Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
Data File : VN057964.D
Acq On : 12 Sep 2019 12:42
Operator : JC/SP
Sample : K4790-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Quant Time: Sep 13 04:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	270515	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	458122	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	428680	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216688	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.01	65	308180	56.25 ug/l	0.00
Spiked Amount 50.000			Recovery = 112.50%		
35) Dibromofluoromethane	7.58	113	209501	49.55 ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%		
50) Toluene-d8	10.09	98	843286	51.37 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.74%		
62) 4-Bromofluorobenzene	12.41	95	283087	45.25 ug/l	0.00
Spiked Amount 50.000			Recovery = 90.50%		
Target Compounds					Qvalue
3) Chloromethane	2.03	50	1437	0.377 ug/l	99
5) Bromomethane	2.54	94	270	Below Cal #	76
11) Tert butyl alcohol	4.76	59	134	0.202 ug/l #	72
16) Acetone	3.80	43	16649	9.269 ug/l	96
18) Methyl Acetate	4.32	43	14031	2.930 ug/l #	89
20) Methylene Chloride	4.53	84	13604	2.817 ug/l	93
25) 2-Butanone	6.84	43	2083	0.801 ug/l #	82
29) Tetrahydrofuran	7.20	42	702	0.438 ug/l #	41
31) Cyclohexane	7.65	56	7138	Below Cal #	25
36) 1,1-Dichloropropene	7.65	75	24160	4.547 ug/l #	48
38) Carbon Tetrachloride	7.65	117	29538	6.089 ug/l #	16
43) Isopropyl Acetate	8.16	43	89498	9.695 ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1641	0.353 ug/l #	44
48) Methyl methacrylate	9.17	41	5519	1.179 ug/l #	13
49) 1,4-Dioxane	9.26	88	111	1.402 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7290	1.334 ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	37390	5.726 ug/l #	66
56) Ethyl methacrylate	10.55	69	1726	0.269 ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5978	0.813 ug/l #	43
59) 2-Hexanone	10.76	43	96172	23.488 ug/l #	55
71) Bromoform	12.41	173	2037	0.839 ug/l #	1
74) N-amyl acetate	12.04	43	2681	0.366 ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	154763	31.572 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	154763	111.104 ug/l #	6
95) Naphthalene	15.14	128	1278	Below Cal #	69
96) 1,2,3-Trichlorobenzene	15.30	180	165	1.035 ug/l #	36

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
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Acq On : 12 Sep 2019 12:42
Operator : JC/SP
Sample : K4790-08
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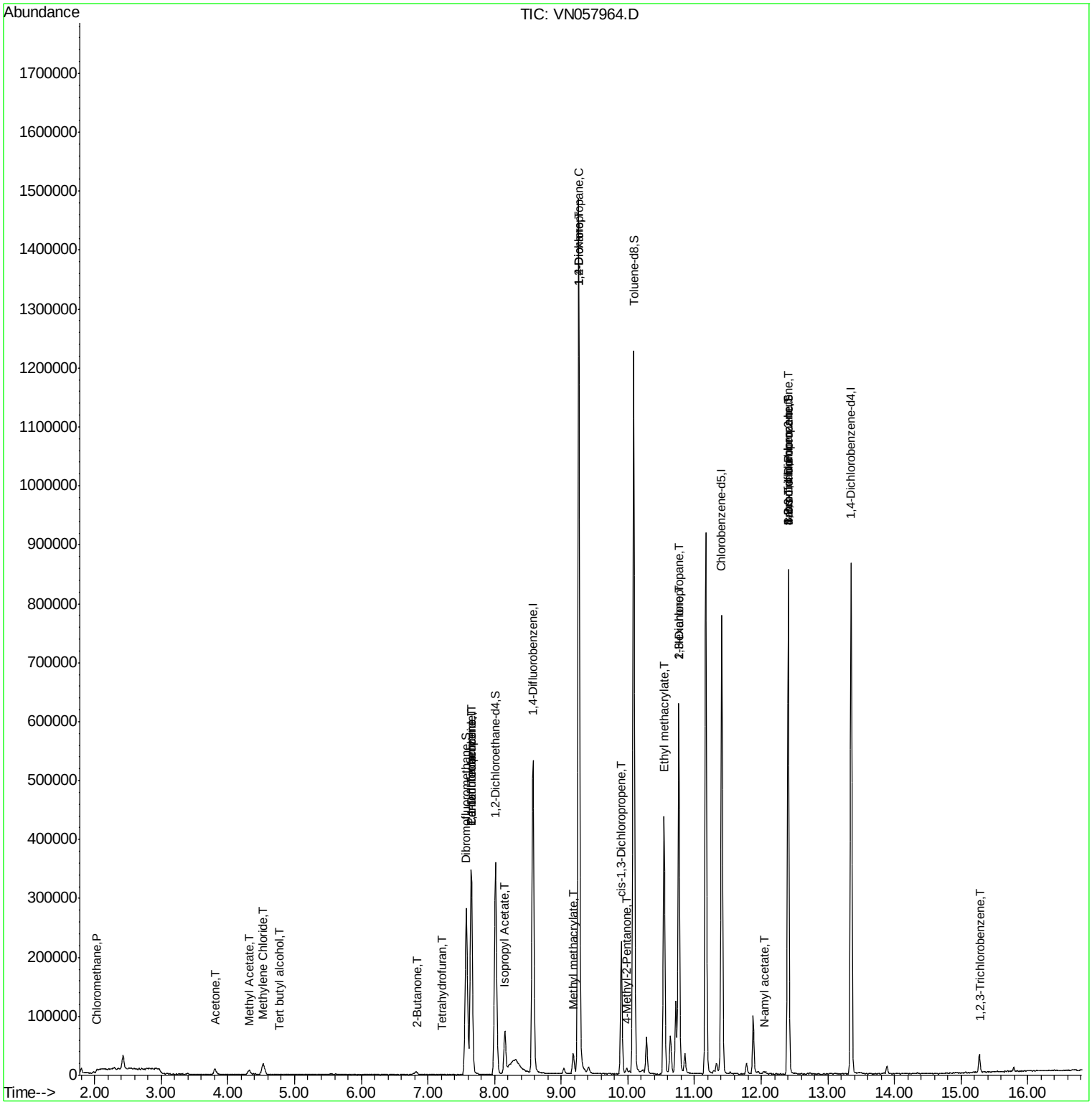
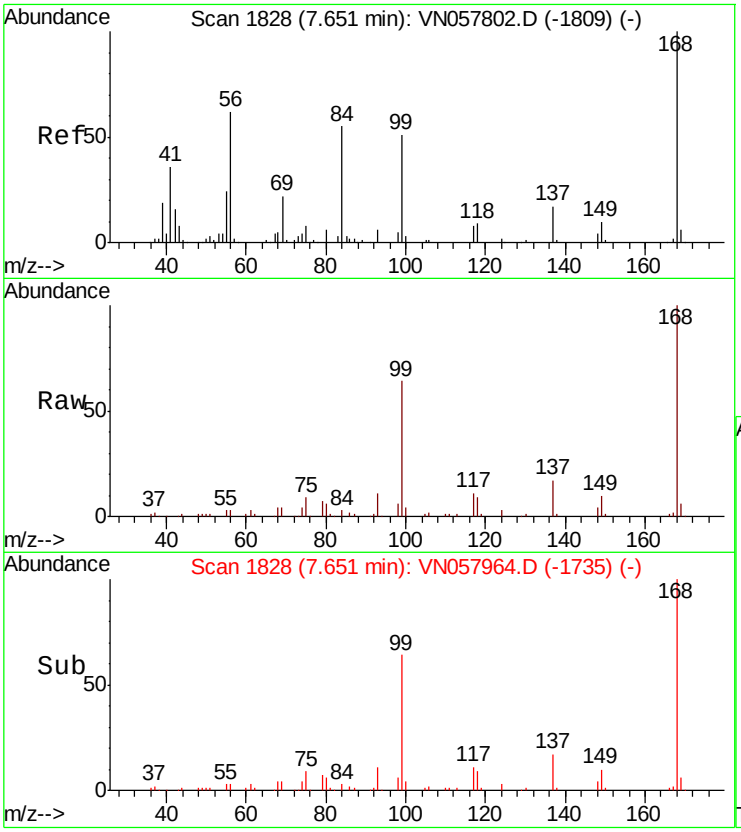
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Quant Time: Sep 13 04:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration



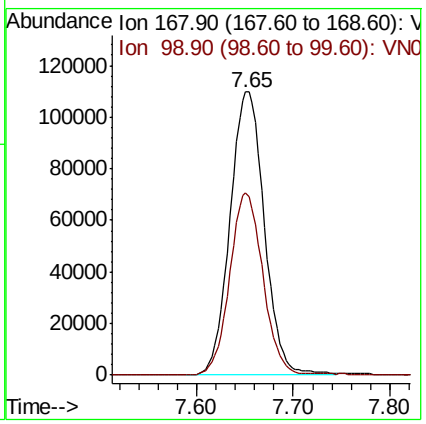


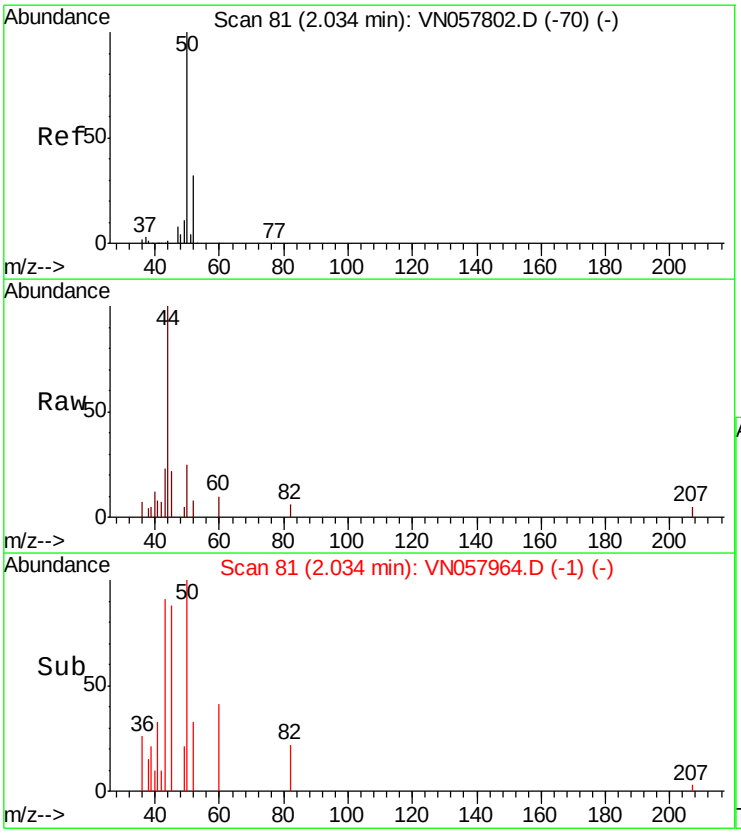
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion:168 Resp: 270515

Ion	Ratio	Lower	Upper
168	100		
99	64.4	48.0	72.0

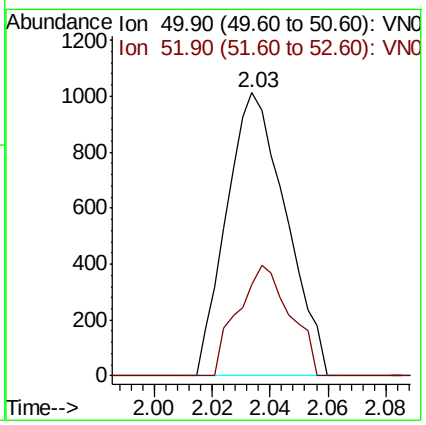


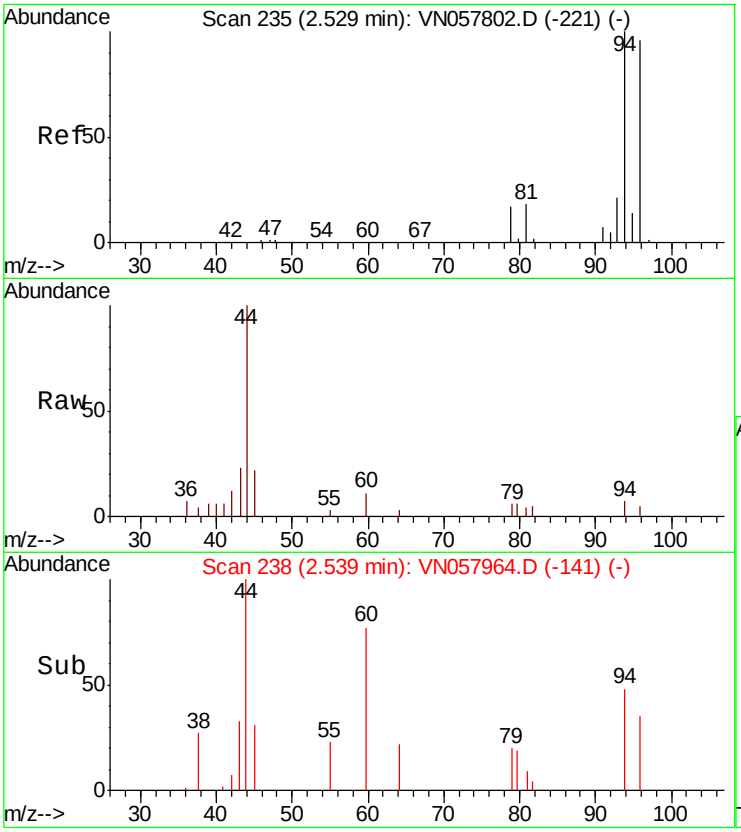


#3
Chloromethane
Concen: 0.377 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 50 Resp: 1437

