Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020519\
Data File : VN053617.D
Acq On : 5 Feb 2019 14:03
Operator : JC/SP
Sample : K1350-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : EO-03-020419-B

Quant Time: Feb 06 03:32:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	808925	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1326408	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1196020	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	511627	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	432093	53.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.50%				
35) Dibromofluoromethane	7.59	113	420917	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.44%				
50) Toluene-d8	10.09	98	1594682	50.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.34%				
62) 4-Bromofluorobenzene	12.40	95	529106	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
Target Compounds							Qvalue
13) Acrolein	3.62	56	178	0.681	ug/l	#	34
14) Allyl chloride	4.55	41	1327236	111.280	ug/l	#	27
16) Acetone	3.82	43	28151	13.524	ug/l		97
18) Methyl Acetate	4.55	43	147837	23.982	ug/l	#	84
25) 2-Butanone	6.85	43	5808	1.956	ug/l		97
29) Tetrahydrofuran	7.22	42	1897	0.995	ug/l	#	67
31) Cyclohexane	7.67	56	12081	0.713	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	49368	4.129	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	65687	5.453	ug/l	#	16
43) Isopropyl Acetate	8.17	43	37521	2.909	ug/l	#	81
45) 1,2-Dichloropropane	9.27	63	2262	0.240	ug/l	#	43
48) Methyl methacrylate	9.17	41	12228	1.986	ug/l	#	12
51) 4-Methyl-2-Pentanone	10.02	43	9158	1.445	ug/l	#	34
54) cis-1,3-Dichloropropene	9.91	75	79864	5.694	ug/l	#	60
57) 1,3-Dichloropropane	10.76	76	15920	1.181	ug/l	#	43
59) 2-Hexanone	10.77	43	201933	46.937	ug/l	#	50
68) m/p-Xylenes	11.62	106	3921	0.246	ug/l		91
76) 1,2,3-Trichloropropane	12.40	75	247319	37.635	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	10633	0.357	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	247319	105.826	ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.04	105	26769	0.881	ug/l		97
95) Naphthalene	15.13	128	44071	3.629	ug/l		98

