Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\

Quantitation Report (Not Reviewed)

Data File : VN057767.D
Acq On : 7 Sep 2019 20:15
Operator : JC/SP
Sample : K4601-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : T12-E1-(0)

Quant Time: Sep 08 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	196597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	318709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	297643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	235770	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
35) Dibromofluoromethane	7.57	113	146146	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.68%			
50) Toluene-d8	10.08	98	543874	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	12.40	95	202037	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.60%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	491	Below Cal	#	42
13) Acrolein	3.85	56	68	0.263	ug/l #	15
16) Acetone	3.80	43	14683	9.976	ug/l	94
18) Methyl Acetate	4.31	43	3331	0.832	ug/l #	67
20) Methylene Chloride	4.52	84	5406	1.699	ug/l	96
25) 2-Butanone	6.82	43	1288	0.611	ug/l #	55
31) Cyclohexane	7.65	56	6252	1.165	ug/l #	41
36) 1,1-Dichloropropene	7.65	75	19331	4.559	ug/l #	52
38) Carbon Tetrachloride	7.65	117	21614	5.324	ug/l #	17
43) Isopropyl Acetate	8.15	43	58773	7.274	ug/l	98
45) 1,2-Dichloropropane	9.26	63	1007	0.300	ug/l #	44
48) Methyl methacrylate	9.17	41	4127	0.993	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	4760	1.061	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	21592	4.357	ug/l #	69
56) Ethyl methacrylate	10.54	69	1052	0.225	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	3357	0.639	ug/l #	43
59) 2-Hexanone	10.76	43	62622	19.792	ug/l #	59
71) Bromoform	12.40	173	1019	3.714	ug/l #	1
74) N-amyl acetate	12.03	43	3170	0.468	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	122469	34.789	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	122469	108.195	ug/l #	1

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

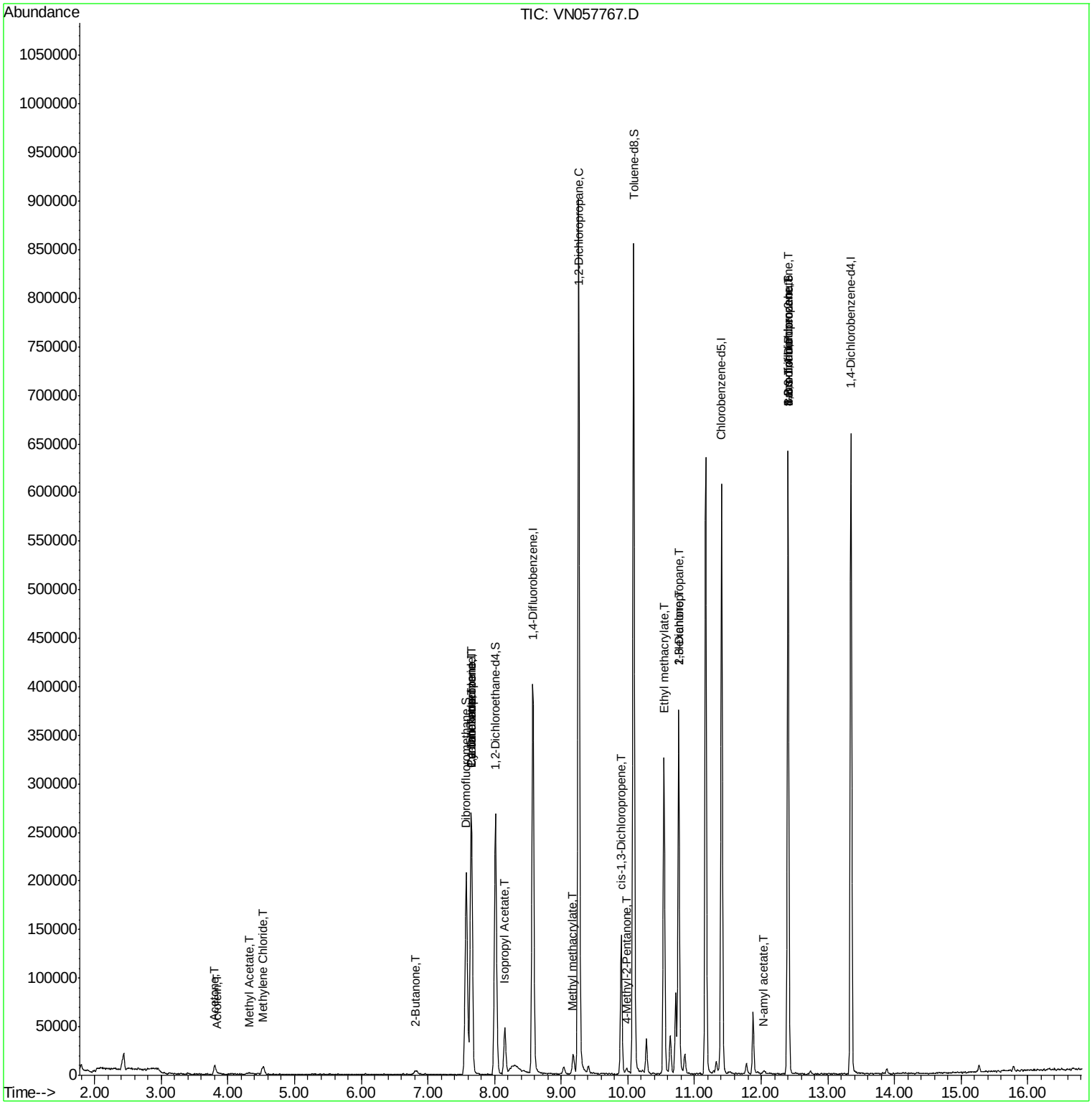
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\

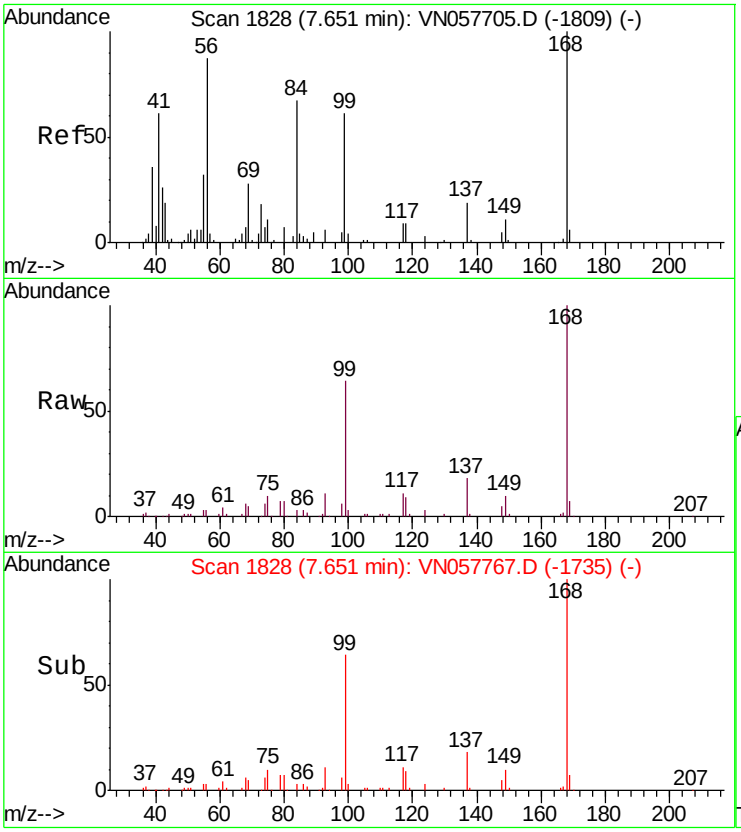
Quantitation Report (Not Reviewed)

Data File : VN057767.D
Acq On : 7 Sep 2019 20:15
Operator : JC/SP
Sample : K4601-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Quant Time: Sep 08 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration



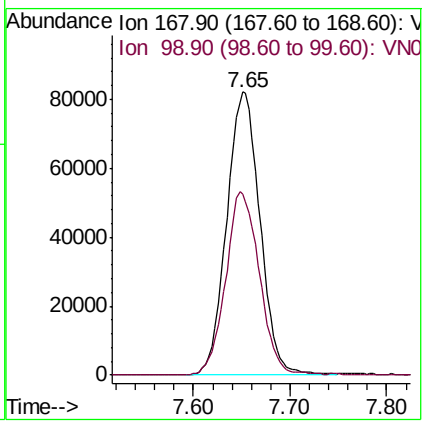


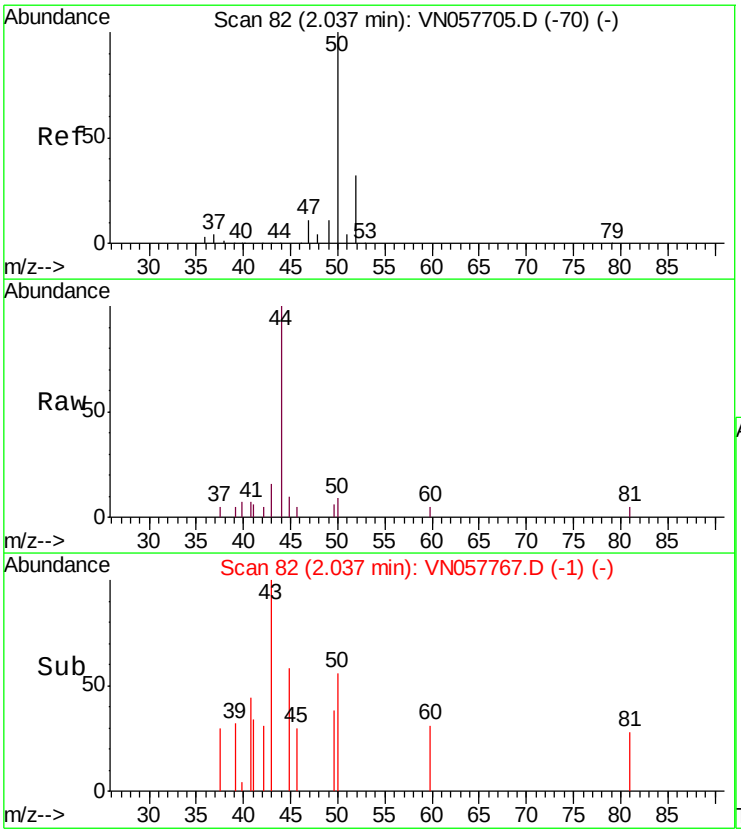
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion:168 Resp: 196597

