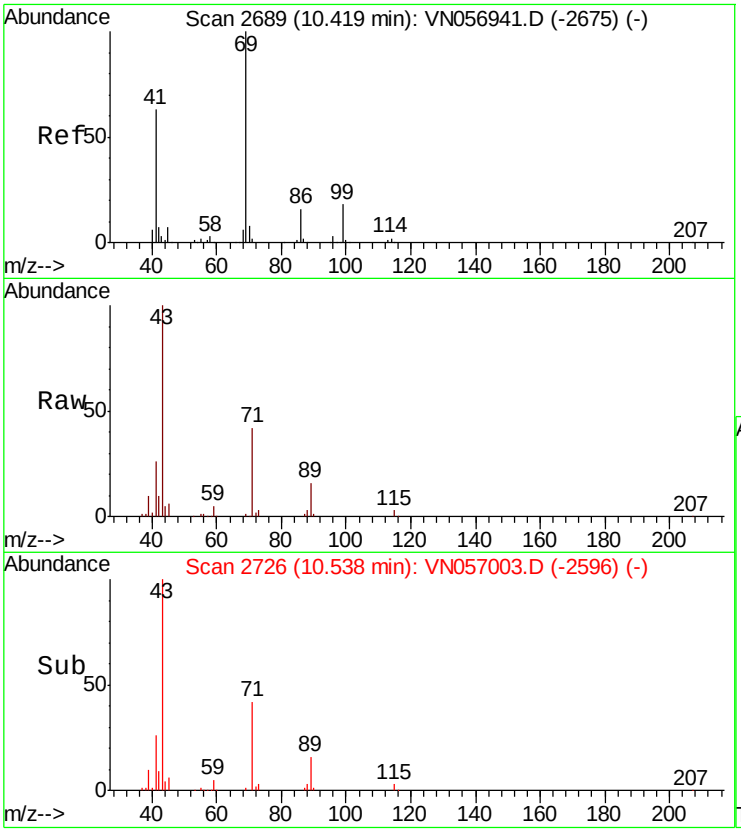


#54
cis-1,3-Dichloropropene
Concen: 6.853 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 75 Resp: 63975

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	27.3	32.6	49.0#



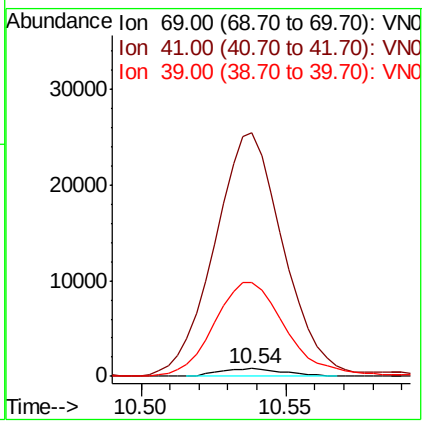


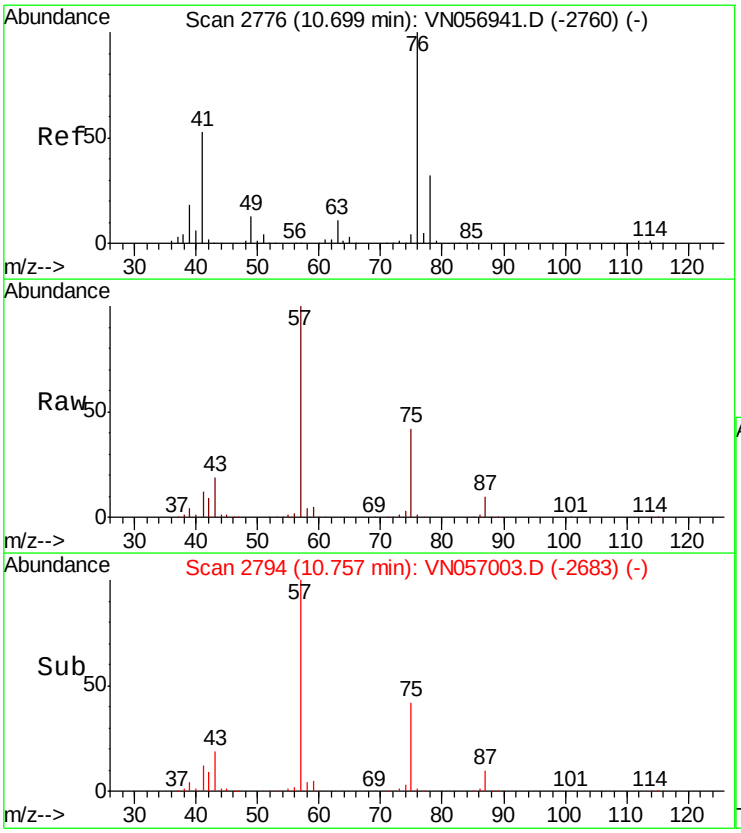
#56
Ethyl methacrylate
Concen: 1.891 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.12 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 69 Resp: 1201

