Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
Data File : VN051859.D
Acq On : 13 Oct 2018 2:54
Operator : MD\SY
Sample : J5199-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Quant Time: Oct 13 03:53:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	825716	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1193620	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1053214	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413436	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	454991	57.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.30%				
35) Dibromofluoromethane	7.59	113	438982	59.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.30%				
50) Toluene-d8	10.09	98	1649349	59.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.28%				
62) 4-Bromofluorobenzene	12.40	95	484539	50.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.50%				
Target Compounds							Qvalue
5) Bromomethane	2.57	94	2025	0.270	ug/l	#	62
16) Acetone	3.83	43	14507	8.523	ug/l		96
18) Methyl Acetate	4.34	43	13279	1.929	ug/l	#	88
20) Methylene Chloride	4.55	84	99002	14.055	ug/l		90
25) 2-Butanone	6.84	43	2241	0.932	ug/l	#	87
29) Tetrahydrofuran	7.21	42	574	0.400	ug/l	#	45
30) Chloroform	7.37	83	3153	0.233	ug/l	#	74
31) Cyclohexane	7.66	56	13466	Below Cal		#	24
36) 1,1-Dichloropropene	7.66	75	51863	5.367	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	75093	6.704	ug/l	#	16
40) Benzene	8.04	78	60974	2.187	ug/l		100
43) Isopropyl Acetate	8.17	43	282799	28.331	ug/l		94
48) Methyl methacrylate	9.18	41	6325	1.431	ug/l	#	18
51) 4-Methyl-2-Pentanone	9.99	43	2339	0.454	ug/l	#	78
52) Toluene	10.16	92	57578	3.076	ug/l		99
54) cis-1,3-Dichloropropene	9.91	75	2738	0.248	ug/l	#	70
59) 2-Hexanone	10.77	43	13111	3.625	ug/l	#	55
67) Ethyl Benzene	11.51	91	13268	0.376	ug/l		98
68) m/p-Xylenes	11.62	106	17105	1.201	ug/l		98
69) o-Xylene	11.95	106	5907	0.427	ug/l		100
71) Bromoform	12.40	173	4028	4.164	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	247337	48.475	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	8529	0.329	ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	247337	137.764	ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.04	105	18741	0.725	ug/l		96
93) 1,2,4-Trichlorobenzene	14.91	180	148	3.674	ug/l	#	1
95) Naphthalene	15.13	128	181799	15.283	ug/l		98

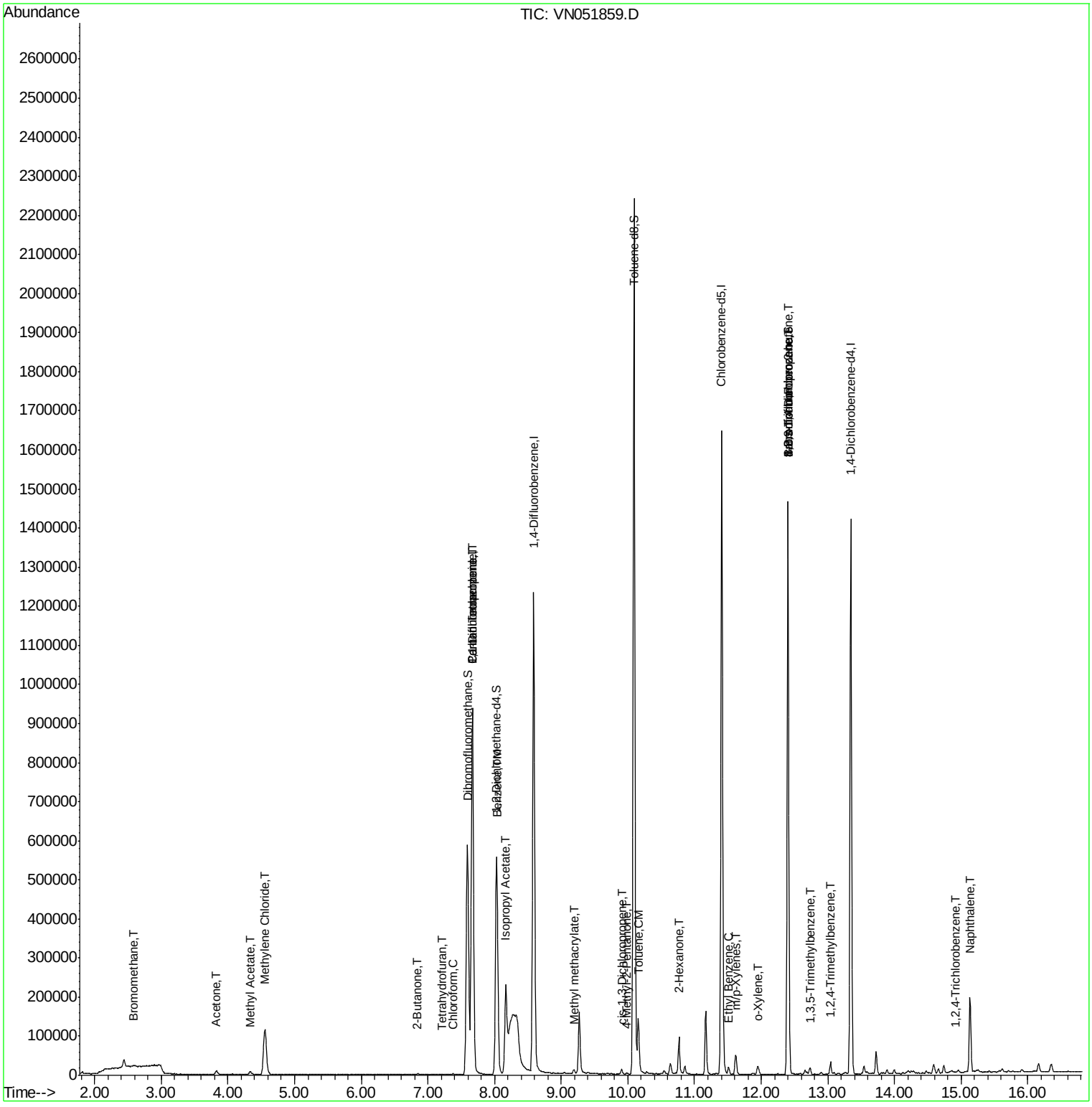
(#) = qualifier out of range (m) = manual integration (+) = signals summed

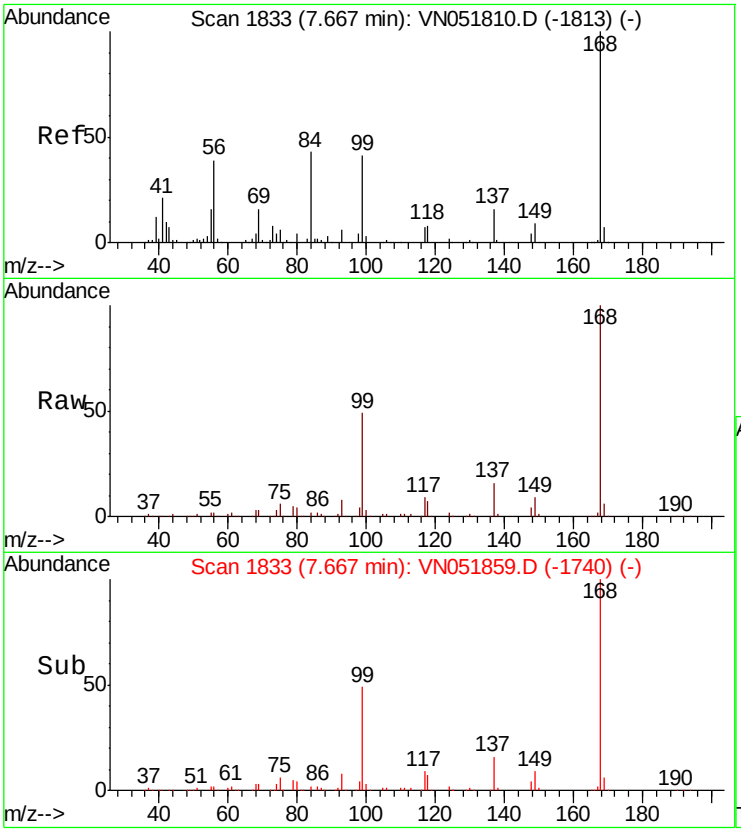
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
Data File : VN051859.D
Acq On : 13 Oct 2018 2:54
Operator : MD\SY
Sample : J5199-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Quant Time: Oct 13 03:53:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration



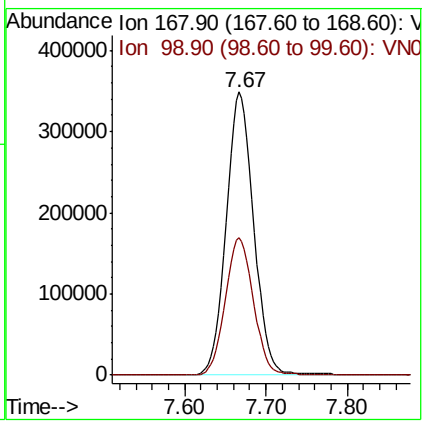


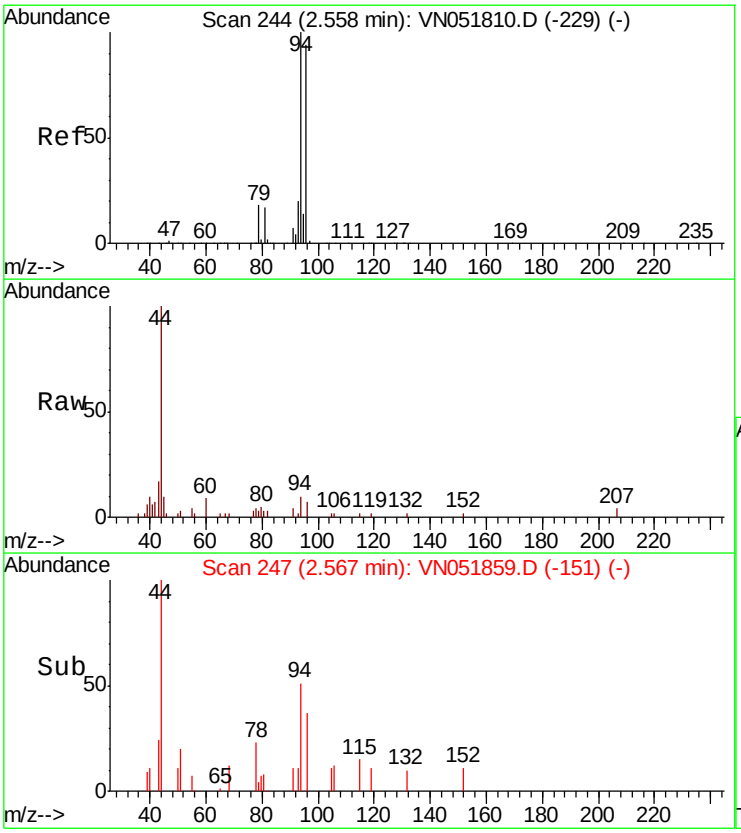
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:168 Resp: 825716

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.6	59.4

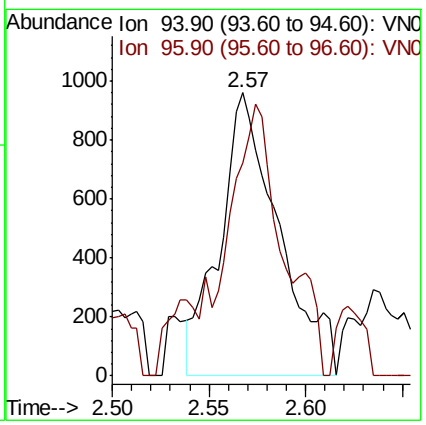


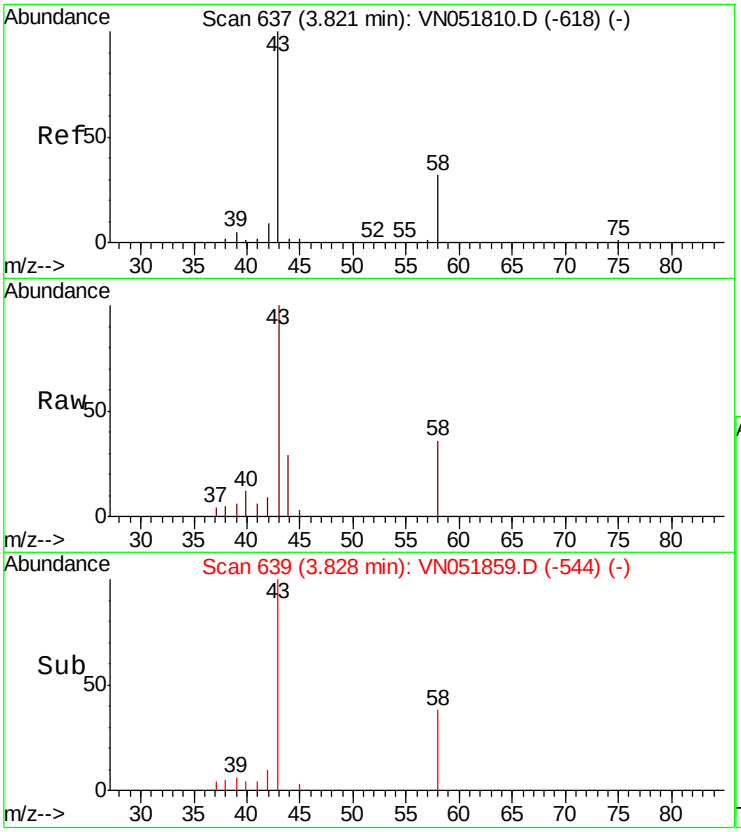


#5
Bromomethane
Concen: 0.270 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 94 Resp: 2025

