Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
Data File : VN059253.D
Acq On : 15 Nov 2019 10:34
Operator : JC/SP
Sample : K5670-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Quant Time: Nov 15 15:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	449174	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	700328	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	628197	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234047	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	272208	49.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.60%				
35) Dibromofluoromethane	7.57	113	214363	51.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.52%				
50) Toluene-d8	10.08	98	854960	51.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.82%				
62) 4-Bromofluorobenzene	12.40	95	275282	46.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.70%				
Target Compounds							Qvalue
16) Acetone	3.79	43	15545	5.414	ug/l		98
17) Carbon Disulfide	4.03	76	3062	0.235	ug/l	#	88
18) Methyl Acetate	4.31	43	3495	0.513	ug/l		94
20) Methylene Chloride	4.53	84	153840	30.754	ug/l		99
25) 2-Butanone	6.82	43	1703	0.450	ug/l		94
29) Tetrahydrofuran	7.20	42	536	0.223	ug/l	#	35
30) Chloroform	7.35	83	2500	0.287	ug/l		90
31) Cyclohexane	7.65	56	9041	1.052	ug/l	#	1
36) 1,1-Dichloropropene	7.64	75	33983	5.191	ug/l	#	51
38) Carbon Tetrachloride	7.64	117	42758	6.563	ug/l	#	16
43) Isopropyl Acetate	8.15	43	101821	8.770	ug/l	#	92
45) 1,2-Dichloropropane	9.25	63	2149	0.401	ug/l	#	44
48) Methyl methacrylate	9.17	41	6350	1.223	ug/l	#	14
49) 1,4-Dioxane	9.26	88	140	1.517	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.97	43	8340	1.270	ug/l		93
54) cis-1,3-Dichloropropene	9.90	75	43038	5.198	ug/l	#	63
56) Ethyl methacrylate	10.54	69	1649	2.072	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	7770	0.944	ug/l	#	42
59) 2-Hexanone	10.76	43	109605	21.738	ug/l	#	52
65) Chlorobenzene	11.43	112	3014	0.246	ug/l		91
74) N-amyl acetate	12.03	43	5101	0.707	ug/l	#	45
76) 1,2,3-Trichloropropane	12.40	75	134391	25.221	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	4795	0.332	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	134391	66.617	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.04	105	5096	0.365	ug/l		98
89) n-Butylbenzene	13.62	91	2704	0.216	ug/l		92
92) 1,2-Dibromo-3-Chloropropan	14.26	75	640	0.579	ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	2653	3.616	ug/l		92
94) Hexachlorobutadiene	15.01	225	573	0.231	ug/l		75
95) Naphthalene	15.13	128	14212	4.145	ug/l		98
96) 1,2,3-Trichlorobenzene	15.29	180	3696	0.915	ug/l	#	83

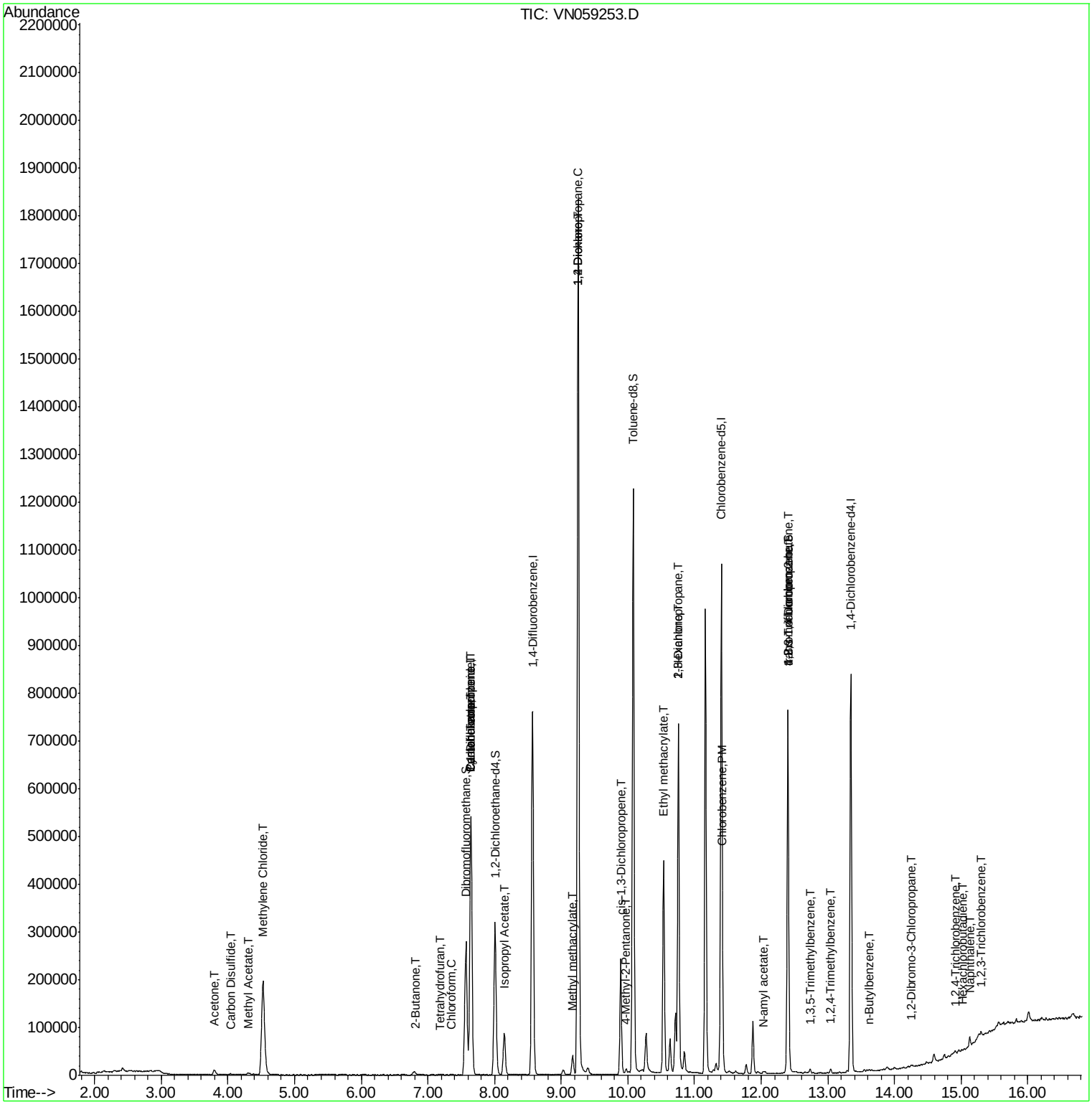
(#) = qualifier out of range (m) = manual integration (+) = signals summed

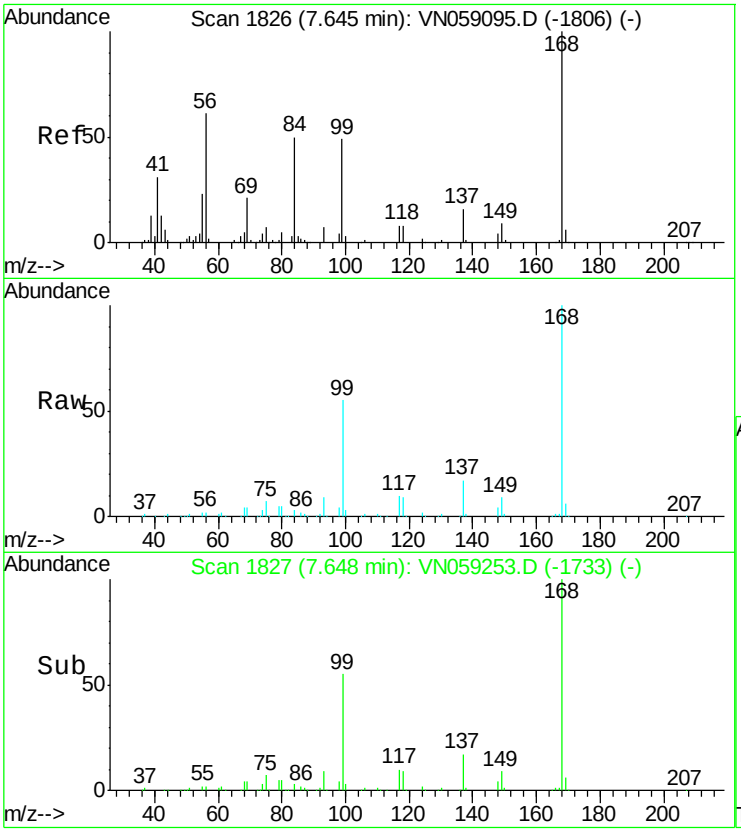
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
Data File : VN059253.D
Acq On : 15 Nov 2019 10:34
Operator : JC/SP
Sample : K5670-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Quant Time: Nov 15 15:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration



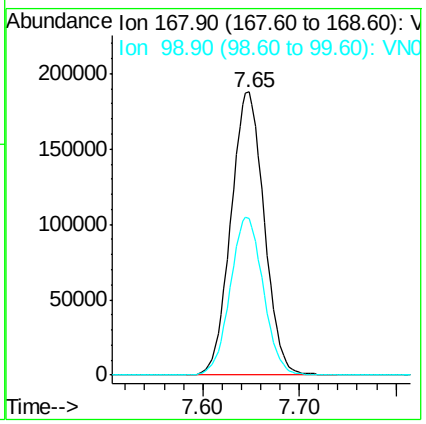


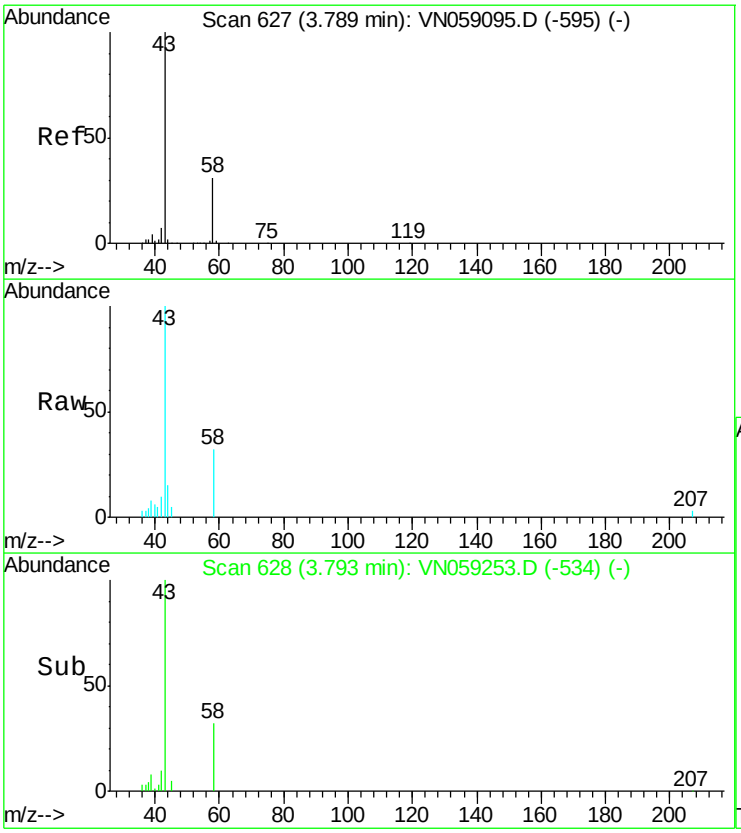
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion:168 Resp: 449174

Ion	Ratio	Lower	Upper
168	100		
99	55.1	45.7	68.5

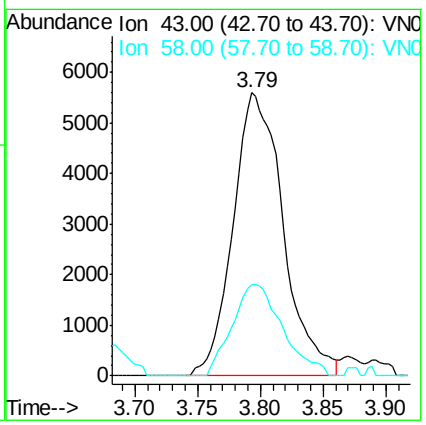


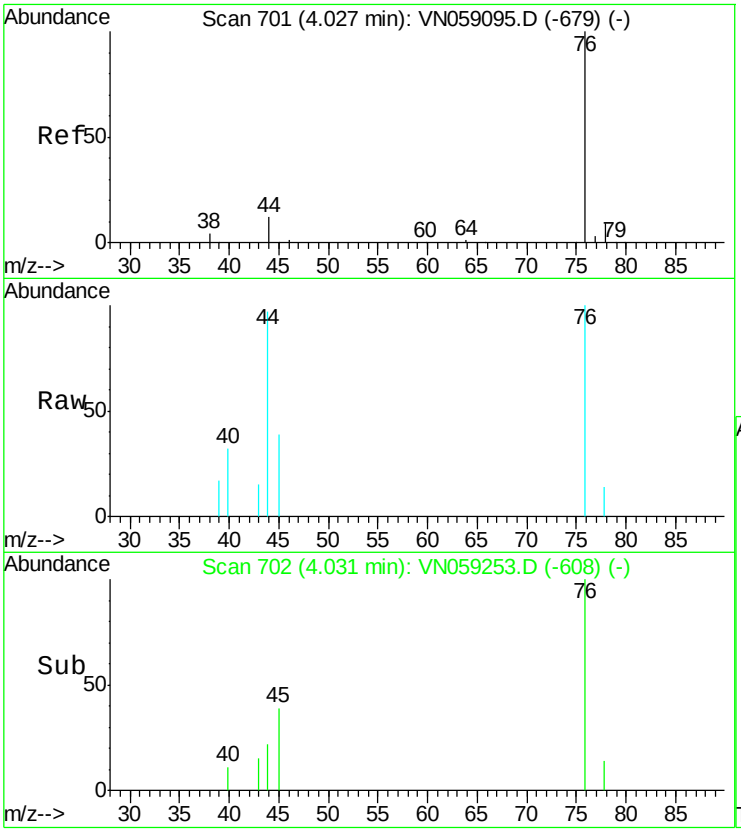


#16
Acetone
Concen: 5.414 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 15545