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.5	38.3



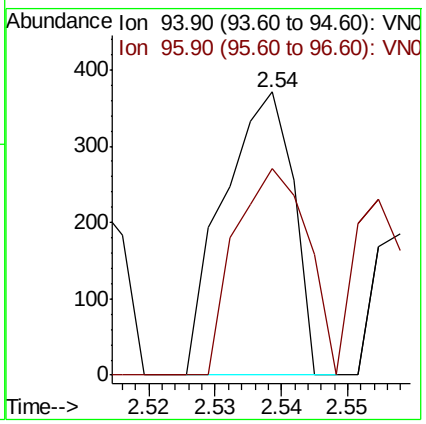


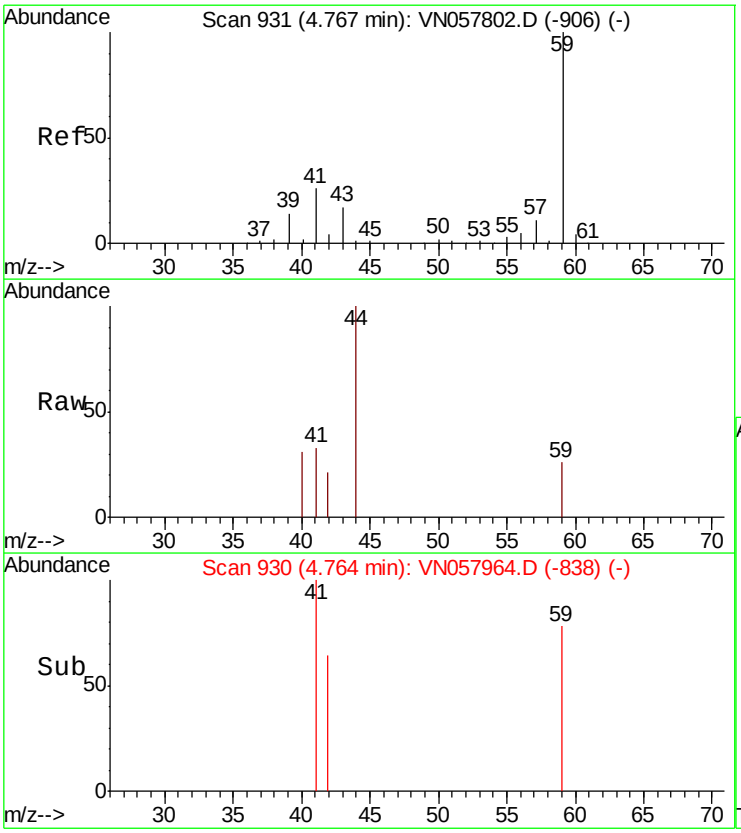
#5
Bromomethane
Concen: Below Cal
RT: 2.54 min Scan# 238
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 94 Resp: 270

Ion	Ratio	Lower	Upper
94	100		
96	72.8	77.0	115.4#

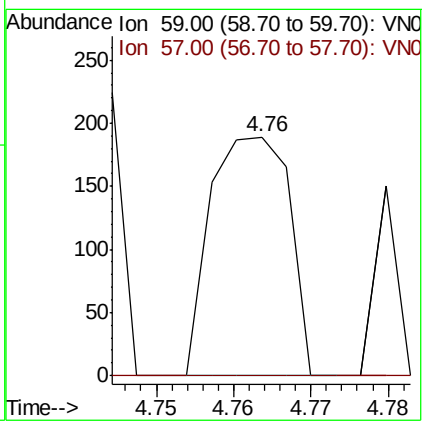


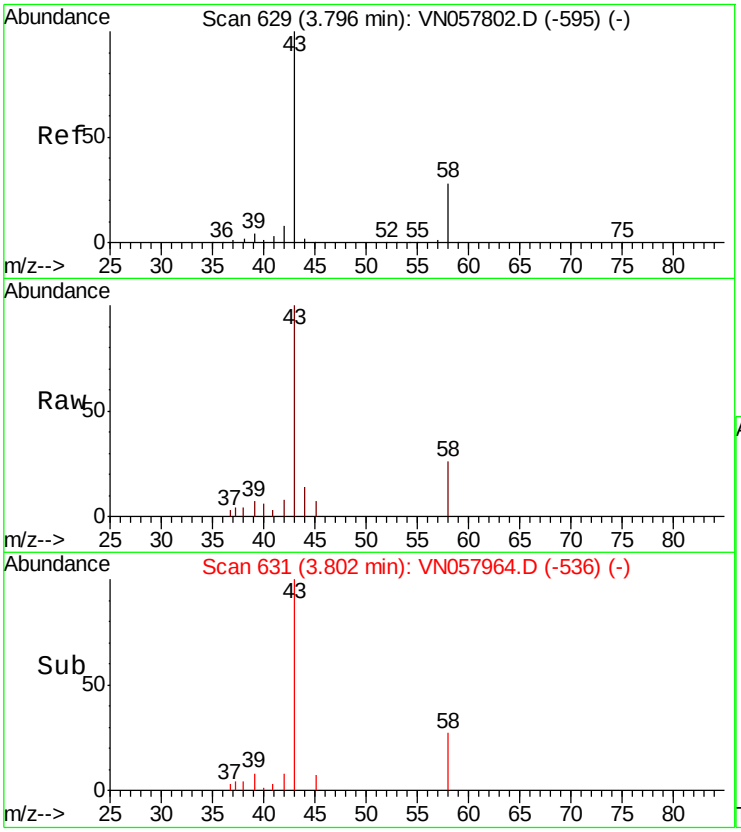


#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 59 Resp: 134

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



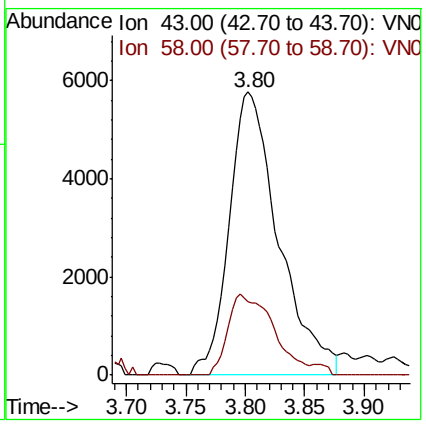


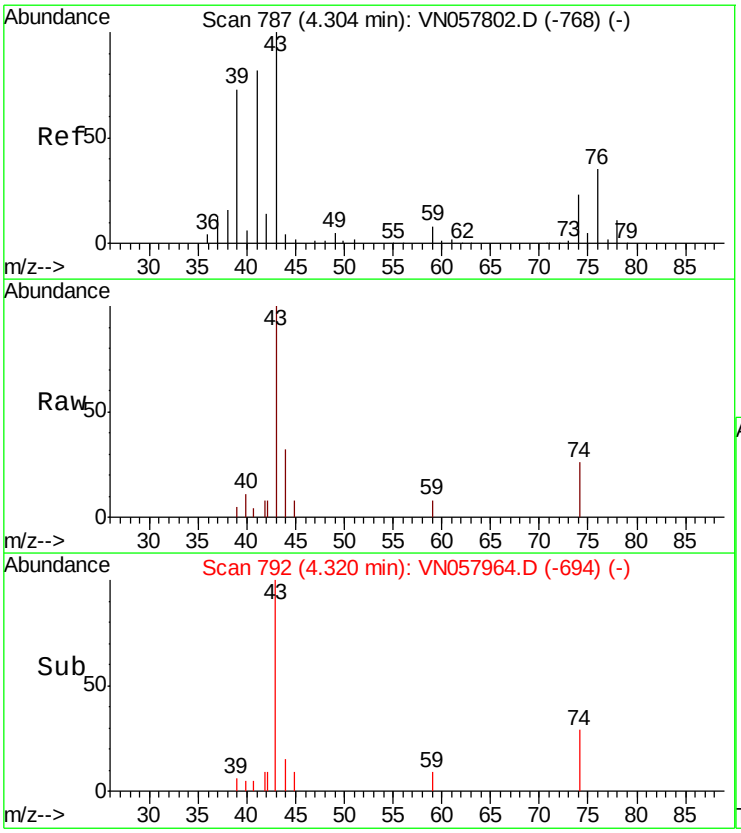
#16
Acetone
Concen: 9.269 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 43 Resp: 16649

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.2	33.2

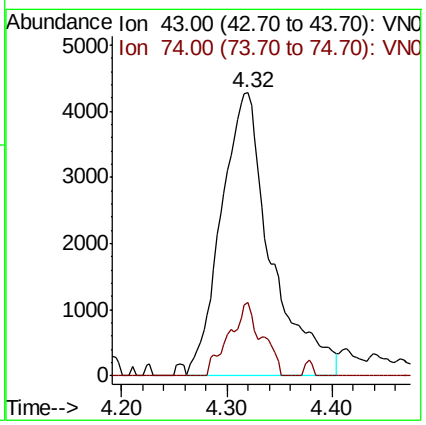


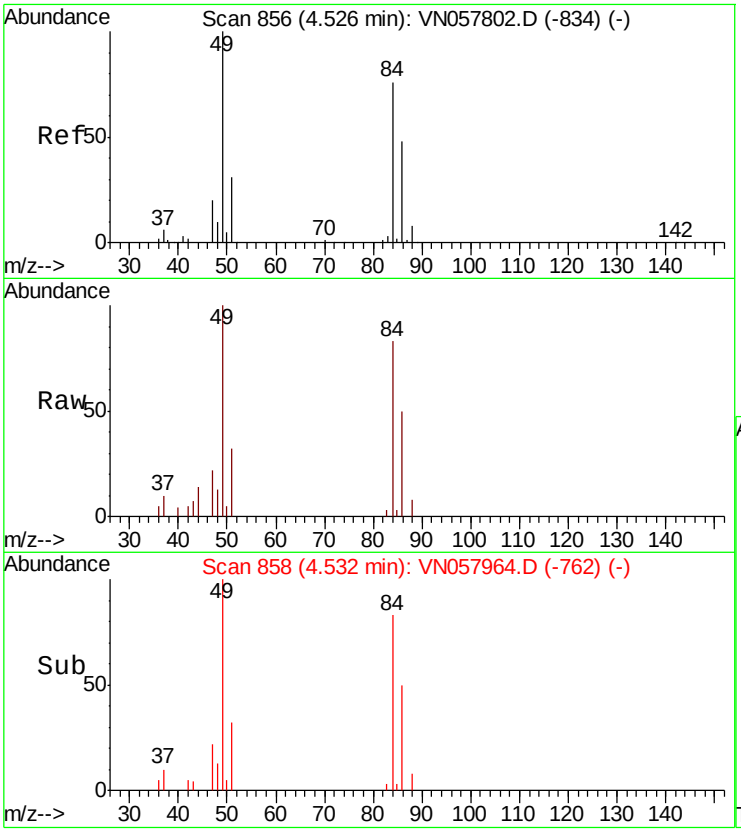


#18
Methyl Acetate
Concen: 2.930 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 14031