Ion	Ratio	Lower	Upper
94	100		
96	58.6	76.2	114.2#



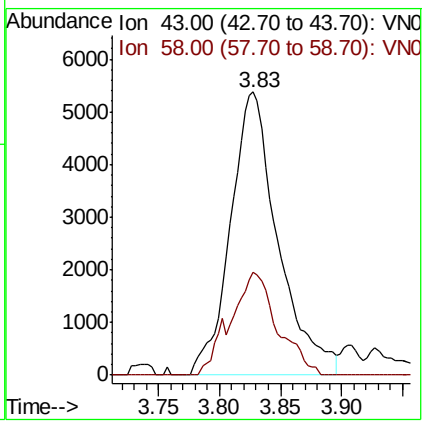


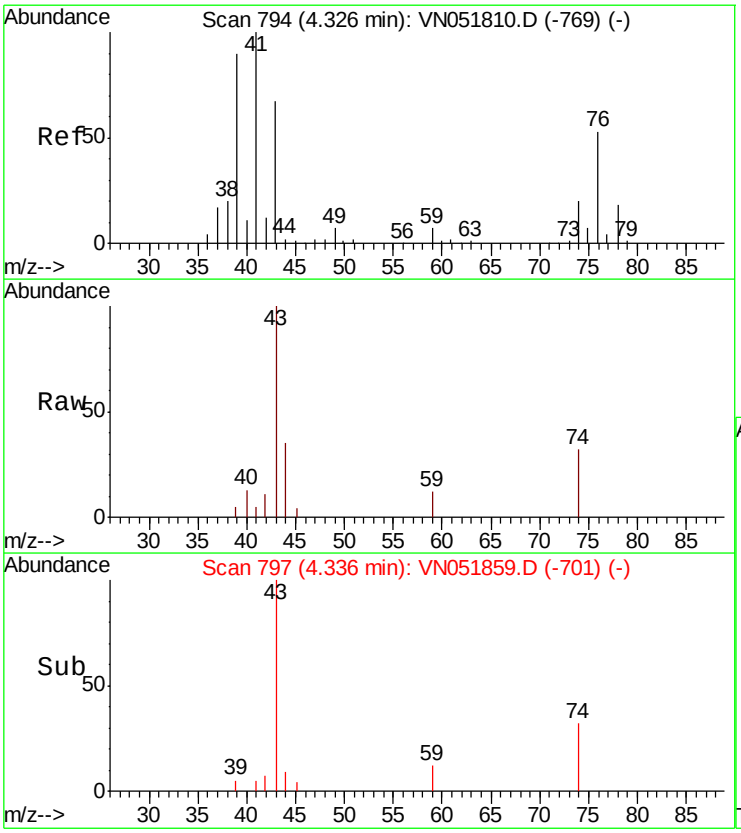
#16
Acetone
Concen: 8.523 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion: 43 Resp: 14507

Ion	Ratio	Lower	Upper
43	100		
58	36.3	27.2	40.8

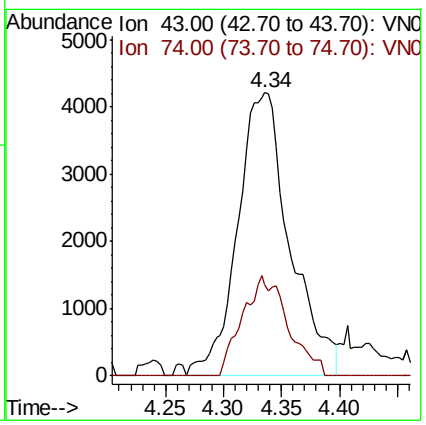


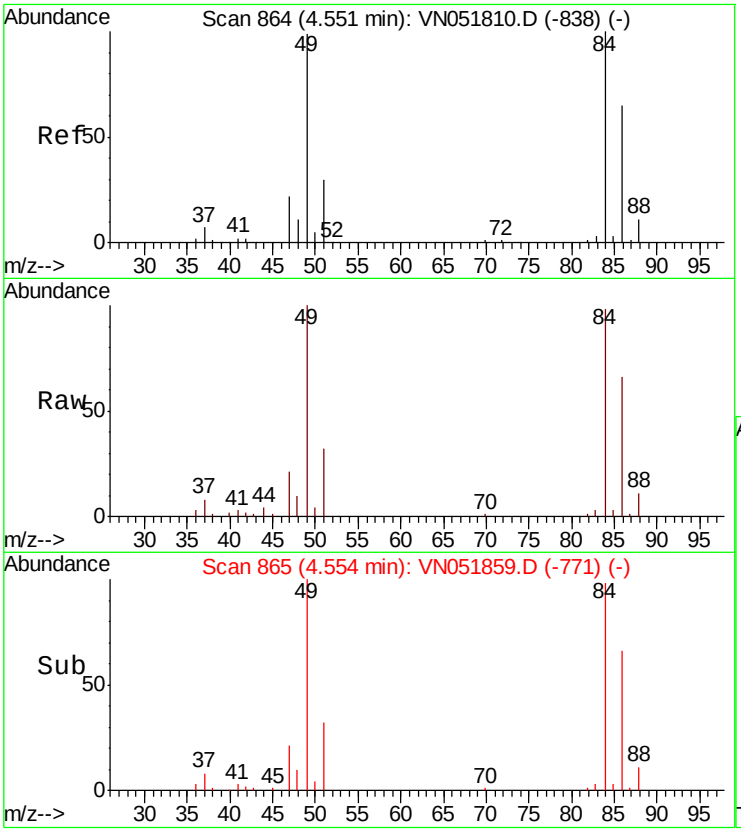


#18
Methyl Acetate
Concen: 1.929 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 13279

Ion	Ratio	Lower	Upper
43	100		
74	30.6	19.8	29.8#



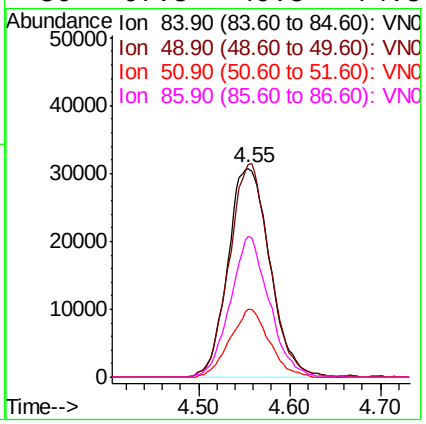


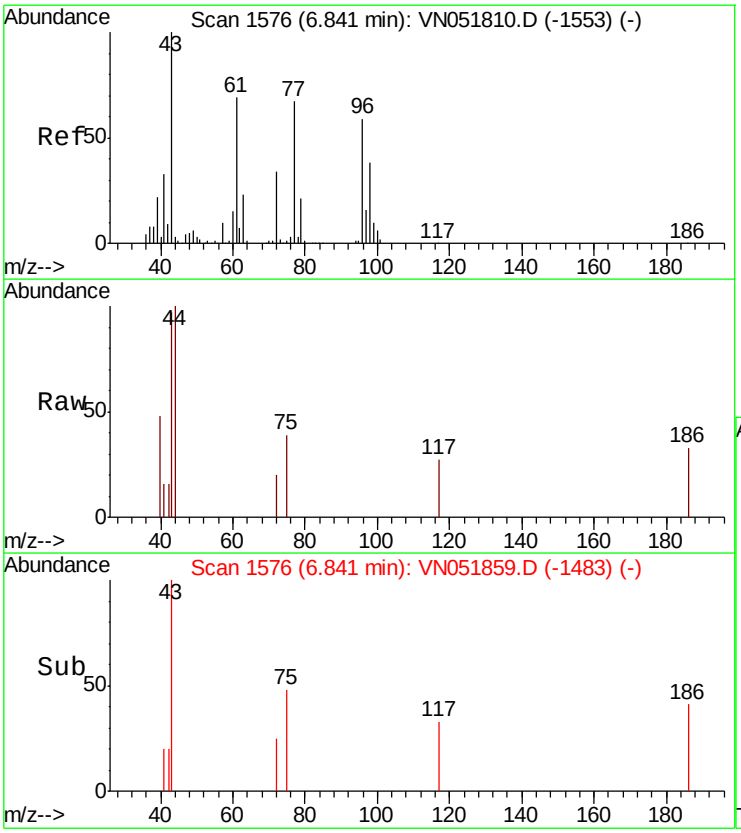
#20
Methylene Chloride
Concen: 14.055 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 84 Resp: 99002

Ion	Ratio	Lower	Upper
84	100		
49	101.7	93.2	139.8
51	32.6	29.0	43.6
86	67.3	49.8	74.8

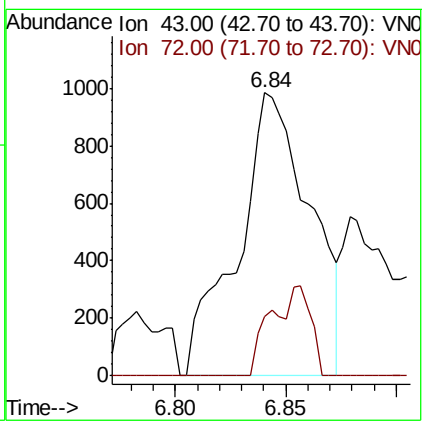


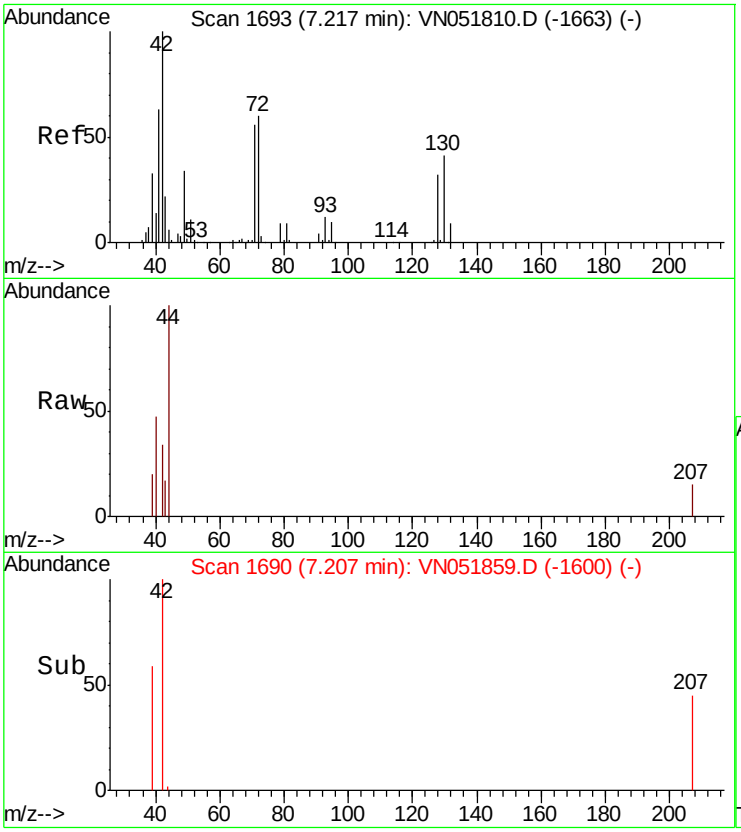


#25
2-Butanone
Concen: 0.932 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 2241