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.9	37.3



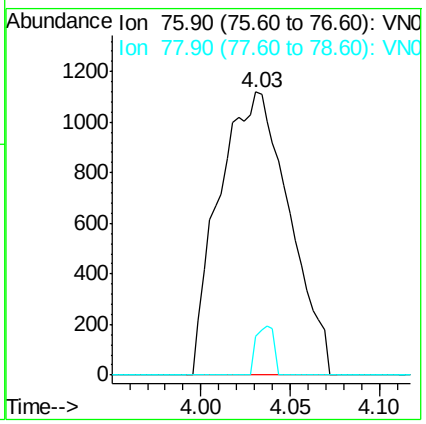


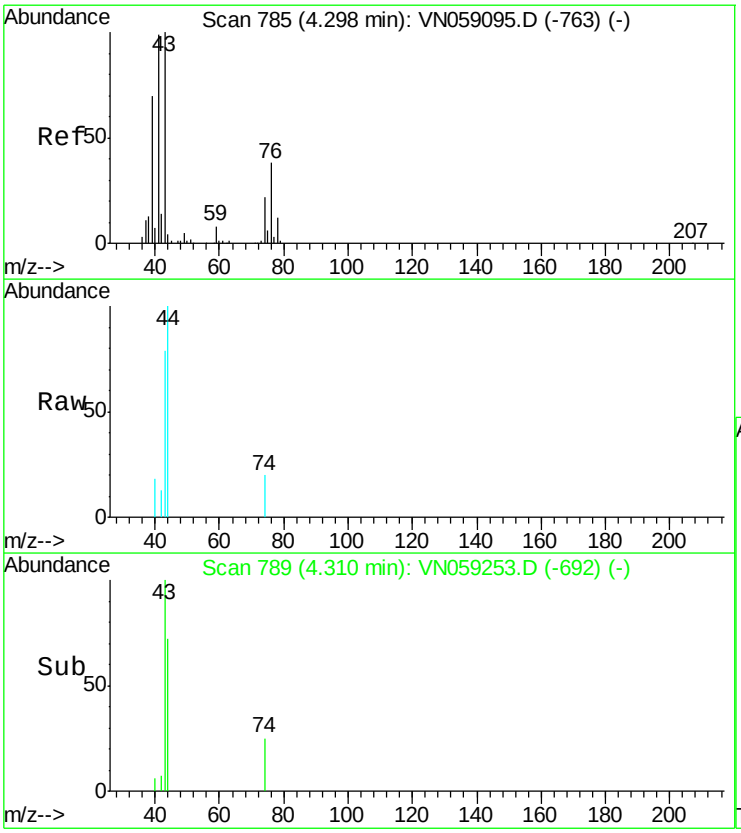
#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion: 76 Resp: 3062

Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.4	11.0#

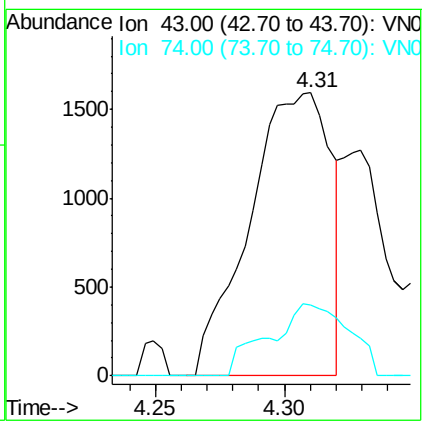


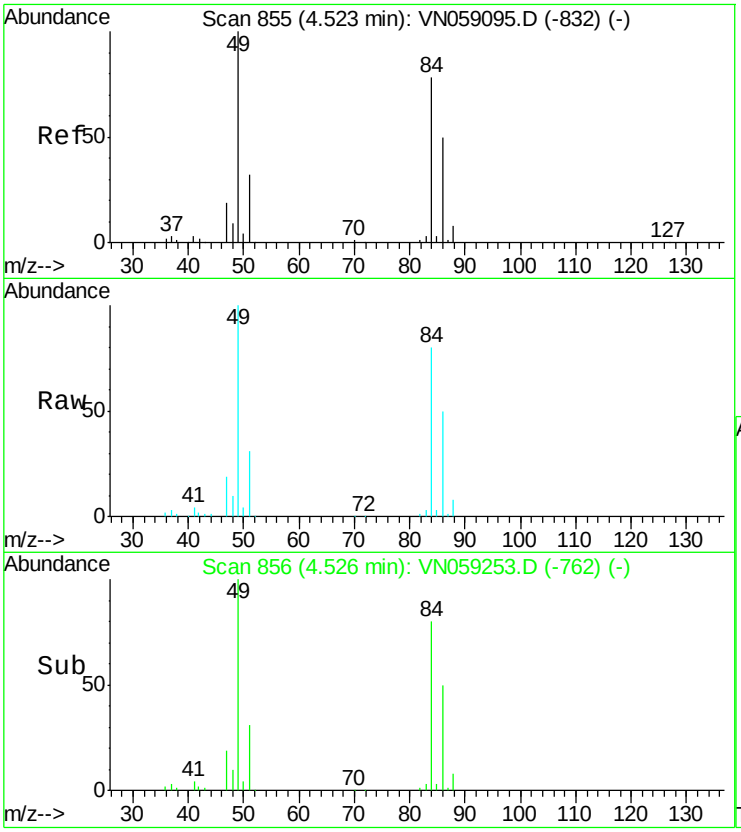


#18
Methyl Acetate
Concen: 0.513 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 3495

Ion	Ratio	Lower	Upper
43	100		
74	24.9	17.8	26.8



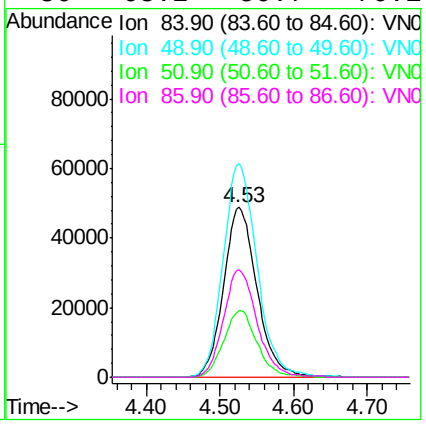


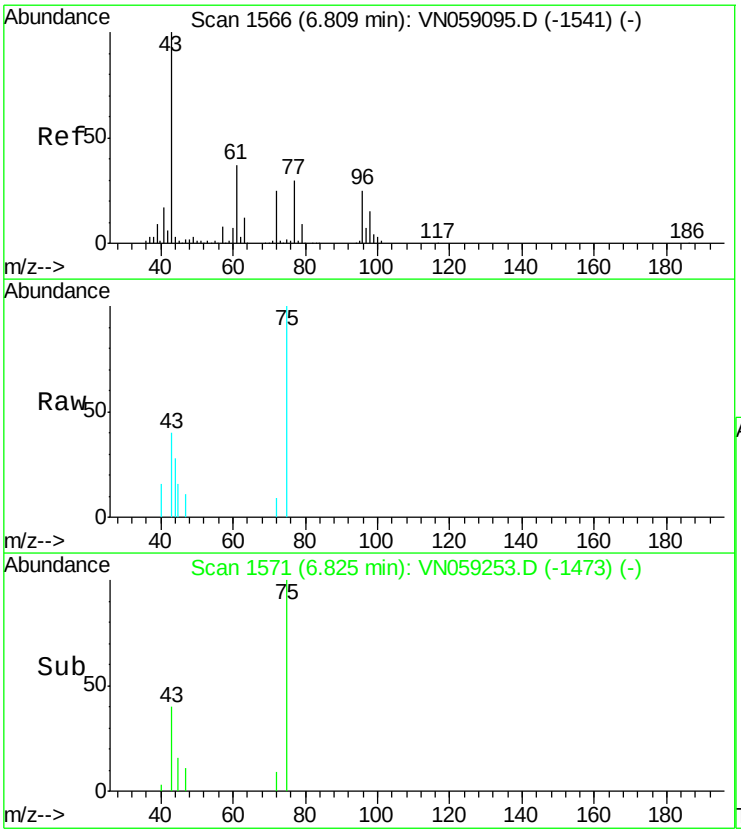
#20
Methylene Chloride
Concen: 30.754 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 84 Resp: 153840

Ion	Ratio	Lower	Upper
84	100		
49	125.6	102.0	153.0
51	39.2	32.2	48.2
86	63.2	50.7	76.1

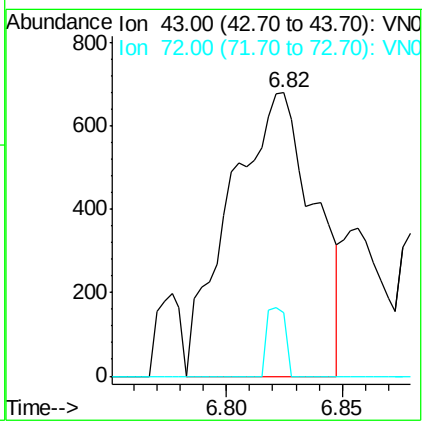


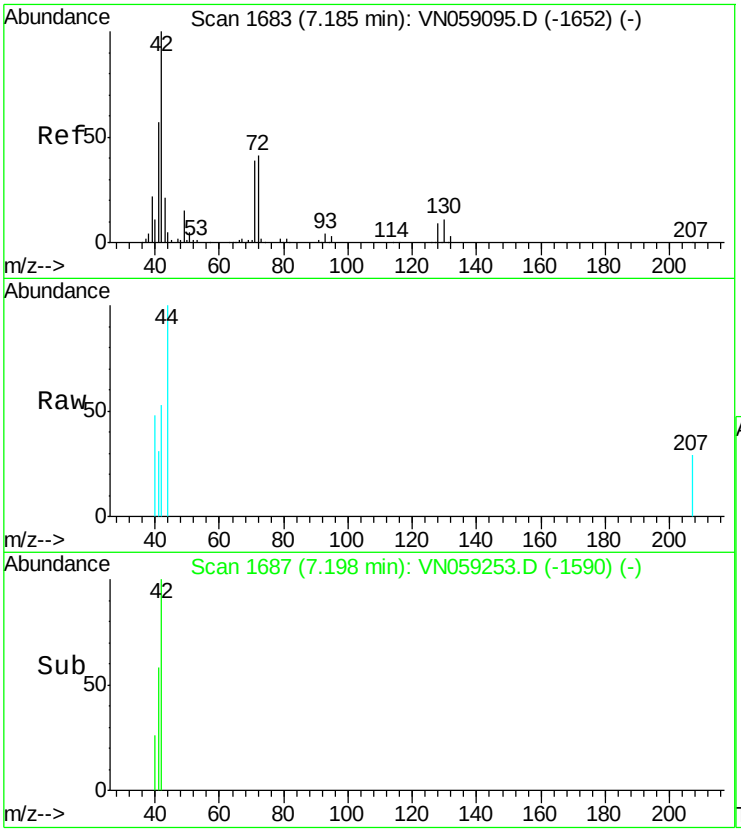


#25
2-Butanone
Concen: 0.450 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 1703

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.3	30.5



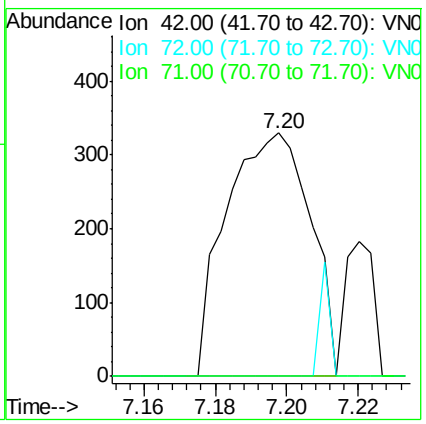


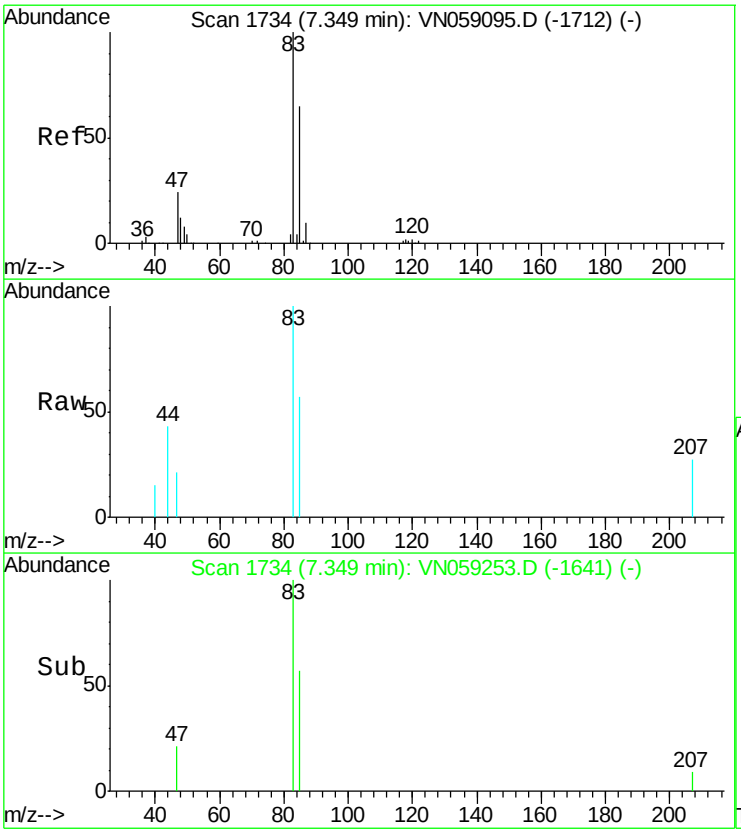
#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 42 Resp: 536