Ion	Ratio	Lower	Upper
43	100		
74	17.0	17.9	26.9#



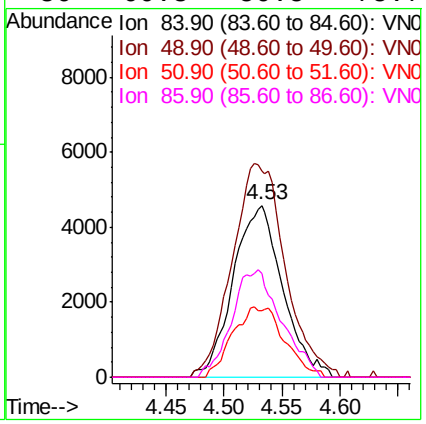


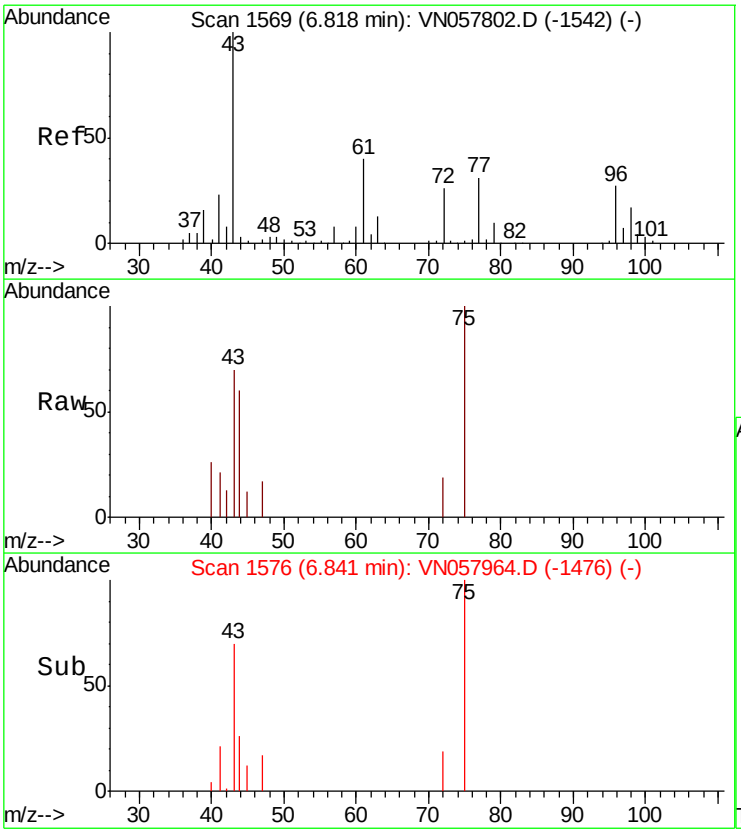
#20
Methylene Chloride
Concen: 2.817 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 84 Resp: 13604

Ion	Ratio	Lower	Upper
84	100		
49	120.0	104.8	157.2
51	38.6	33.0	49.4
86	60.3	50.5	75.7

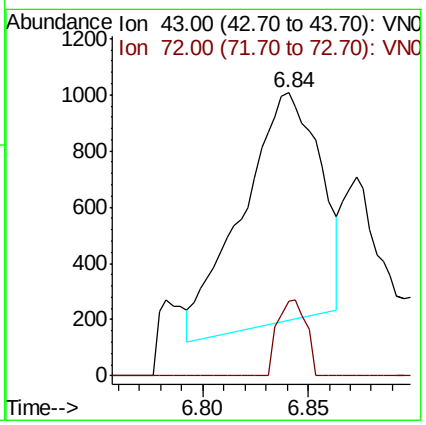


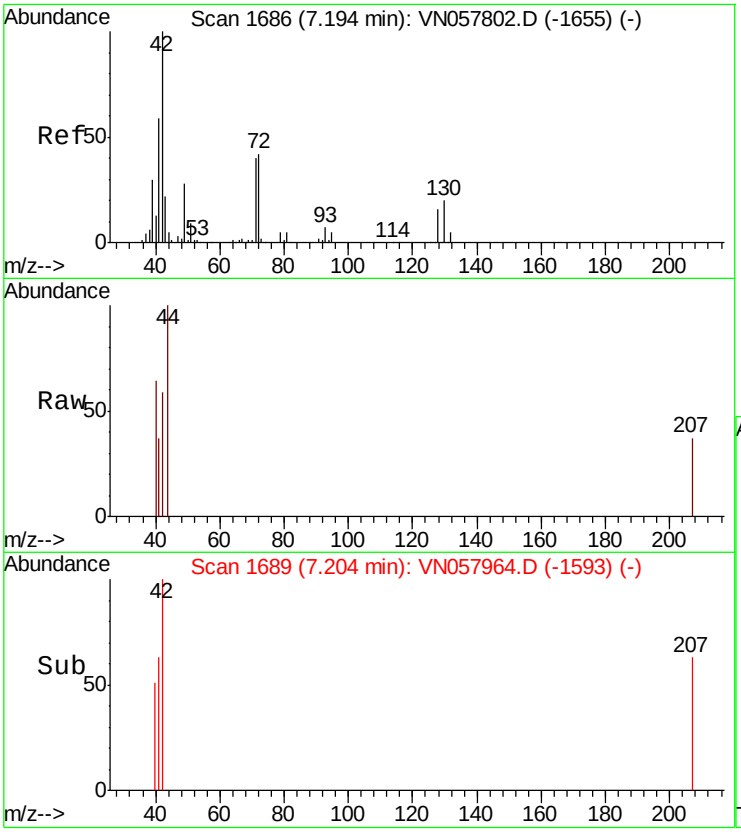


#25
2-Butanone
Concen: 0.801 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 2083

Ion	Ratio	Lower	Upper
43	100		
72	34.8	20.6	30.8#



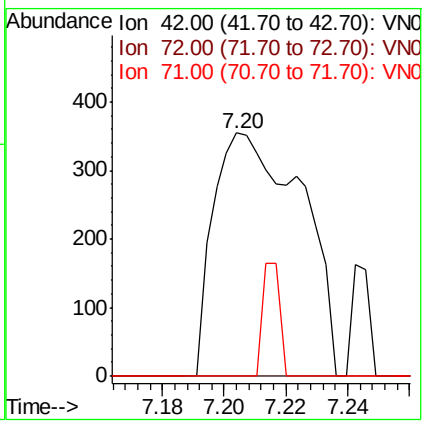


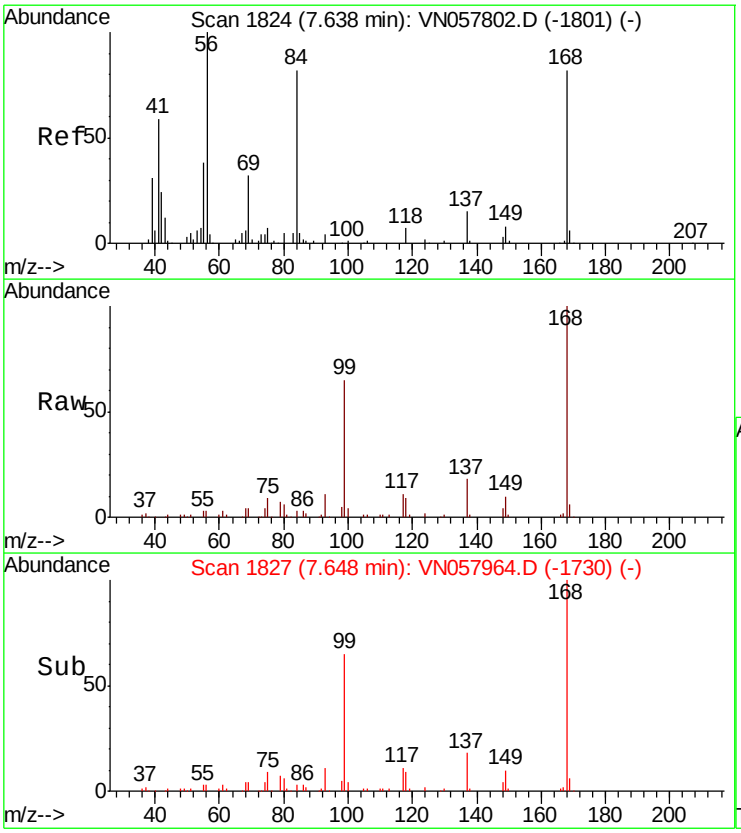
#29
Tetrahydrofuran
Concen: 0.438 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Tgt Ion: 42 Resp: 702

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	9.0	31.9	47.9#

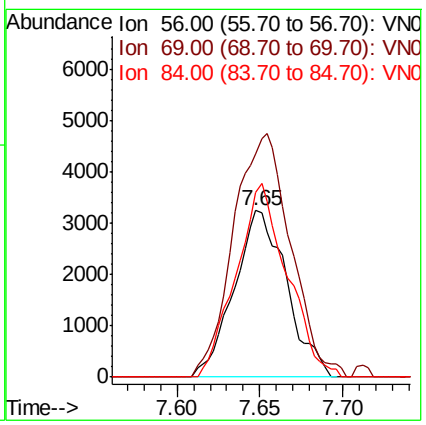


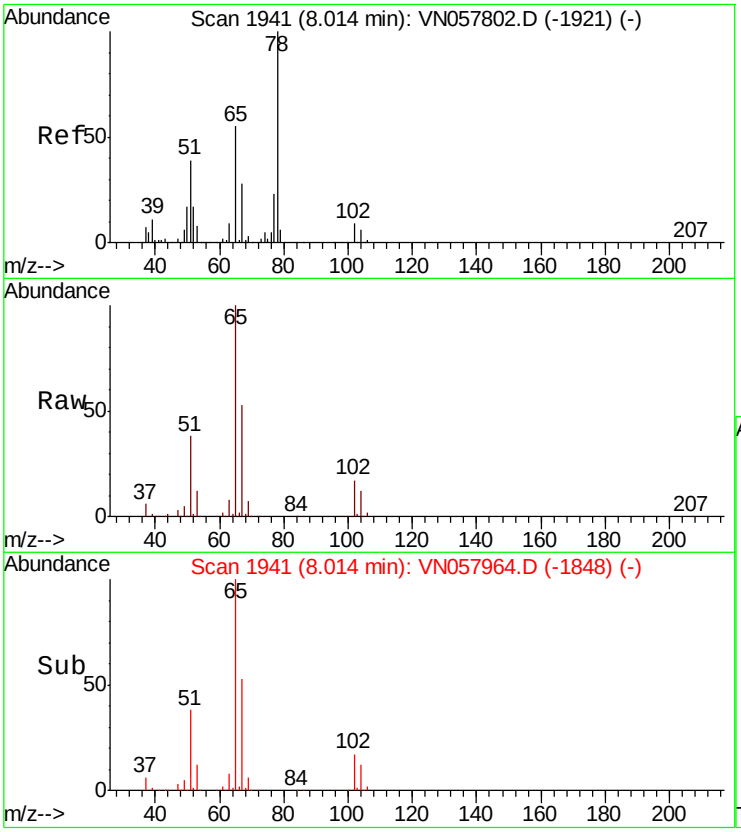


#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 56 Resp: 7138

Ion	Ratio	Lower	Upper
56	100		
69	134.3	25.9	38.9#
84	111.0	65.6	98.4#



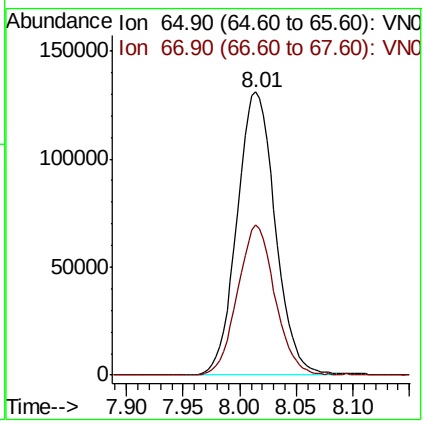


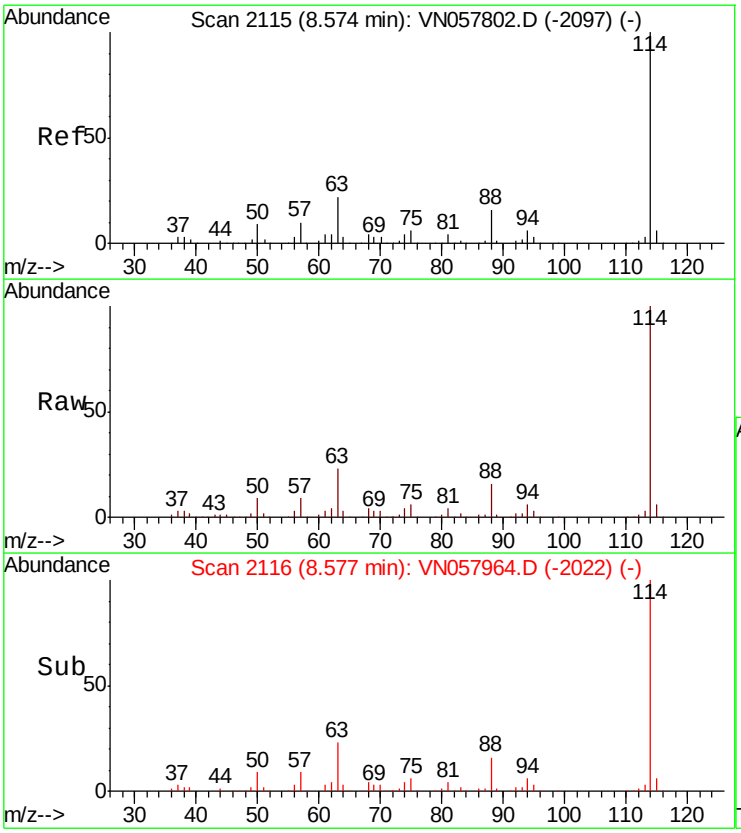
#33
1,2-Dichloroethane-d4
Concen: 56.247 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 65 Resp: 308180