Ion	Ratio	Lower	Upper
69	100		
41	3532.6	49.2	73.8#
39	1406.4	23.1	34.7#

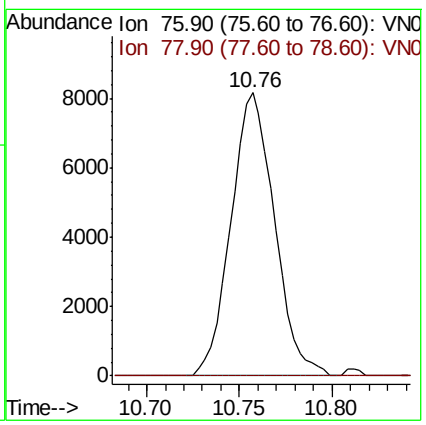


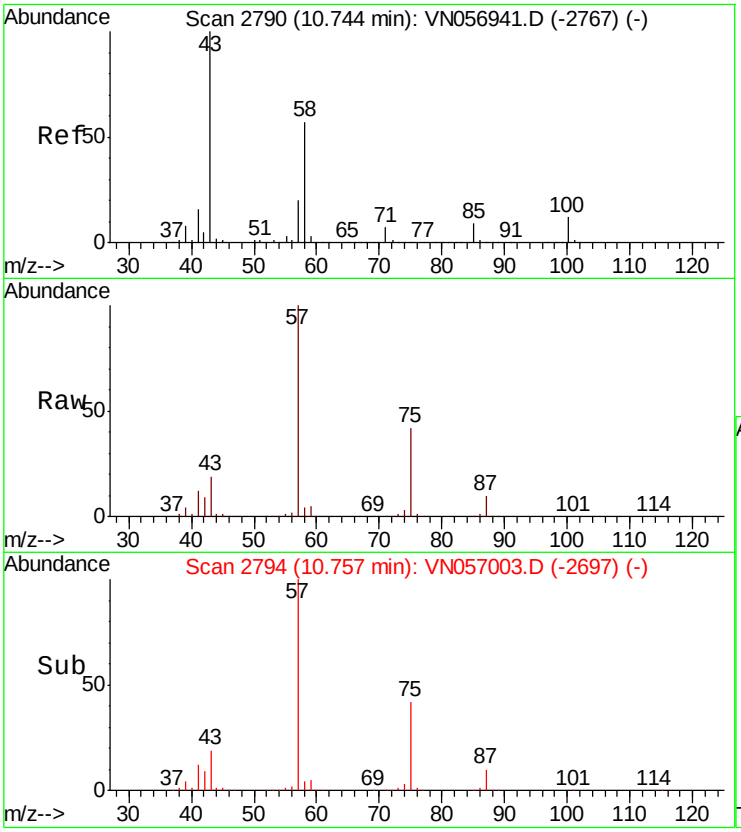


#57
1,3-Dichloropropane
Concen: 1.367 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.06 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 76 Resp: 13323

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#



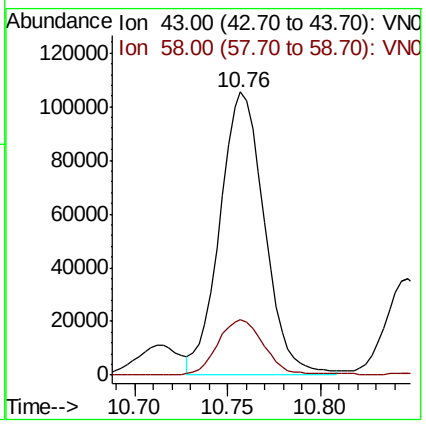


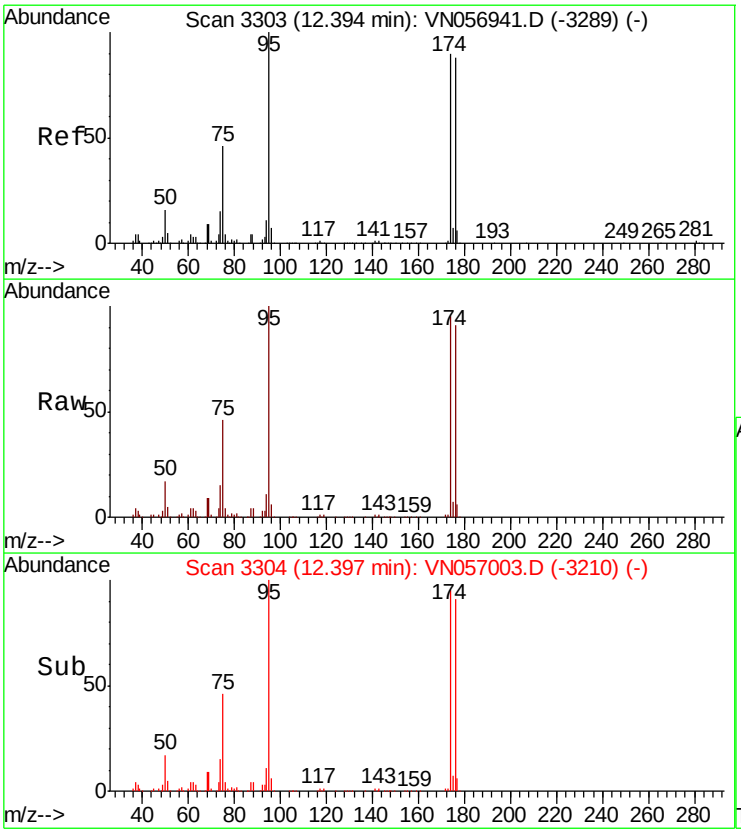
#59
2-Hexanone
Concen: 38.850 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 43 Resp: 176153