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.1	49.7#
71	0.0	30.9	46.3#

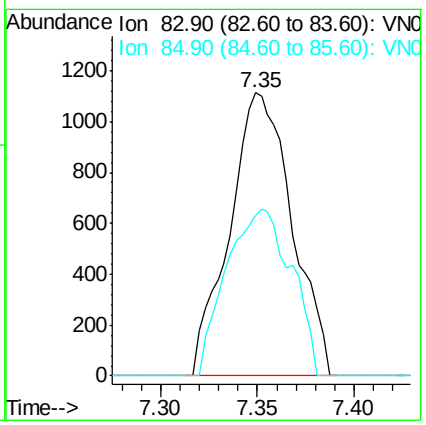


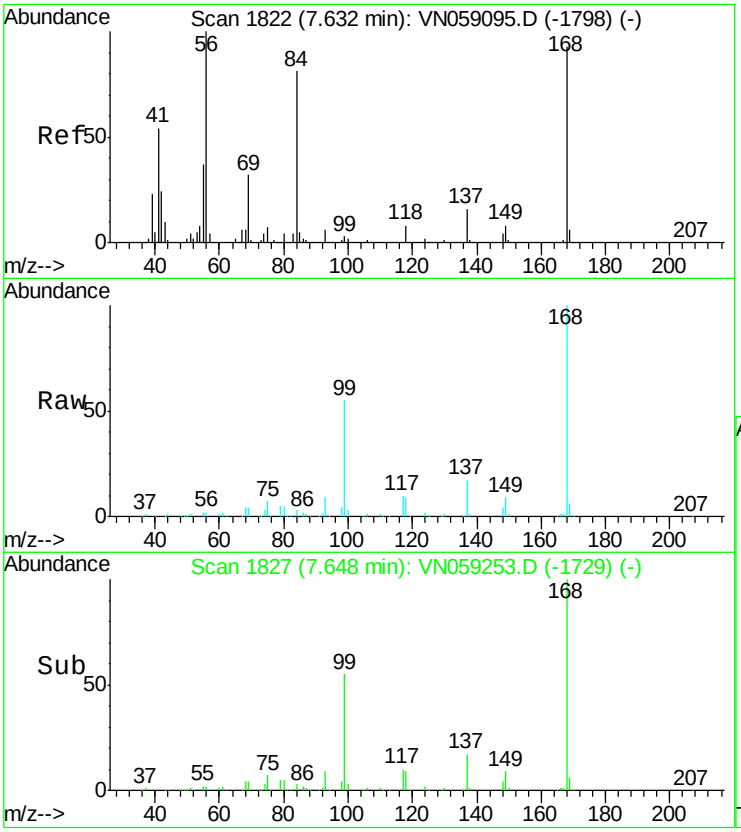


#30
Chloroform
Concen: 0.287 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 83 Resp: 2500

Ion	Ratio	Lower	Upper
83	100		
85	56.9	51.8	77.8



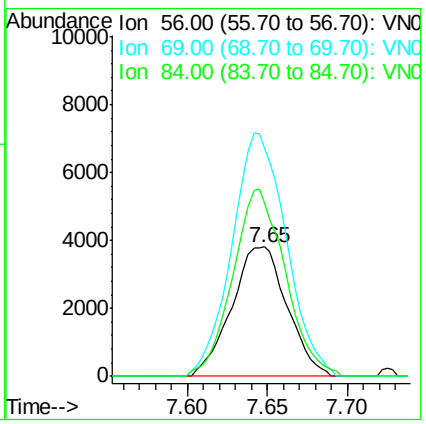


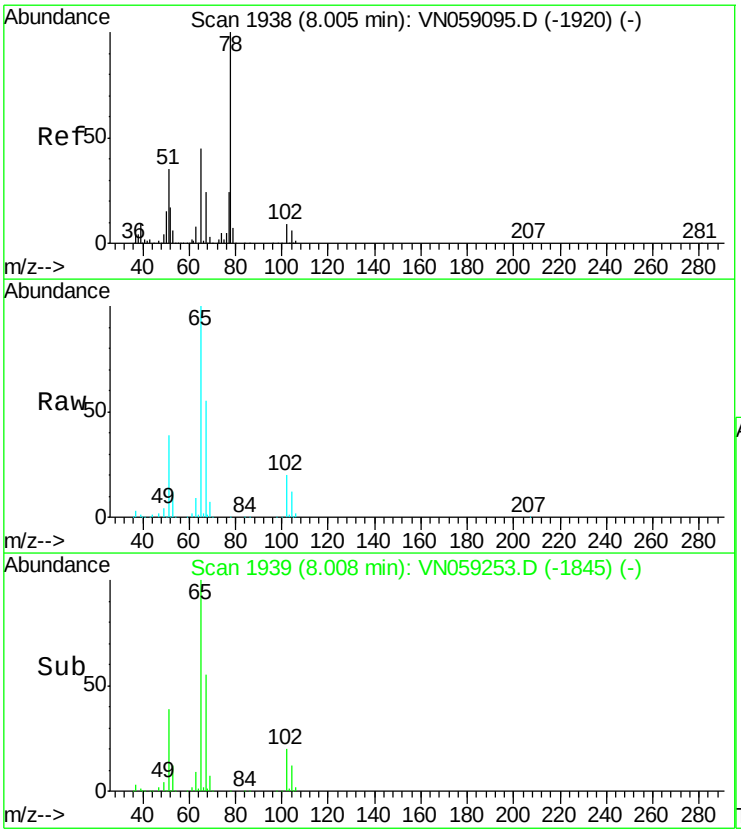
#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion: 56 Resp: 9041

Ion	Ratio	Lower	Upper
56	100		
69	176.4	25.8	38.8#
84	133.8	65.0	97.4#

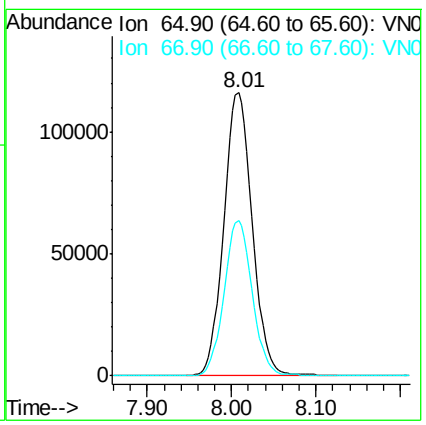


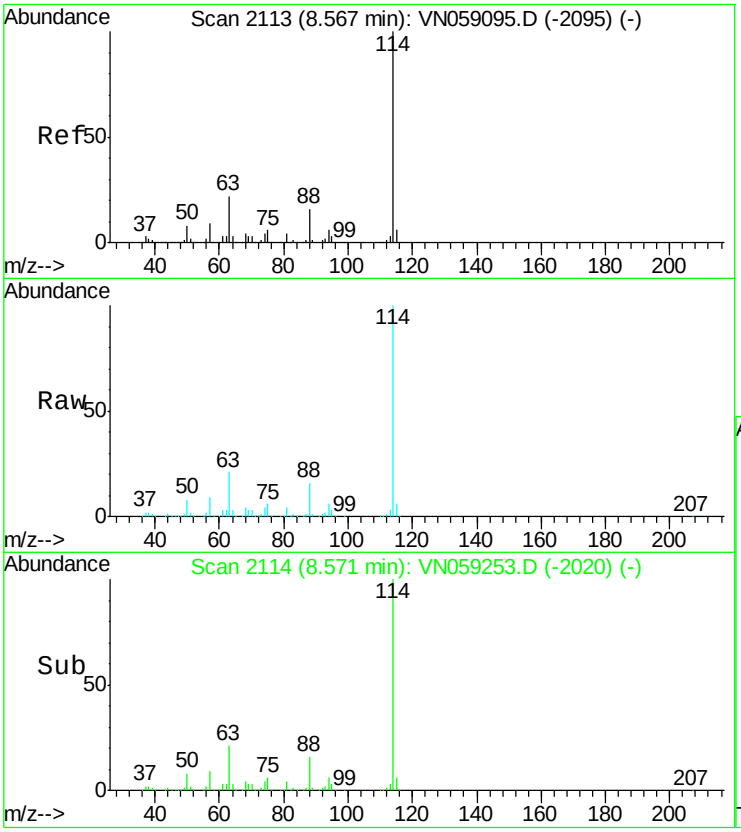


#33
1,2-Dichloroethane-d4
Concen: 49.300 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 65 Resp: 272208

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.4



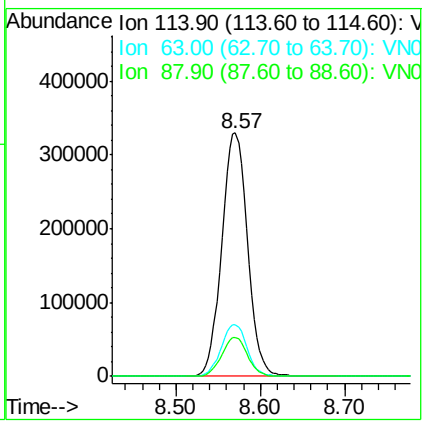


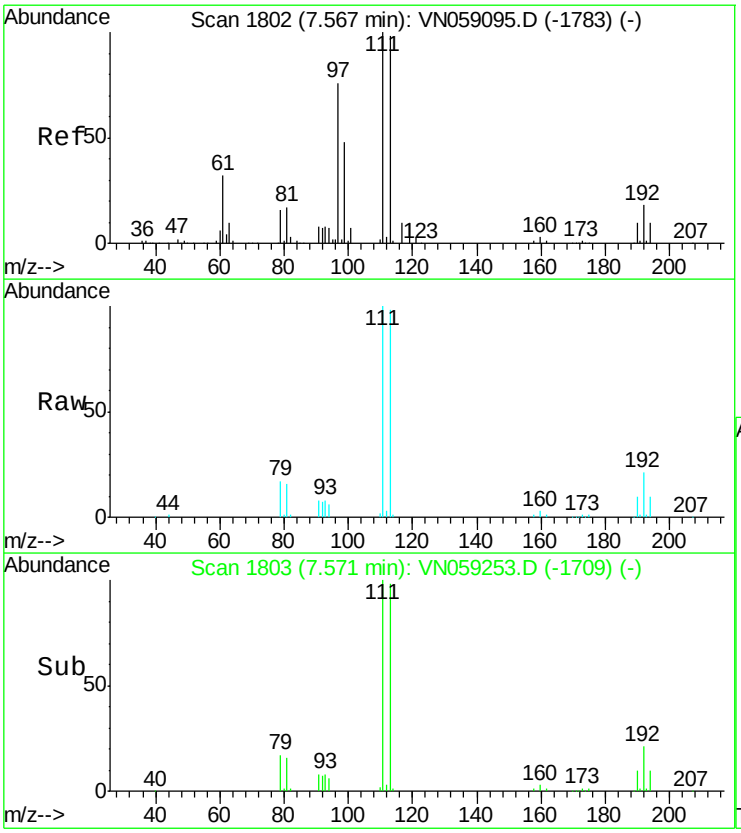
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion:114 Resp: 700328

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.1	0.0	32.2

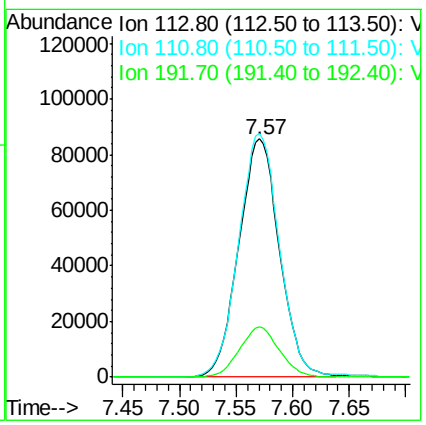


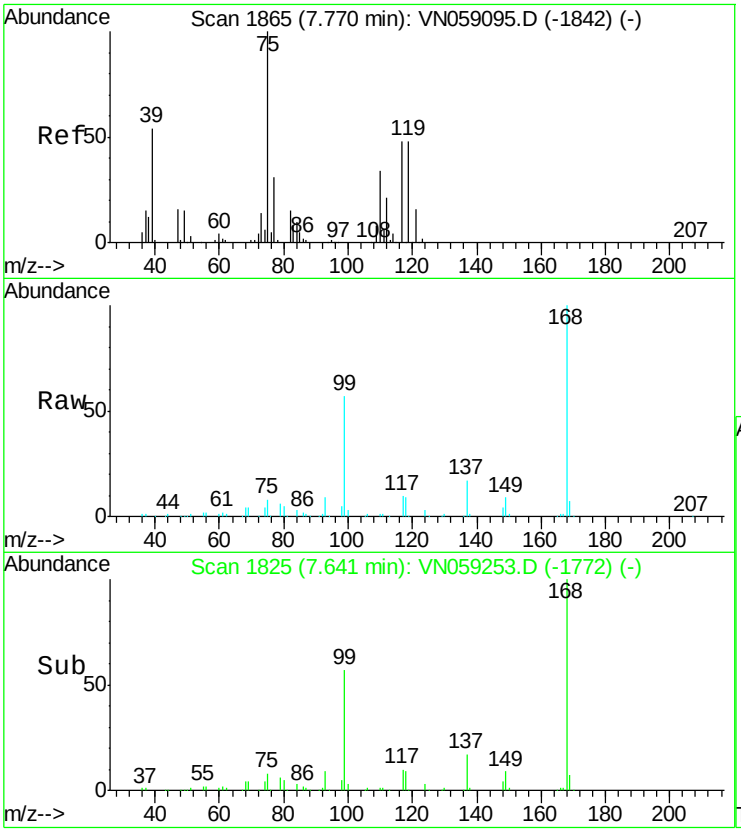


#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:113 Resp: 214363

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	20.6	16.1	24.1



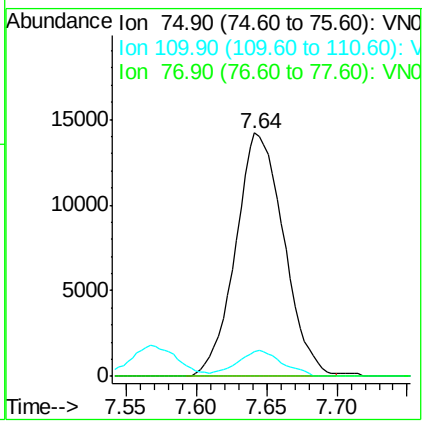


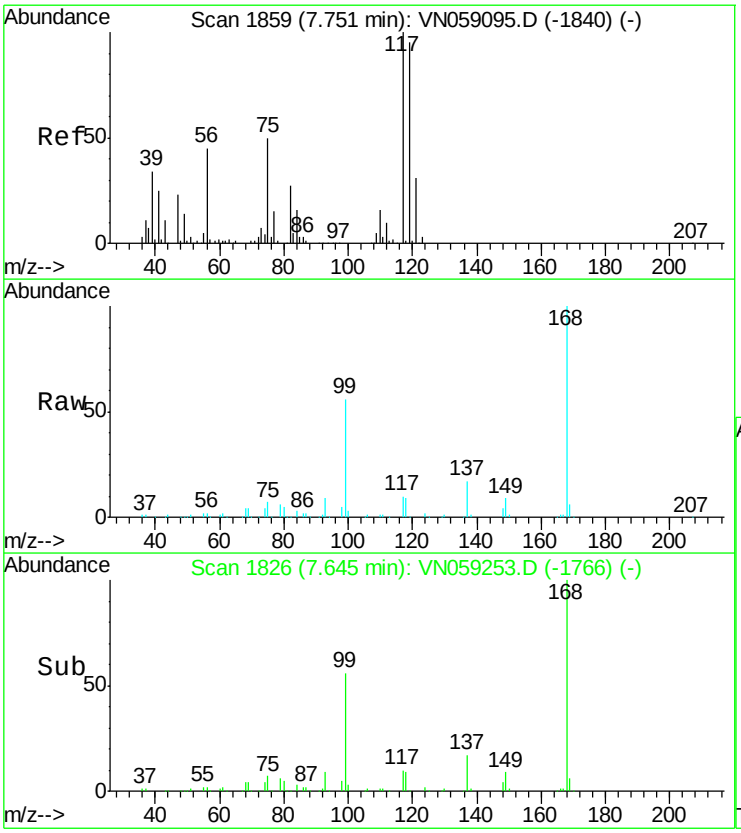
#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 75 Resp: 33983