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

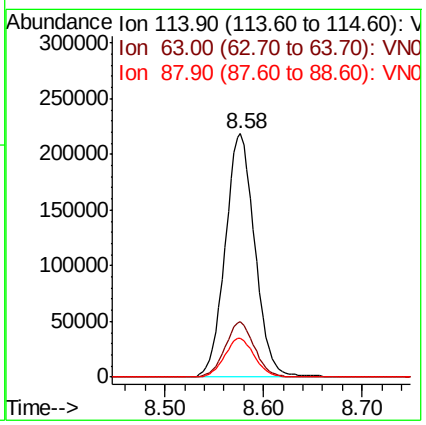


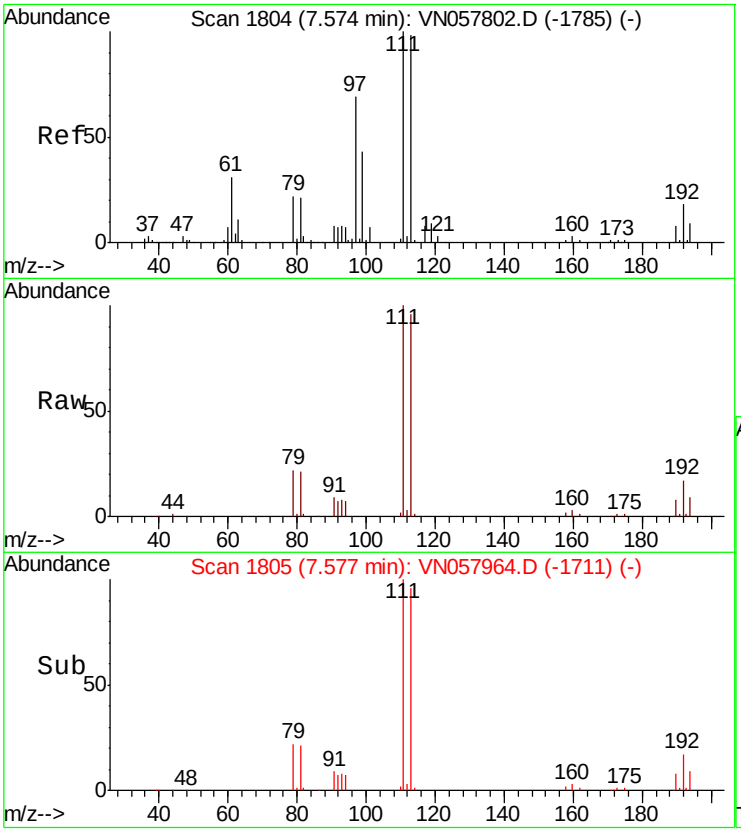


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion:114 Resp: 458122

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.0	0.0	31.4



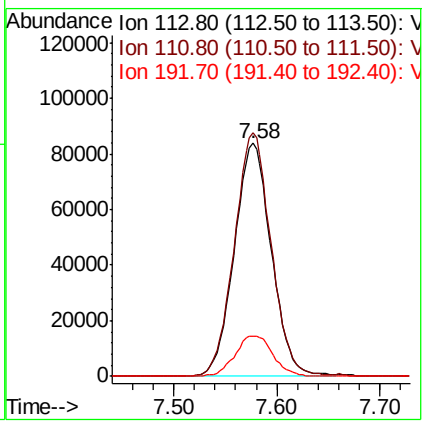


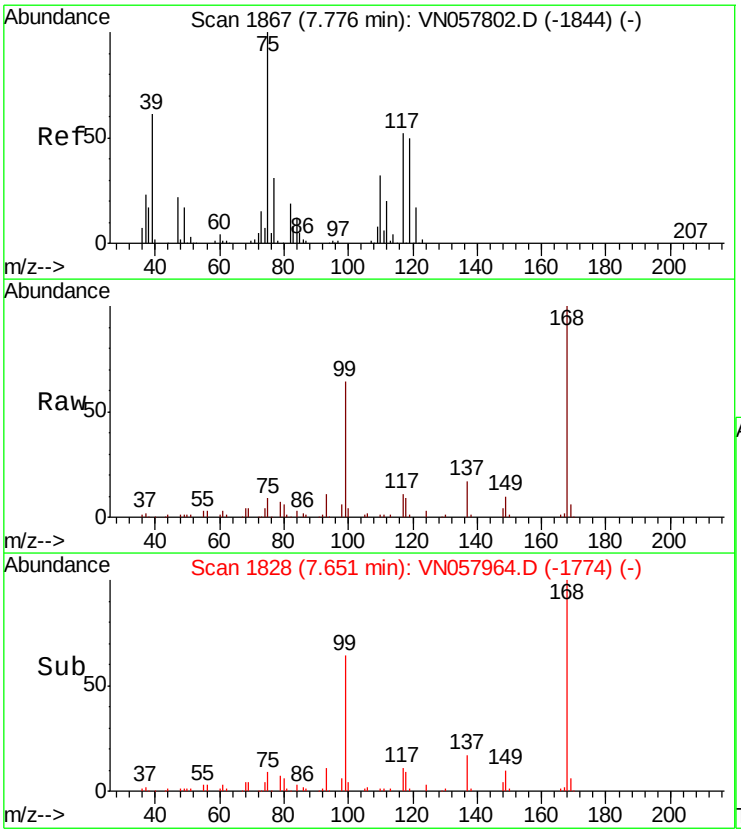
#35
Dibromofluoromethane
Concen: 49.548 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion:113 Resp: 209501

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	18.0	14.6	22.0

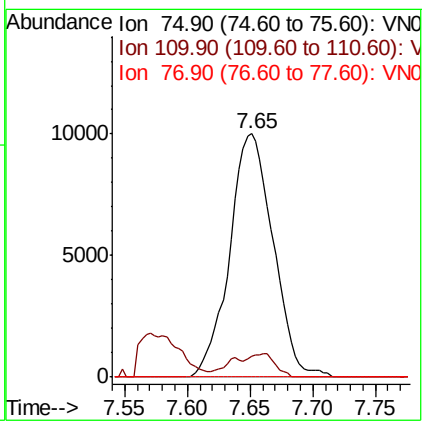


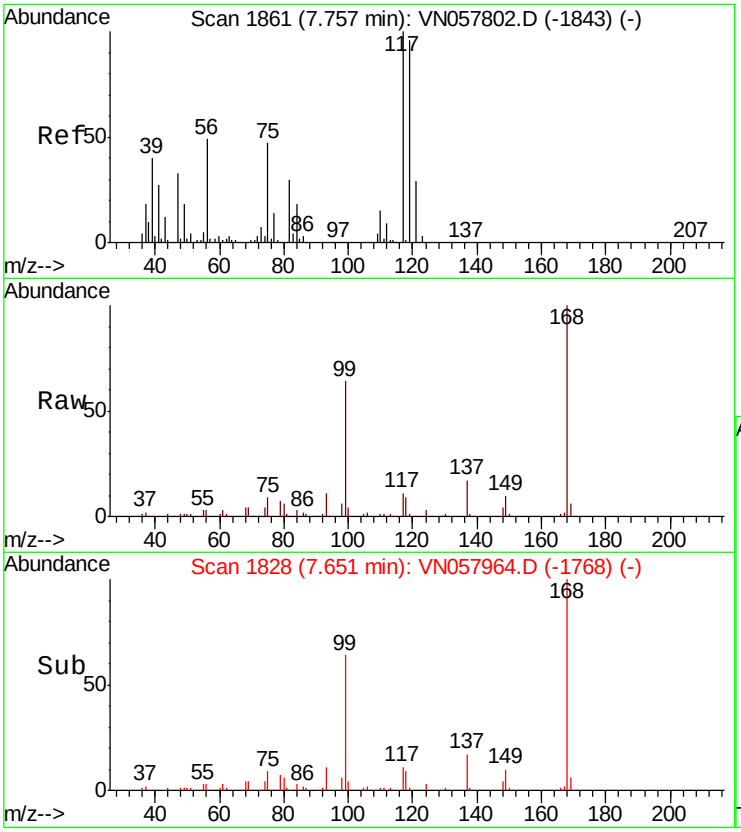


#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 75 Resp: 24160

Ion	Ratio	Lower	Upper
75	100		
110	5.9	16.3	48.9#
77	0.0	25.0	37.4#



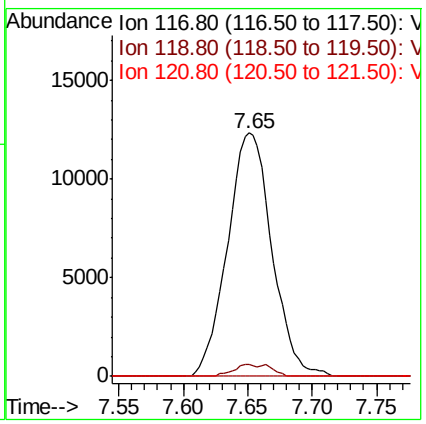


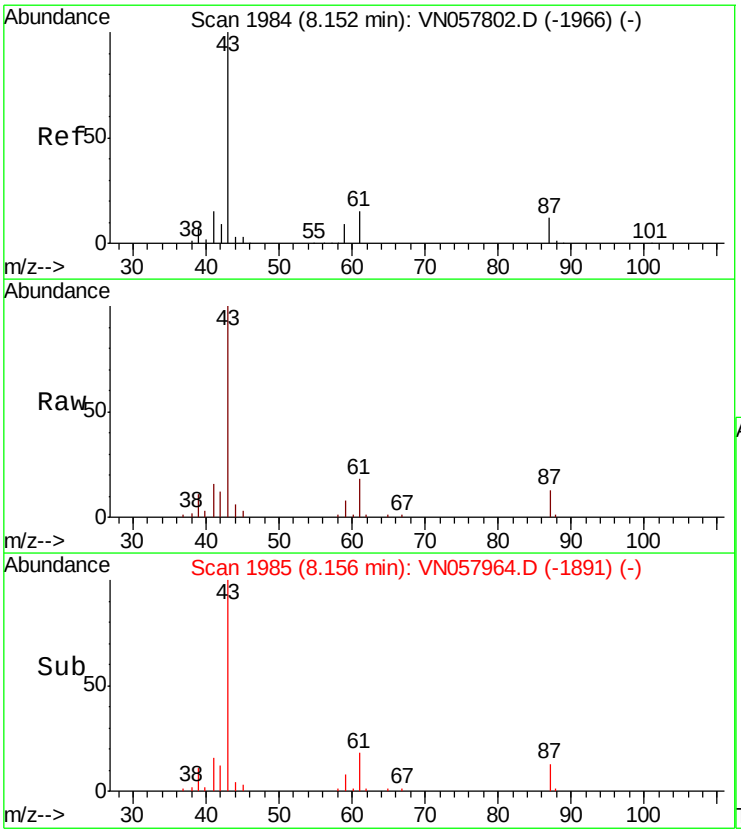
#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion:117 Resp: 29538