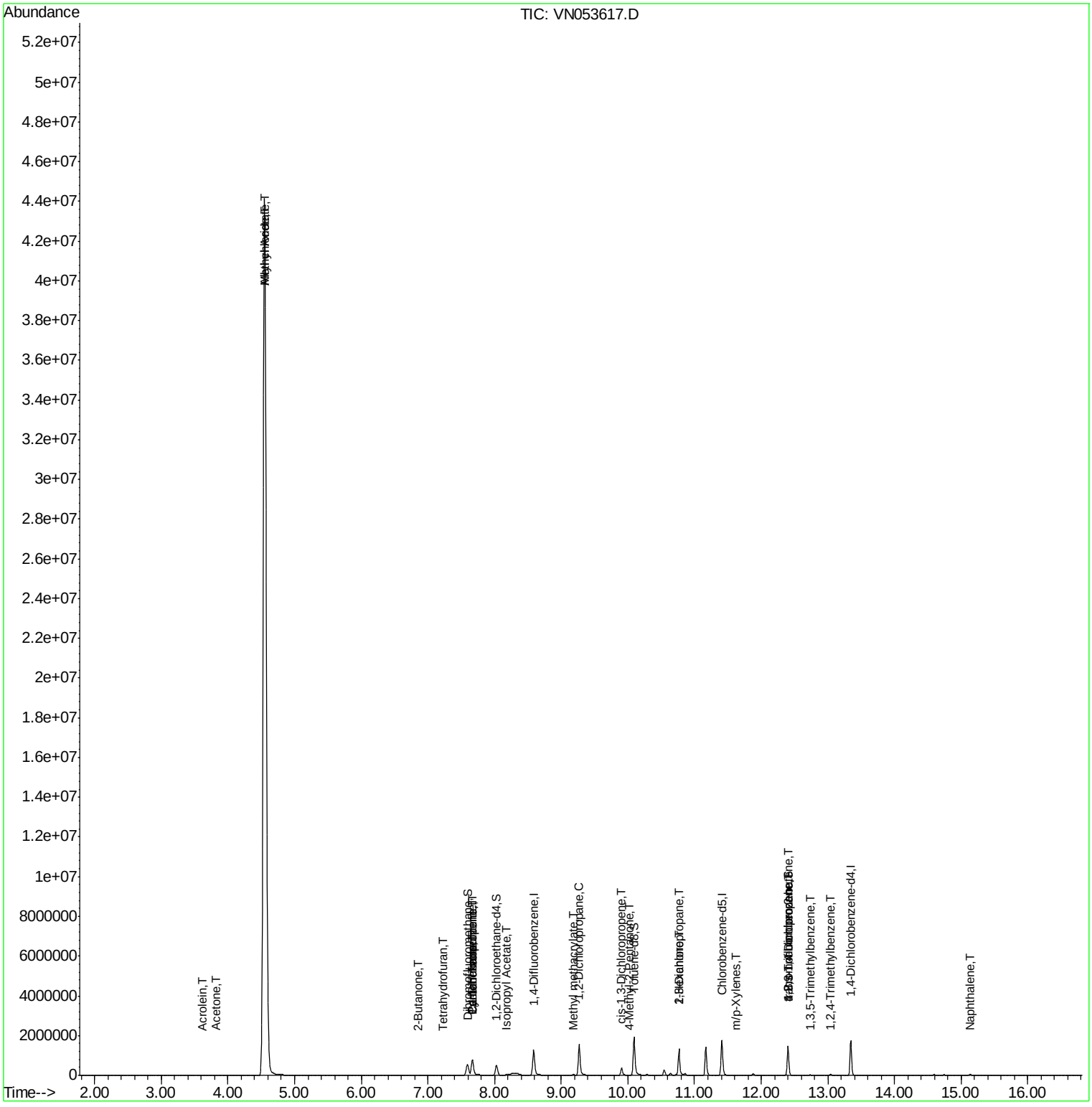
(#) = qualifier out of range (m) = manual integration (+) = signals summed

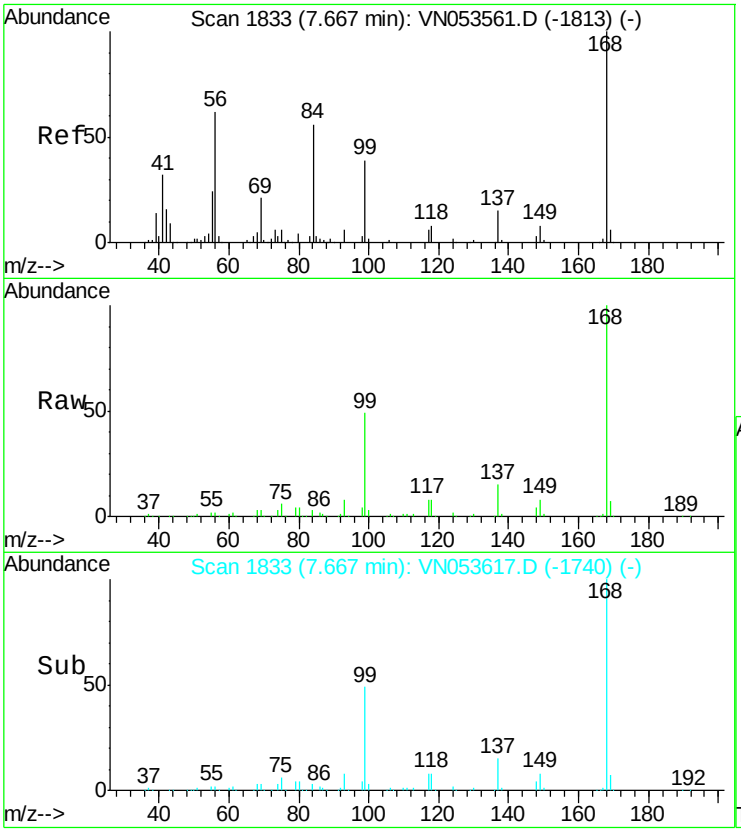
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020519\
Data File : VN053617.D
Acq On : 5 Feb 2019 14:03
Operator : JC/SP
Sample : K1350-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Quant Time: Feb 06 03:32:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