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.2#
77	0.0	24.8	37.2#

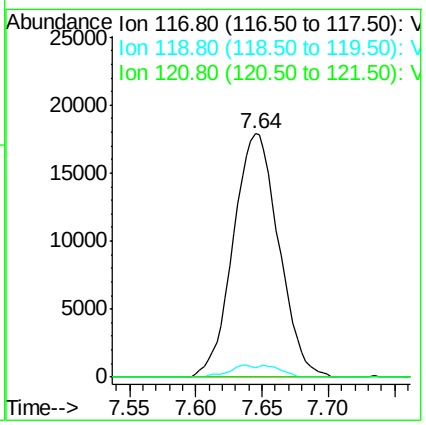


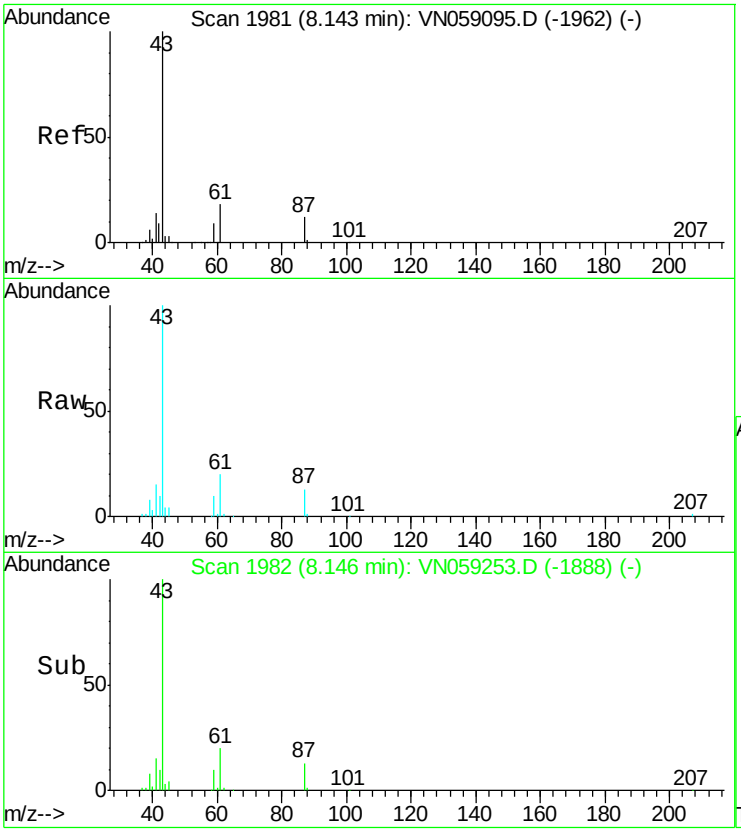


#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:117 Resp: 42758

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.6	113.4#
121	0.0	24.6	36.8#



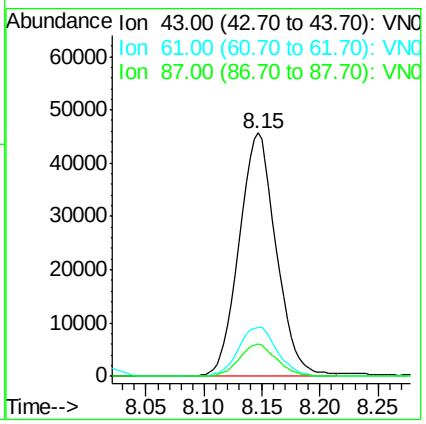


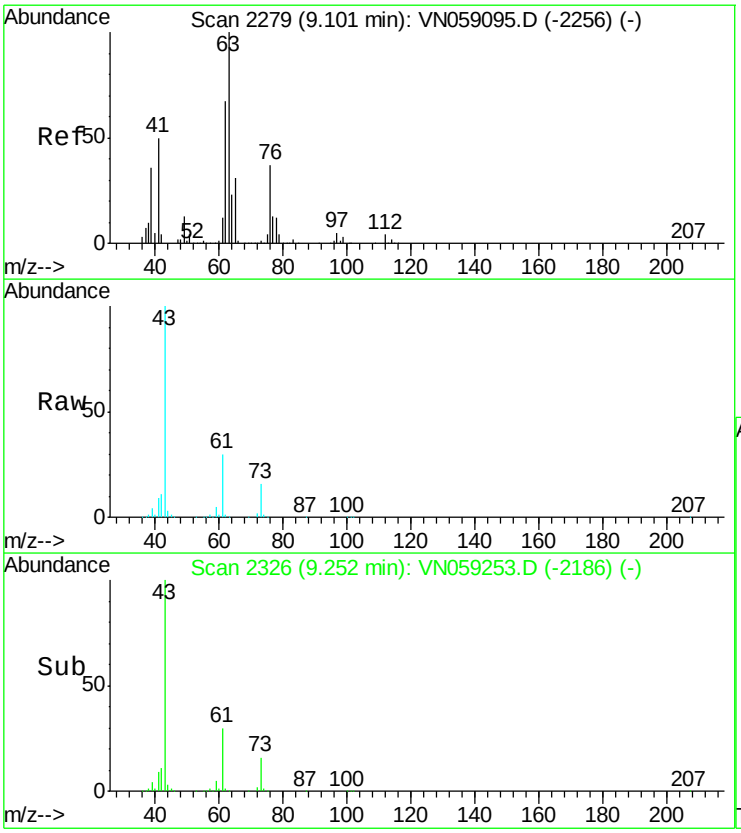
#43
Isopropyl Acetate
Concen: 8.770 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 43 Resp: 101821

Ion	Ratio	Lower	Upper
43	100		
61	20.9	21.0	31.6#
87	13.1	9.8	14.6

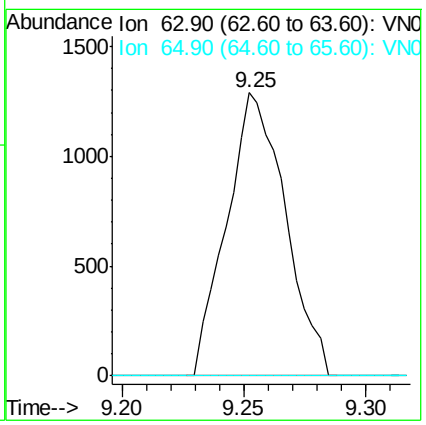


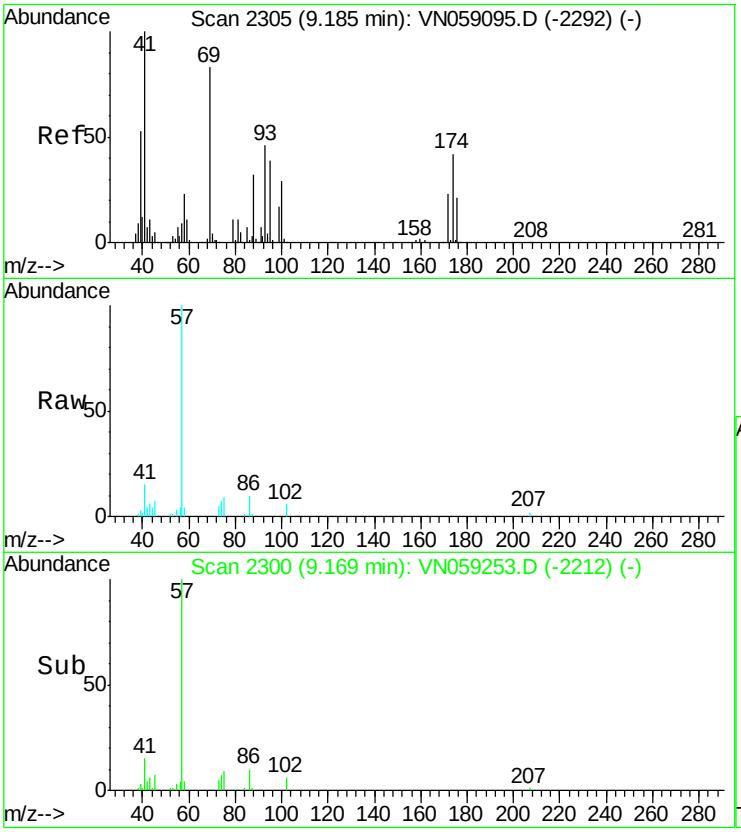


#45
1,2-Dichloropropane
Concen: 0.401 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.15 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 63 Resp: 2149

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



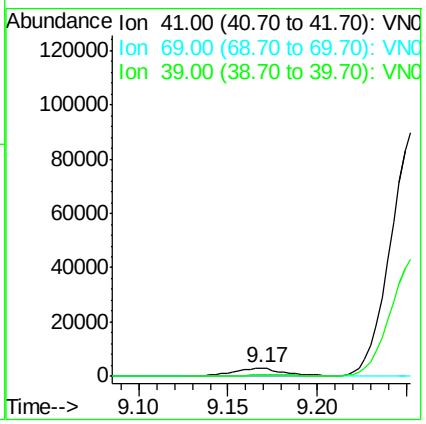


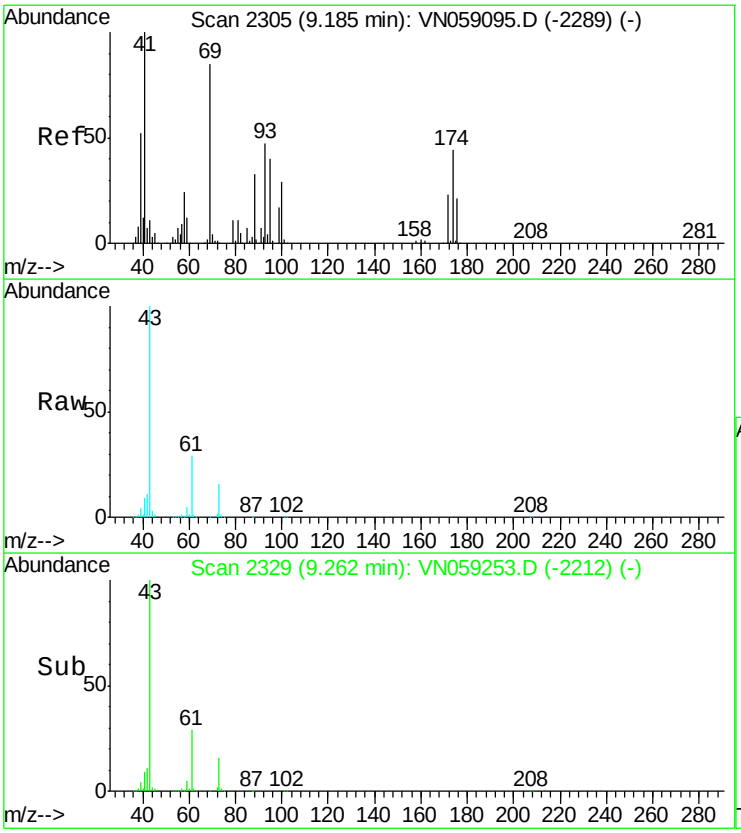
#48
Methyl methacrylate
Concen: 1.223 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 41 Resp: 6350

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.3	100.9#
39	0.0	43.3	64.9#

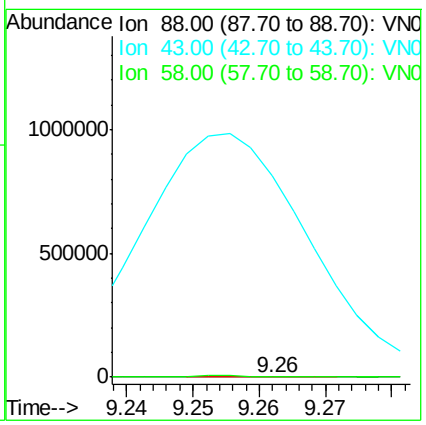


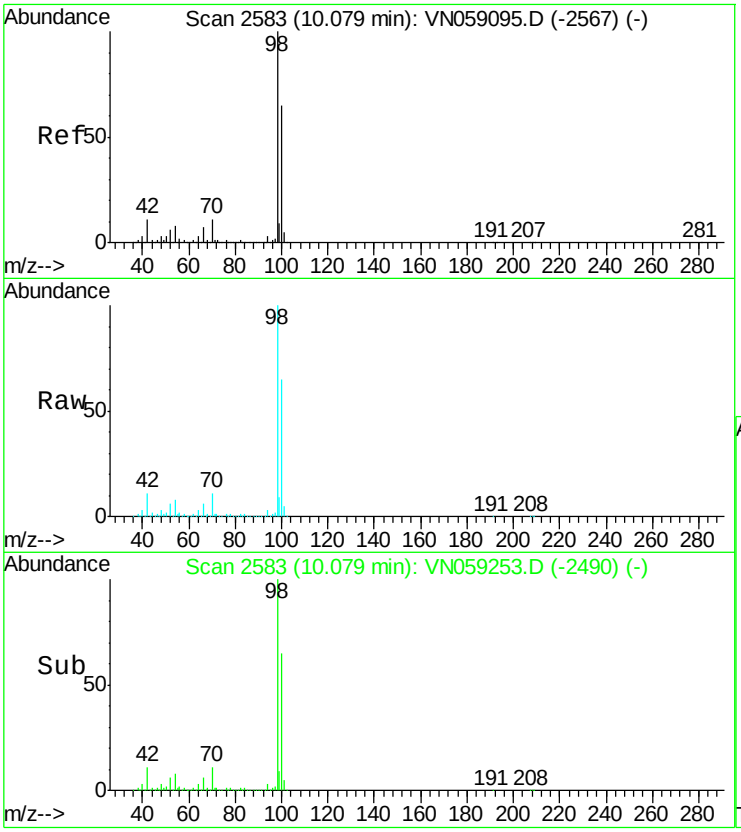


#49
1,4-Dioxane
Concen: 1.517 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.08 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 88 Resp: 140