Ion	Ratio	Lower	Upper
43	100		
58	20.4	28.5	85.5#

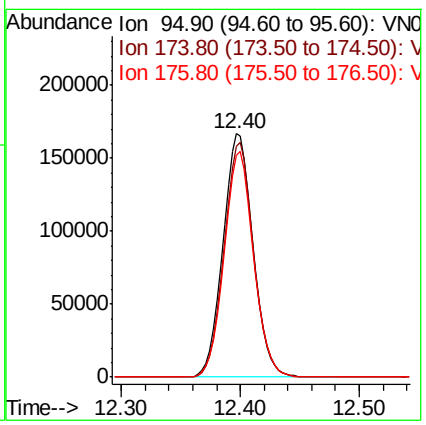


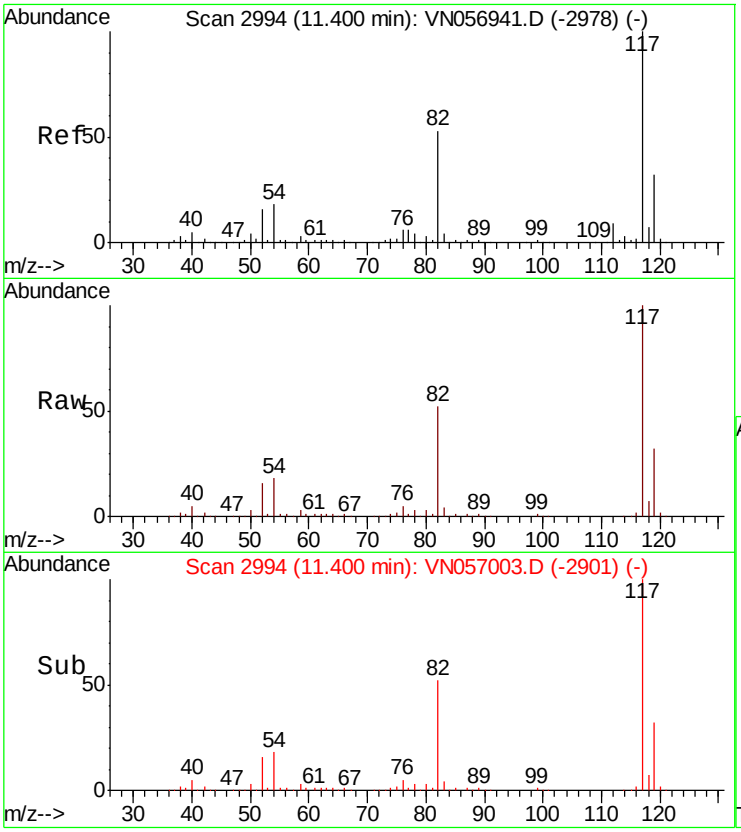


#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 95 Resp: 290807

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	182.2
176	91.0	0.0	179.4



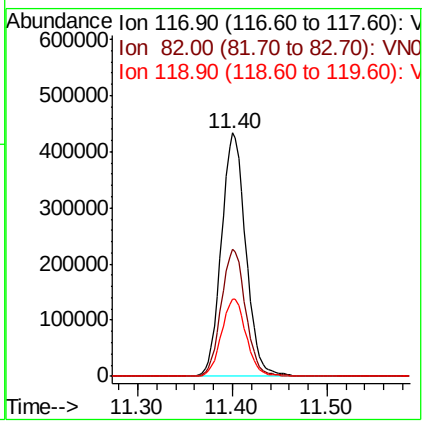


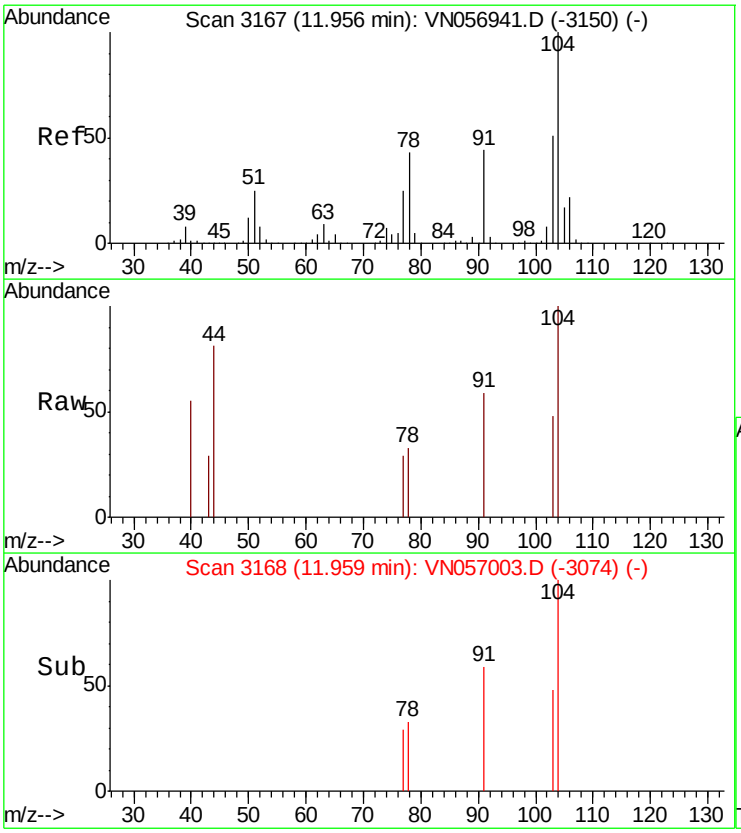
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion:117 Resp: 776473