Ion	Ratio	Lower	Upper
168	100		
99	64.1	57.4	86.0

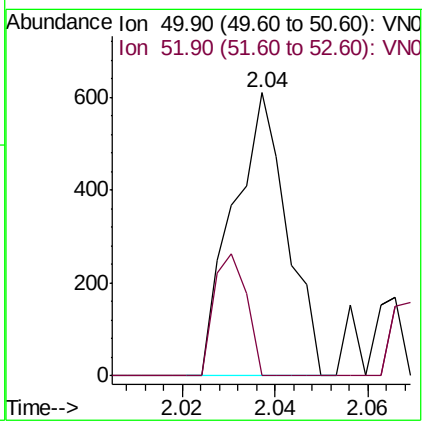


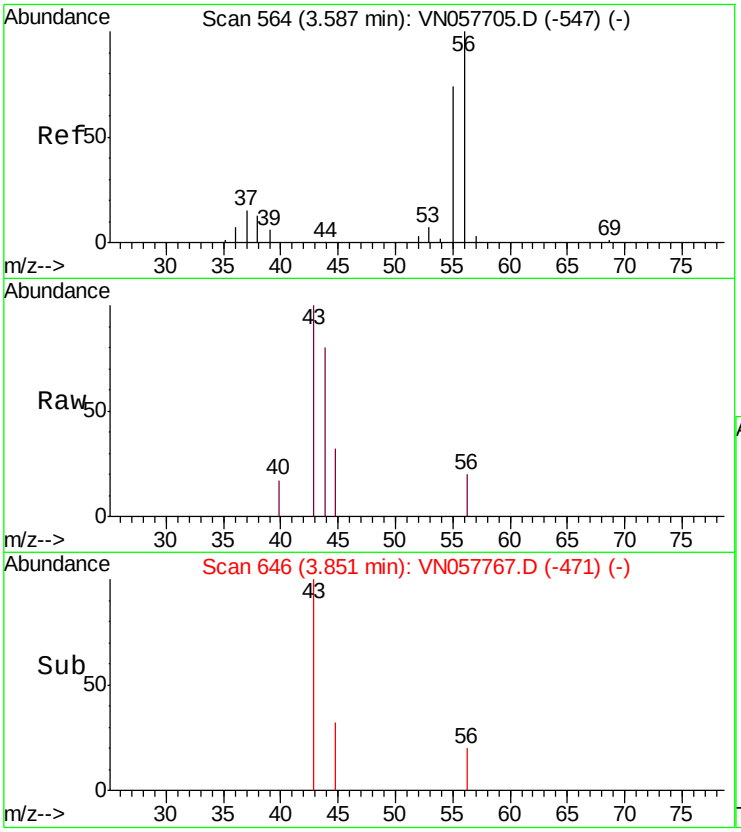


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 50 Resp: 491

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.0	39.0#



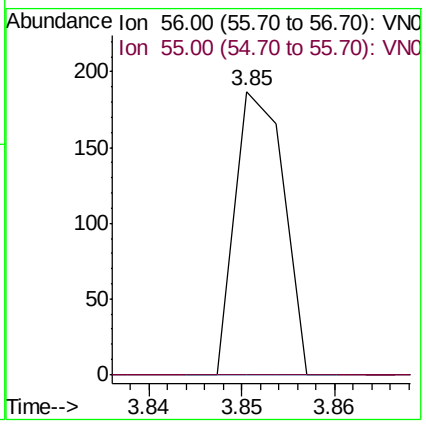


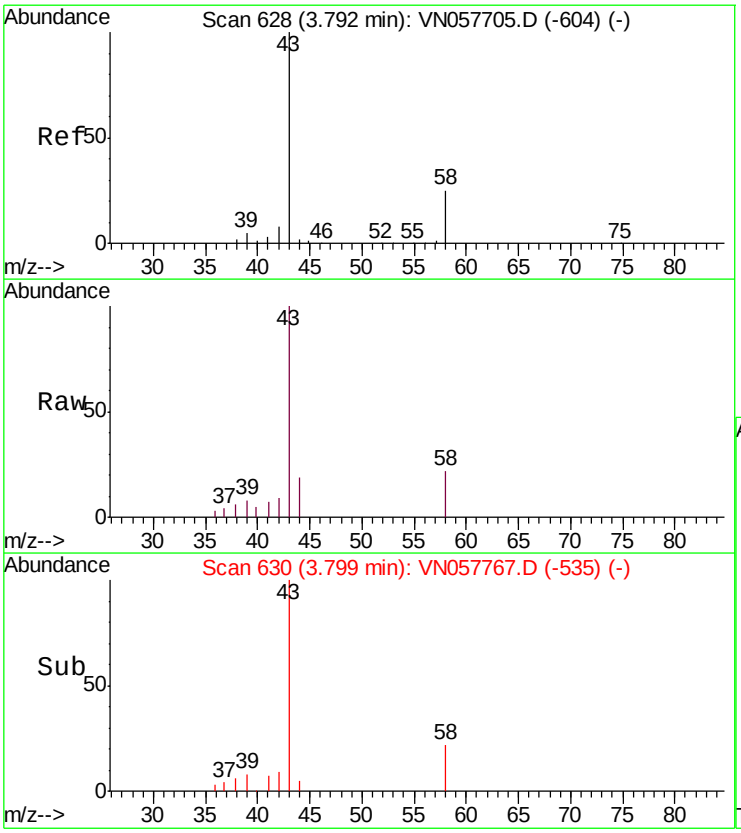
#13
Acrolein
Concen: 0.263 ug/l
RT: 3.85 min Scan# 646
Delta R.T. 0.26 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#

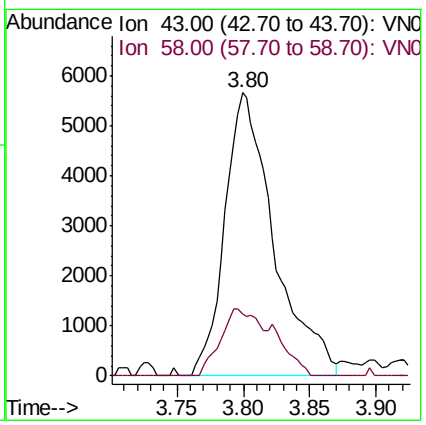


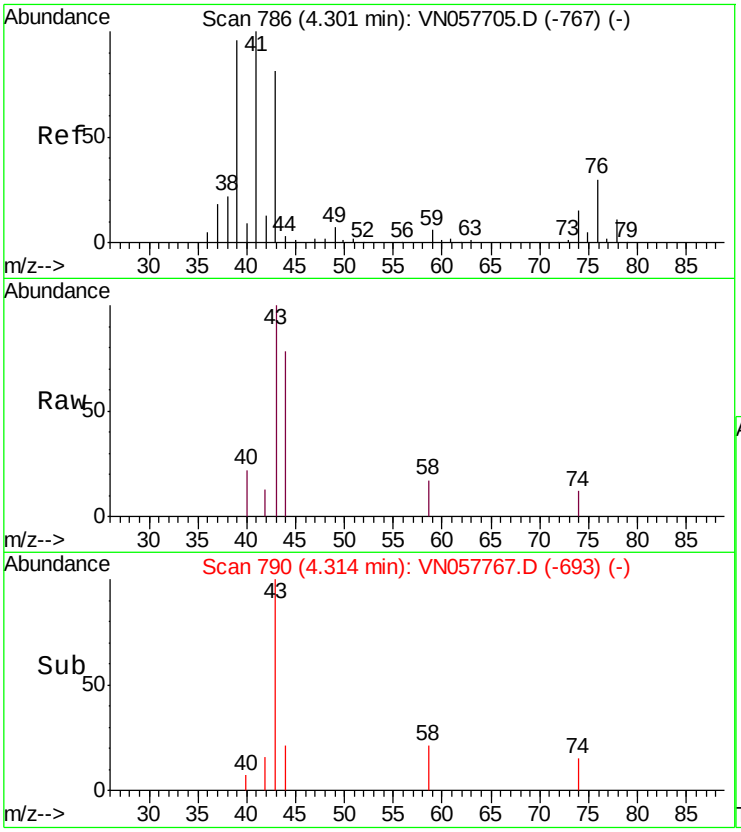


#16
Acetone
Concen: 9.976 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 43 Resp: 14683

Ion	Ratio	Lower	Upper
43	100		
58	21.8	19.8	29.8



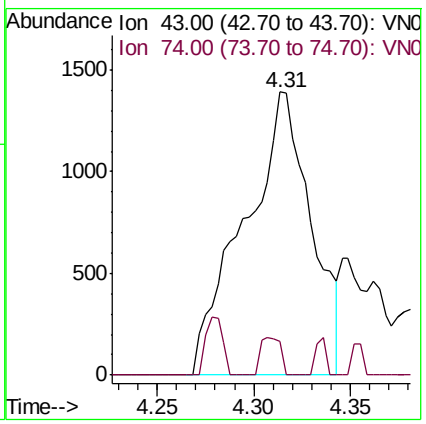


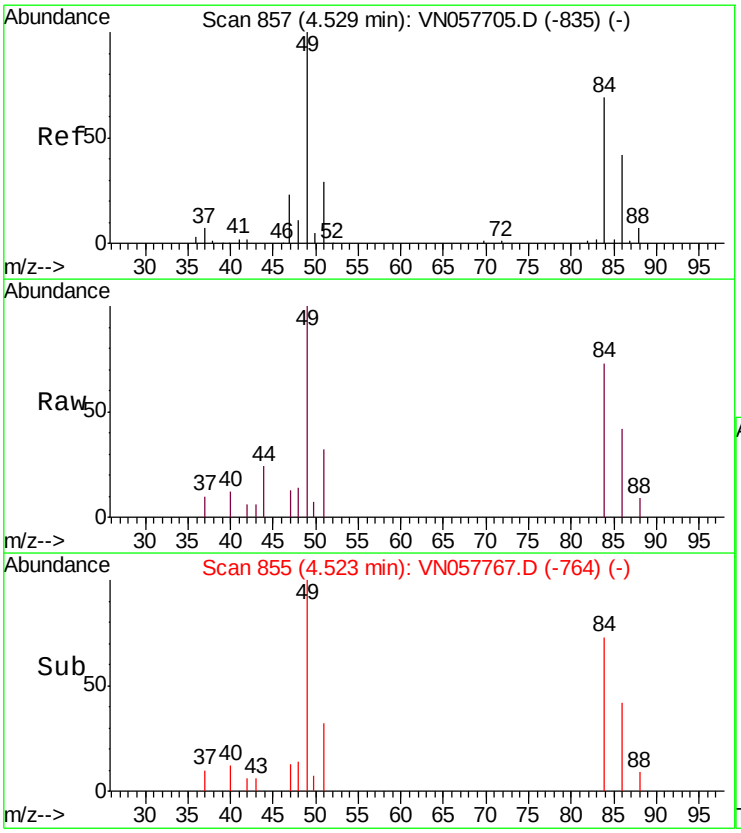
#18
Methyl Acetate
Concen: 0.832 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument : MSVOA_N
ClientSampleId : T12-E1-(0)