Ion	Ratio	Lower	Upper
43	100		
72	20.9	22.3	33.5#



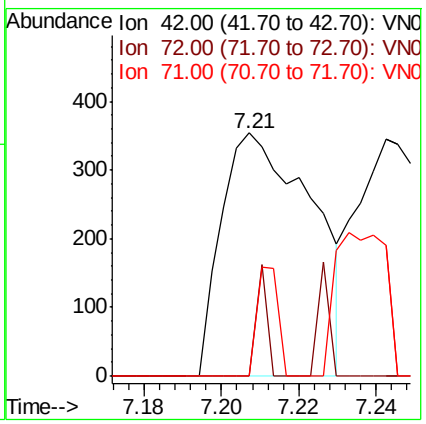


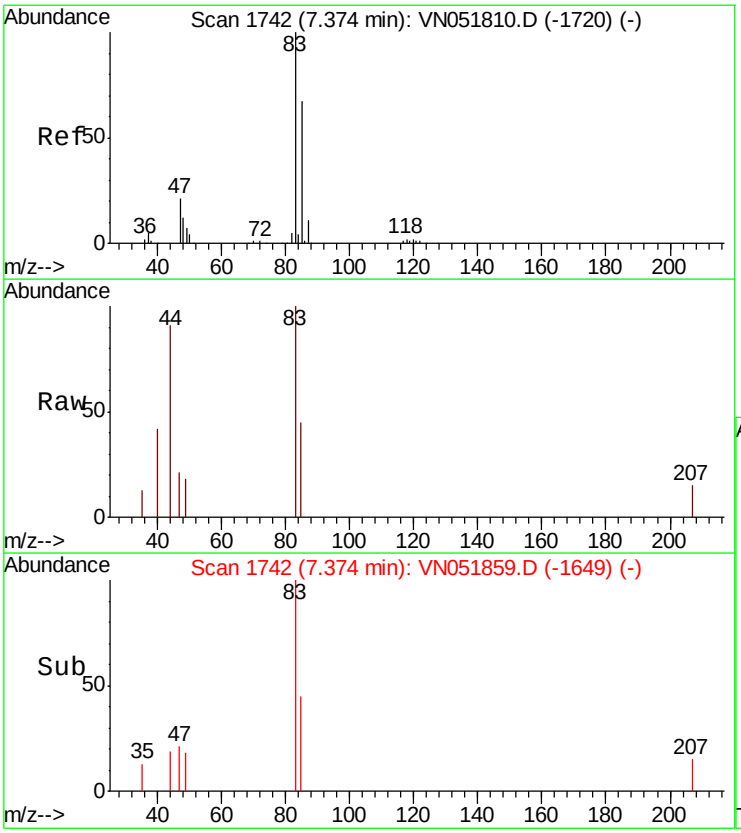
#29
Tetrahydrofuran
Concen: 0.400 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
72	5.4	35.5	53.3#
71	10.6	33.7	50.5#

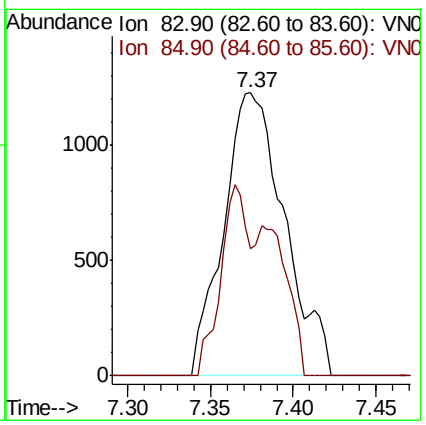


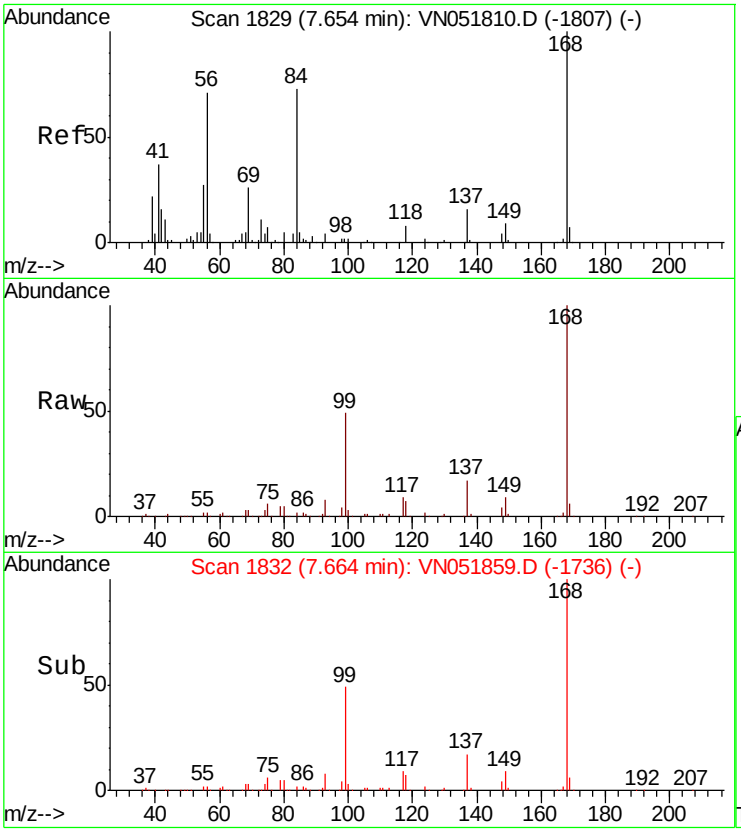


#30
Chloroform
Concen: 0.233 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 83 Resp: 3153

Ion	Ratio	Lower	Upper
83	100		
85	45.0	52.2	78.4#



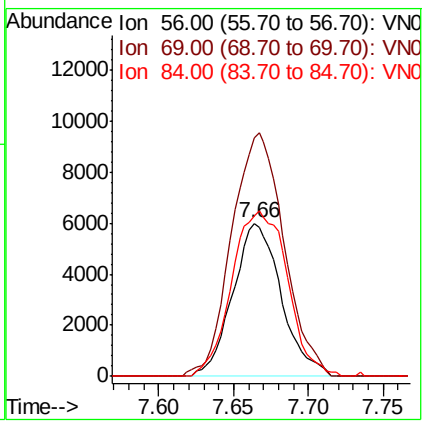


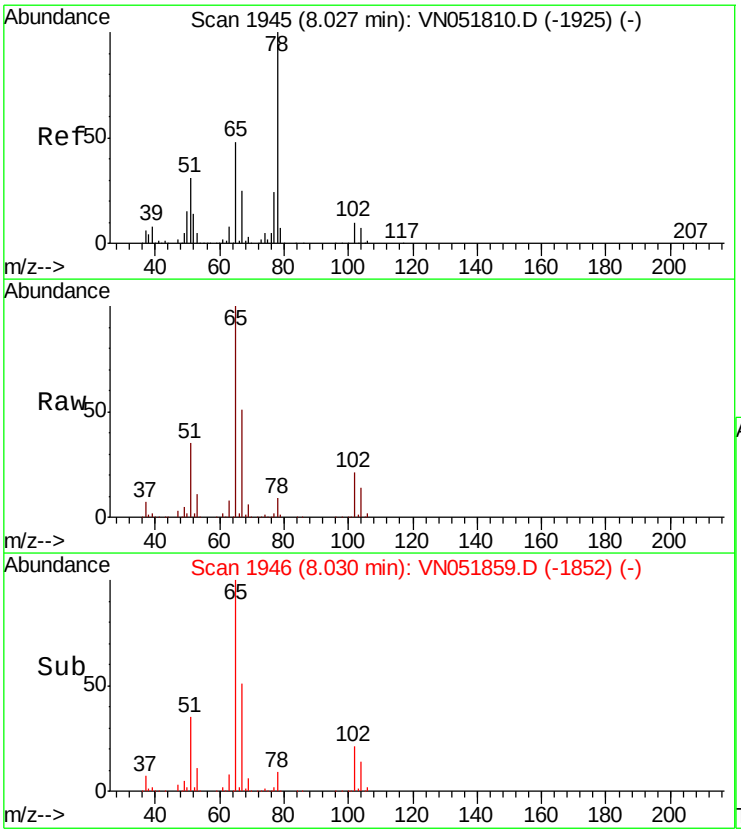
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 56 Resp: 13466

Ion	Ratio	Lower	Upper
56	100		
69	155.6	26.2	39.4#
84	104.6	68.3	102.5#

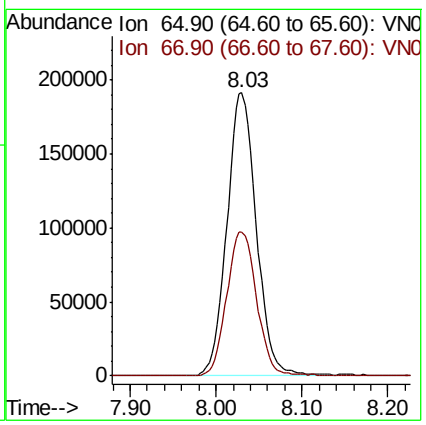


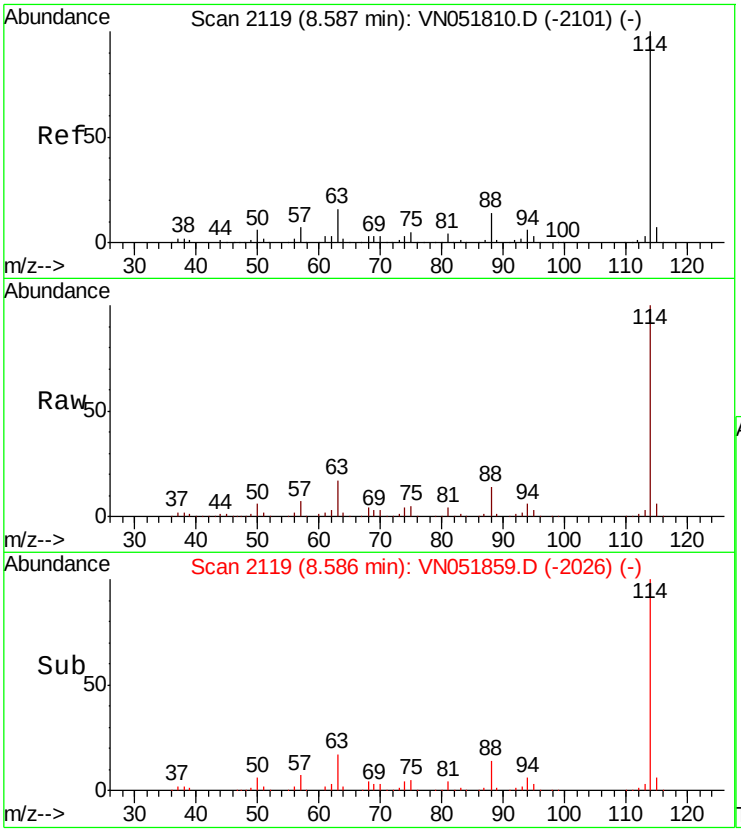


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 65 Resp: 454991

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	110.4



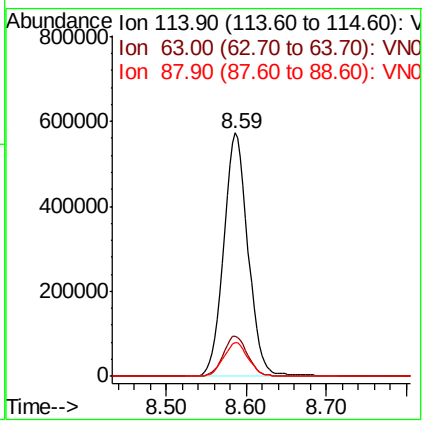


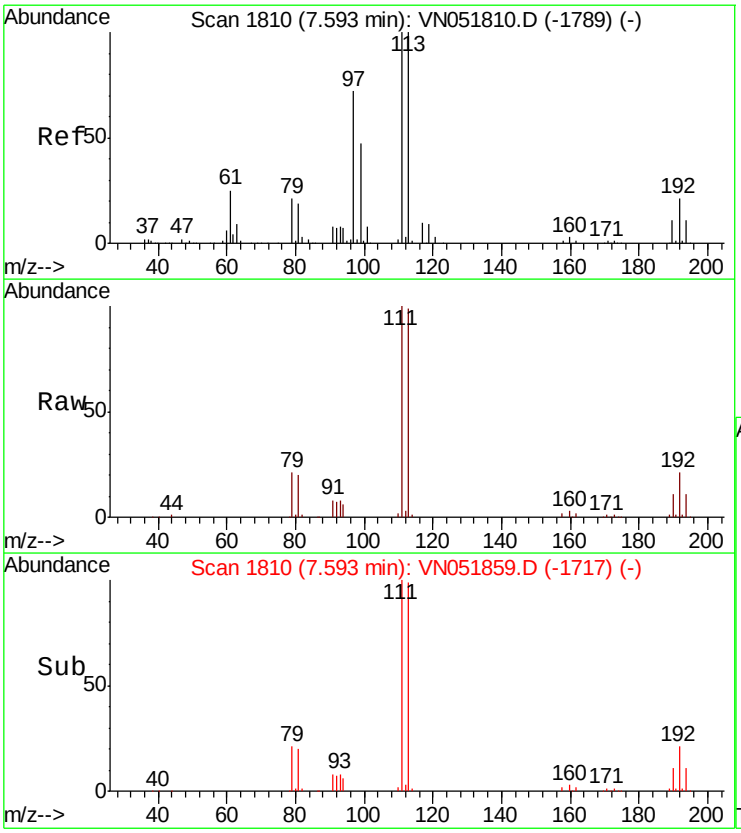
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:114 Resp: 1193620