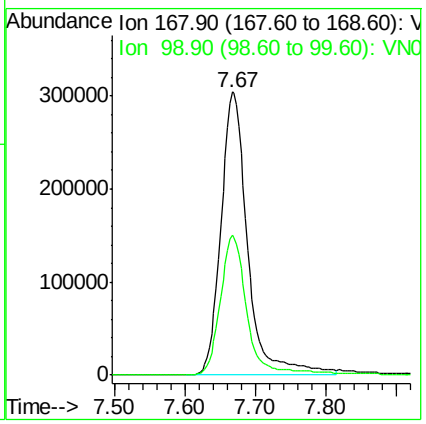


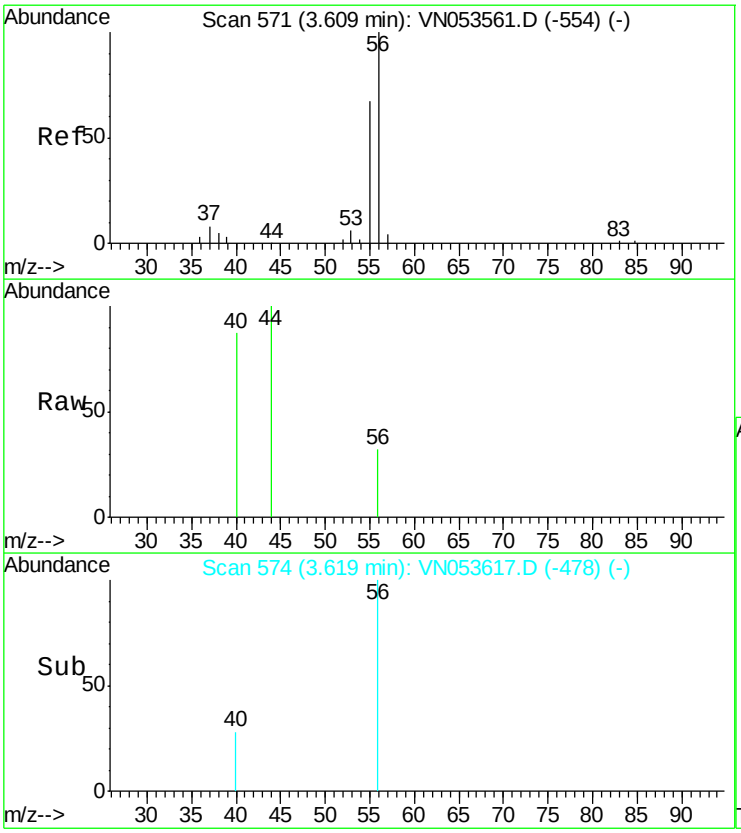
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:168 Resp: 808925