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.4
119	31.9	25.8	38.6

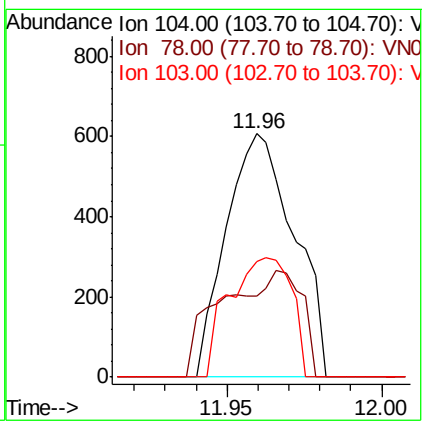


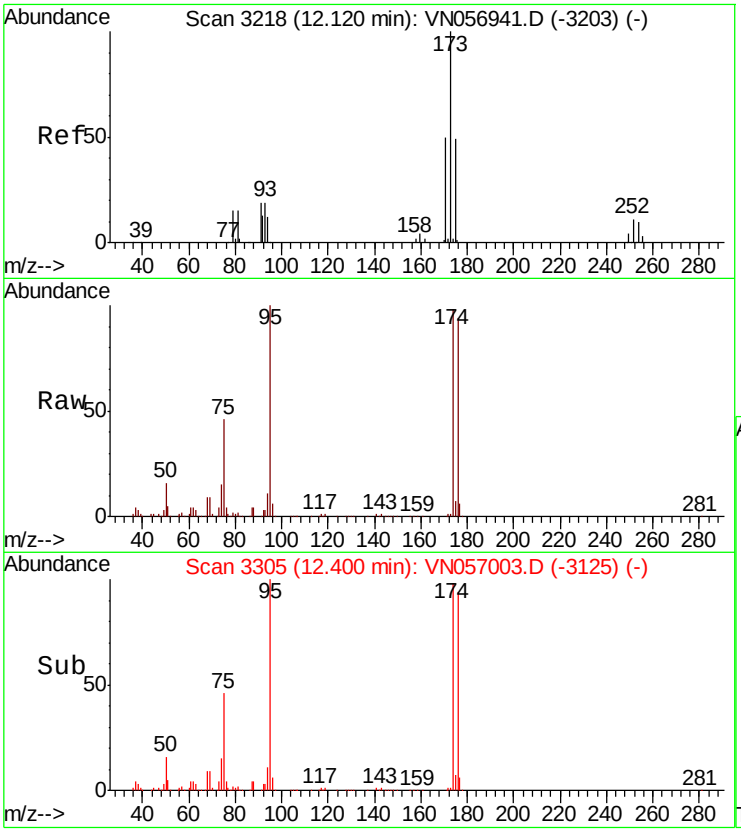


#70
Styrene
Concen: 1.918 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:104 Resp: 928

Ion	Ratio	Lower	Upper
104	100		
78	51.7	38.1	57.1
103	45.4	44.3	66.5



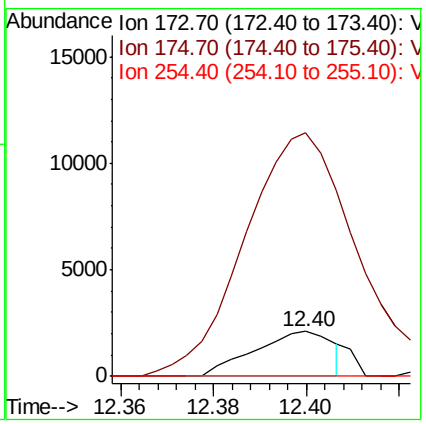


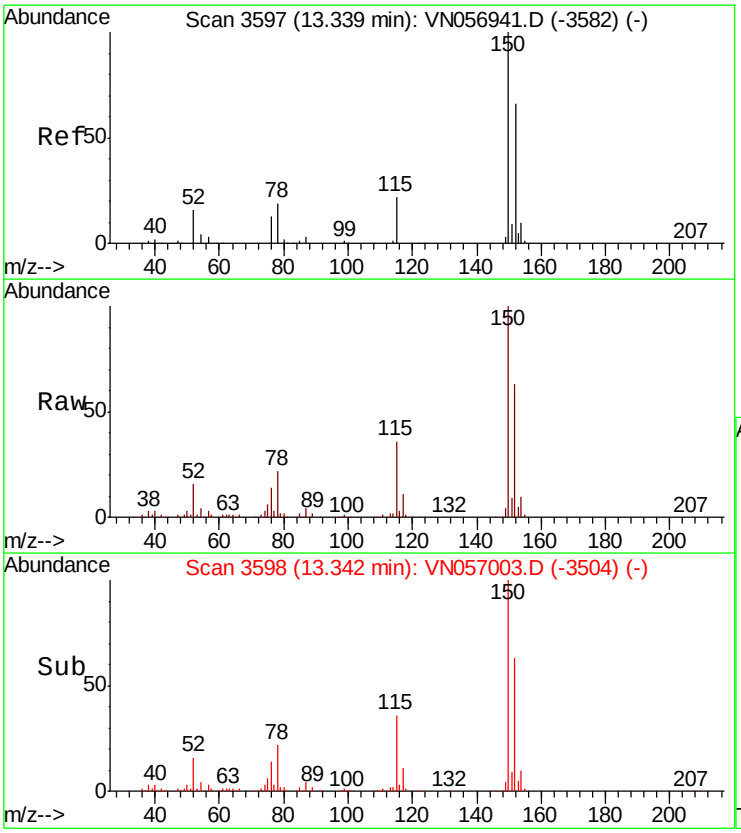
#71
Bromoform
Concen: 0.594 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion:173 Resp: 2471