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.6
88	13.9	0.0	30.6

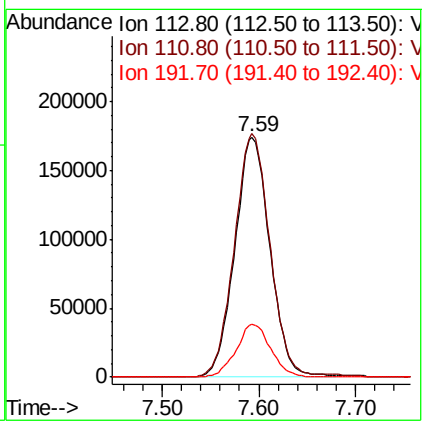


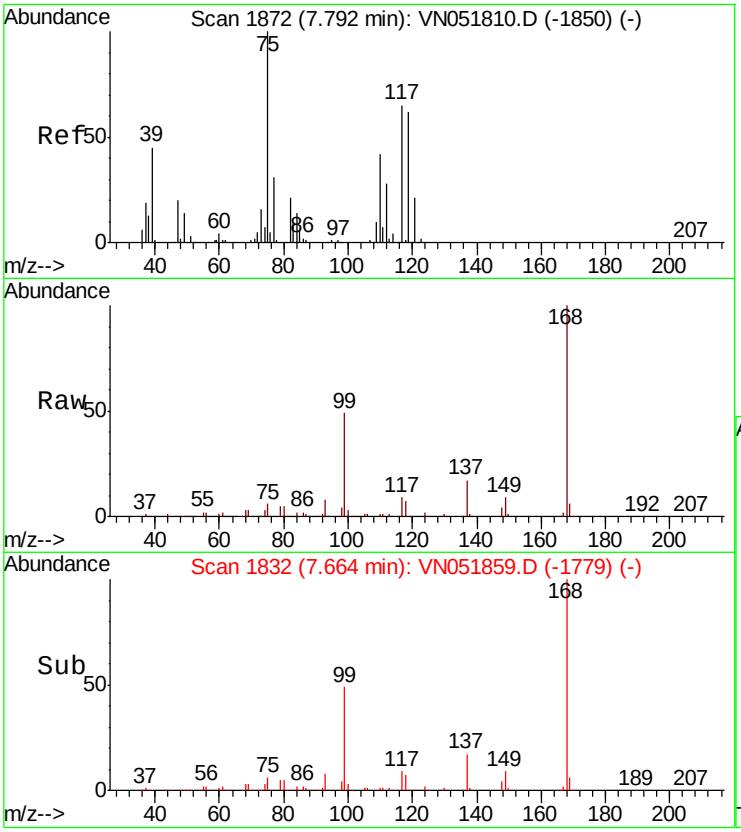


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:113 Resp: 438982

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.5	18.0	27.0



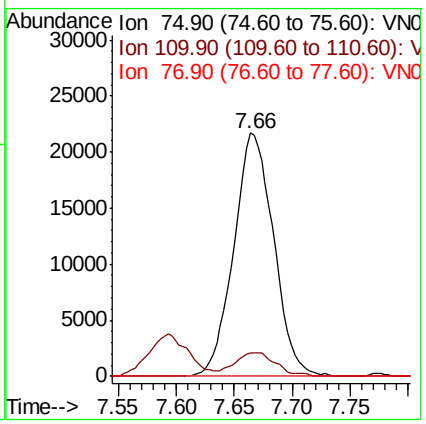


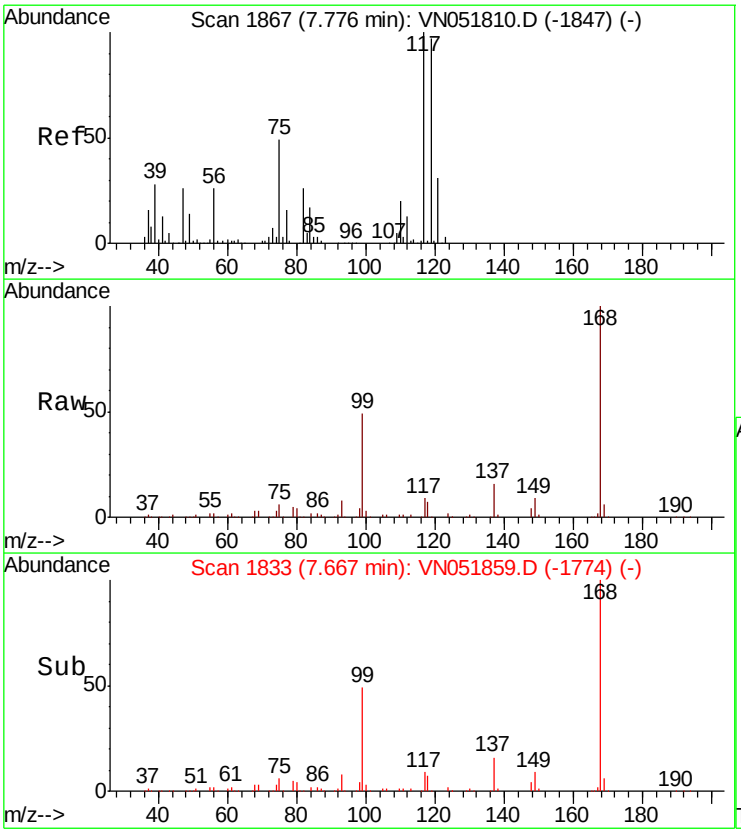
#36
1,1-Dichloropropene
Concen: 5.367 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion: 75 Resp: 51863

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	24.8	37.2#

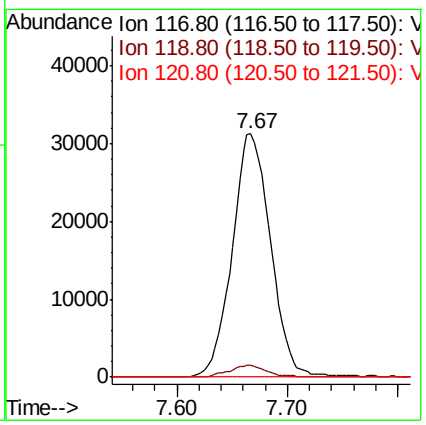


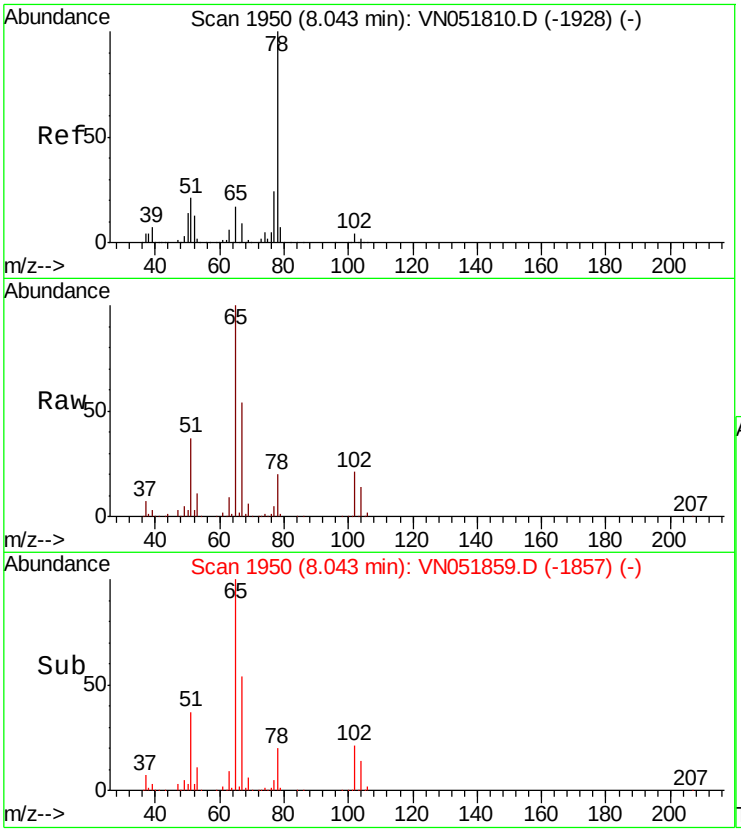


#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:117 Resp: 75093

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	36.8#



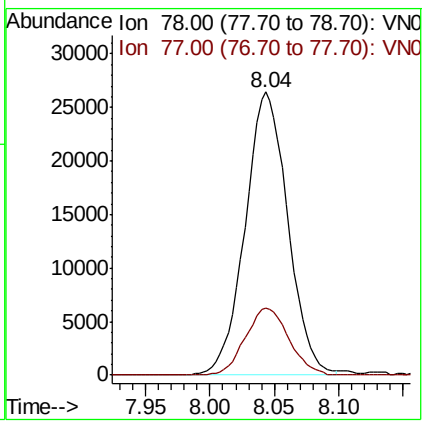


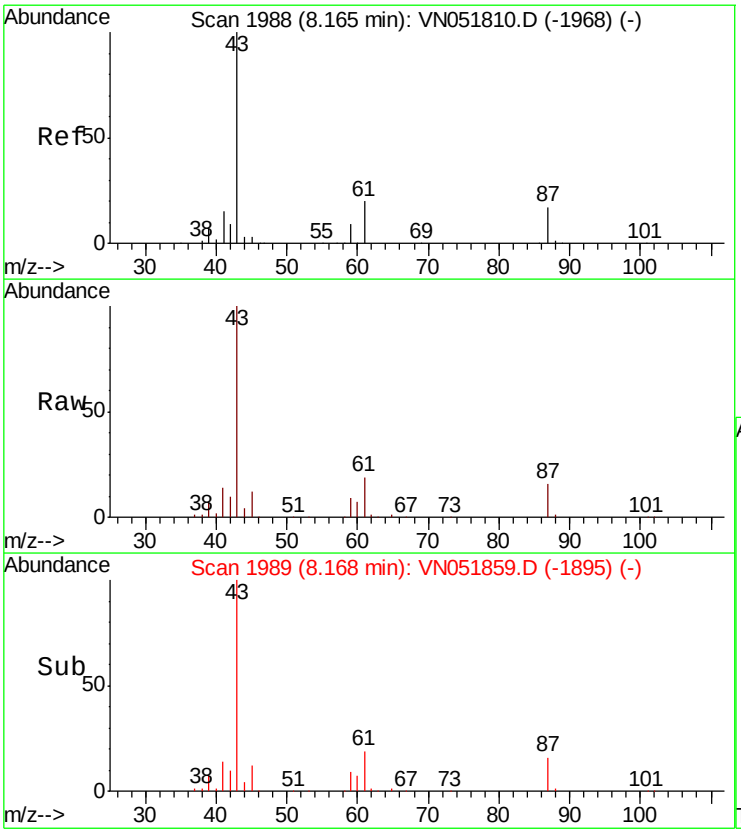
#40
Benzene
Concen: 2.187 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion: 78 Resp: 60974

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

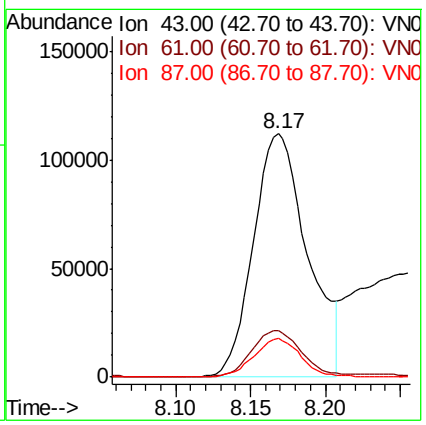


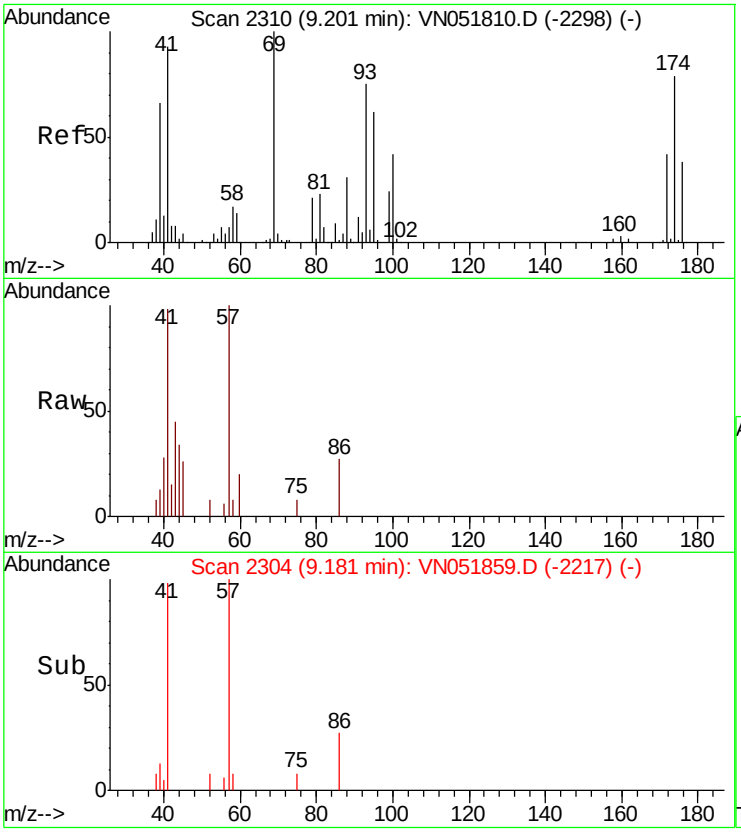


#43
Isopropyl Acetate
Concen: 28.331 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 282799