Tgt Ion: 43 Resp: 3331

Ion	Ratio	Lower	Upper
43	100		
74	4.1	15.3	22.9#

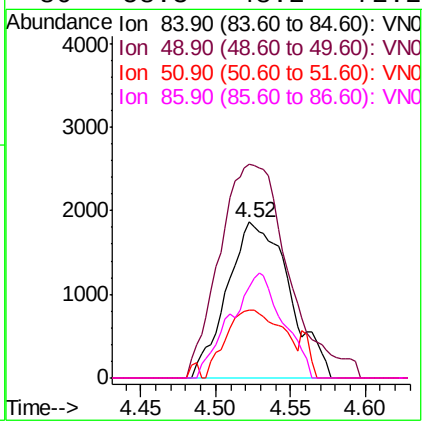


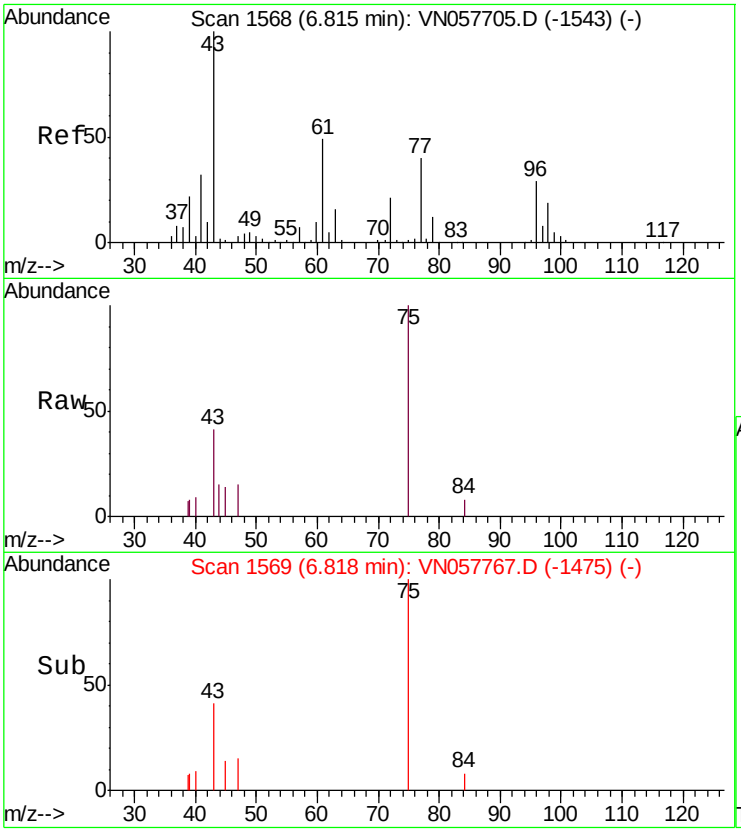


#20
Methylene Chloride
Concen: 1.699 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 84 Resp: 5406

Ion	Ratio	Lower	Upper
84	100		
49	137.2	115.0	172.6
51	43.9	33.8	50.8
86	58.3	48.2	72.2



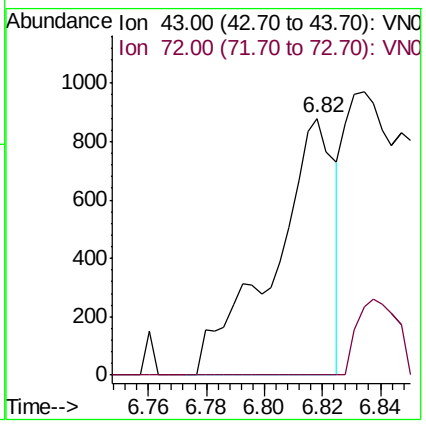


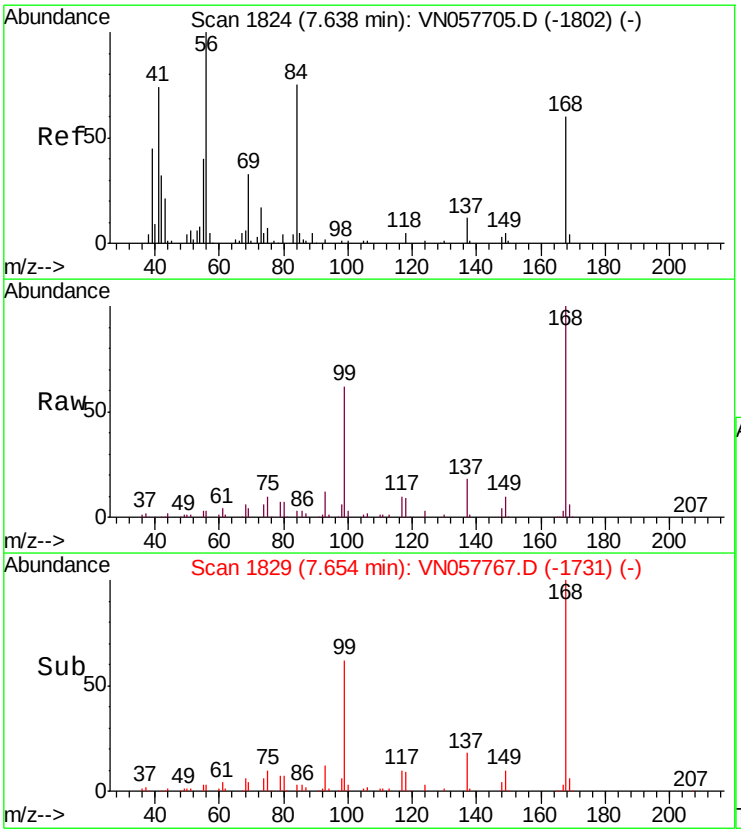
#25
2-Butanone
Concen: 0.611 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 43 Resp: 1288

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#

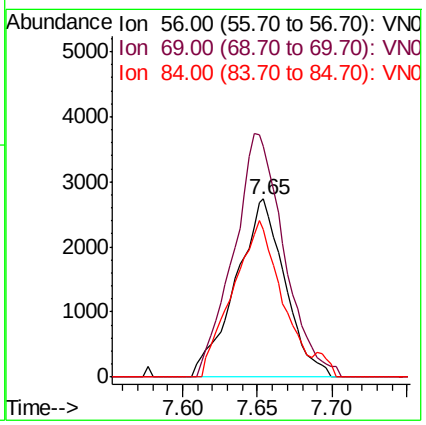


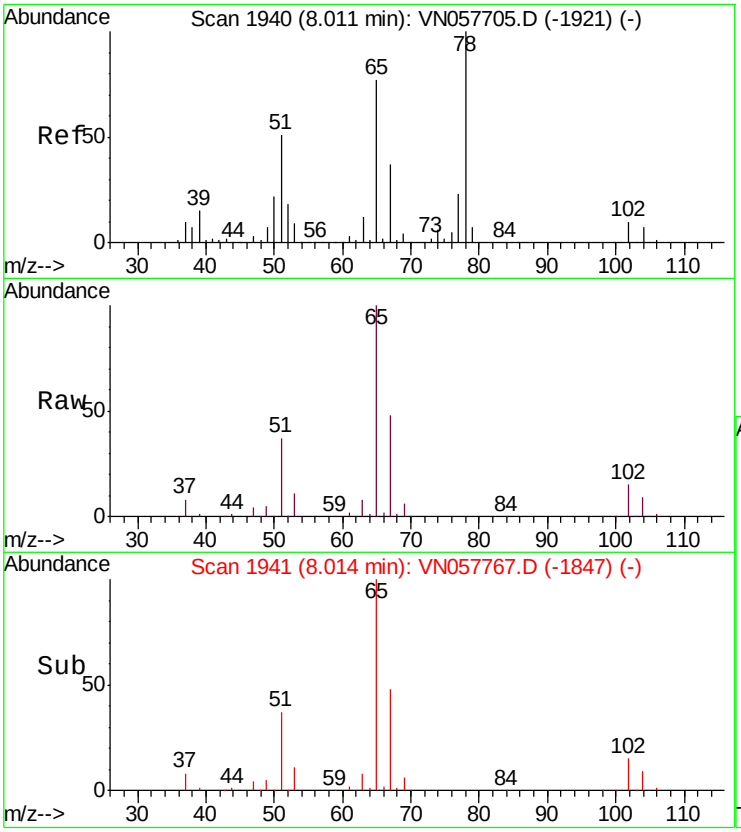


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 56 Resp: 6252

Ion	Ratio	Lower	Upper
56	100		
69	129.4	26.2	39.2#
84	83.2	59.8	89.8



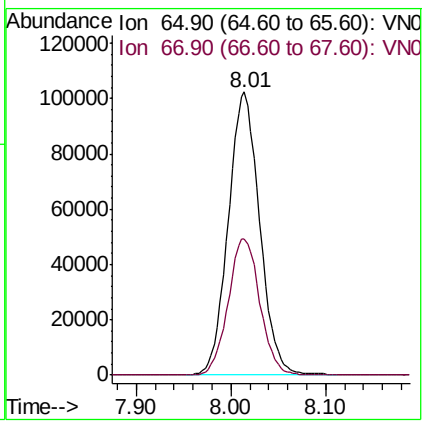


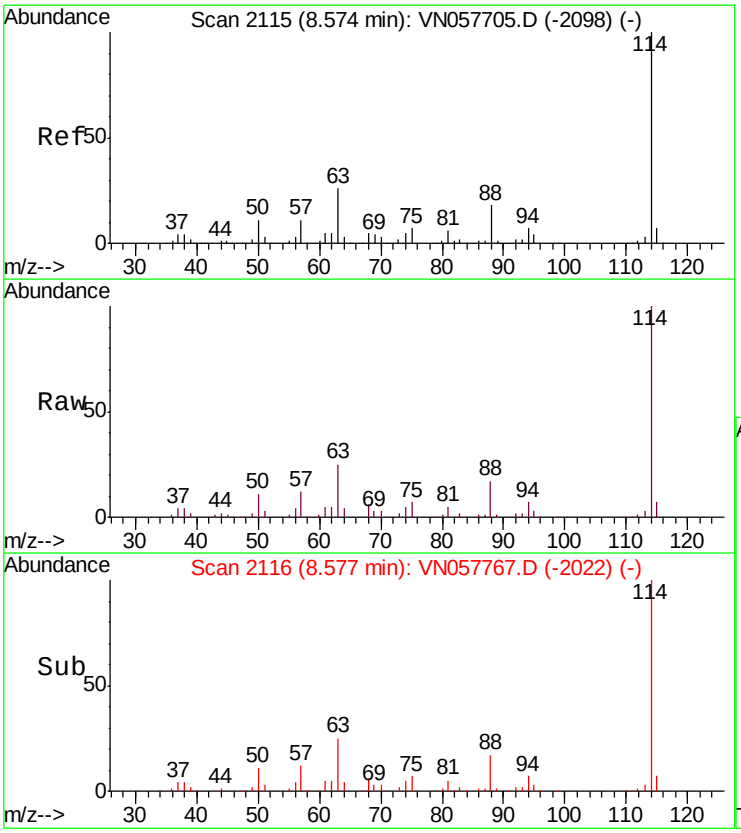
#33
1,2-Dichloroethane-d4
Concen: 49.297 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument : MSVOA_N
ClientSampleId : T12-E1-(0)