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.0	23.4	35.2#

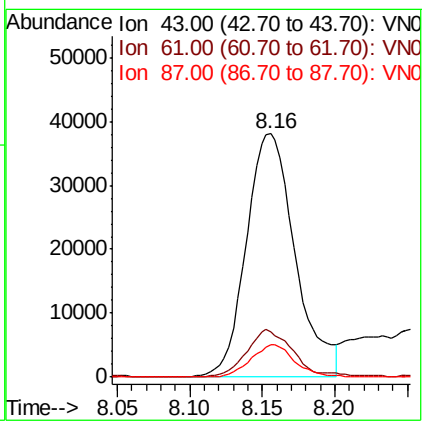


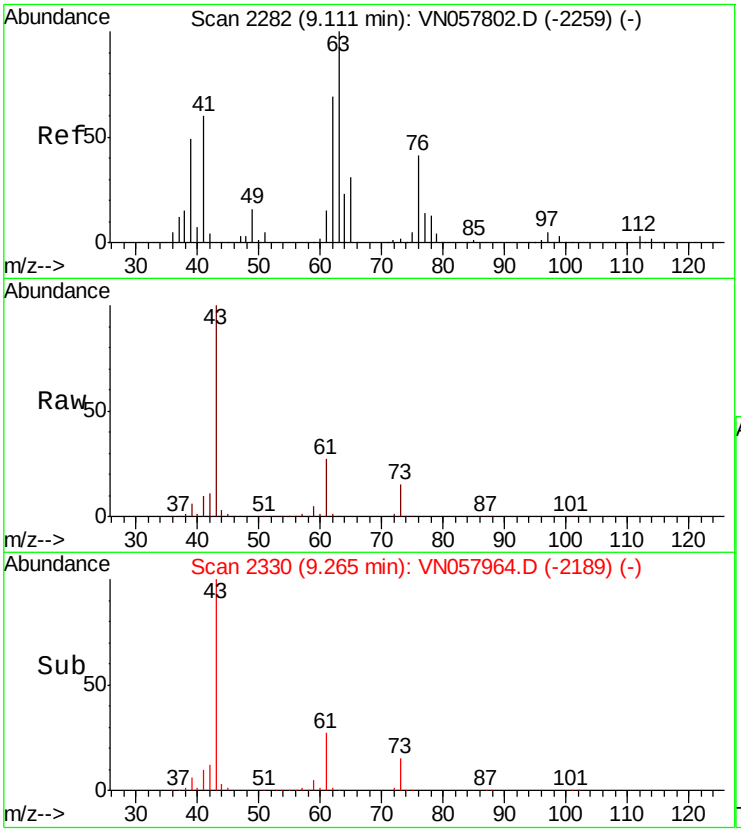


#43
Isopropyl Acetate
Concen: 9.695 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 89498

Ion	Ratio	Lower	Upper
43	100		
61	17.9	20.1	30.1#
87	11.9	9.5	14.3



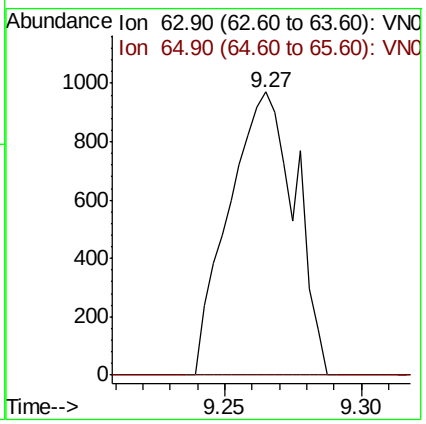


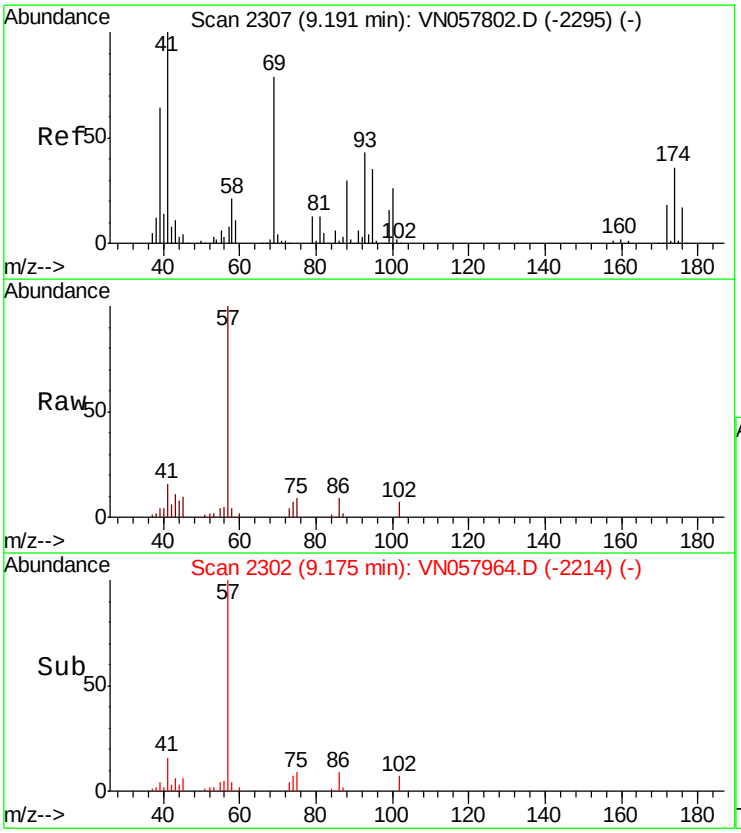
#45
1,2-Dichloropropane
Concen: 0.353 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 63 Resp: 1641

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.8	37.2#

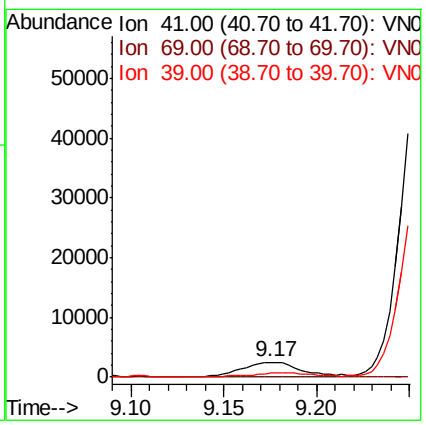


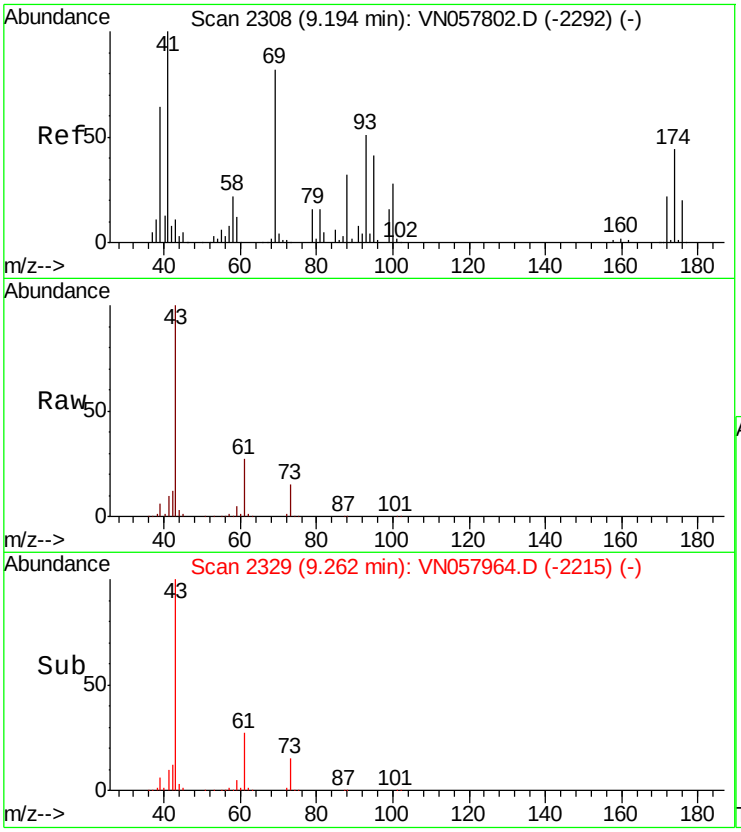


#48
Methyl methacrylate
Concen: 1.179 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 41 Resp: 5519

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	0.0	52.7	79.1#



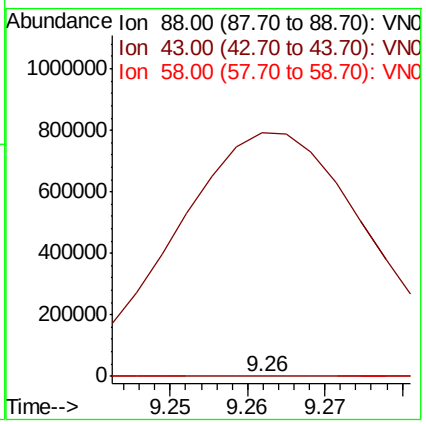


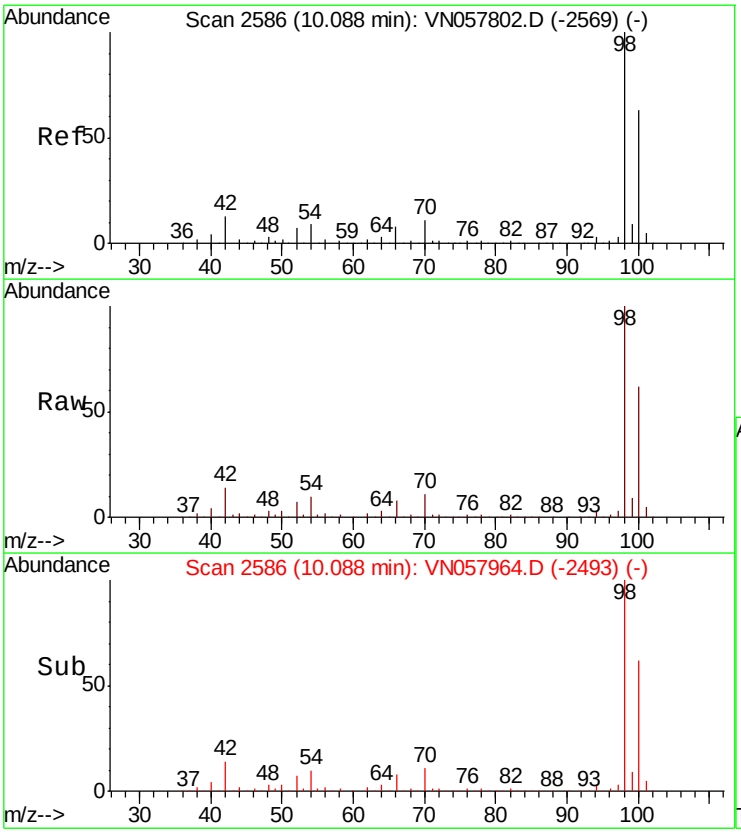
#49
1,4-Dioxane
Concen: 1.402 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 88 Resp: 111

Ion	Ratio	Lower	Upper
88	100		
43	1328947.7	28.5	42.7#
58	6260.4	55.8	83.6#

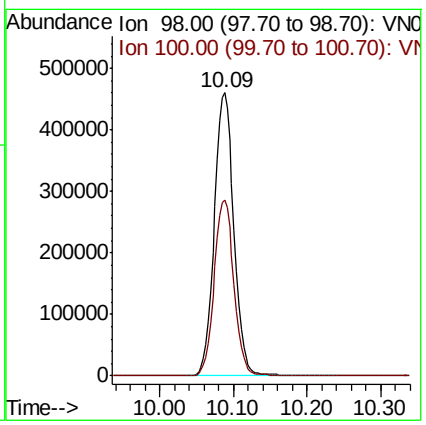


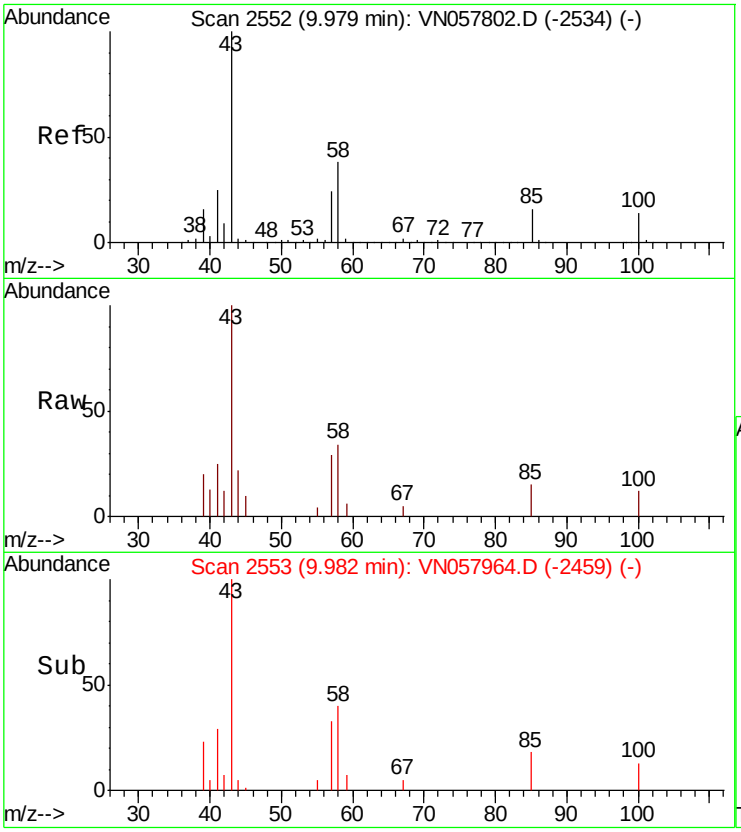


#50
Toluene-d8
Concen: 51.368 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 98 Resp: 843286