Ion	Ratio	Lower	Upper
43	100		
61	17.7	17.5	26.3
87	13.7	11.3	16.9



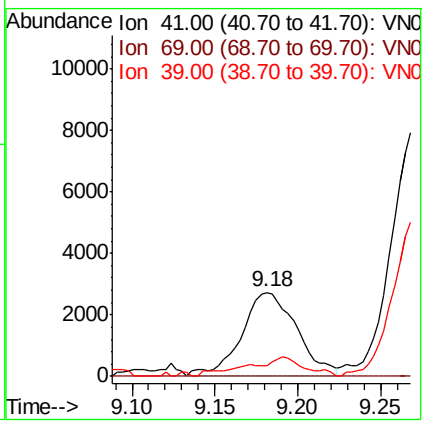


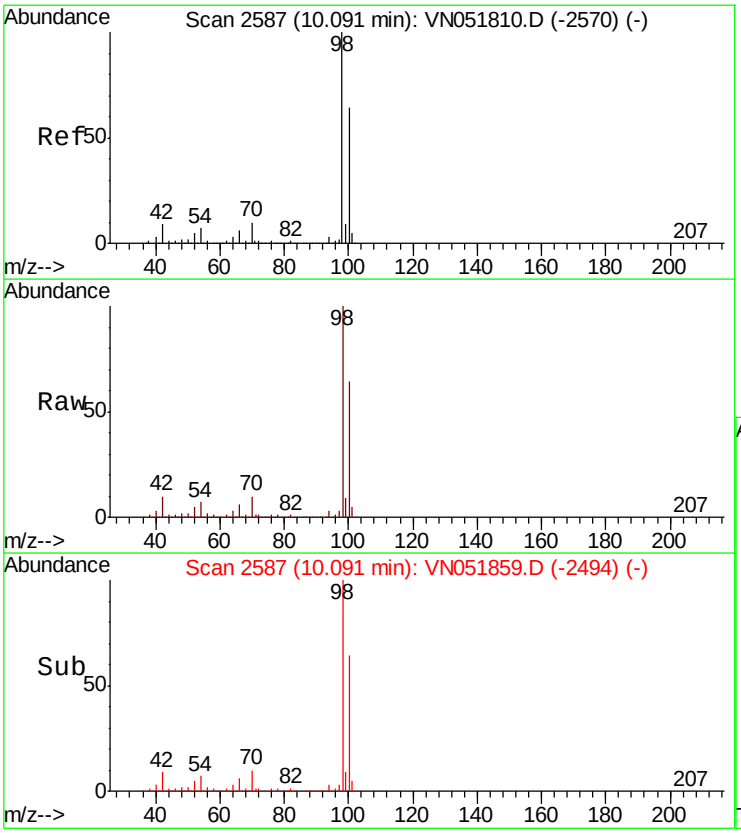
#48
Methyl methacrylate
Concen: 1.431 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 41 Resp: 6325

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	14.2	42.2	63.2#

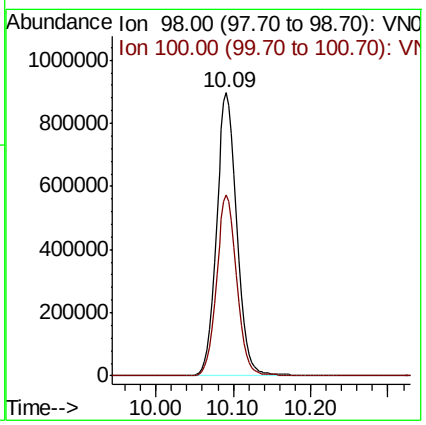


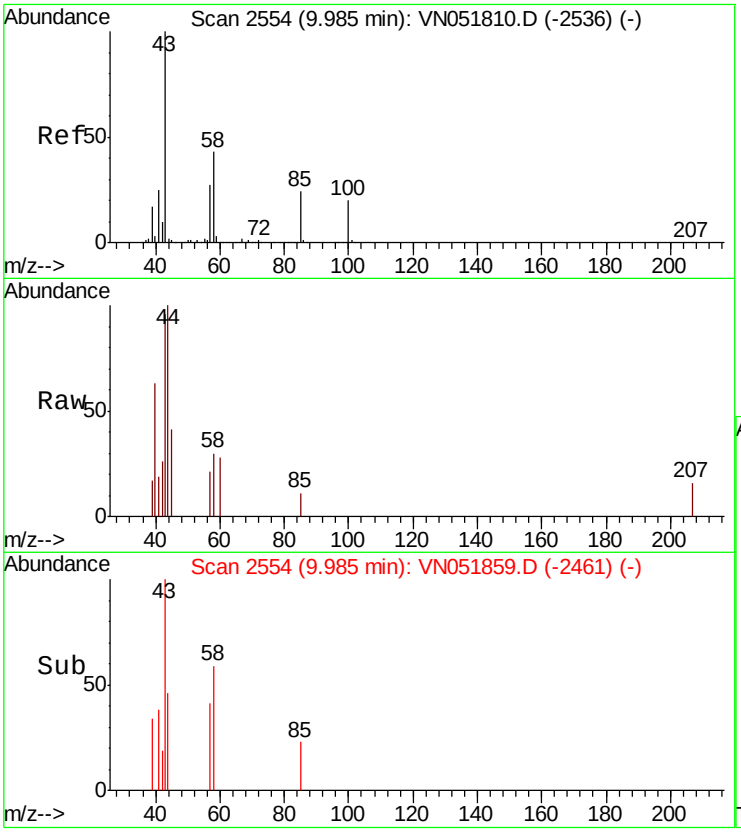


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 98 Resp: 1649349

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3



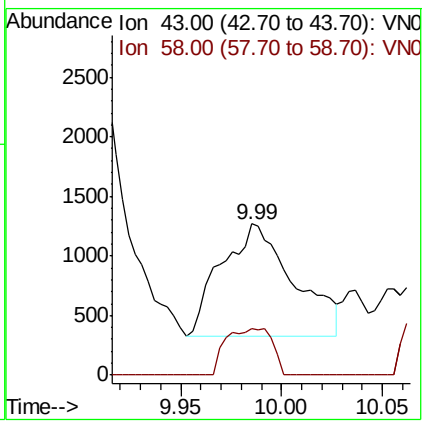


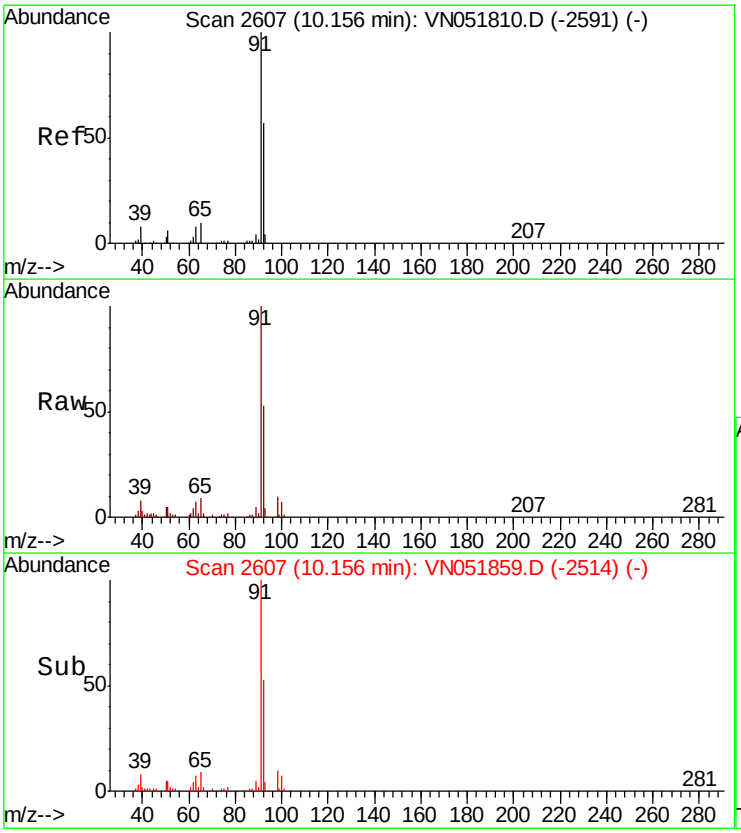
#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion: 43 Resp: 2339

Ion	Ratio	Lower	Upper
43	100		
58	26.9	32.4	48.6#

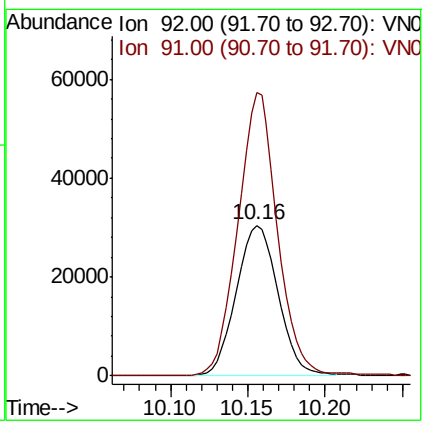


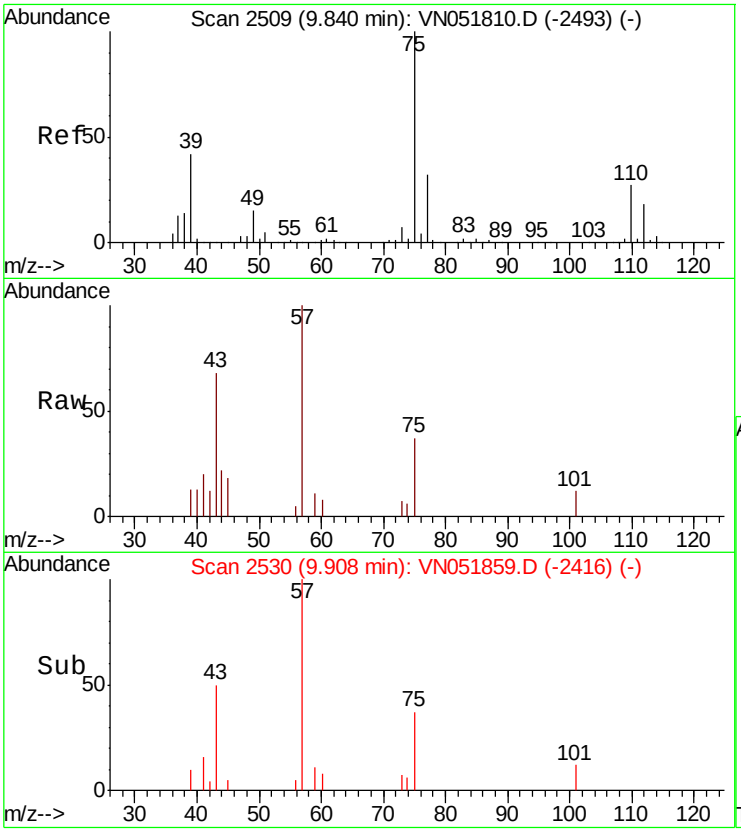


#52
Toluene
Concen: 3.076 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 92 Resp: 57578