Ion	Ratio	Lower	Upper
88	100		
43	1304422.9	26.3	39.5#
58	5819.3	60.6	90.8#



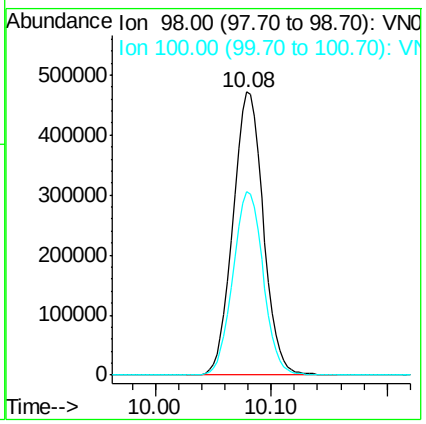


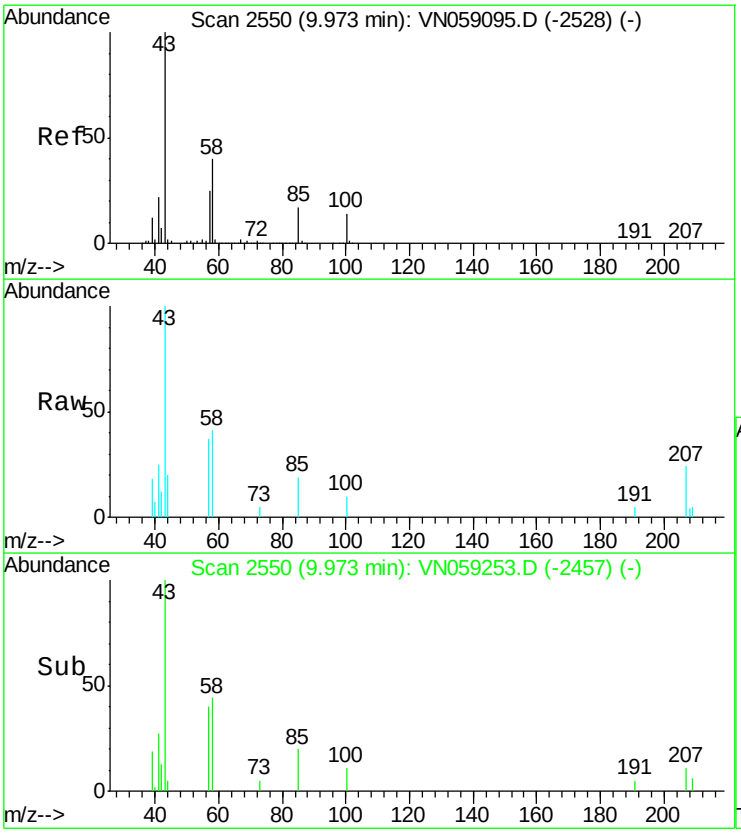
#50
Toluene-d8
Concen: 51.907 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 98 Resp: 854960

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

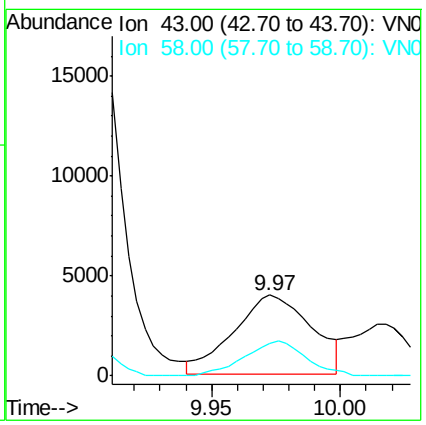


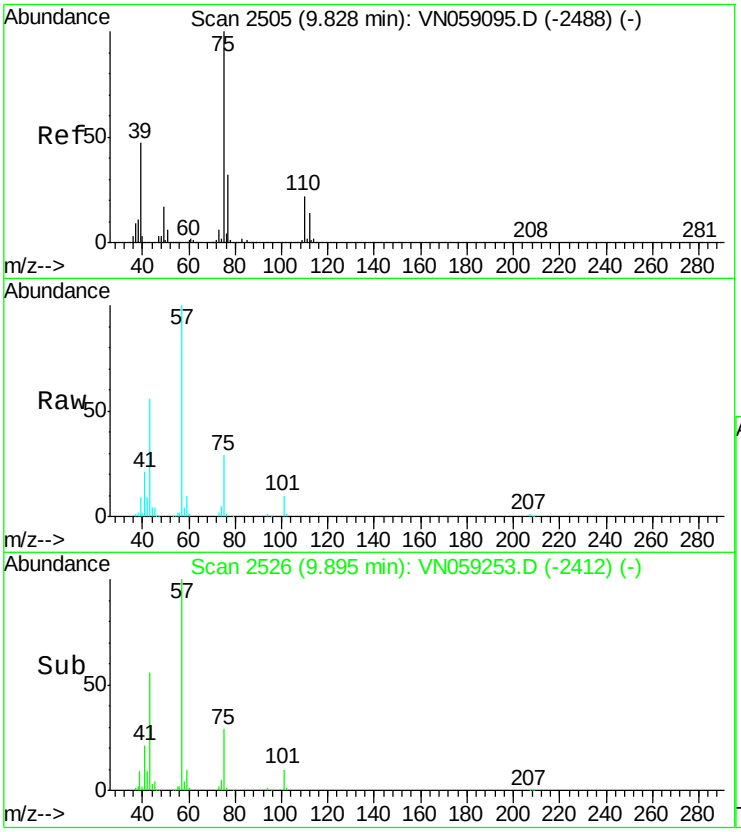


#51
4-Methyl-2-Pentanone
Concen: 1.270 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 8340

Ion	Ratio	Lower	Upper
43	100		
58	34.9	31.5	47.3



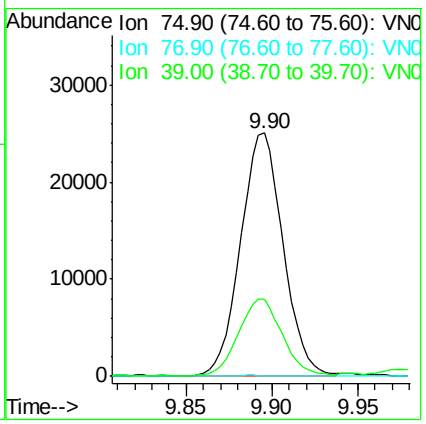


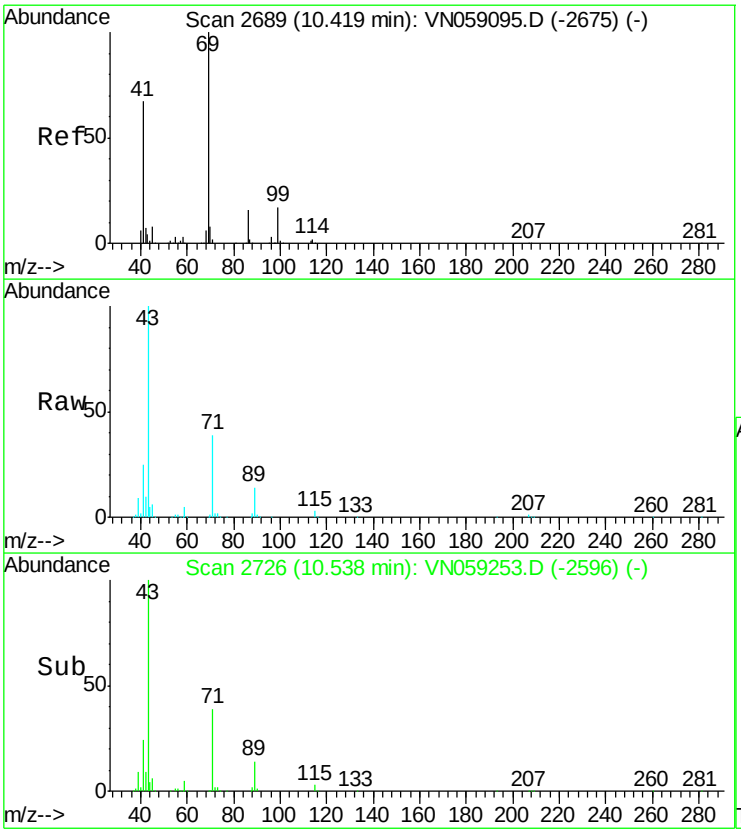
#54
cis-1,3-Dichloropropene
Concen: 5.198 ug/l
RT: 9.90 min Scan# 2526
Delta R.T. 0.07 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 75 Resp: 43038

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	31.5	37.3	55.9#

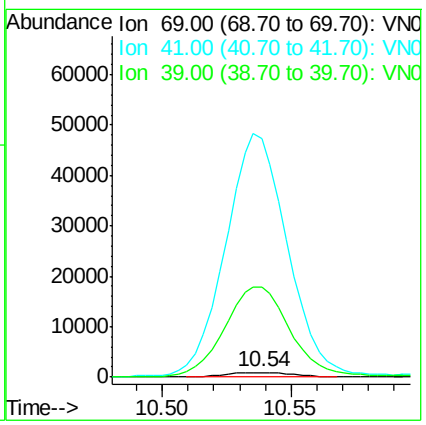


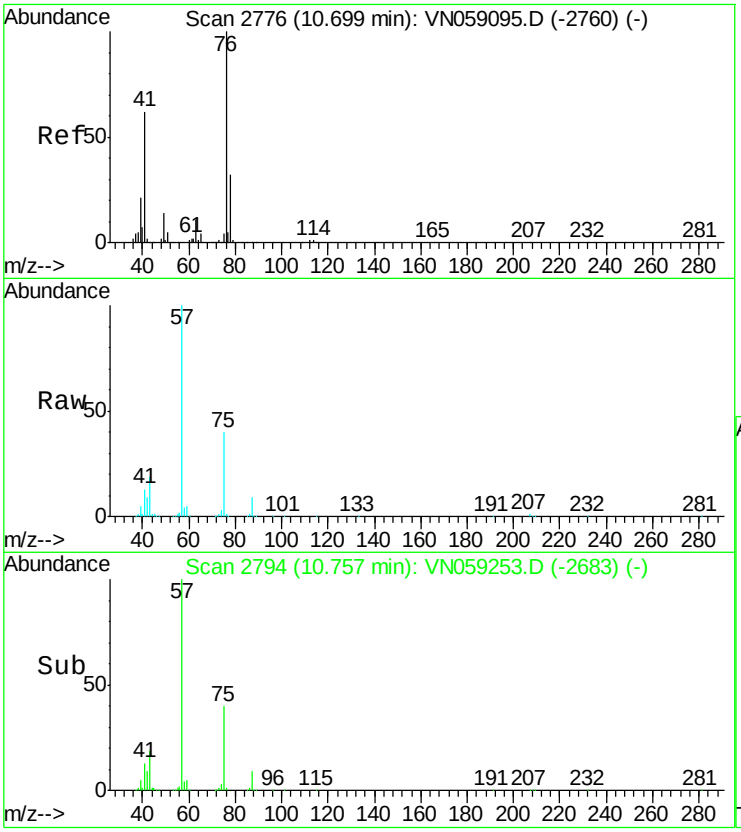


#56
Ethyl methacrylate
Concen: 2.072 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.12 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 69 Resp: 1649

Ion	Ratio	Lower	Upper
69	100		
41	4931.4	53.6	80.4#
39	1953.2	26.2	39.4#



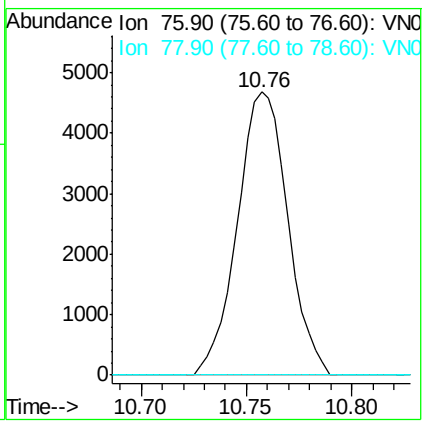


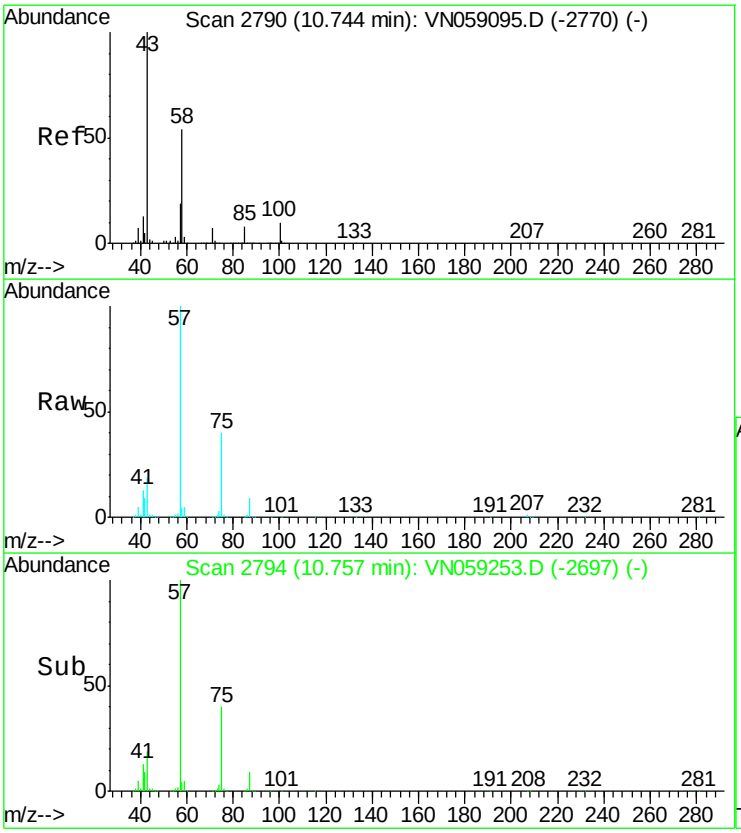
#57
1,3-Dichloropropane
Concen: 0.944 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.06 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 76 Resp: 7770