Tgt Ion: 65 Resp: 235770

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	98.2

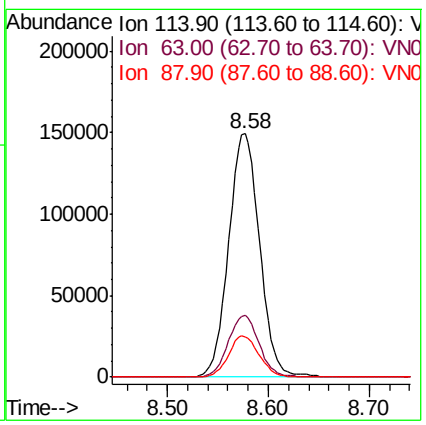


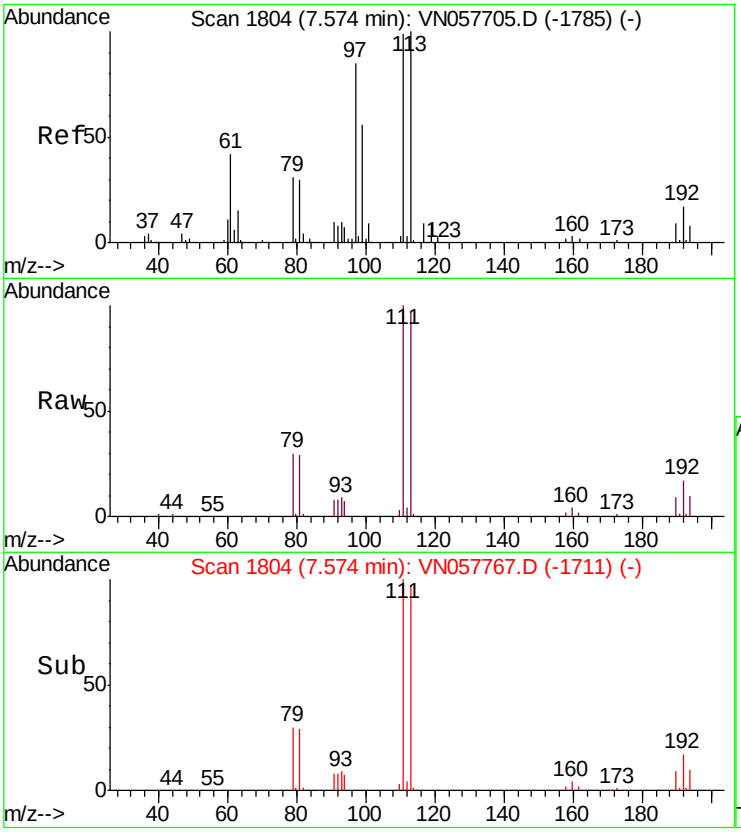


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion:114 Resp: 318709

Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	52.4
88	16.5	0.0	35.4



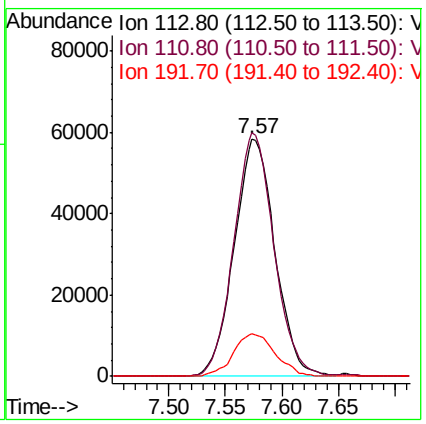


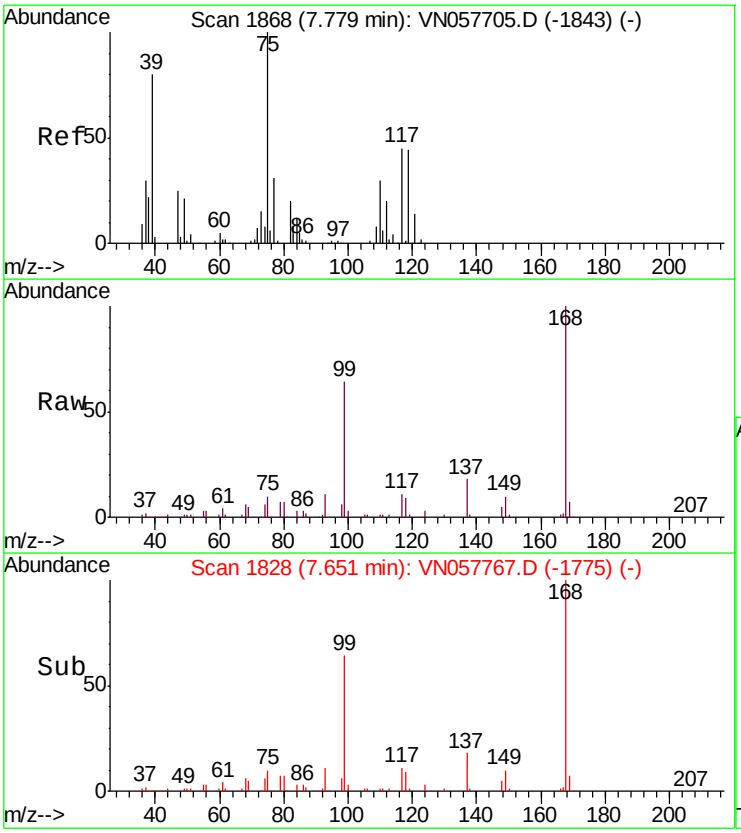
#35
Dibromofluoromethane
Concen: 50.344 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion:113 Resp: 146146

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.7	124.1
192	18.5	13.8	20.6

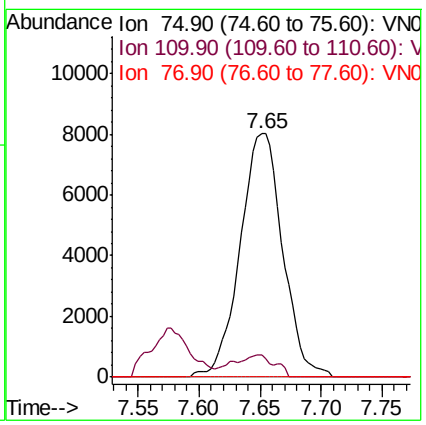


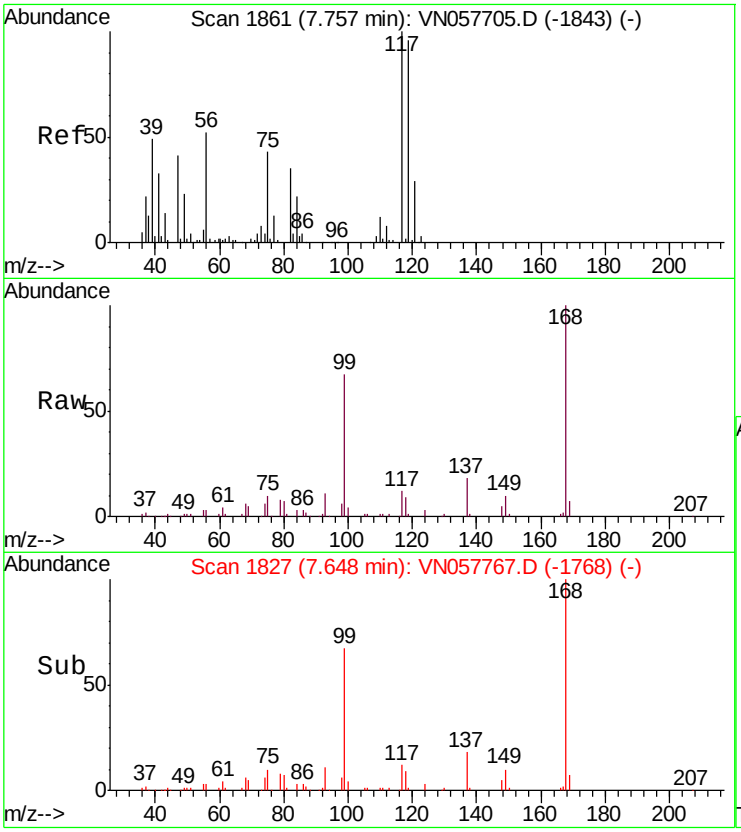


#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 75 Resp: 19331

Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.0	45.0#
77	0.0	24.6	37.0#



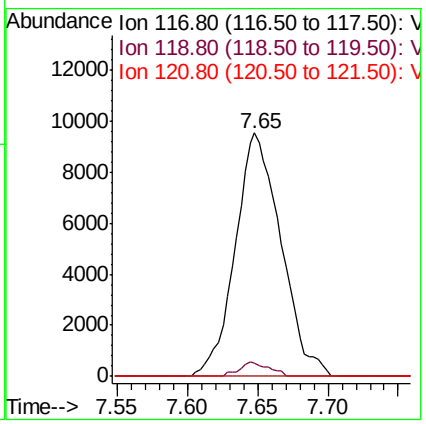


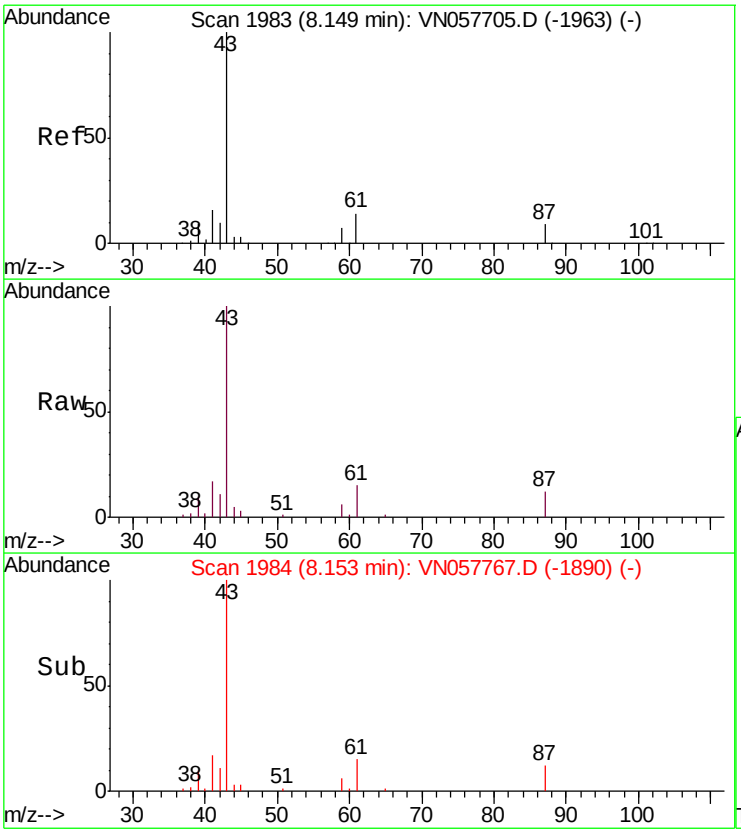
#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion:117 Resp: 21614