Ion	Ratio	Lower	Upper
92	100		
91	177.4	140.6	211.0



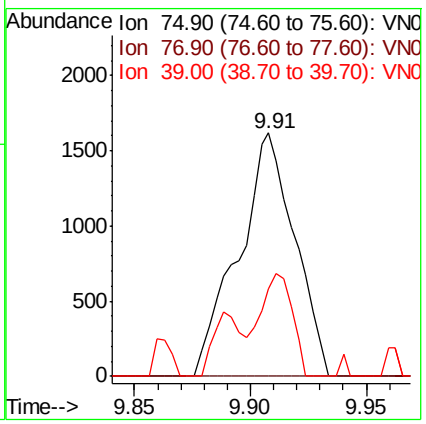


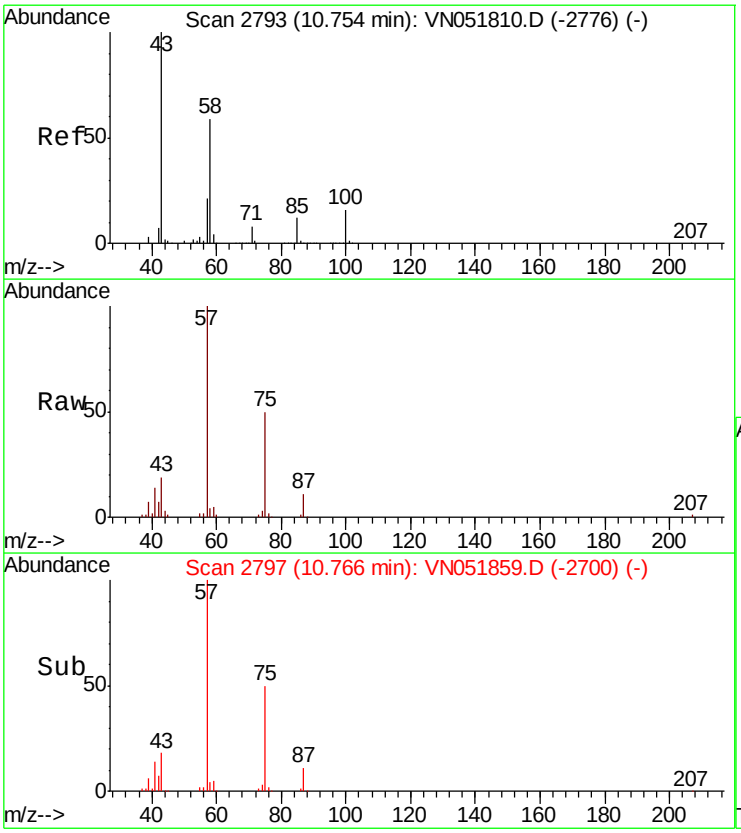
#54
cis-1,3-Dichloropropene
Concen: 0.248 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 75 Resp: 2738

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	36.0	33.0	49.4

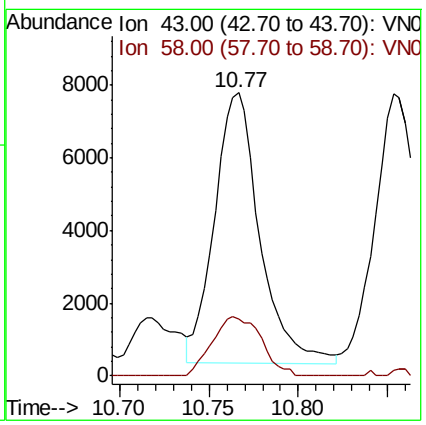


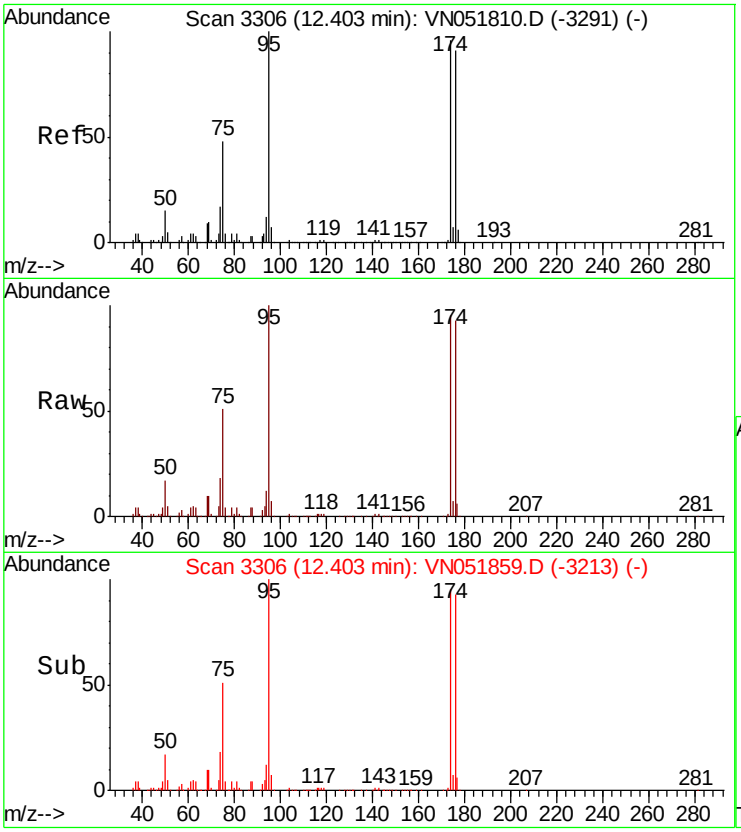


#59
2-Hexanone
Concen: 3.625 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 13111

Ion	Ratio	Lower	Upper
43	100		
58	23.8	28.3	85.0#



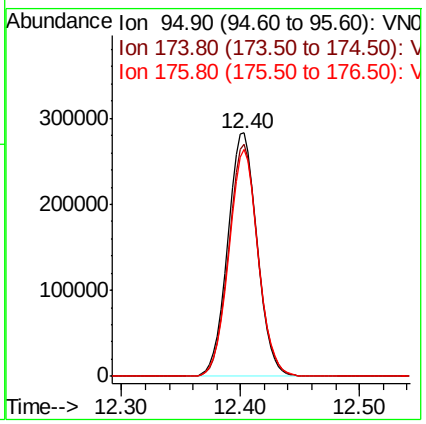


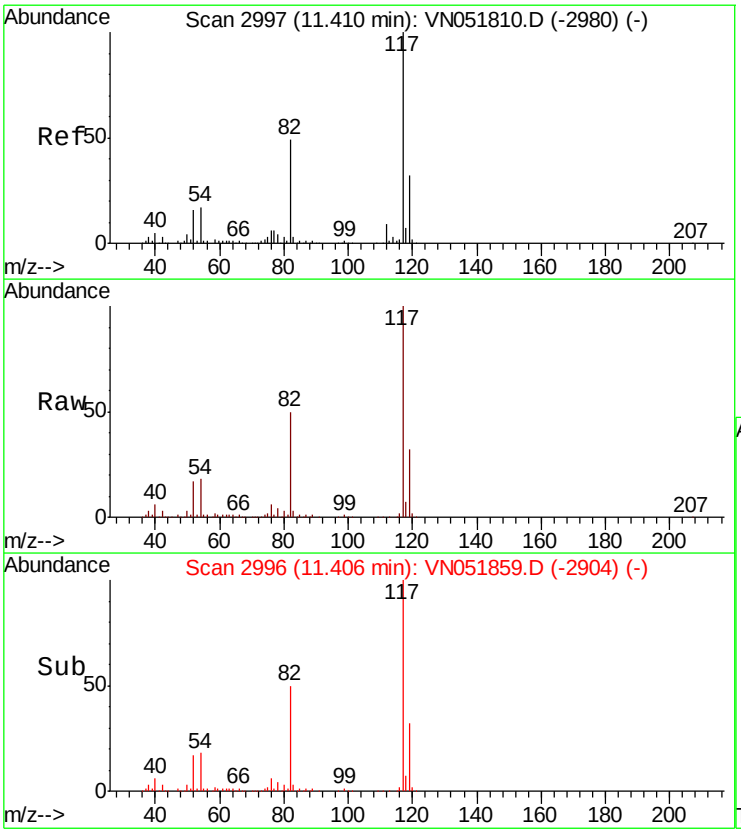
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion: 95 Resp: 484539

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	183.0
176	92.5	0.0	178.8

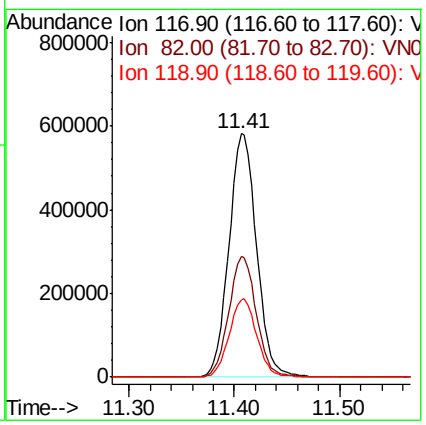


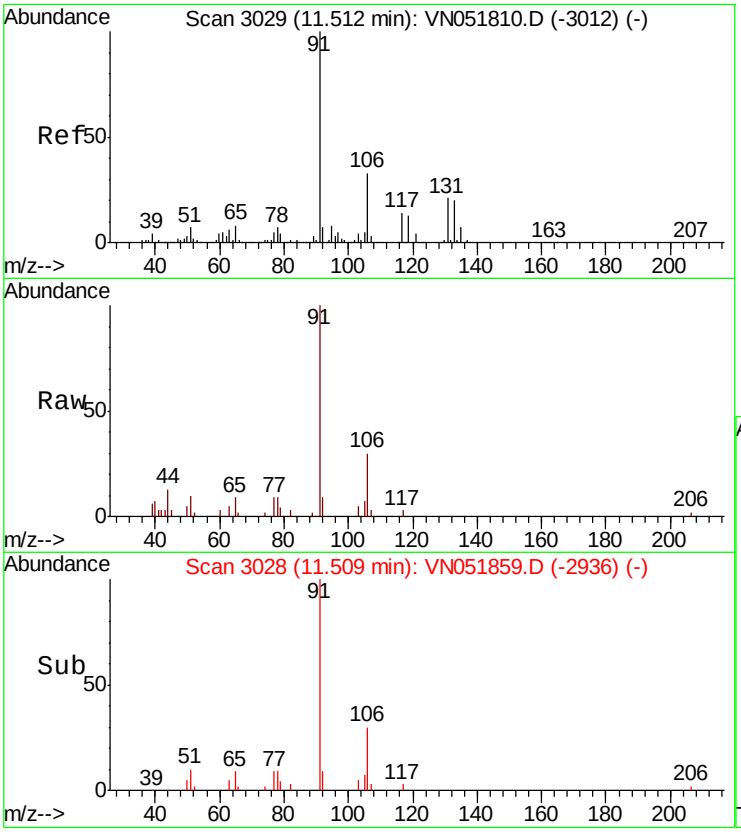


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:117 Resp: 1053214

Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.6	64.0
119	32.0	25.8	38.6



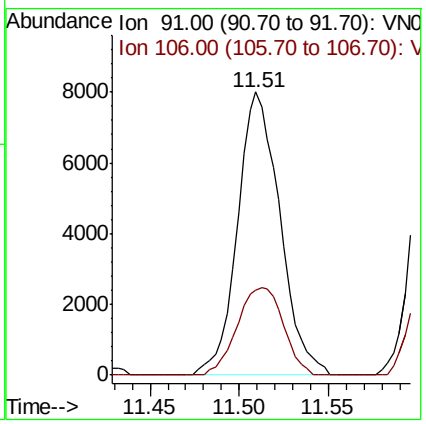


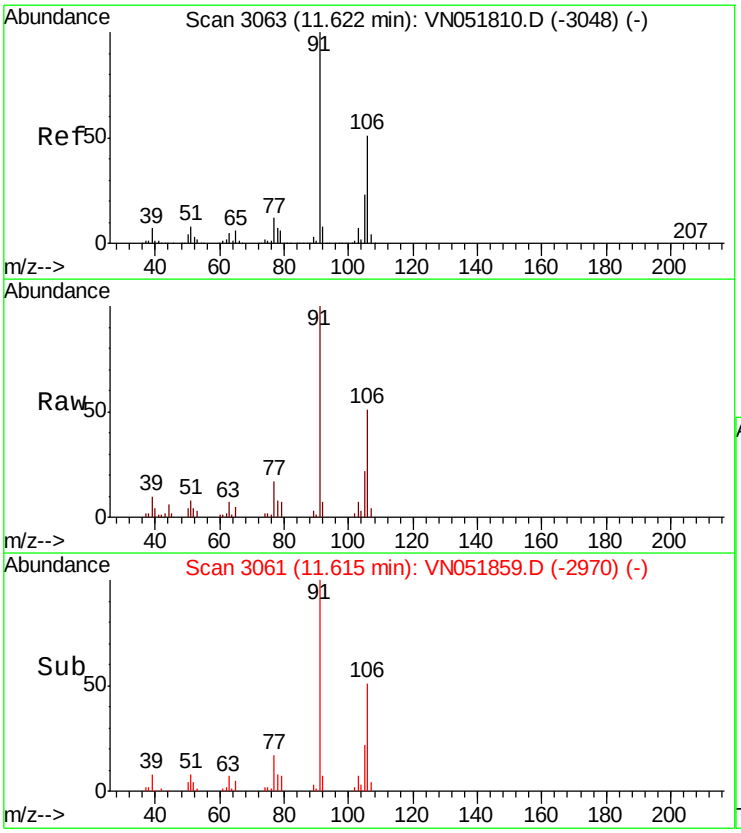
#67
Ethyl Benzene
Concen: 0.376 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion: 91 Resp: 13268