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.3	75.5



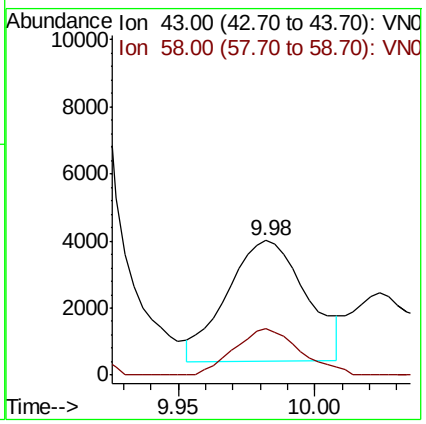


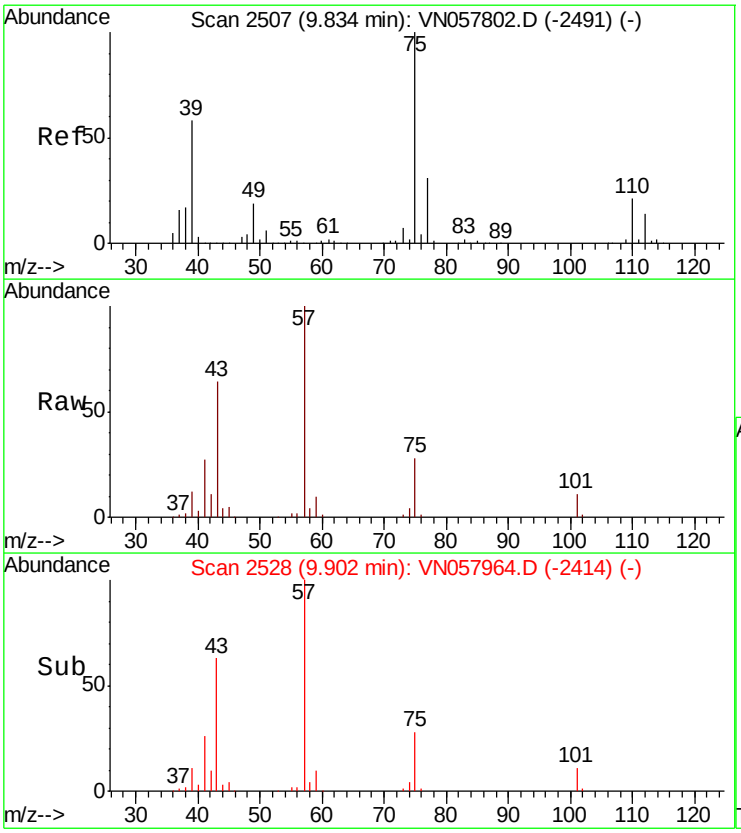
#51
4-Methyl-2-Pentanone
Concen: 1.334 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 43 Resp: 7290

Ion	Ratio	Lower	Upper
43	100		
58	31.7	29.8	44.6

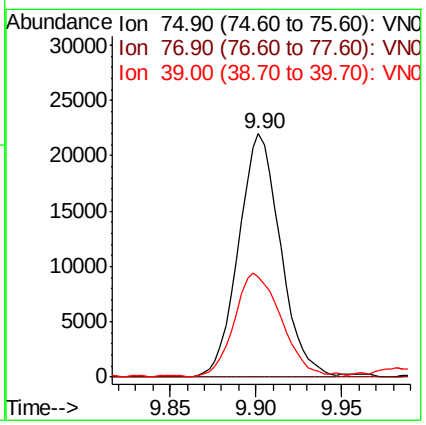


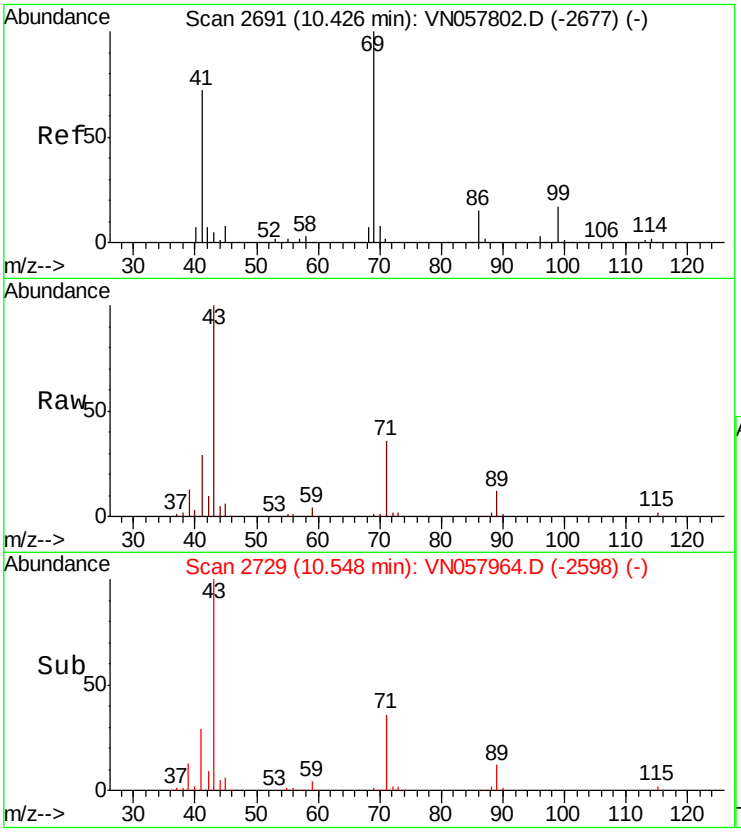


#54
cis-1,3-Dichloropropene
Concen: 5.726 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 75 Resp: 37390

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	41.1	46.2	69.4#



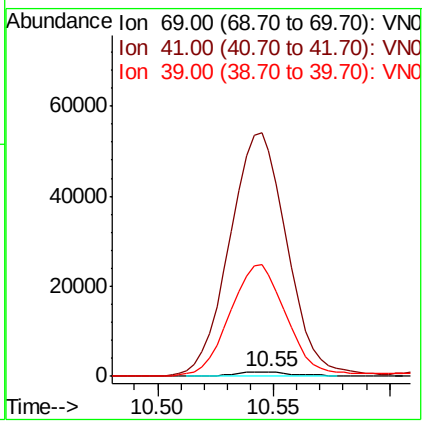


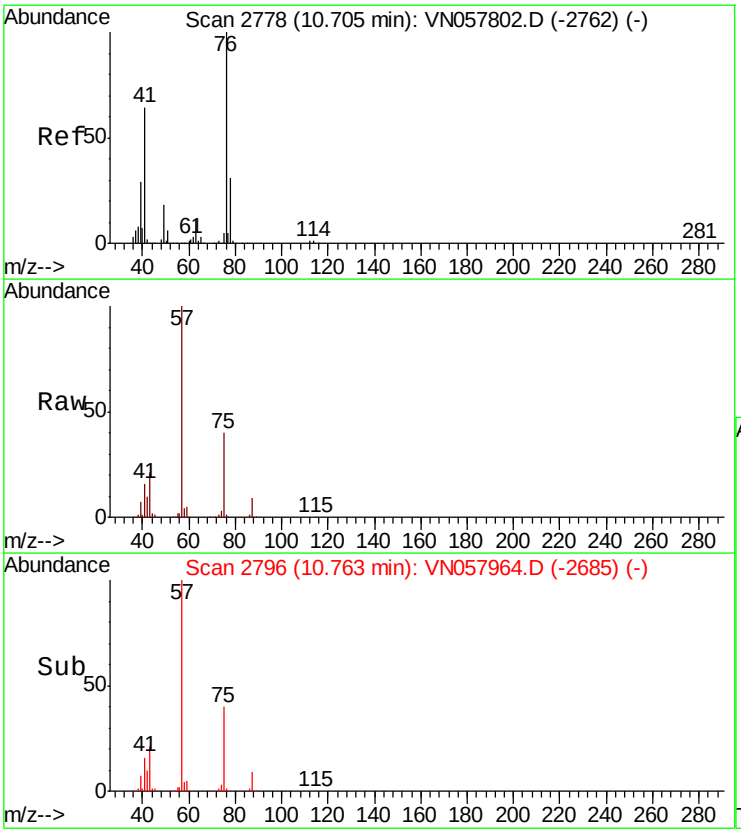
#56
Ethyl methacrylate
Concen: 0.269 ug/l
RT: 10.55 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Tgt Ion: 69 Resp: 1726

Ion	Ratio	Lower	Upper
69	100		
41	5424.7	56.7	85.1#
39	2448.7	36.3	54.5#

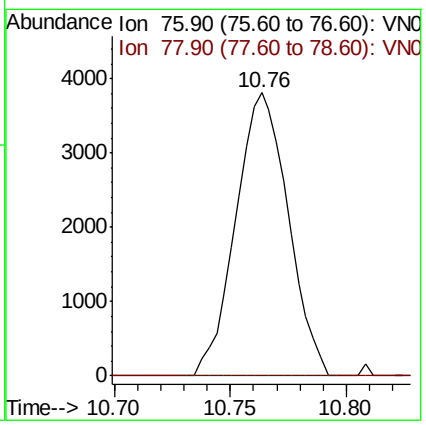


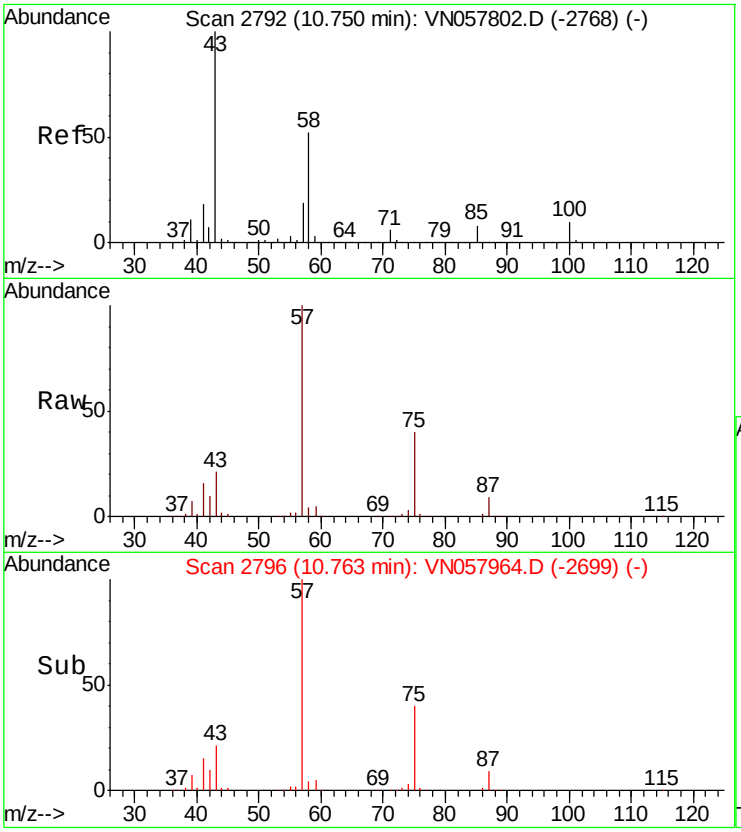


#57
1,3-Dichloropropane
Concen: 0.813 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 76 Resp: 5978