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

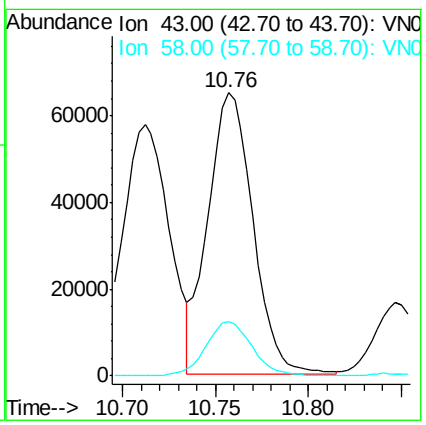


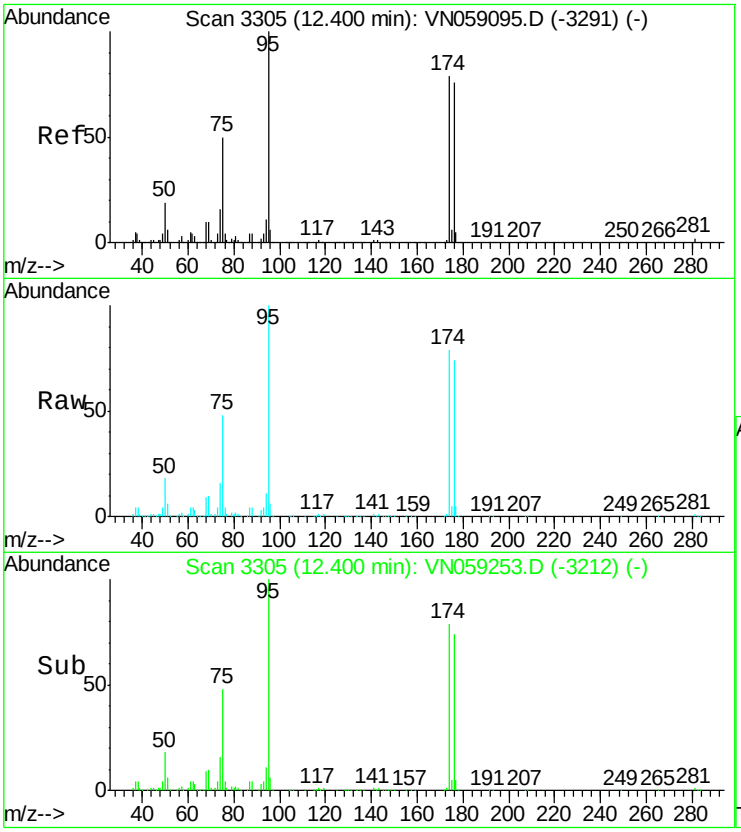


#59
2-Hexanone
Concen: 21.738 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 43 Resp: 109605

Ion	Ratio	Lower	Upper
43	100		
58	20.0	27.3	81.8#



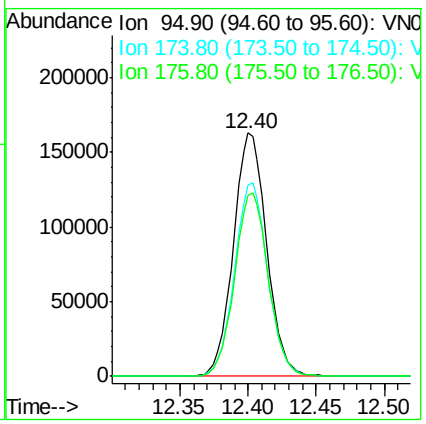


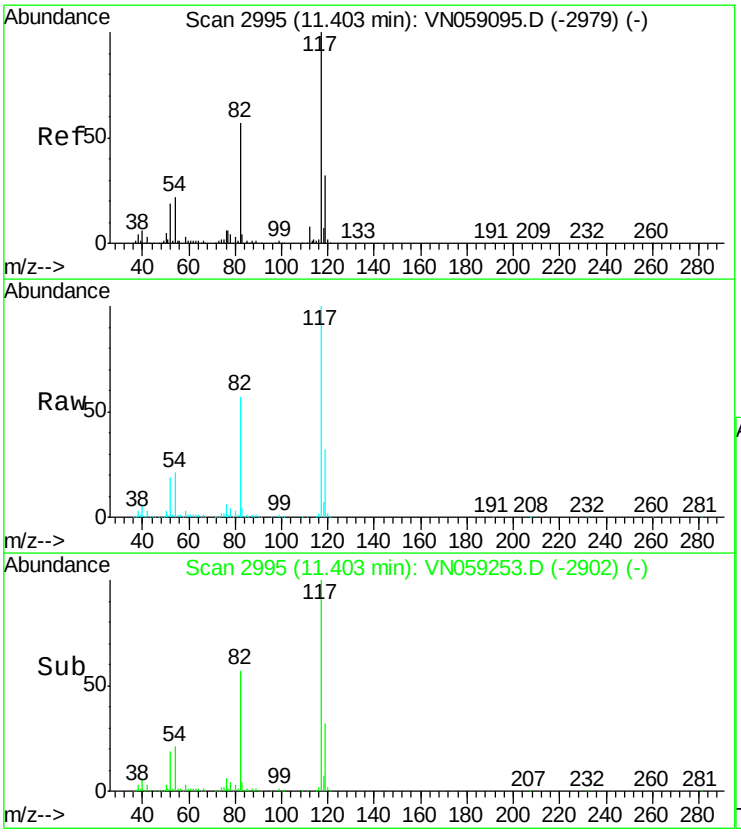
#62
4-Bromofluorobenzene
Concen: 46.353 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion: 95 Resp: 275282

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	158.2
176	76.4	0.0	151.8

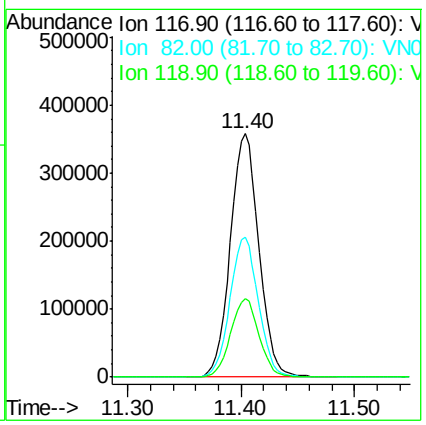


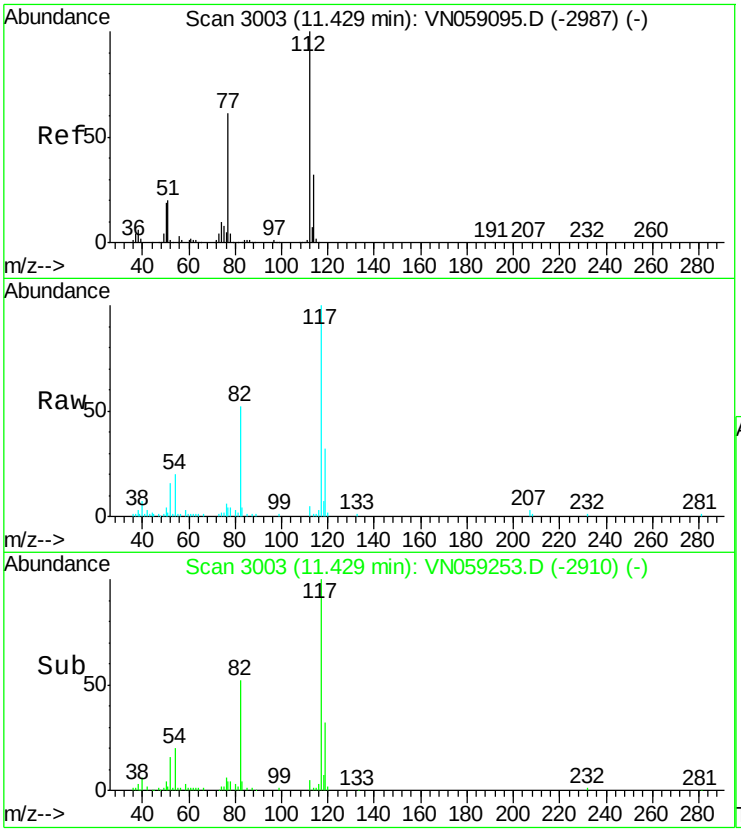


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:117 Resp: 628197

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.8	68.8
119	32.2	25.8	38.6



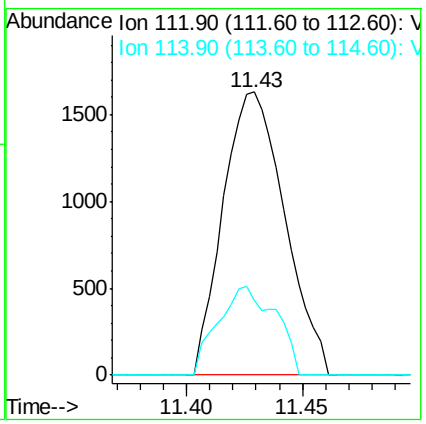


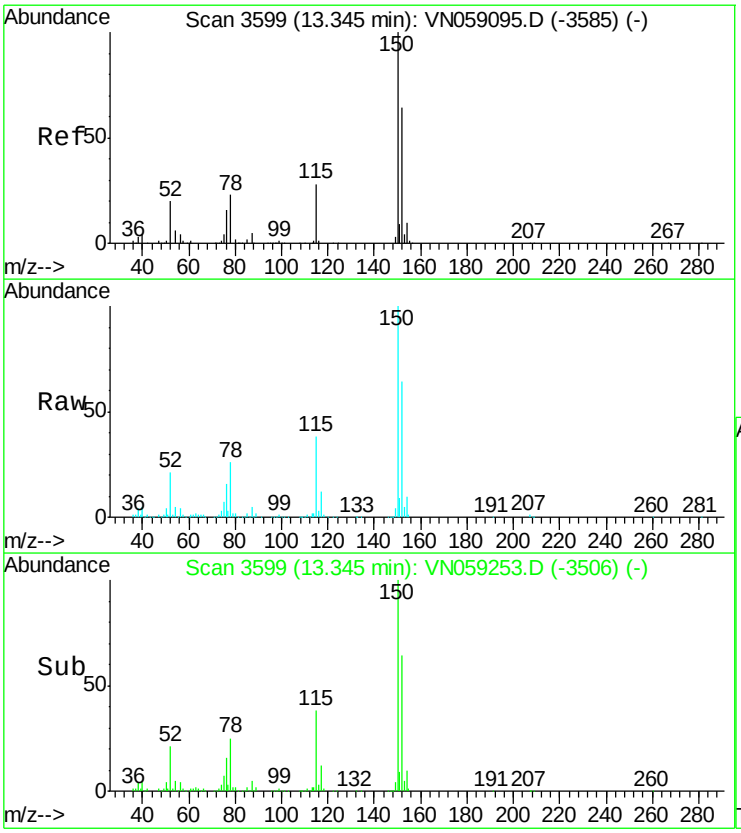
#65
Chlorobenzene
Concen: 0.246 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion:112 Resp: 3014