Ion	Ratio	Lower	Upper
173	100		
175	611.3	24.1	72.4#
254	0.0	0.1	0.1#

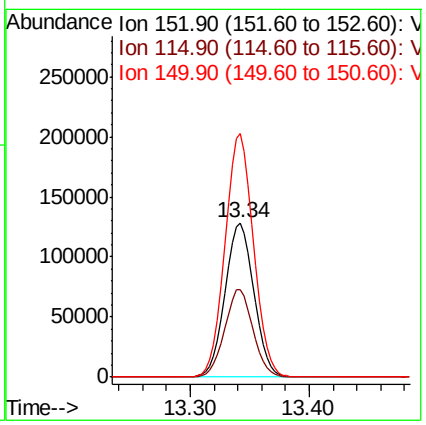


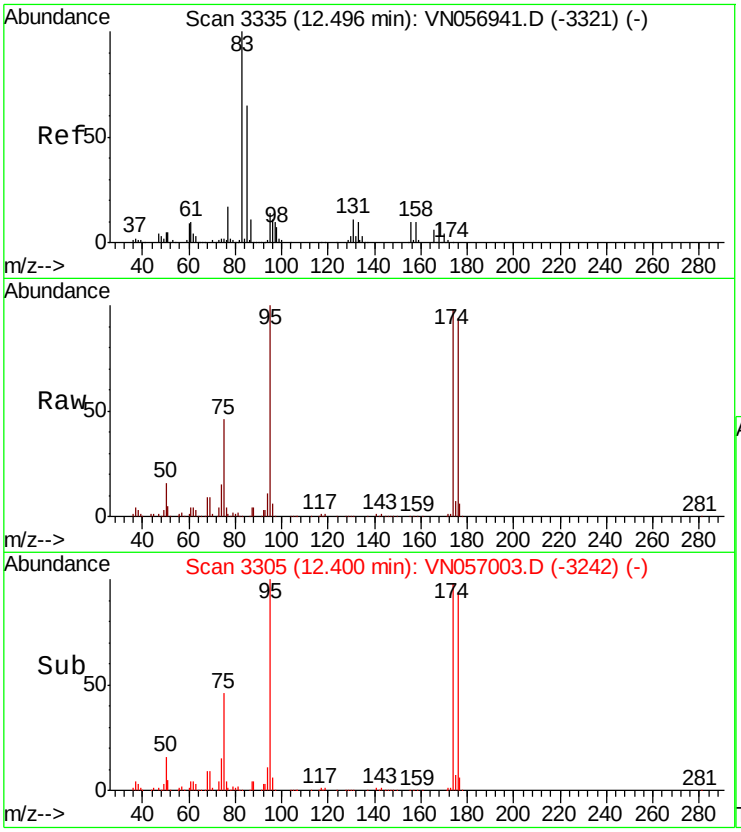


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:152 Resp: 215276

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.6
150	155.9	0.0	349.4



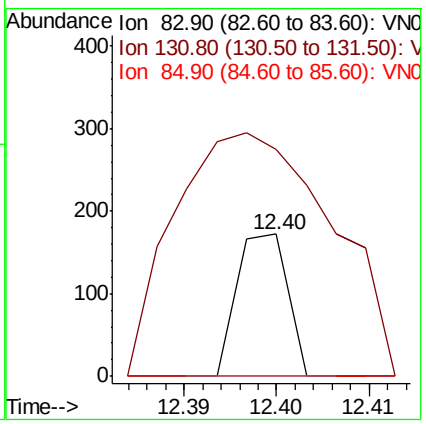


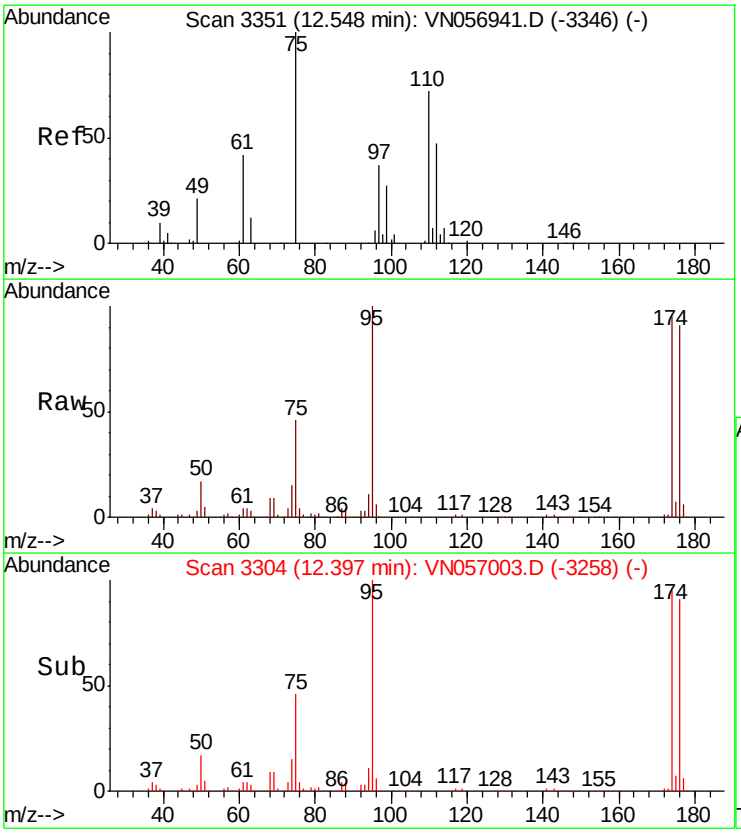
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3305
Delta R.T. -0.10 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion: 83 Resp: 65

Ion	Ratio	Lower	Upper
83	100		
131	533.8	5.3	16.1#
85	0.0	32.5	97.4#

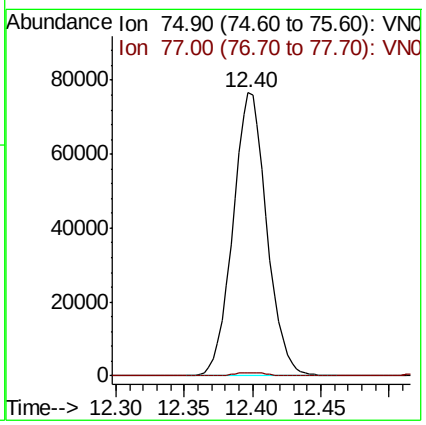


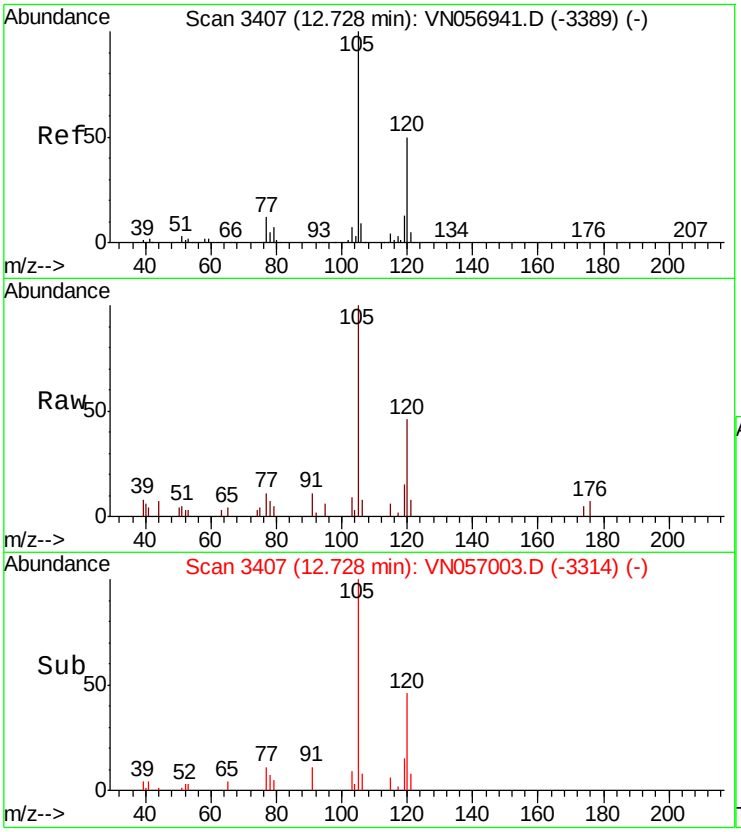


#76
1,2,3-Trichloropropane
Concen: 30.119 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 75 Resp: 131677