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.1	114.1#
121	0.0	23.4	35.2#

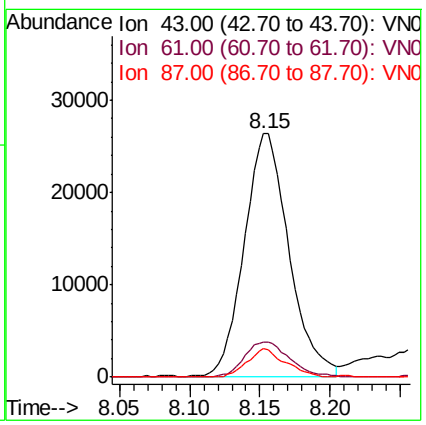


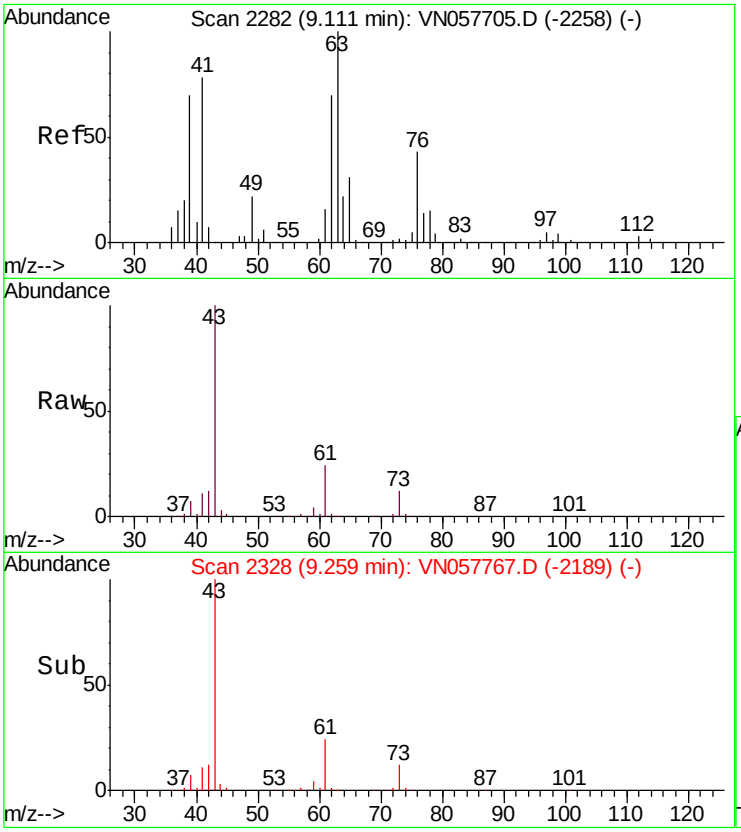


#43
Isopropyl Acetate
Concen: 7.274 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 43 Resp: 58773

Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.8	19.2
87	9.8	7.8	11.8



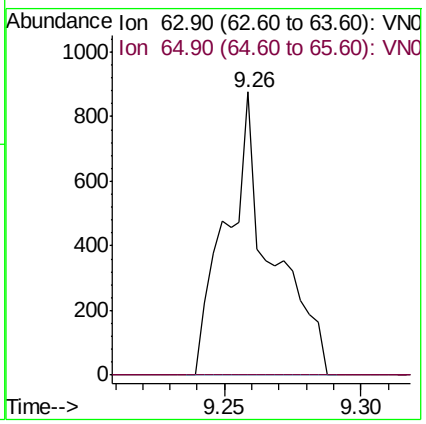


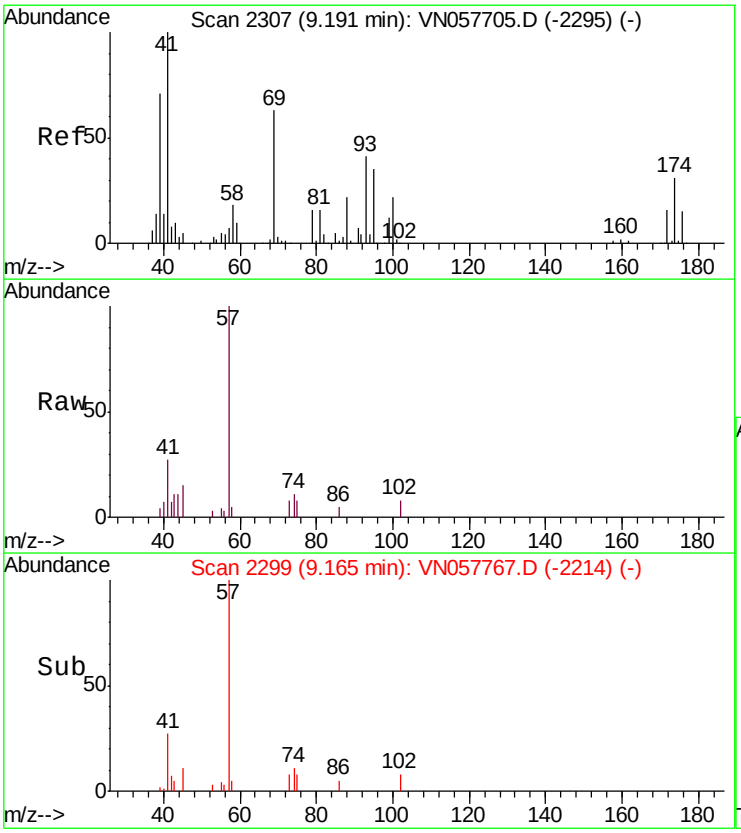
#45
1,2-Dichloropropane
Concen: 0.300 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.15 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument : MSVOA_N
ClientSampleId : T12-E1-(0)

Tgt Ion: 63 Resp: 1007

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.5	36.7#

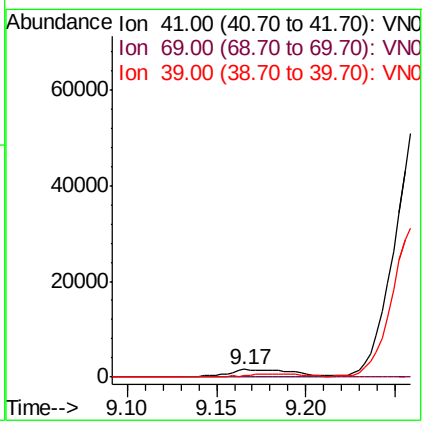


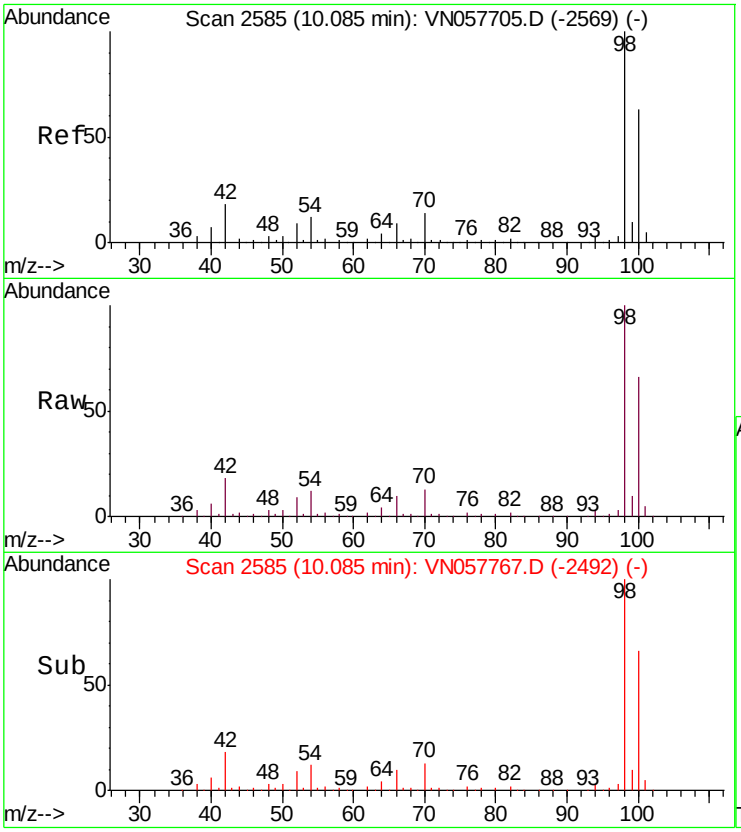


#48
Methyl methacrylate
Concen: 0.993 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 41 Resp: 4127

Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.2	76.8#
39	0.0	57.3	85.9#



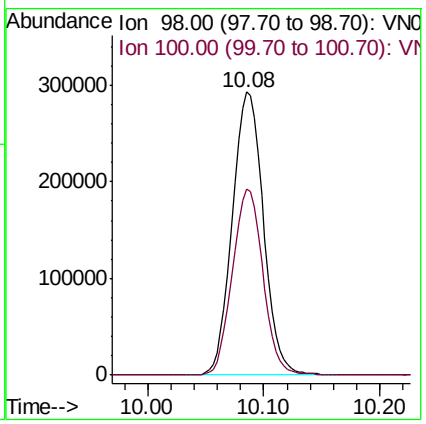


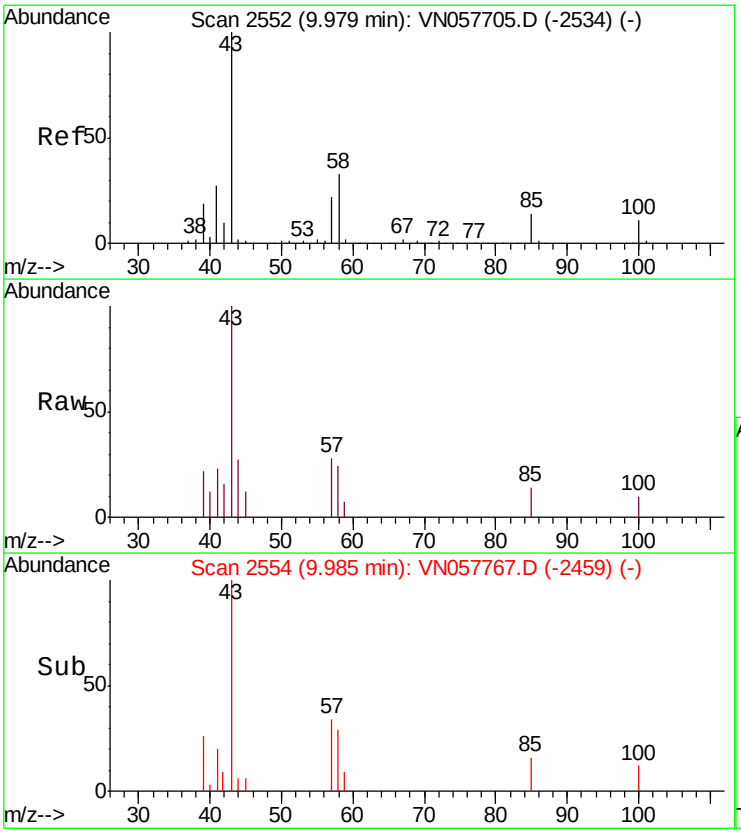
#50
Toluene-d8
Concen: 50.646 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 98 Resp: 543874