Ion	Ratio	Lower	Upper
112	100		
114	26.6	25.2	37.8

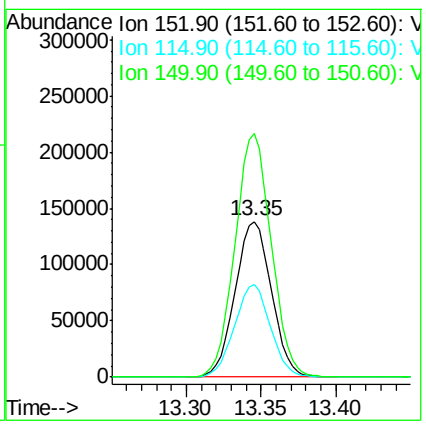


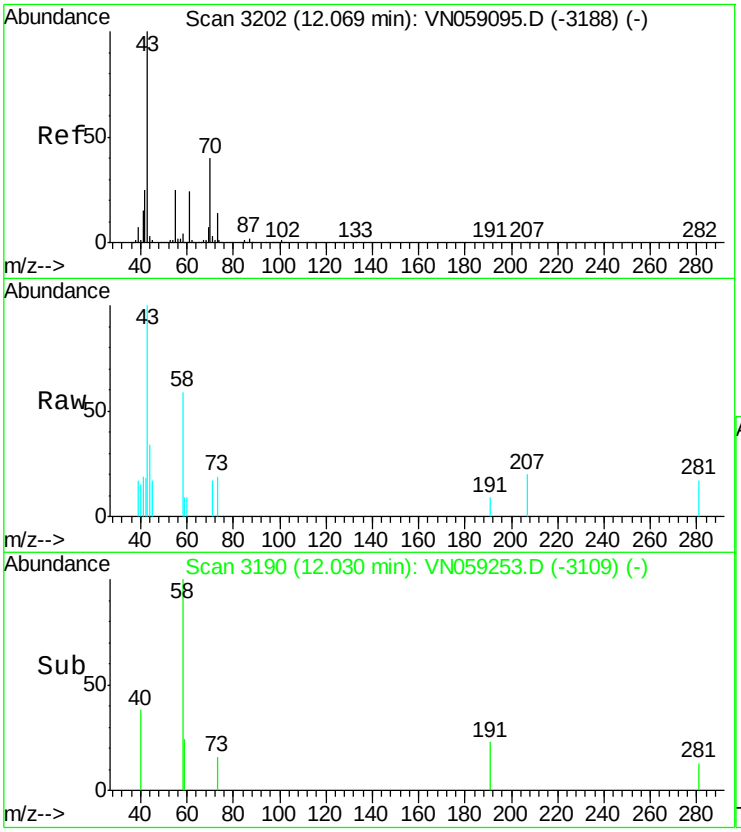


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:152 Resp: 234047

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.4	88.2
150	156.1	0.0	345.8



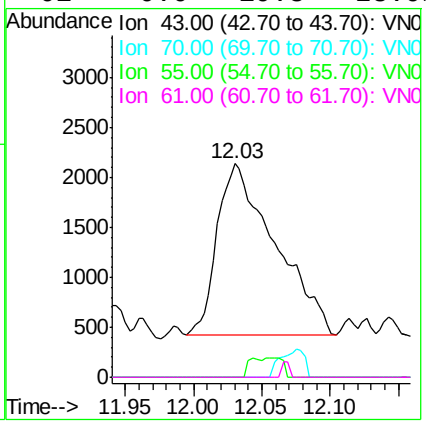


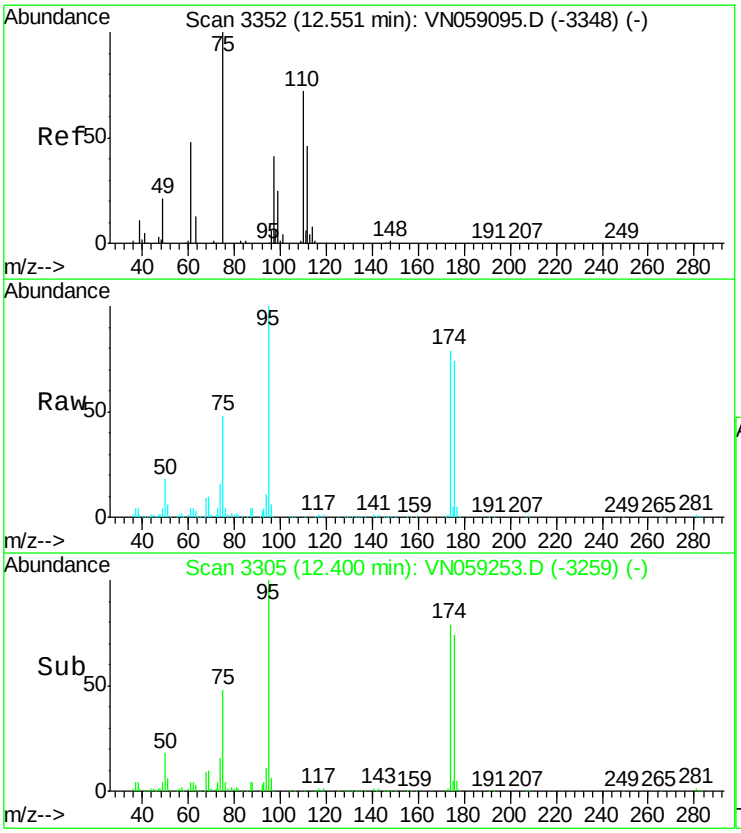
#74
N-amyl acetate
Concen: 0.707 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument : MSVOA_N
ClientSampleId : OK-03-111219

Tgt Ion: 43 Resp: 5101

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.4#
55	2.7	20.4	30.6#
61	0.0	19.3	28.9#

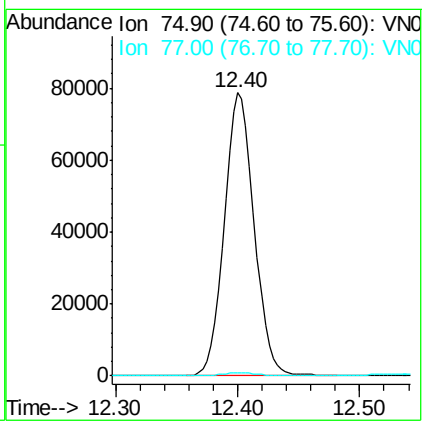


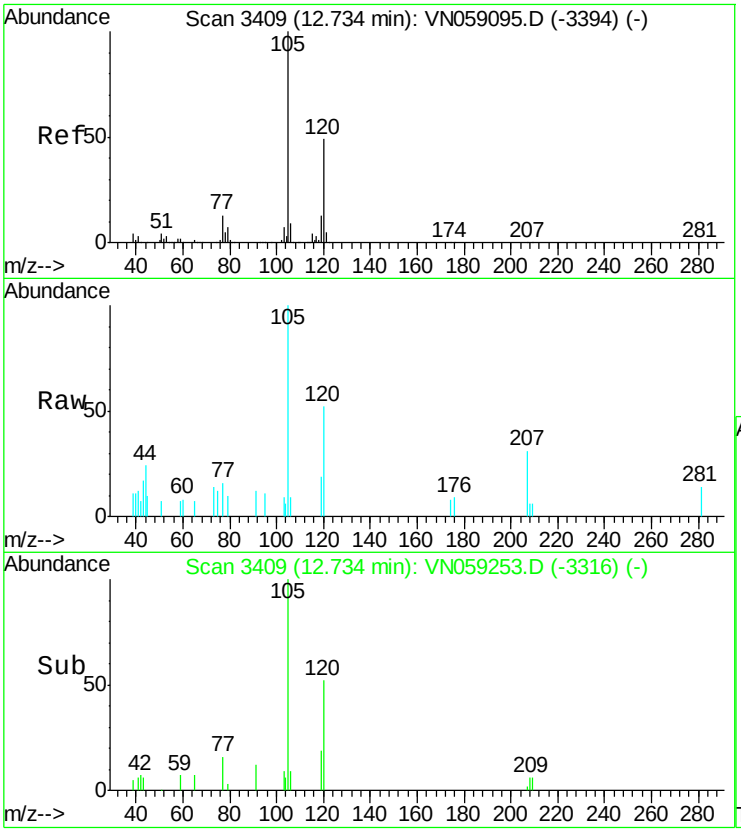


#76
1,2,3-Trichloropropane
Concen: 25.221 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 75 Resp: 134391

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



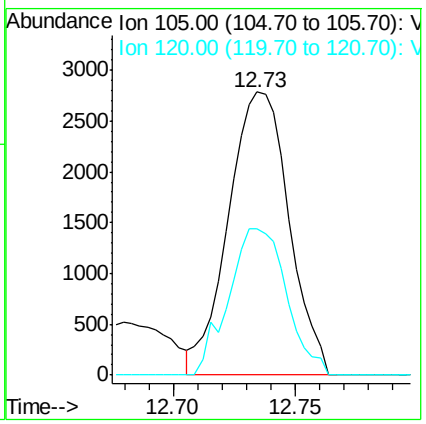


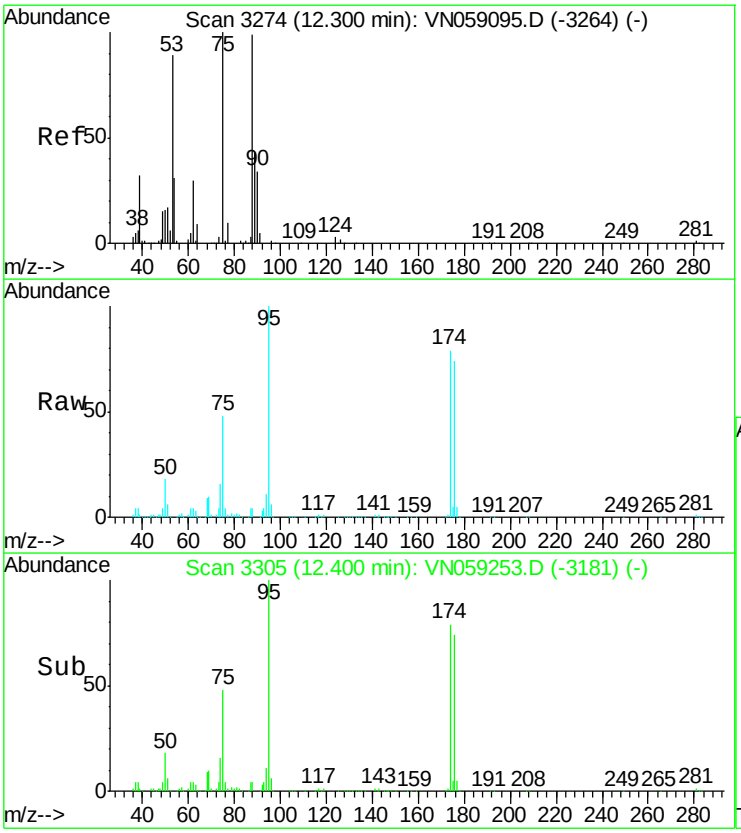
#80
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion:105 Resp: 4795

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.0	72.0

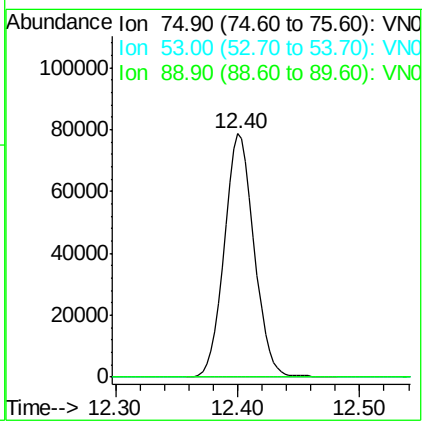


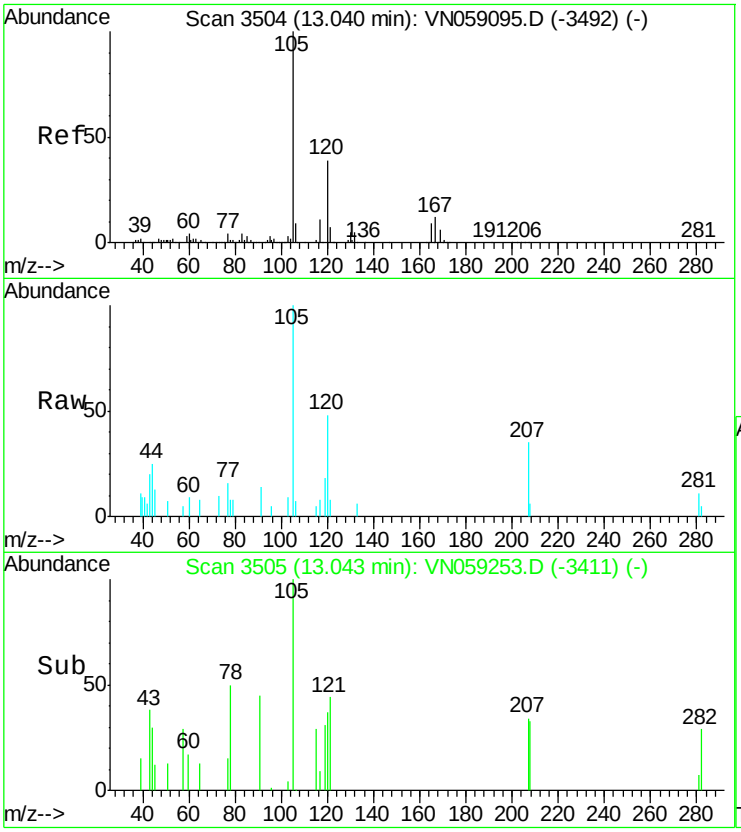


#81
trans-1,4-Dichloro-2-butene
Concen: 66.617 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 75 Resp: 134391

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.2	108.2#
89	0.0	35.8	53.8#



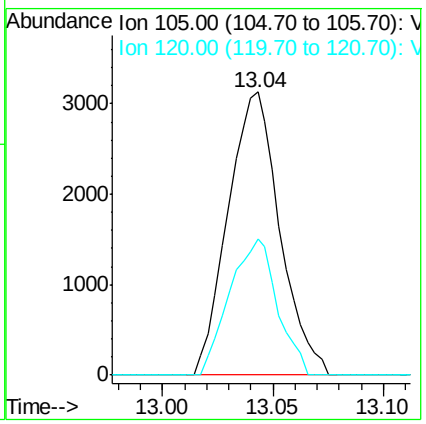


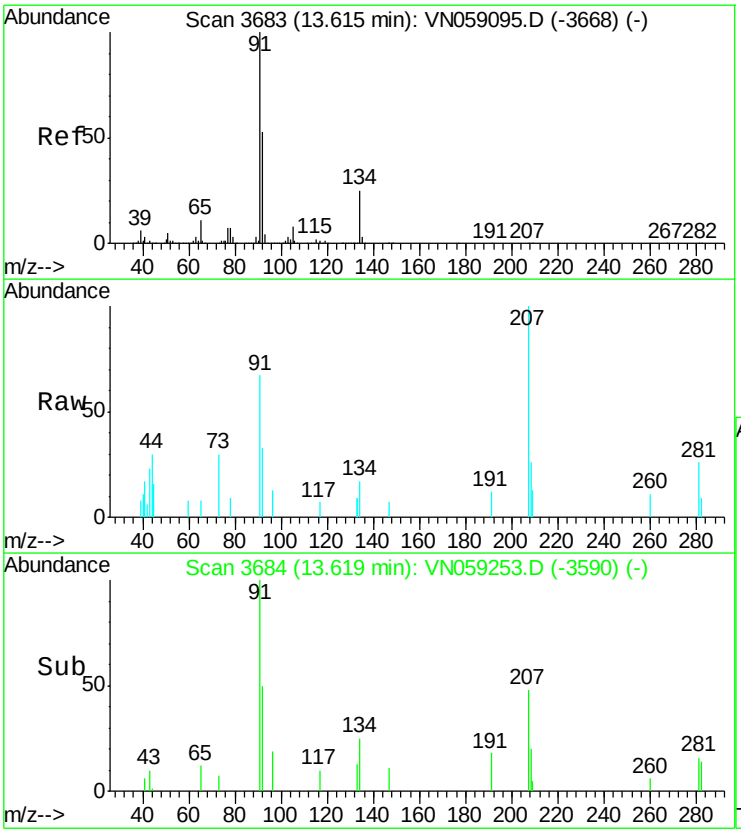
#84
1,2,4-Trimethylbenzene
Concen: 0.365 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion:105 Resp: 5096