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



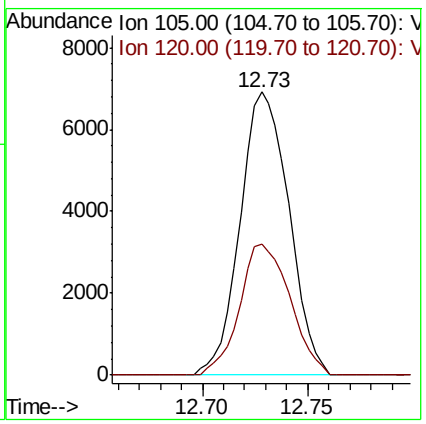


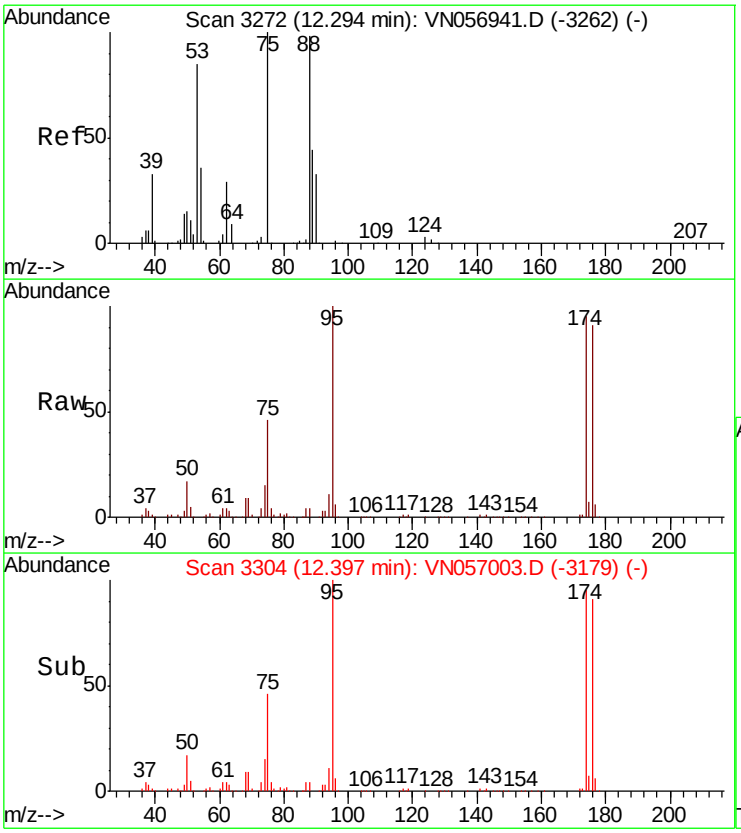
#80
1,3,5-Trimethylbenzene
Concen: 0.729 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion:105 Resp: 11138

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.8	74.3

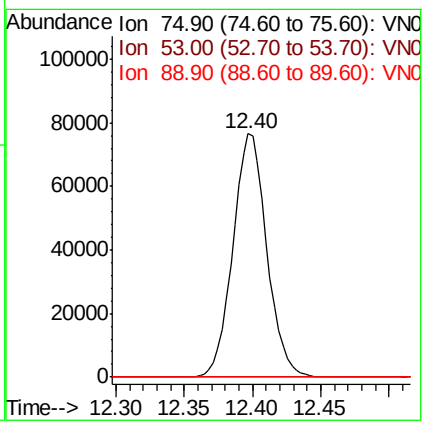


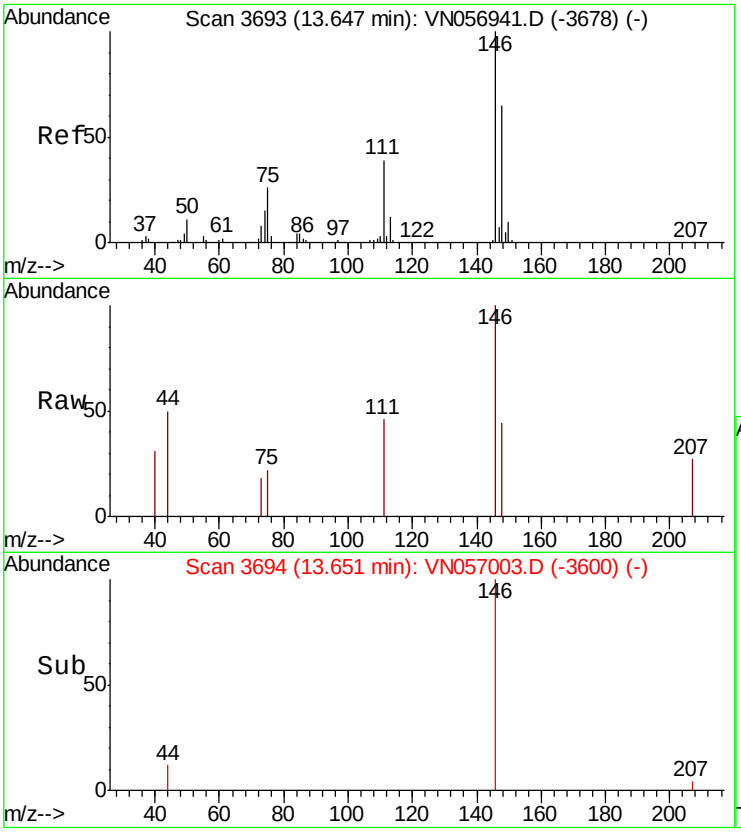


#81
trans-1,4-Dichloro-2-butene
Concen: 96.771 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion: 75 Resp: 131677