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.7	76.1

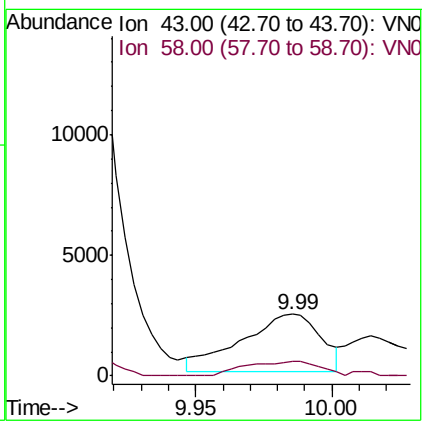


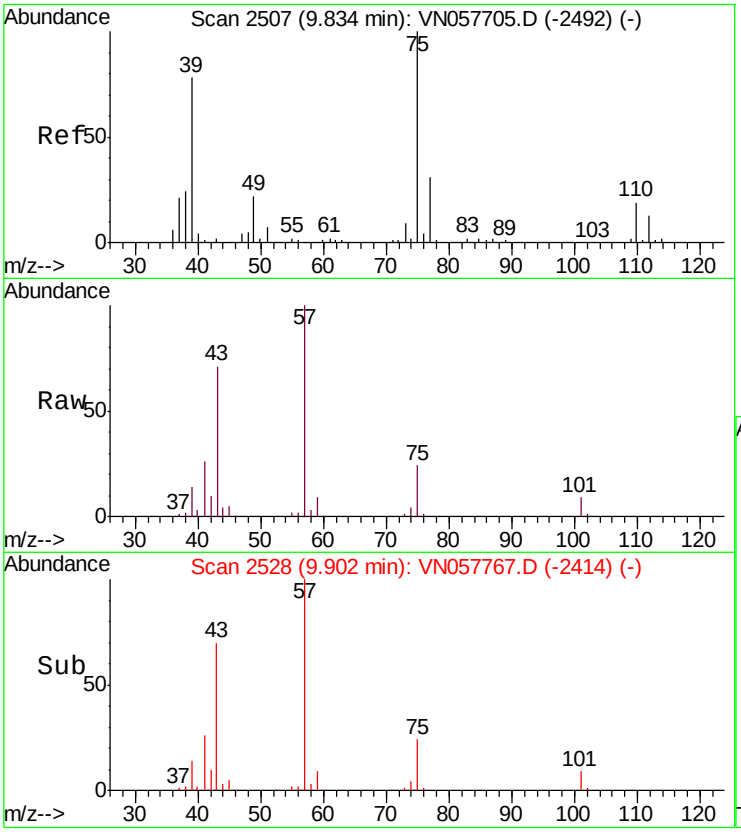


#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 43 Resp: 4760

Ion	Ratio	Lower	Upper
43	100		
58	24.3	25.8	38.8#



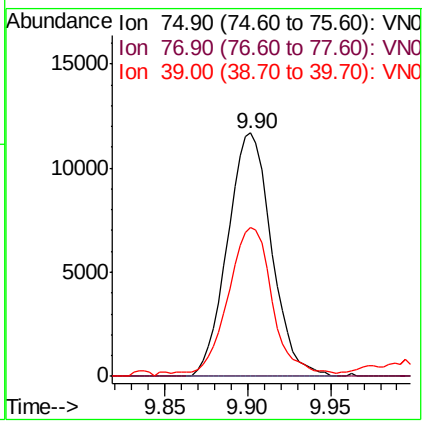


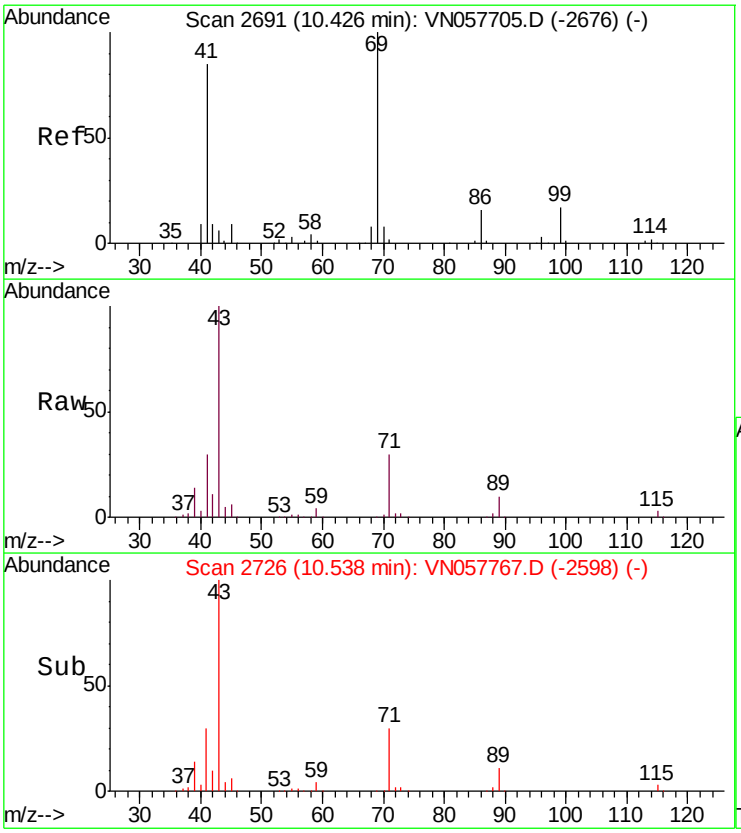
#54
cis-1,3-Dichloropropene
Concen: 4.357 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 75 Resp: 21592

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	59.7	62.4	93.6#

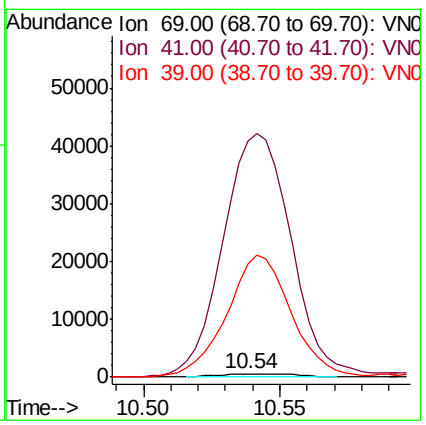


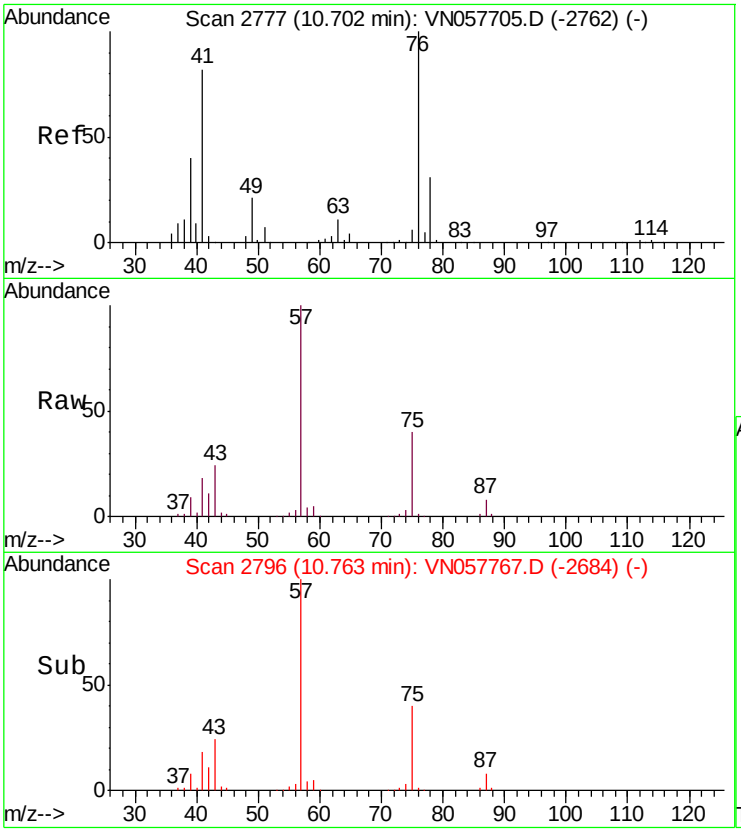


#56
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.11 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 69 Resp: 1052