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.8	68.4

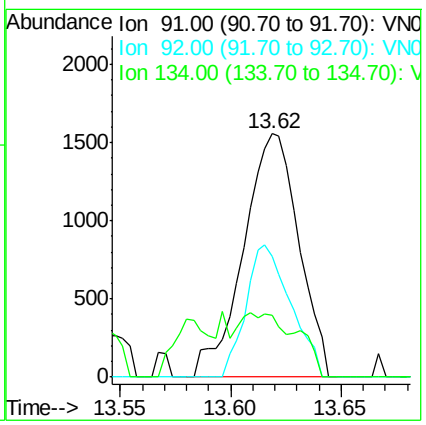


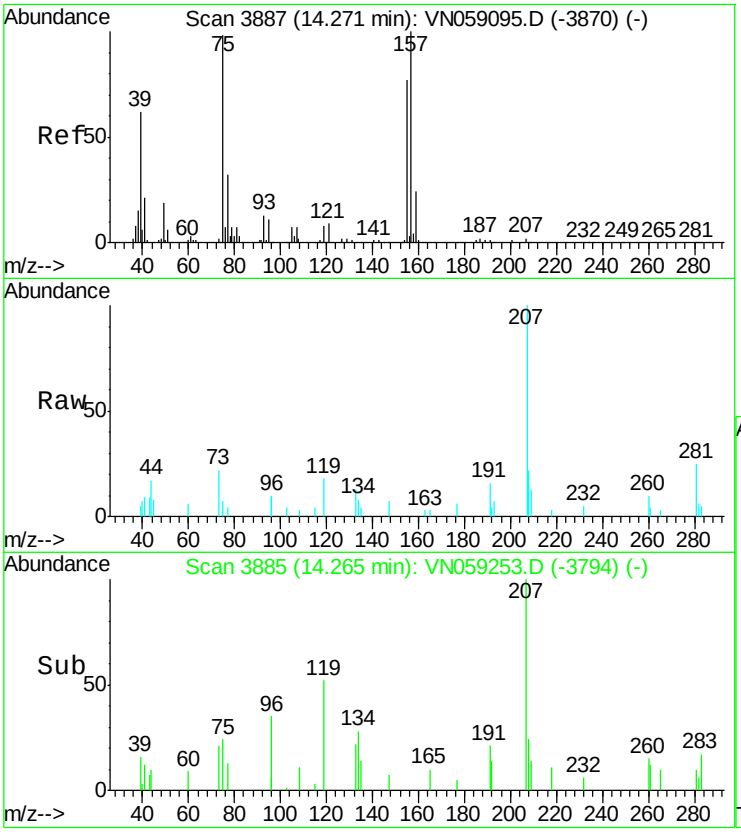


#89
n-Butylbenzene
Concen: 0.216 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion: 91 Resp: 2704

Ion	Ratio	Lower	Upper
91	100		
92	43.9	26.1	78.3
134	25.5	12.6	37.8



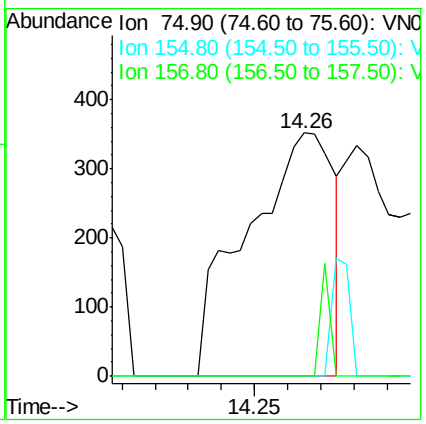


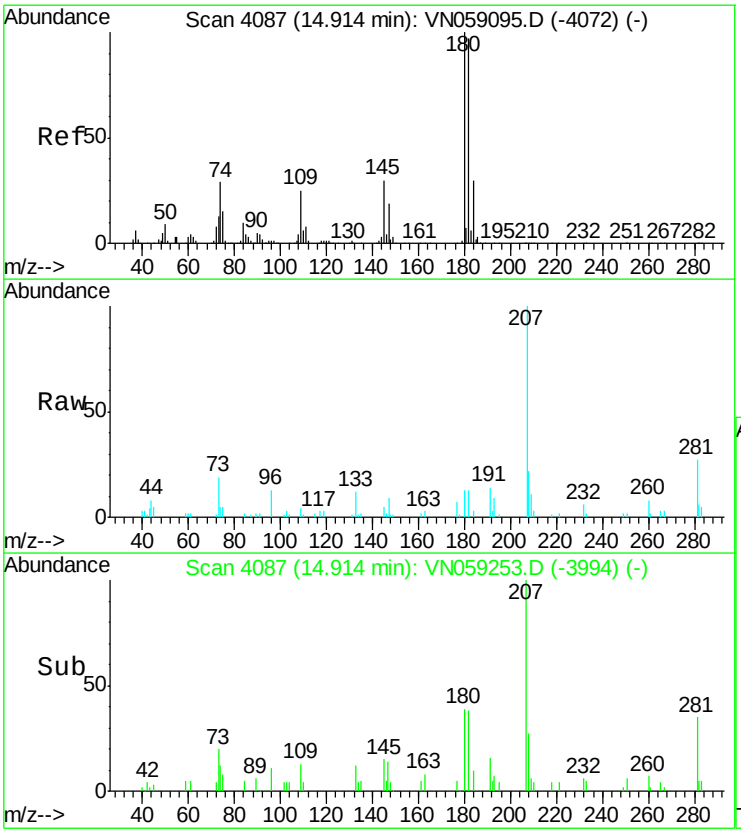
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.579 ug/l
RT: 14.26 min Scan# 3885
Delta R.T. -0.01 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion: 75 Resp: 640

Ion	Ratio	Lower	Upper
75	100		
155	10.0	40.2	120.6#
157	5.0	51.8	155.5#

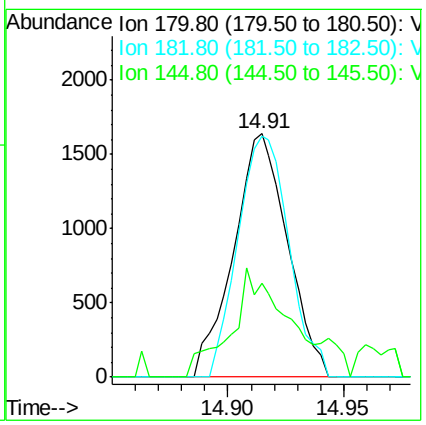


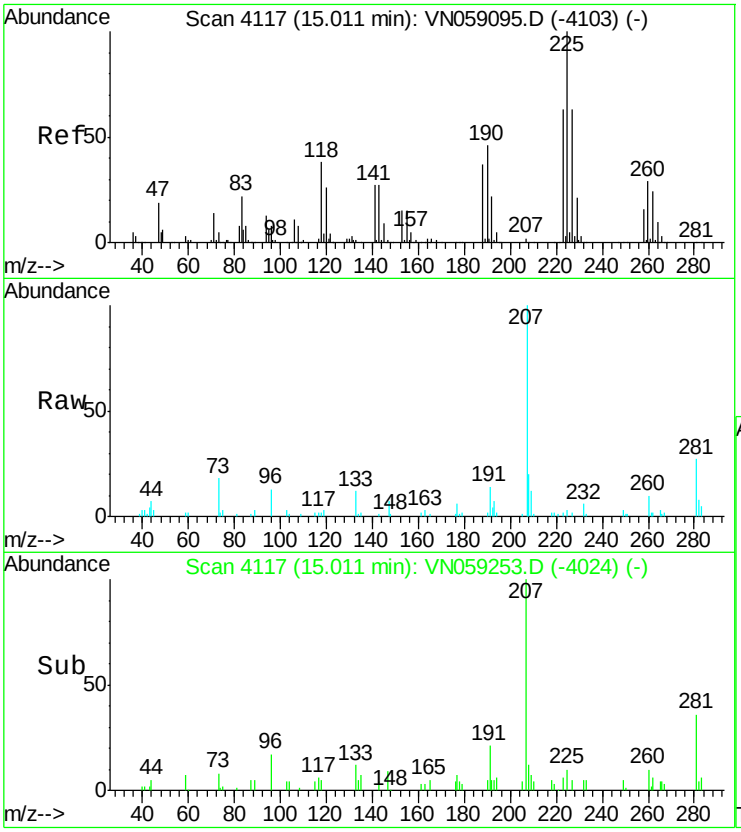


#93
1,2,4-Trichlorobenzene
Concen: 3.616 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:180 Resp: 2653

Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.1	144.3
145	44.7	15.1	45.3



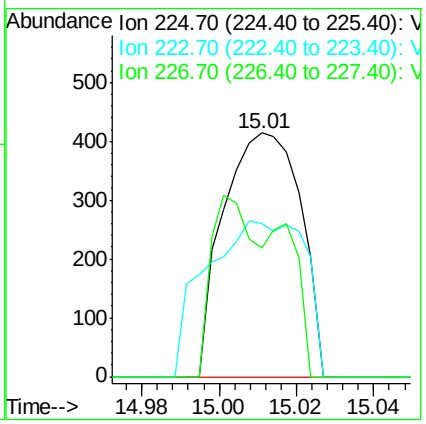


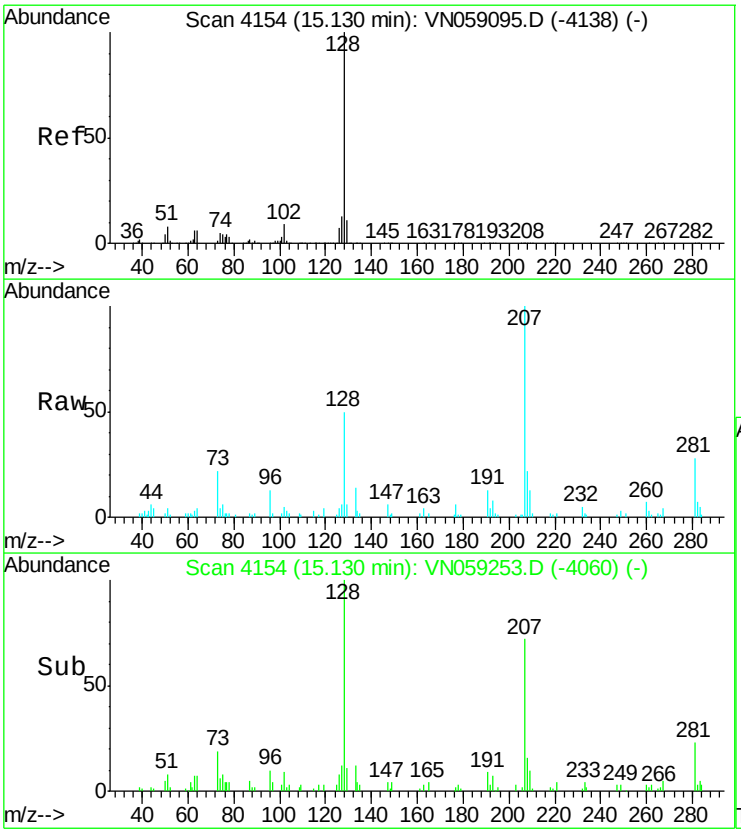
#94
Hexachlorobutadiene
Concen: 0.231 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion:225 Resp: 573

Ion	Ratio	Lower	Upper
225	100		
223	82.2	31.3	93.9
227	43.5	31.5	94.5

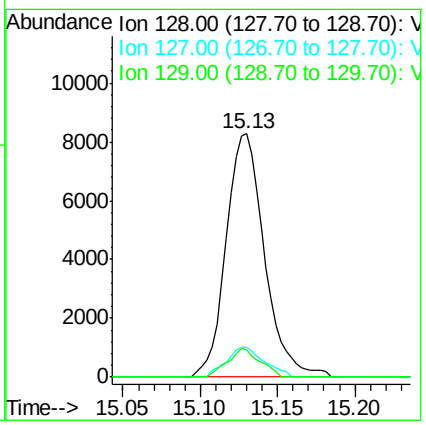


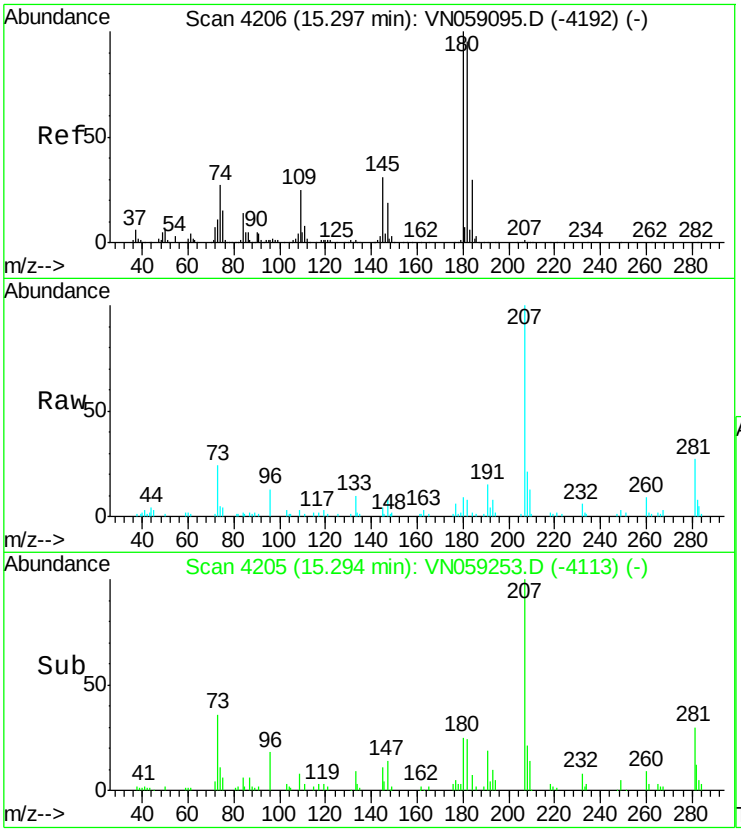


#95
Naphthalene
Concen: 4.145 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Tgt Ion:128 Resp: 14212

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.2
129	10.1	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.915 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059253.D
Acq: 15 Nov 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
OK-03-111219

Tgt Ion:180 Resp: 3696

Ion	Ratio	Lower	Upper
180	100		
182	84.2	47.3	141.8
145	51.6	15.8	47.3#