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#



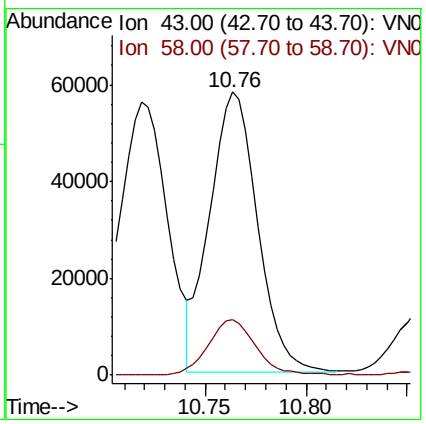


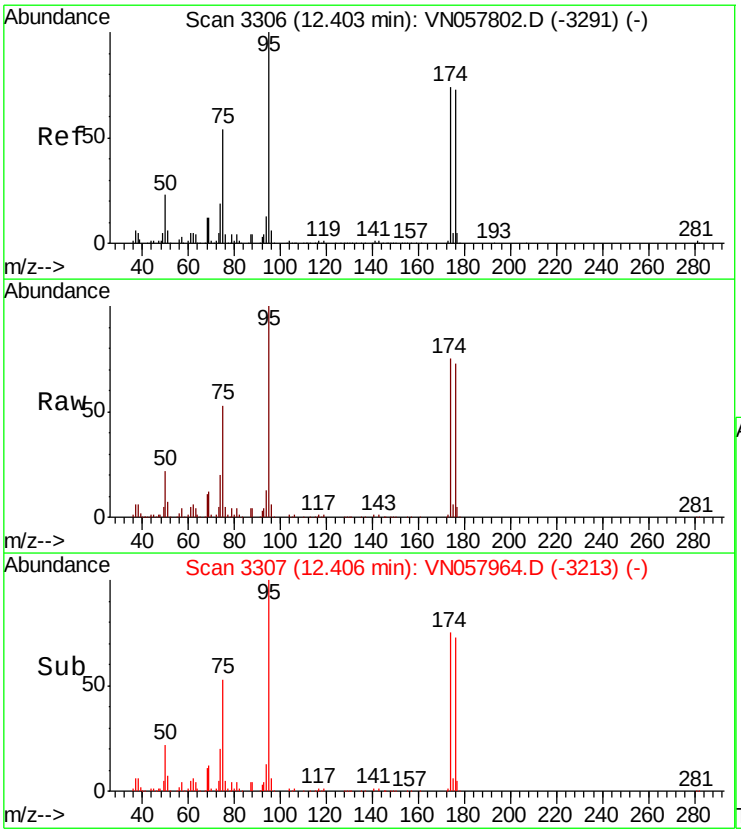
#59
2-Hexanone
Concen: 23.488 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 43 Resp: 96172

Ion	Ratio	Lower	Upper
43	100		
58	19.5	25.6	76.8#

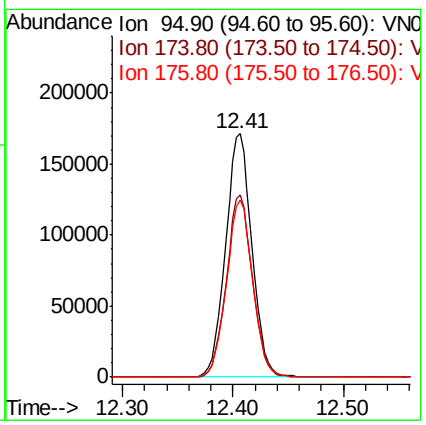


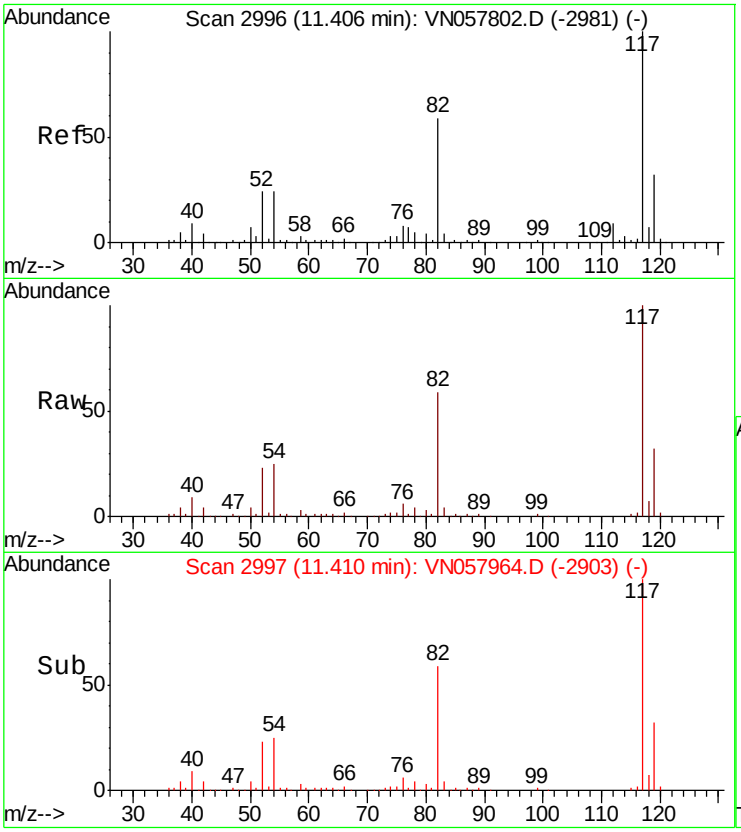


#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 95 Resp: 283087

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.2
176	72.3	0.0	146.0



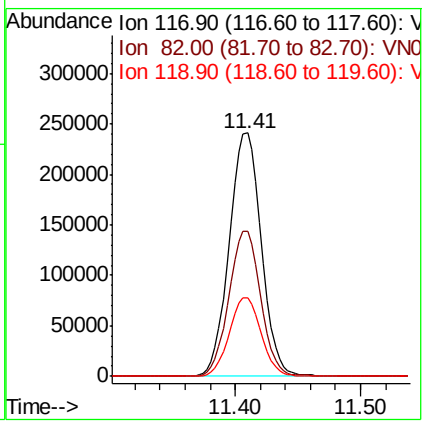


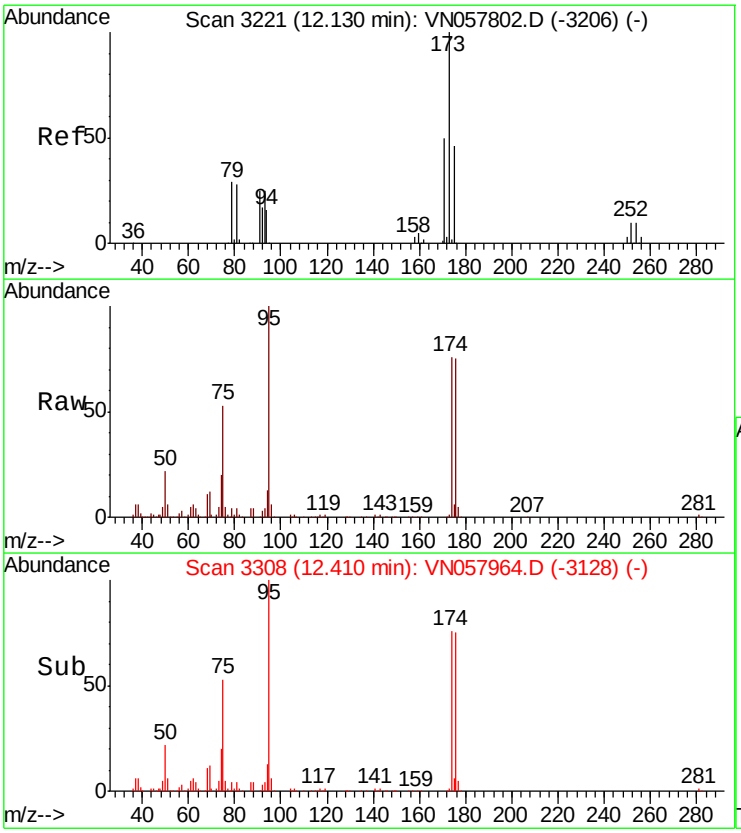
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Tgt Ion:117 Resp: 428680

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.2	70.8
119	32.1	25.3	37.9

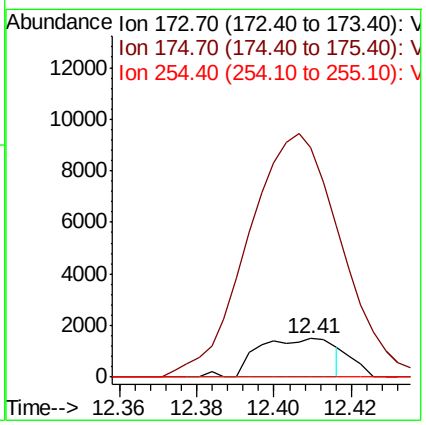


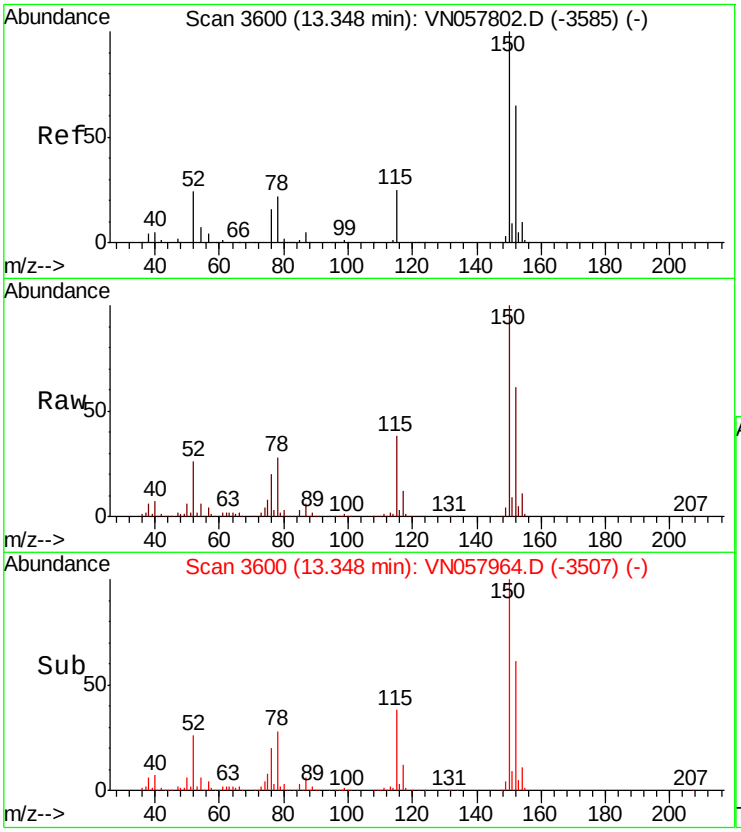


#71
Bromoform
Concen: 0.839 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion:173 Resp: 2037

Ion	Ratio	Lower	Upper
173	100		
175	670.3	23.5	70.6#
254	0.0	0.1	0.1#



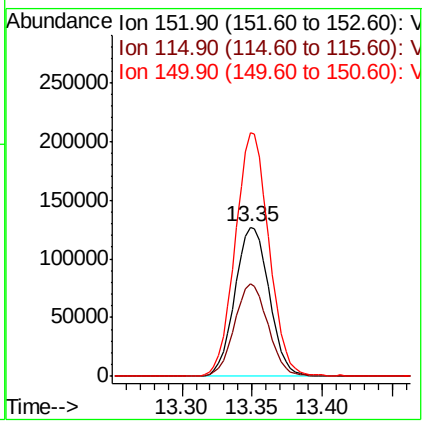


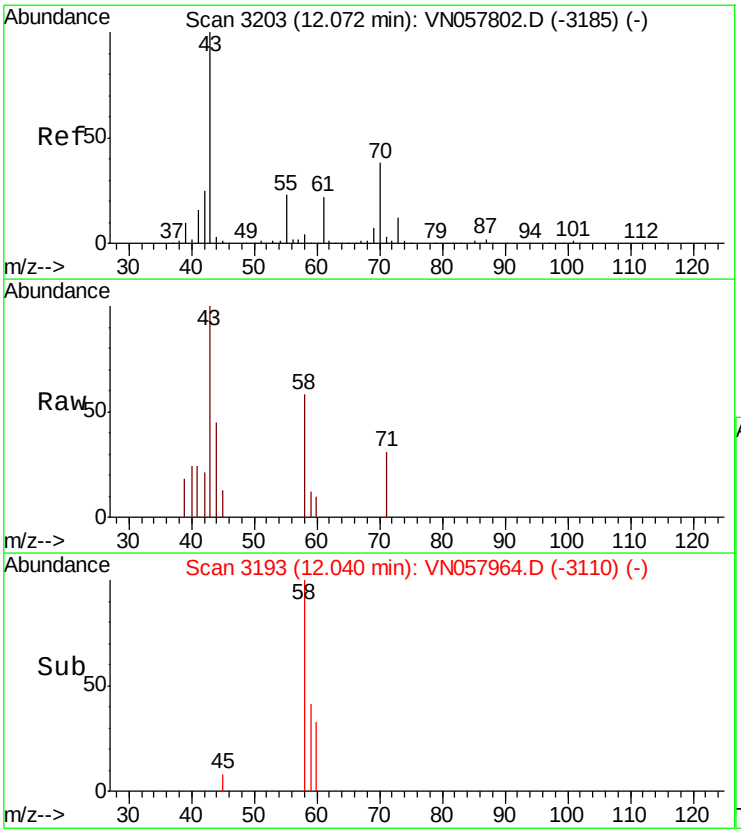
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Tgt Ion:152 Resp: 216688