Ion	Ratio	Lower	Upper
69	100		
41	6971.0	69.0	103.4#
39	3292.3	49.2	73.8#



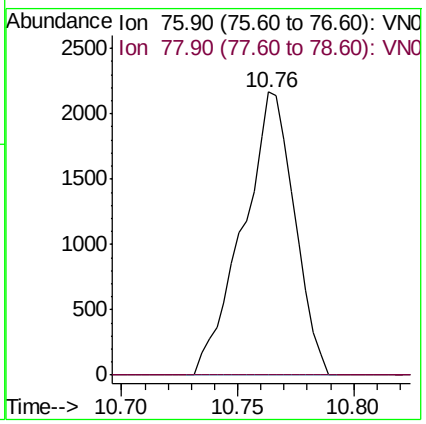


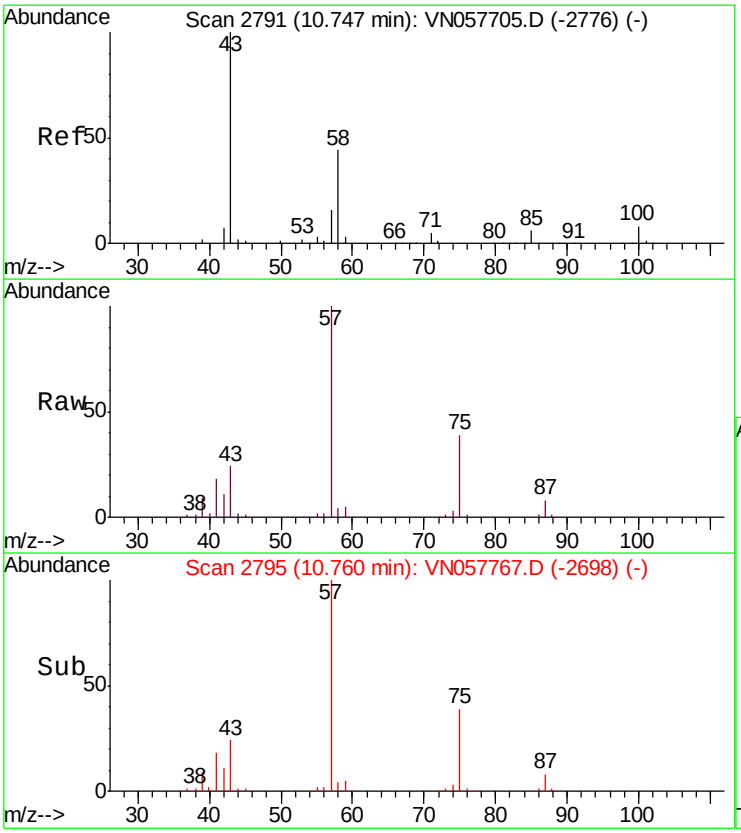
#57
1,3-Dichloropropane
Concen: 0.639 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 76 Resp: 3357

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

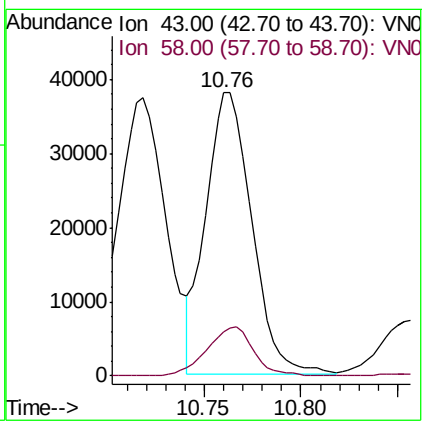


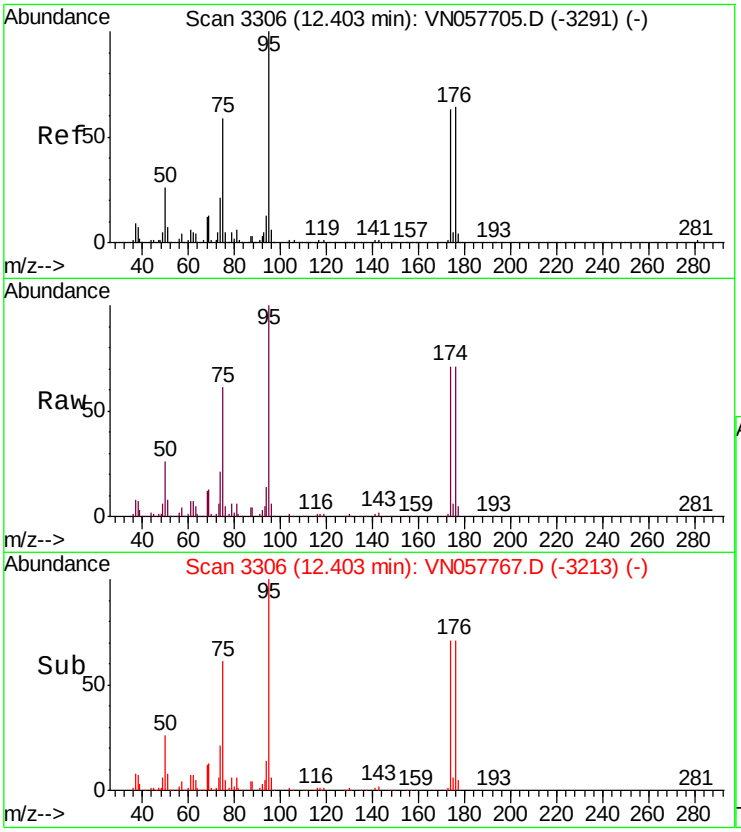


#59
2-Hexanone
Concen: 19.792 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 43 Resp: 62622

Ion	Ratio	Lower	Upper
43	100		
58	17.5	22.1	66.5#



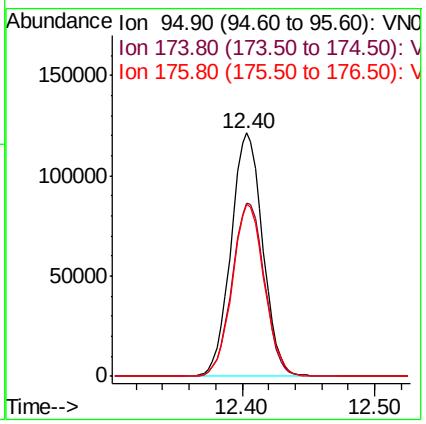


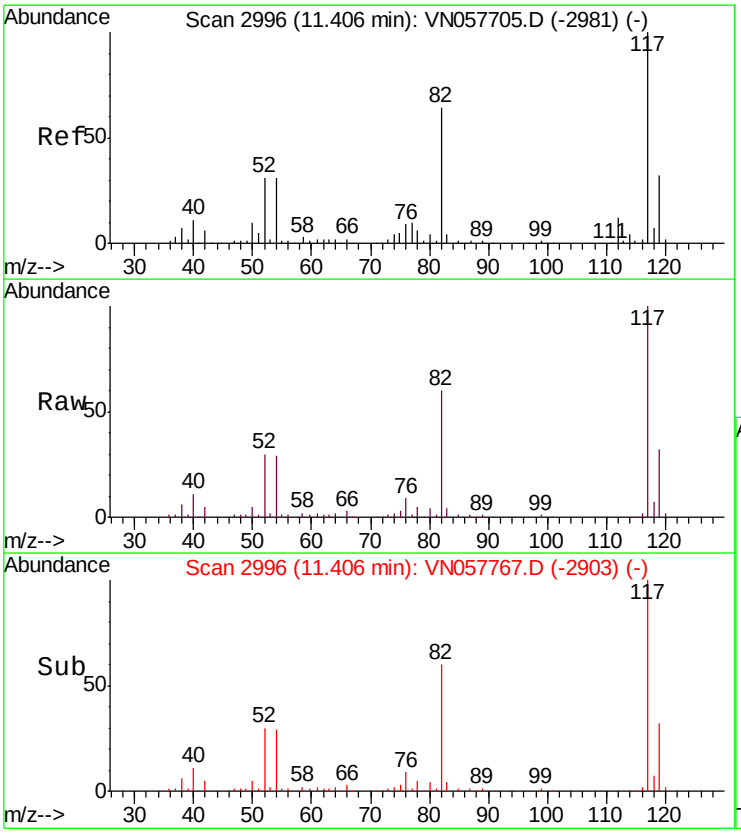
#62
4-Bromofluorobenzene
Concen: 45.296 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 95 Resp: 202037