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.0	37.4

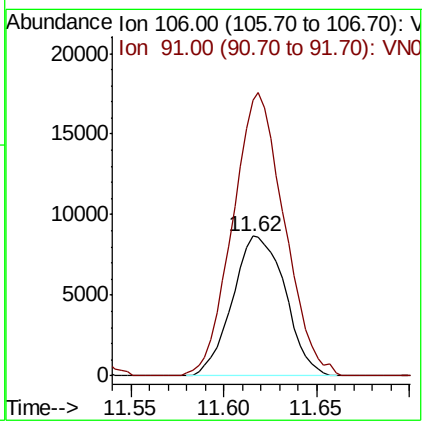


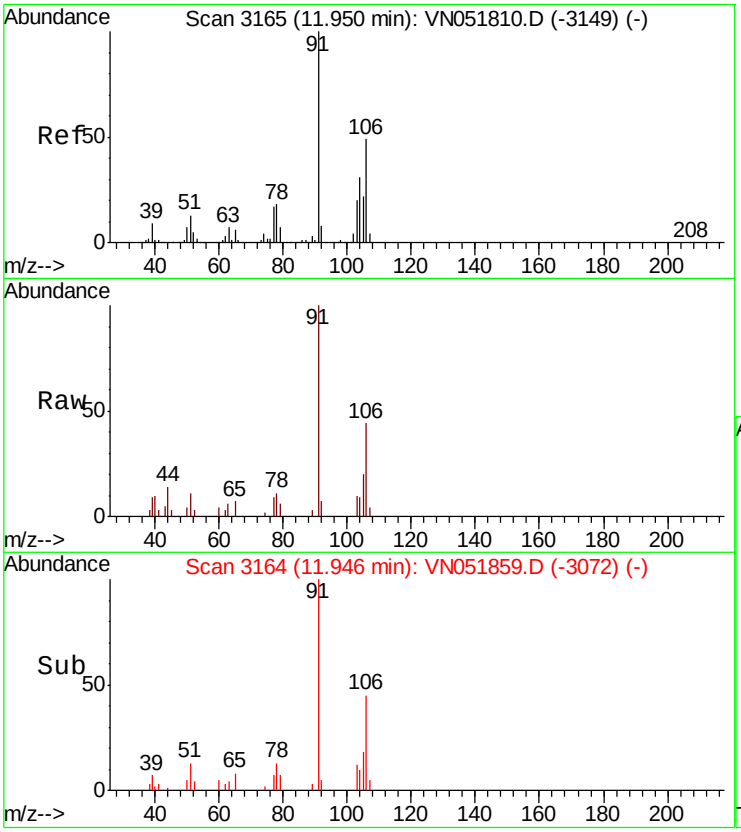


#68
m/p-Xylenes
Concen: 1.201 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:106 Resp: 17105

Ion	Ratio	Lower	Upper
106	100		
91	198.8	161.0	241.6



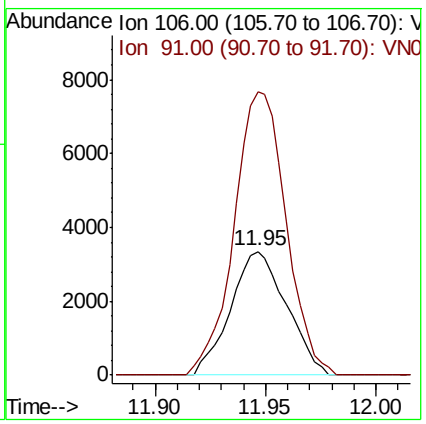


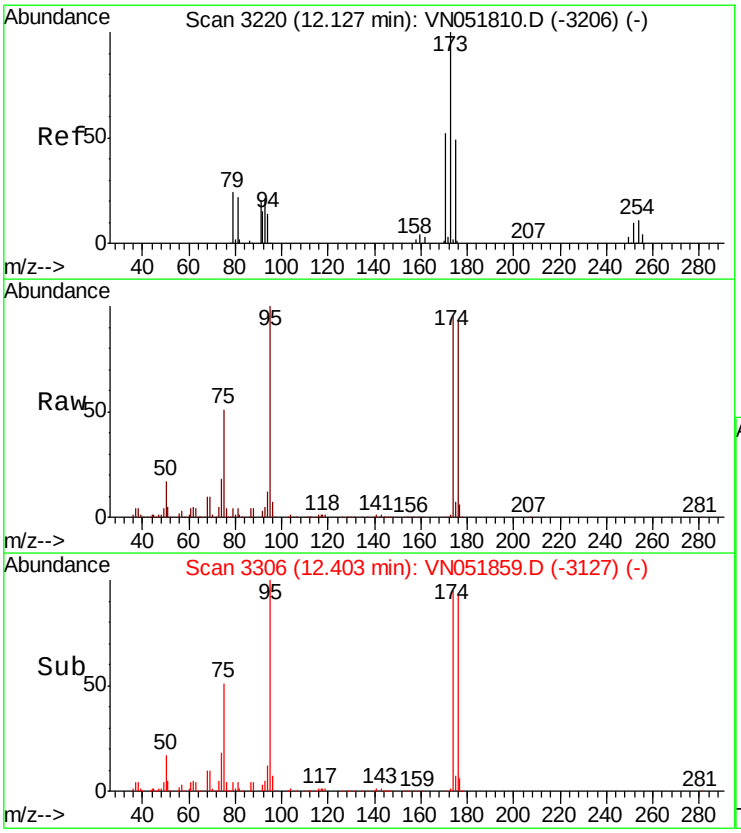
#69
o-Xylene
Concen: 0.427 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:106 Resp: 5907

Ion	Ratio	Lower	Upper
106	100		
91	212.4	106.5	319.5

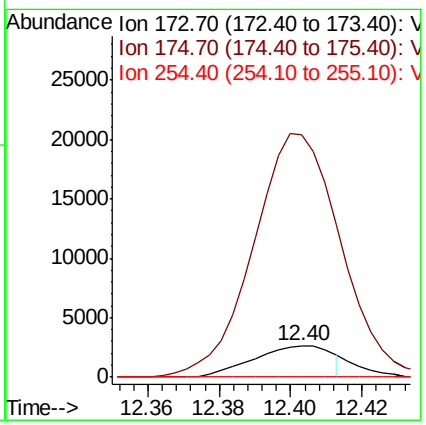


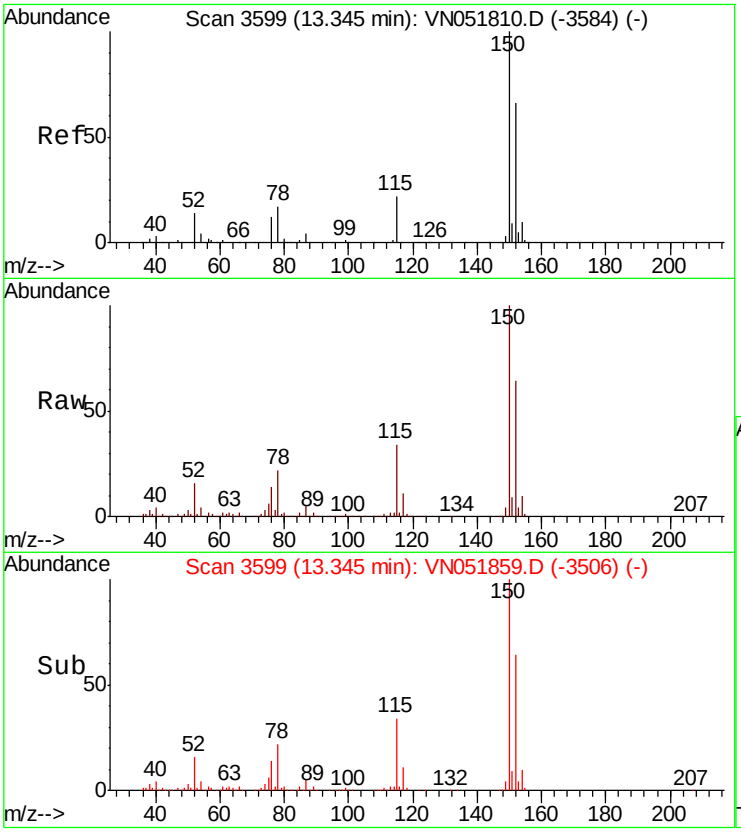


#71
Bromoform
Concen: 4.164 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:173 Resp: 4028

Ion	Ratio	Lower	Upper
173	100		
175	747.2	24.4	73.4#
254	0.0	0.1	0.1#



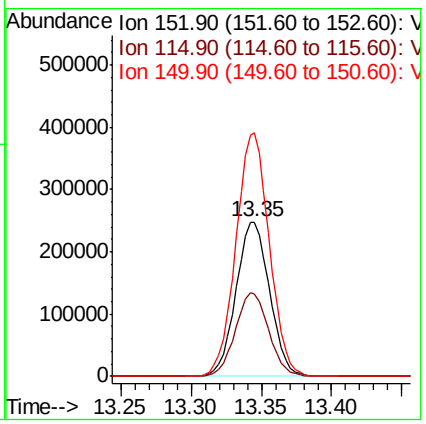


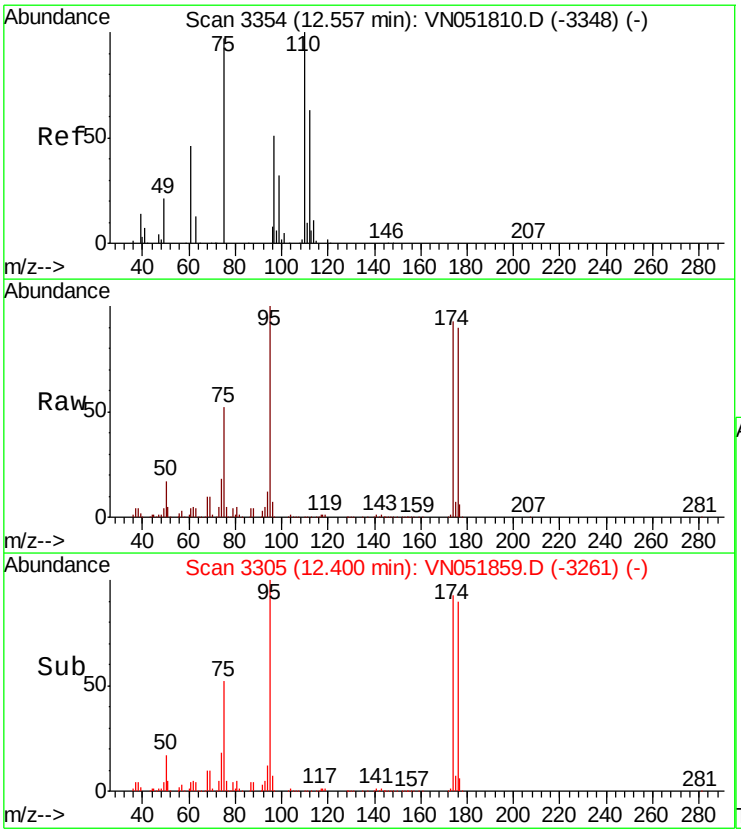
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument : MSVOA_N
ClientSampleId : OK-02-101118