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.1	58.7

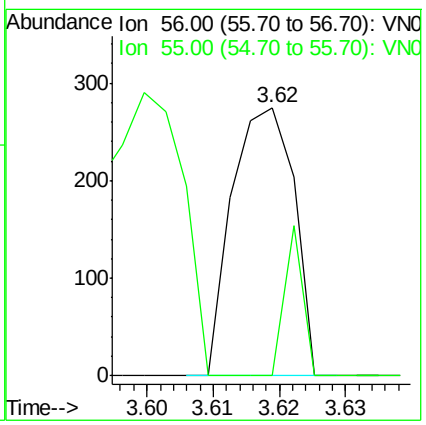


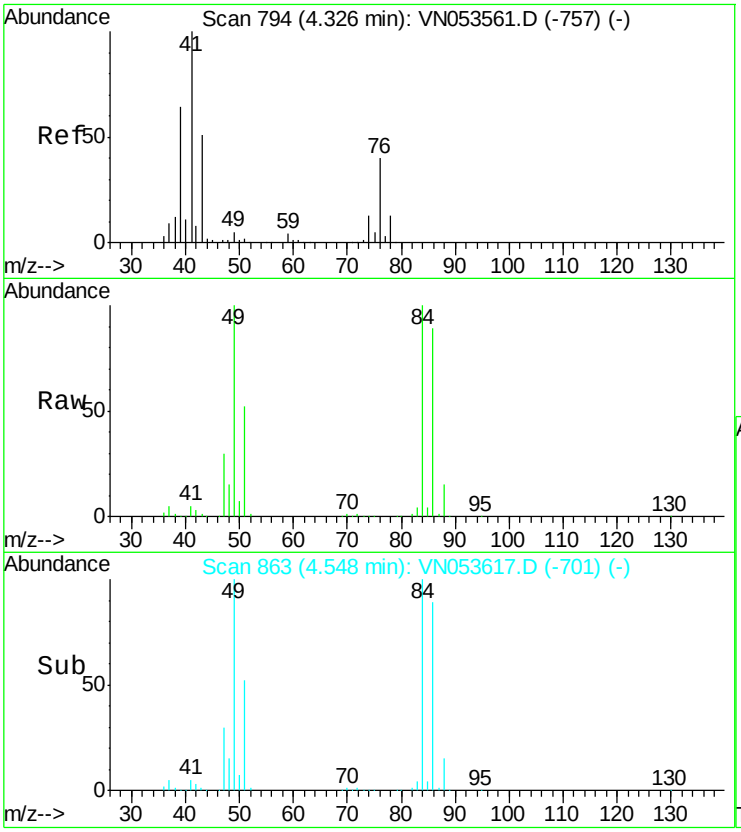


#13
Acrolein
Concen: 0.681 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 56 Resp: 178

Ion	Ratio	Lower	Upper
56	100		
55	16.9	57.4	86.0#



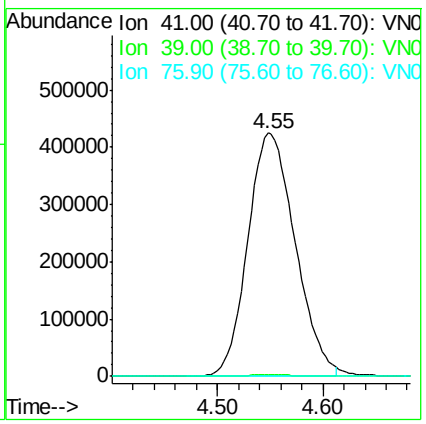


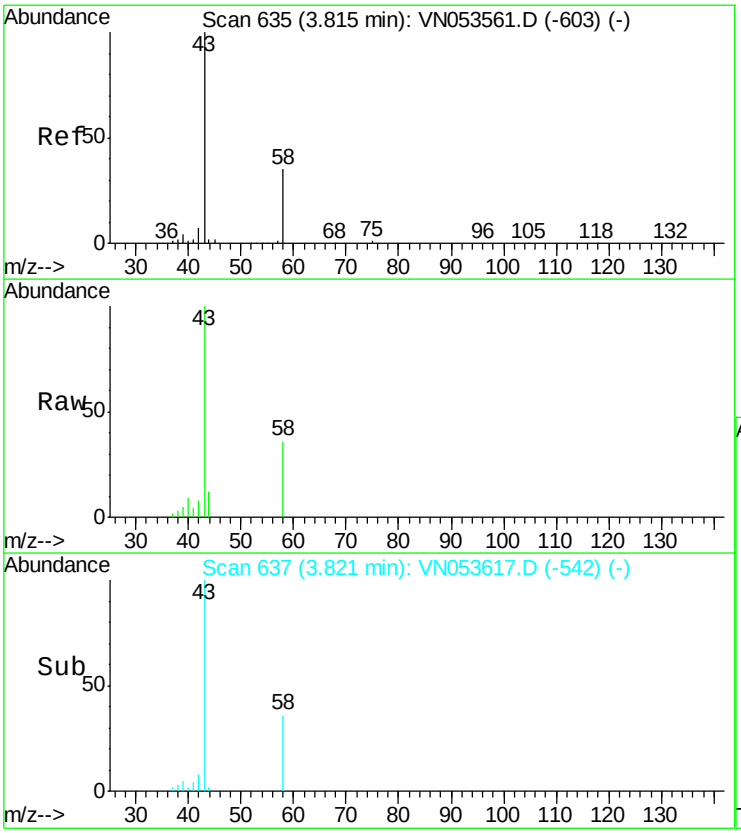
#14
Allyl chloride
Concen: 111.280 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.22 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument : MSVOA_N
ClientSampleId : EO-03-020419-B