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	128.0
176	71.2	0.0	128.0

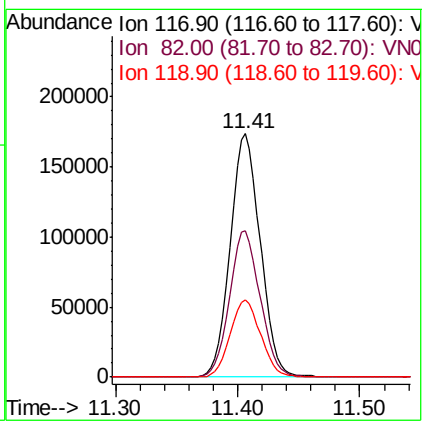


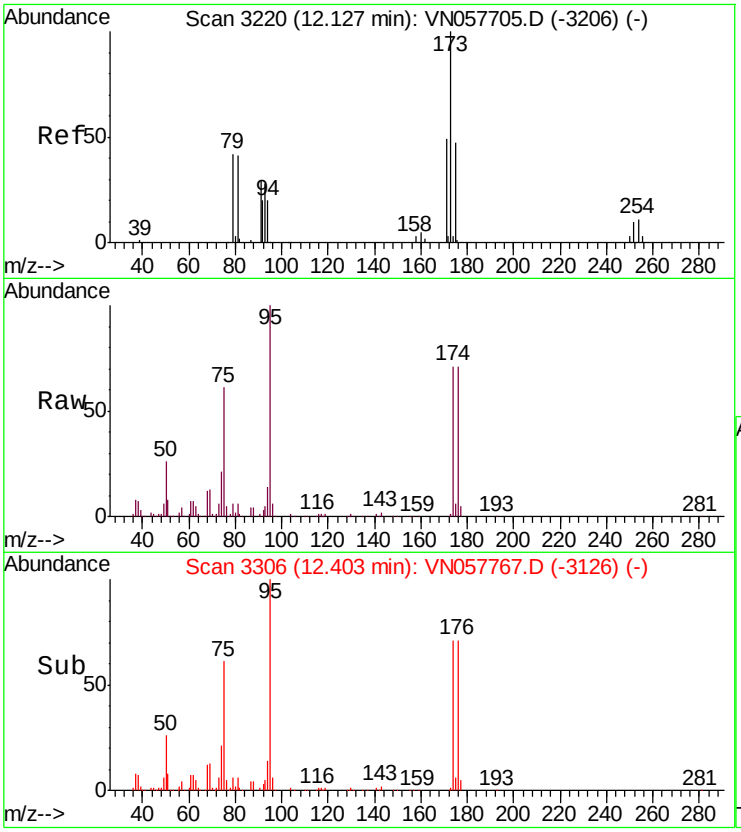


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion:117 Resp: 297643

Ion	Ratio	Lower	Upper
117	100		
82	59.9	51.4	77.0
119	31.8	25.4	38.2



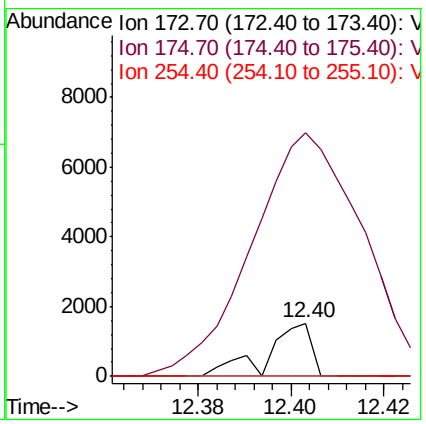


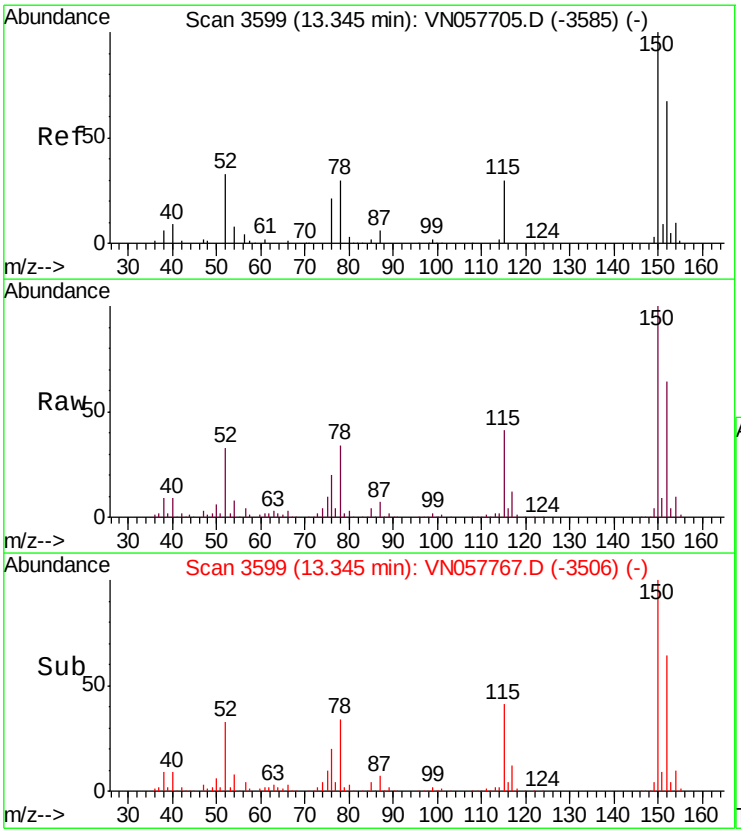
#71
Bromoform
Concen: 3.714 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion:173 Resp: 1019

Ion	Ratio	Lower	Upper
173	100		
175	947.9	24.6	73.8#
254	0.0	0.0	0.0

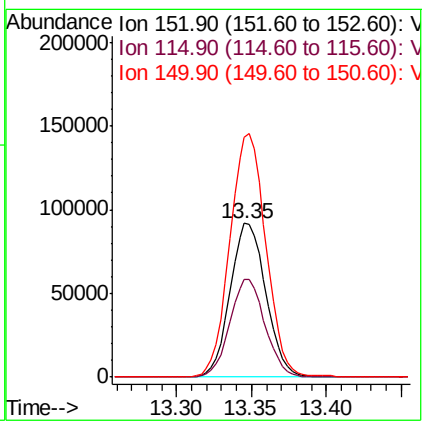


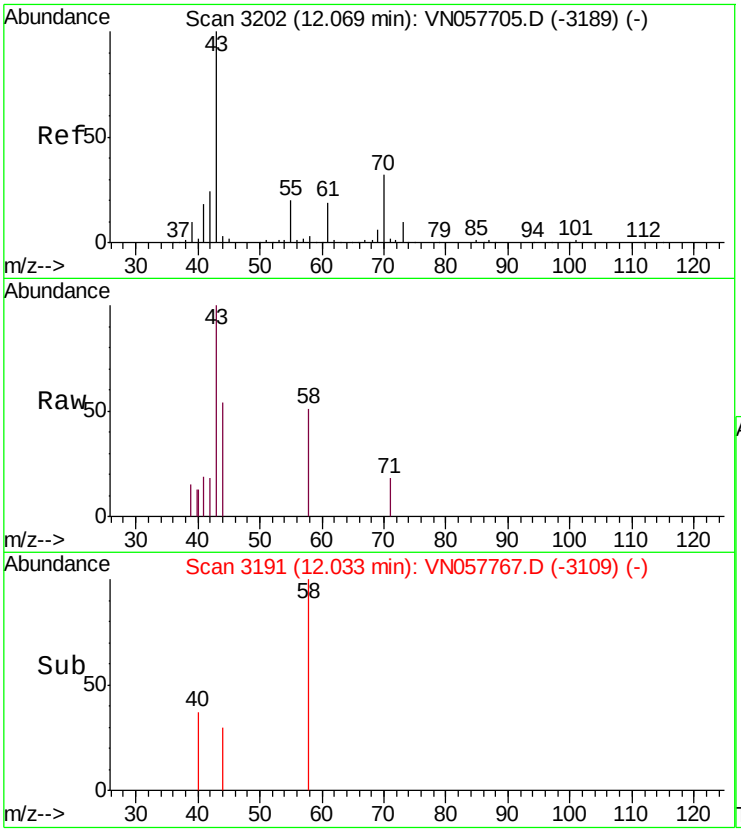


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion:152 Resp: 153298

Ion	Ratio	Lower	Upper
152	100		
115	62.2	33.8	101.3
150	158.9	0.0	345.4



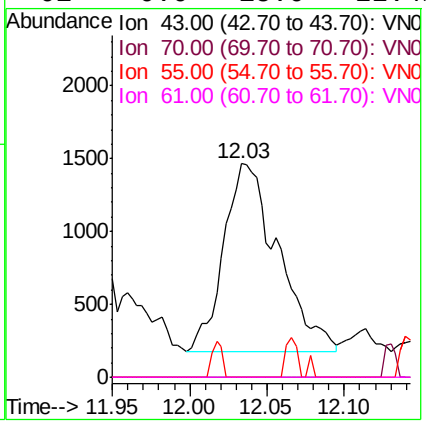


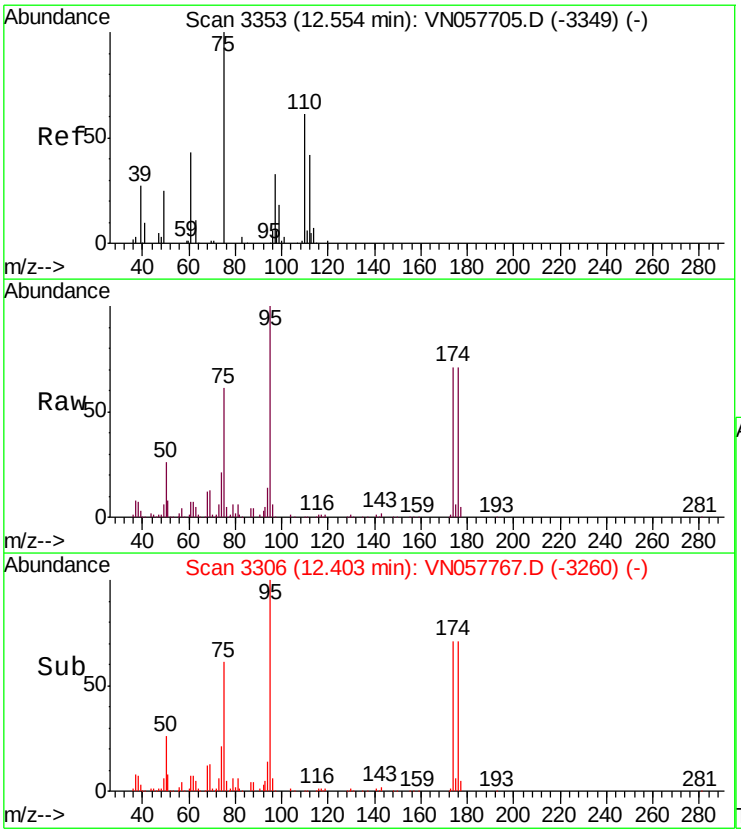
#74
N-amyl acetate
Concen: 0.468 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument : MSVOA_N
ClientSampleId : T12-E1-(0)

Tgt Ion: 43 Resp: 3170

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.1	39.1#
55	3.8	16.3	24.5#
61	0.0	15.0	22.4#

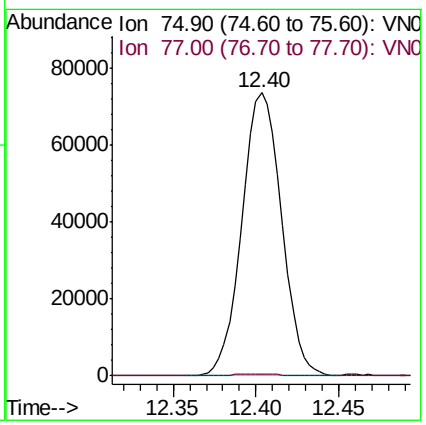


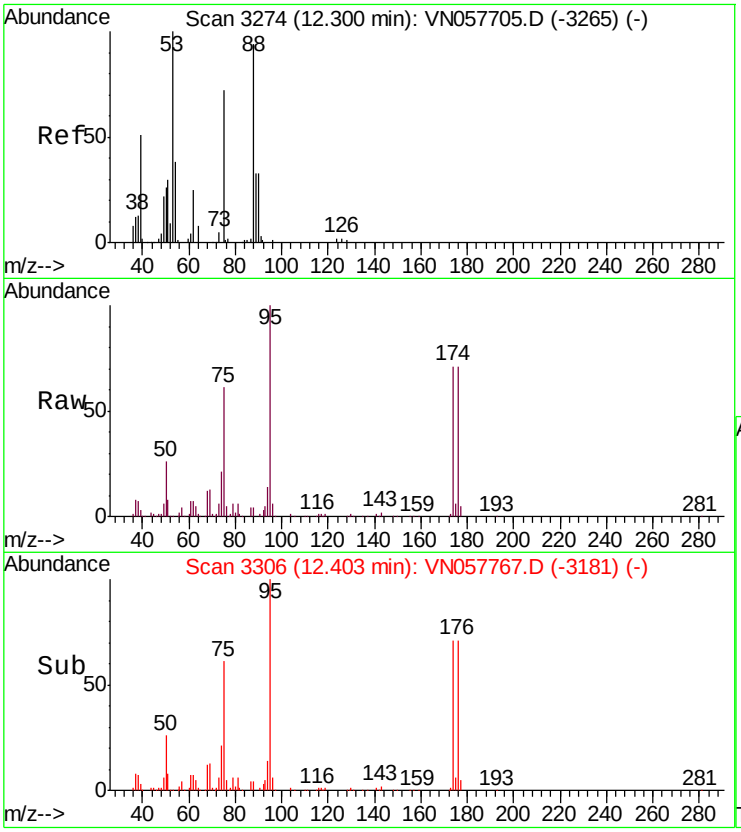


#76
1,2,3-Trichloropropane
Concen: 34.789 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Tgt Ion: 75 Resp: 122469

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.195 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057767.D
Acq: 7 Sep 2019 20:15

Instrument :
MSVOA_N
ClientSampleId :
T12-E1-(0)

Tgt Ion: 75 Resp: 122469

Ion	Ratio	Lower	Upper
75	100		
53	0.0	107.0	160.6#
89	0.0	36.5	54.7#