Tgt Ion:152 Resp: 413436

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.4
150	156.8	0.0	351.4

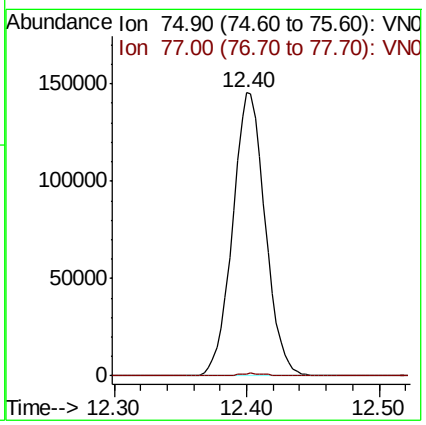


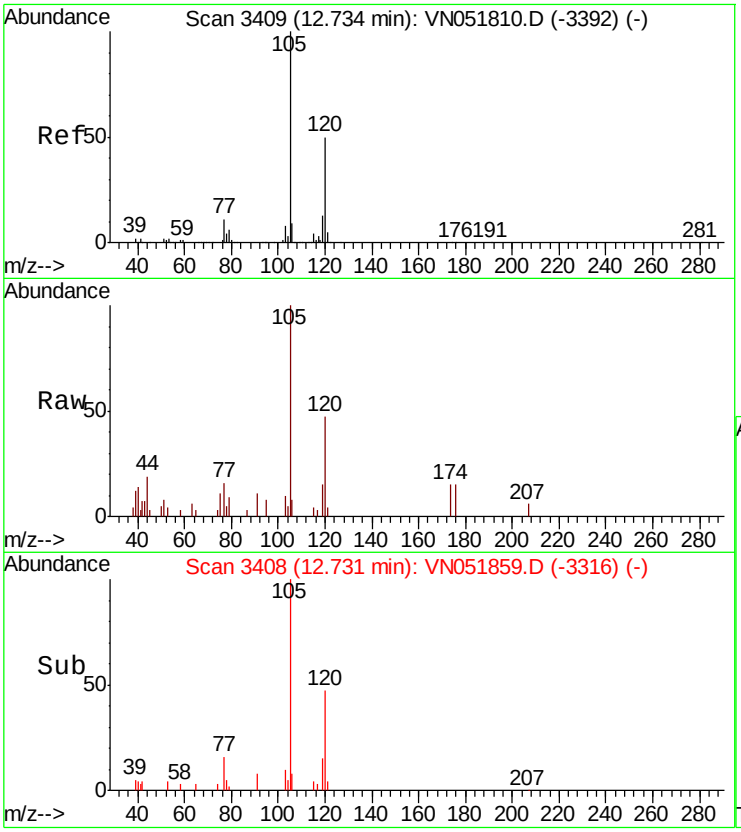


#76
1,2,3-Trichloropropane
Concen: 48.475 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.16 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 75 Resp: 247337

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



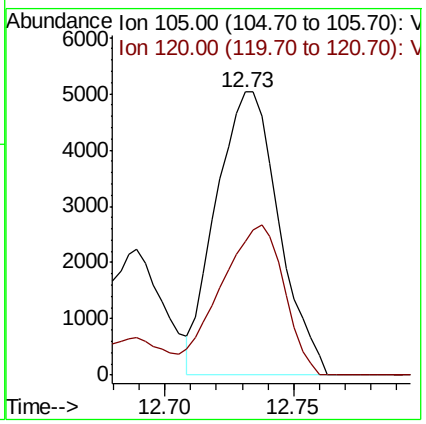


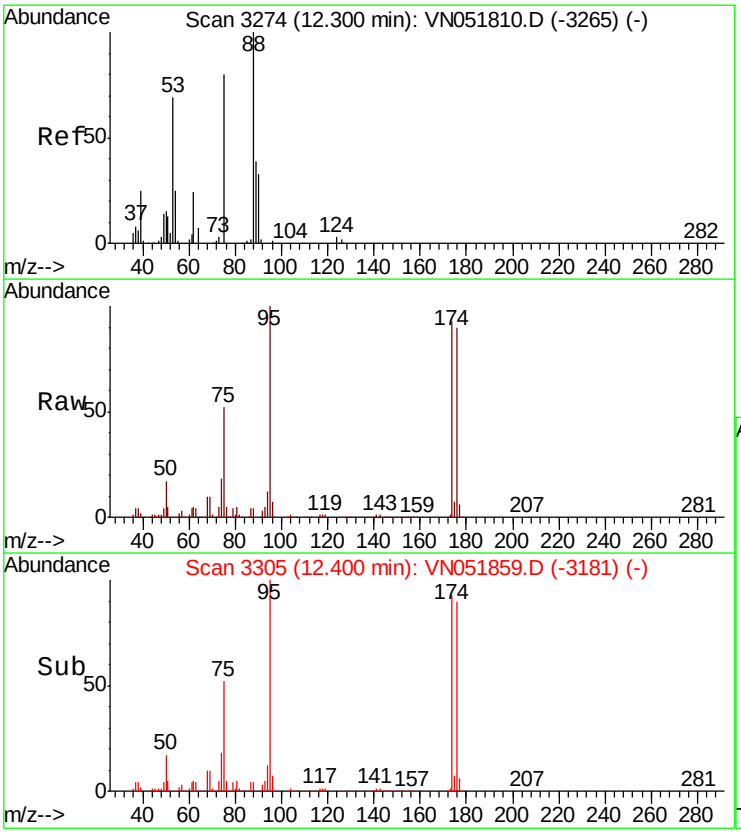
#80
1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:105 Resp: 8529

Ion	Ratio	Lower	Upper
105	100		
120	54.1	24.6	74.0

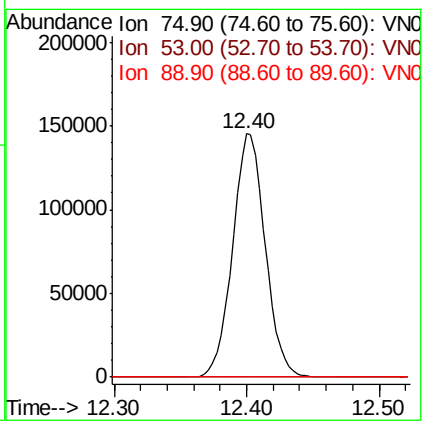


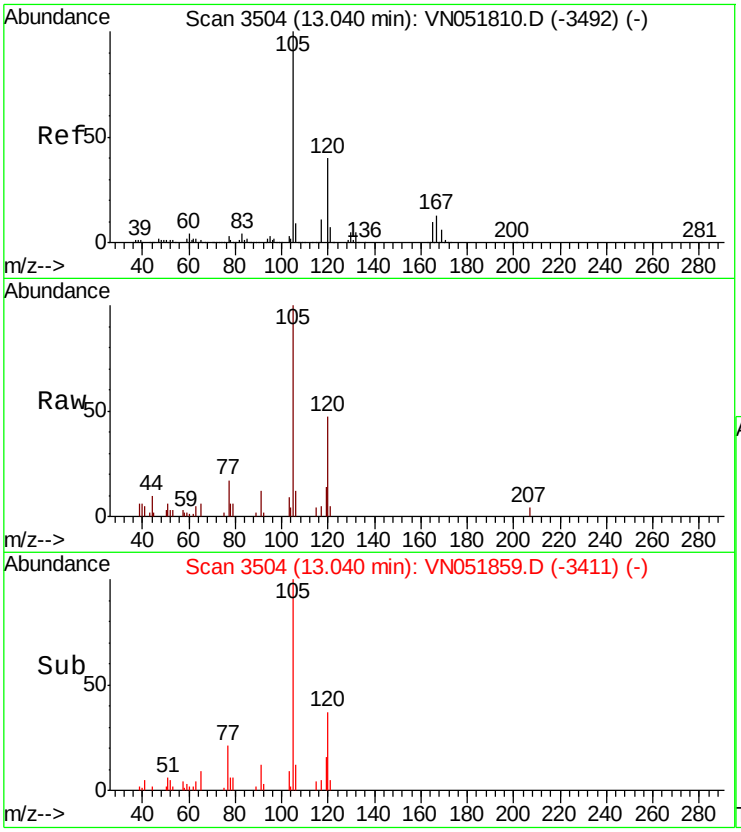


#81
trans-1,4-Dichloro-2-butene
Concen: 137.764 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 75 Resp: 247337

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.9	103.3#
89	0.0	36.1	54.1#



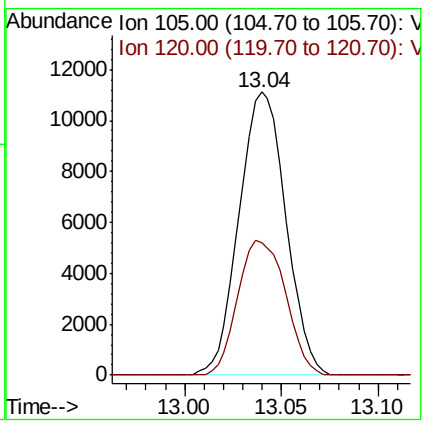


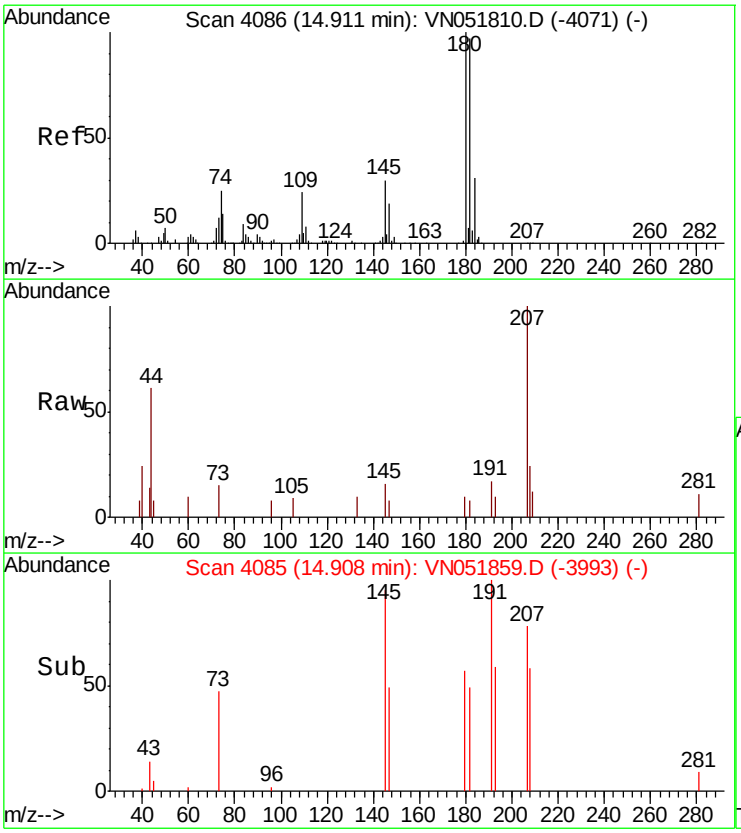
#84
1,2,4-Trimethylbenzene
Concen: 0.725 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:105 Resp: 18741

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.9	68.8

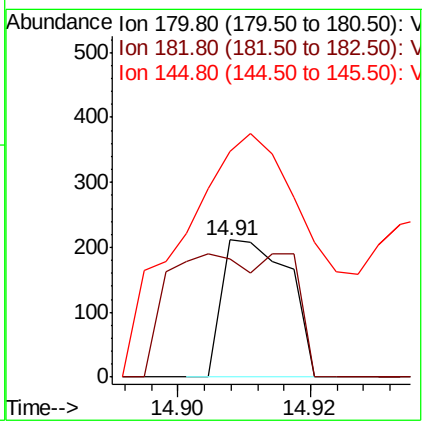


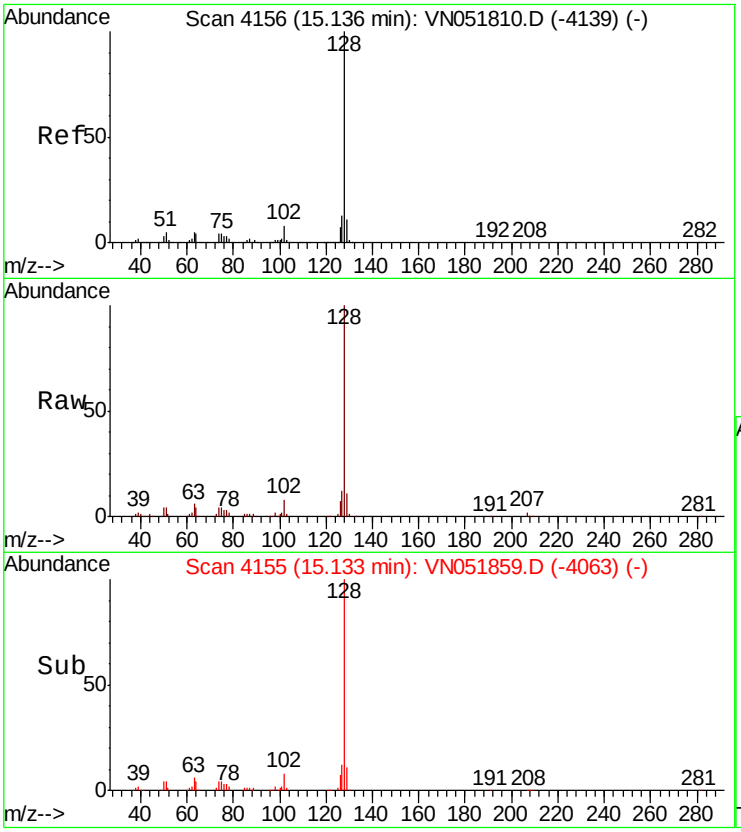


#93
1,2,4-Trichlorobenzene
Concen: 3.674 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:180 Resp: 148

Ion	Ratio	Lower	Upper
180	100		
182	163.5	48.2	144.6#
145	355.4	14.1	42.2#





#95
Naphthalene
Concen: 15.283 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tgt Ion:128 Resp: 181799

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	10.6	8.7	13.1