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.3	103.9#
89	0.0	35.8	53.6#



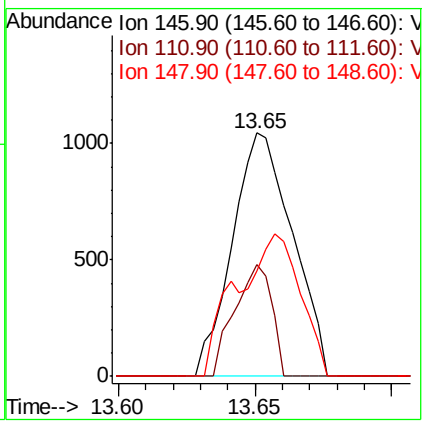


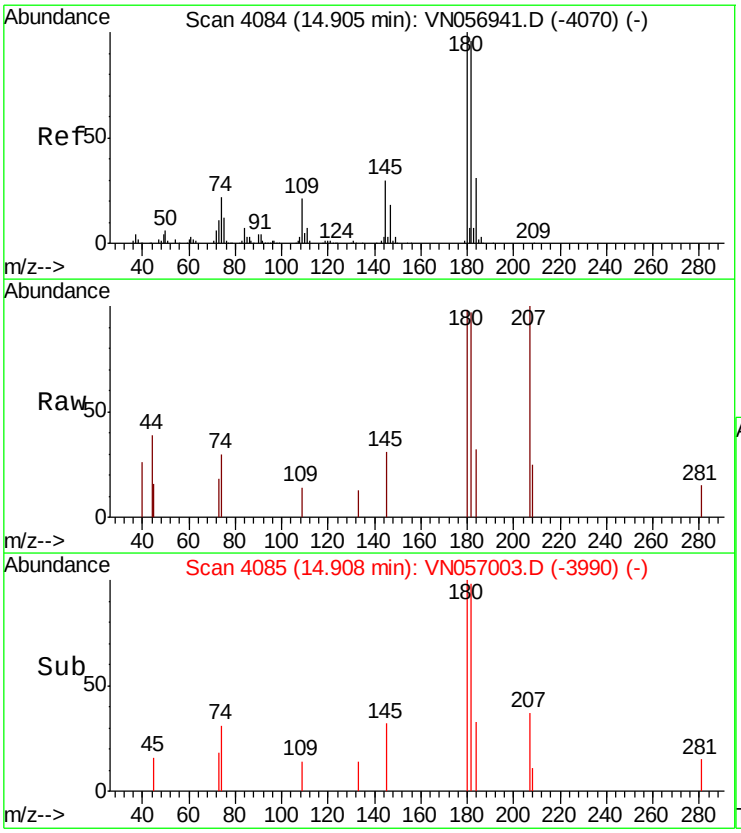
#91
1,2-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion:146 Resp: 1601

Ion	Ratio	Lower	Upper
146	100		
111	28.2	19.4	58.4
148	61.9	32.2	96.6

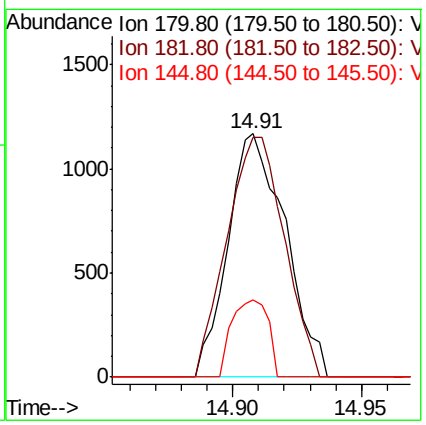


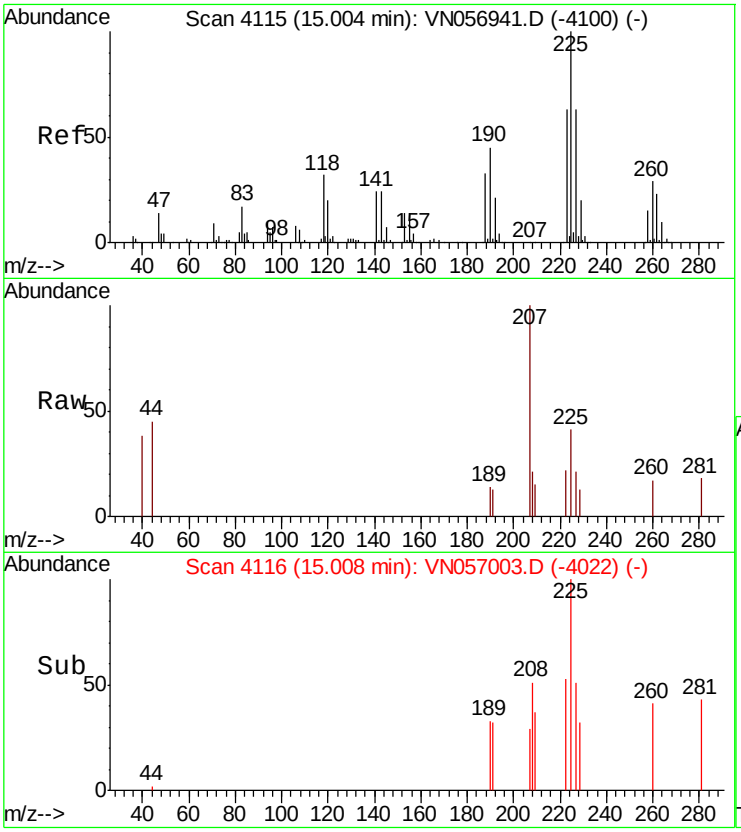


#93
1,2,4-Trichlorobenzene
Concen: 3.168 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:180 Resp: 1811

Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.6	142.8
145	20.1	14.2	42.8



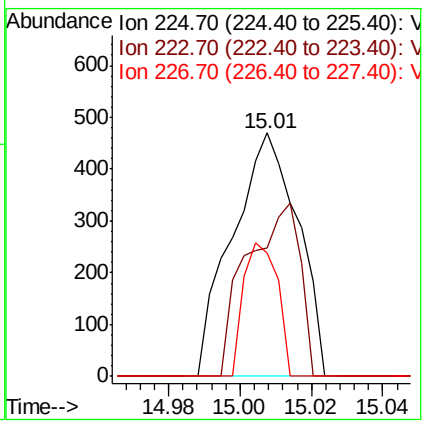


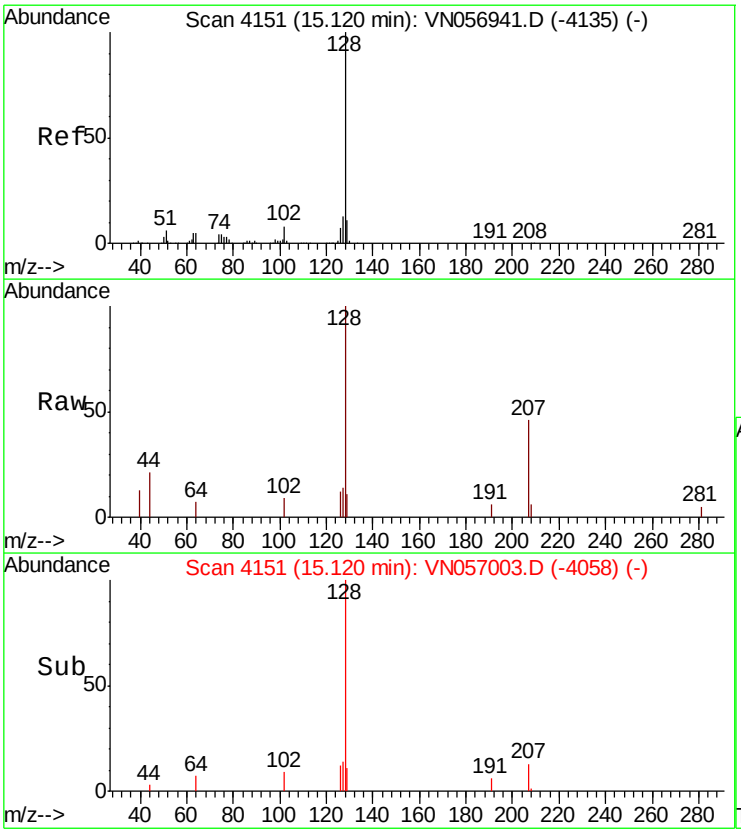
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument : MSVOA_N
ClientSampleId : PB121844TB

Tgt Ion:225 Resp: 593

Ion	Ratio	Lower	Upper
225	100		
223	57.7	30.8	92.4
227	28.5	31.1	93.5#

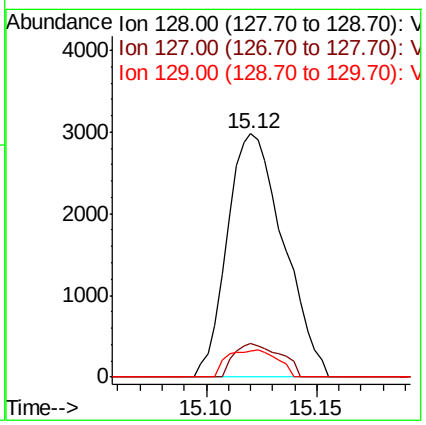


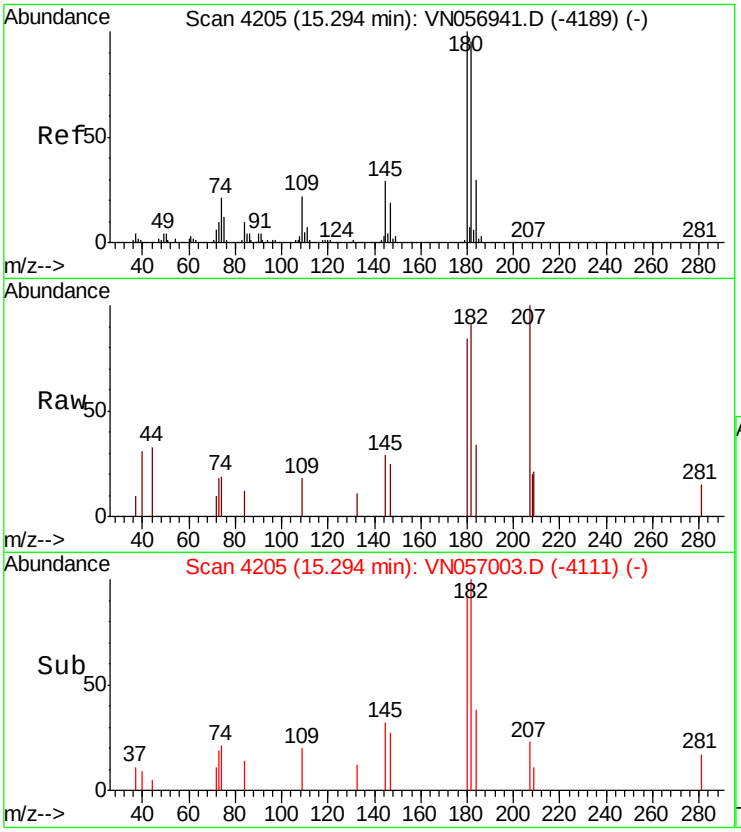


#95
Naphthalene
Concen: 4.122 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Tgt Ion:128 Resp: 5266

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.0	15.0
129	9.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 2.660 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN057003.D
Acq: 31 Jul 2019 10:48

Instrument :
MSVOA_N
ClientSampleId :
PB121844TB

Tgt Ion:180 Resp: 2412

Ion	Ratio	Lower	Upper
180	100		
182	101.8	48.0	144.2
145	21.7	15.0	45.0