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.3	91.0
150	160.4	0.0	352.4

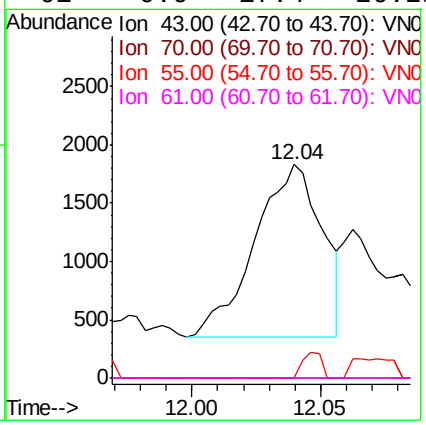


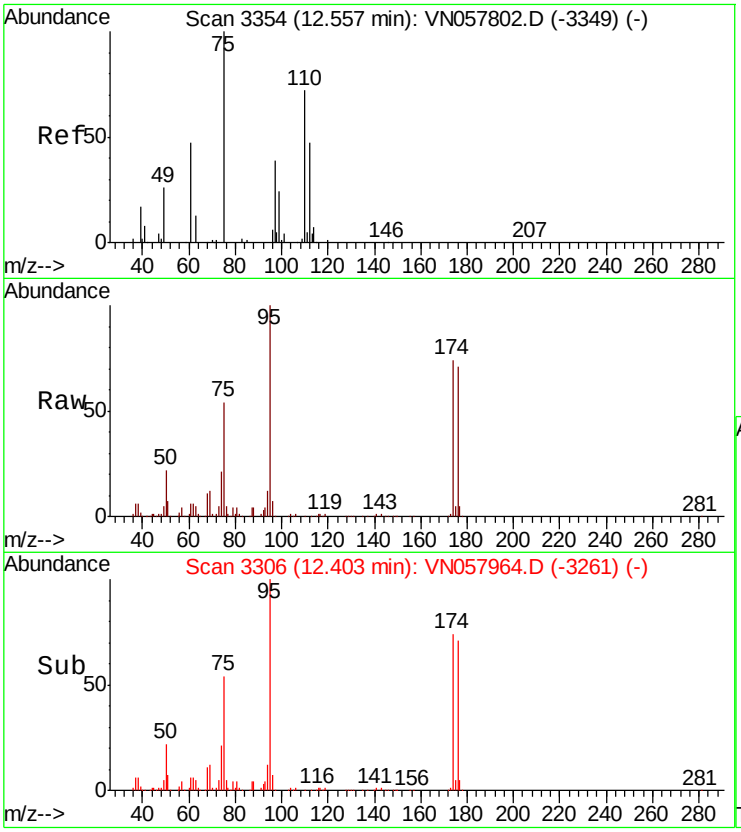


#74
N-amyl acetate
Concen: 0.366 ug/l
RT: 12.04 min Scan# 3193
Delta R.T. -0.03 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 2681

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.6	45.8#
55	4.2	18.6	27.8#
61	0.0	17.4	26.2#



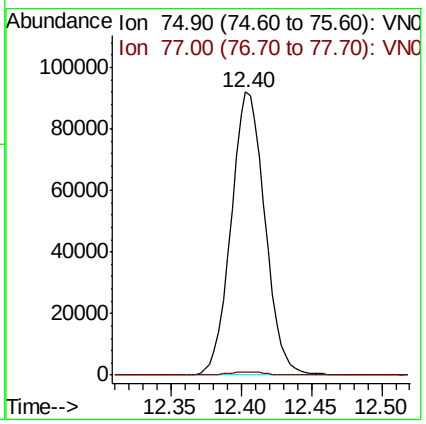


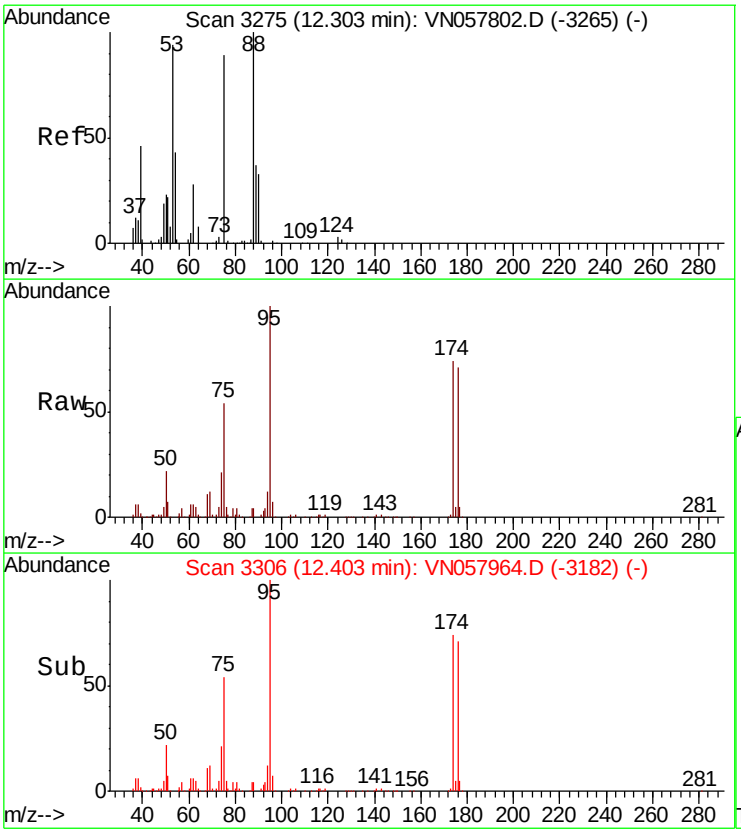
#76
1,2,3-Trichloropropane
Concen: 31.572 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
DRUM-3

Tgt Ion: 75 Resp: 154763

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

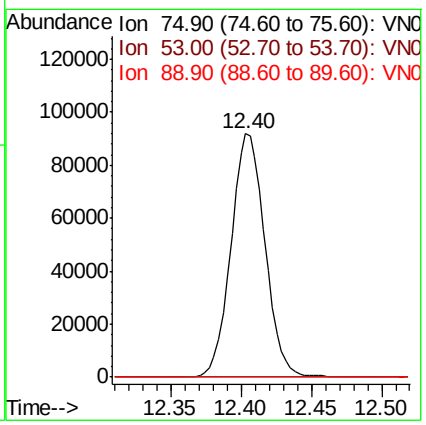


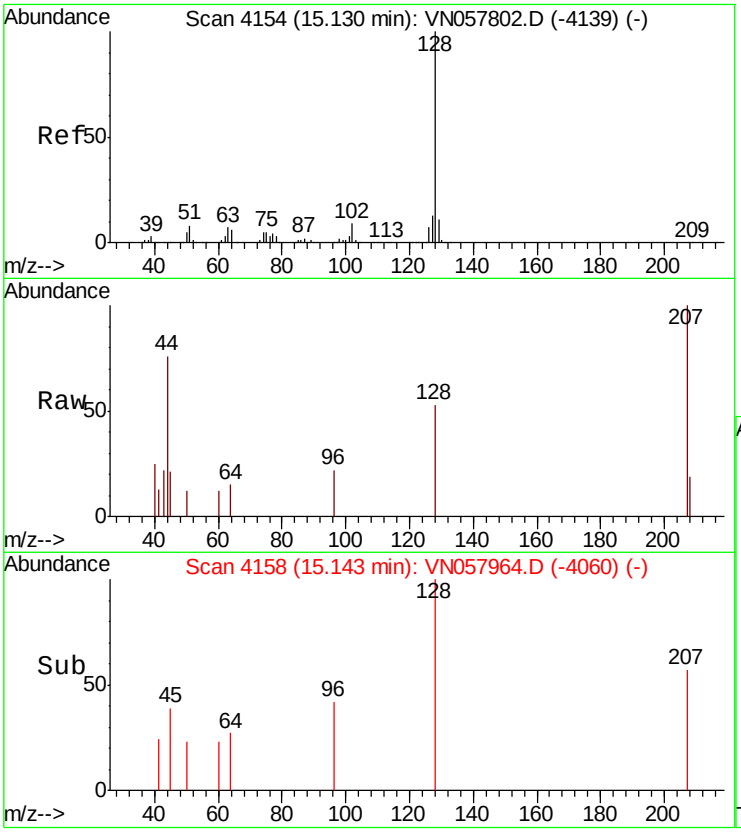


#81
trans-1,4-Dichloro-2-butene
Concen: 111.104 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion: 75 Resp: 154763

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	35.3	52.9#



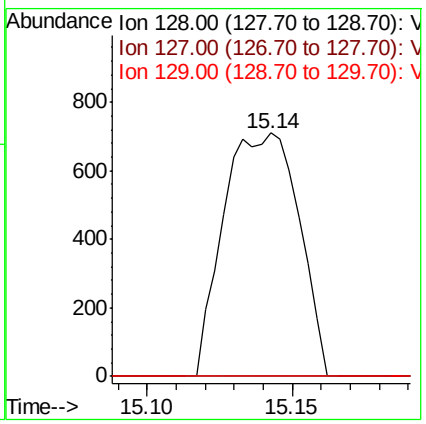


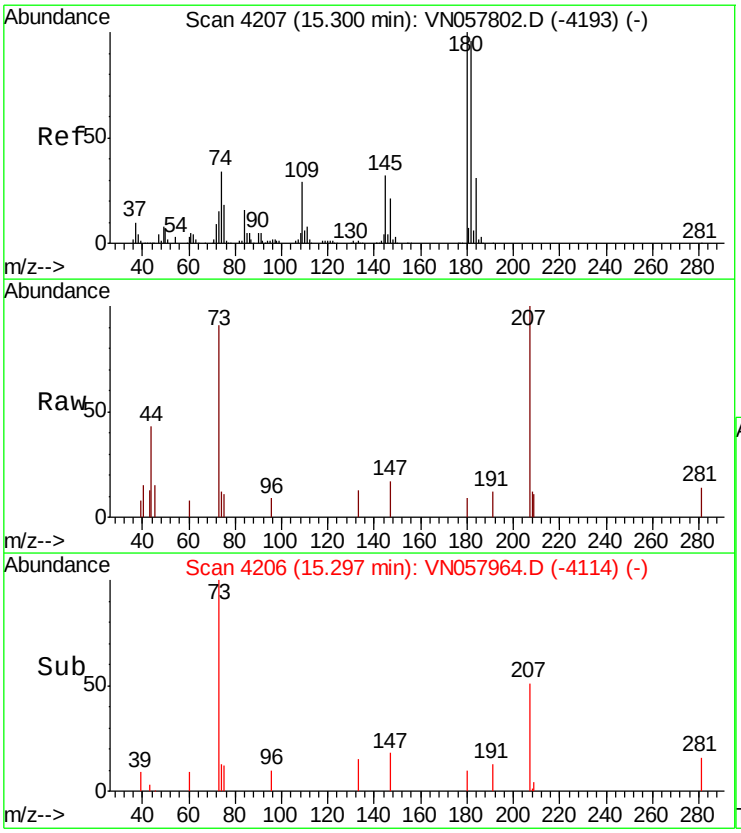
#95
Naphthalene
Concen: Below Cal
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Instrument : MSVOA_N
ClientSampleId : DRUM-3

Tgt Ion:128 Resp: 1278

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 1.035 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057964.D
Acq: 12 Sep 2019 12:42

Tgt Ion:180 Resp: 165

Ion	Ratio	Lower	Upper
180	100		
182	161.2	48.3	144.8#
145	0.0	16.3	48.8#