Tgt Ion: 41 Resp: 1327236

Ion	Ratio	Lower	Upper
41	100		
39	0.7	48.9	73.3#
76	0.0	29.4	44.2#

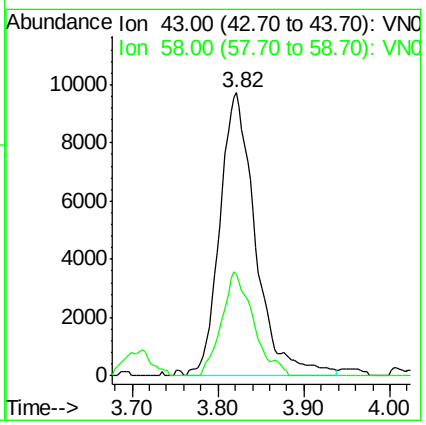


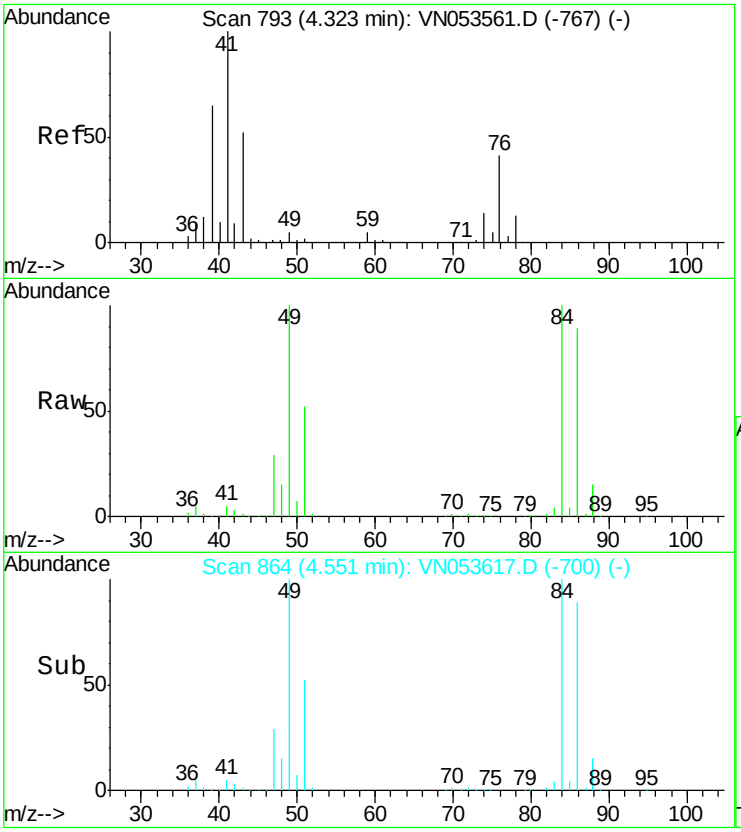


#16
Acetone
Concen: 13.524 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 43 Resp: 28151

Ion	Ratio	Lower	Upper
43	100		
58	35.9	27.1	40.7



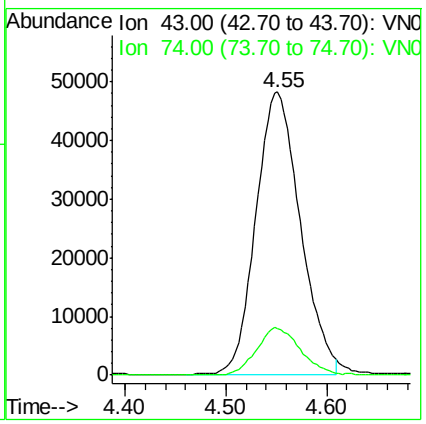


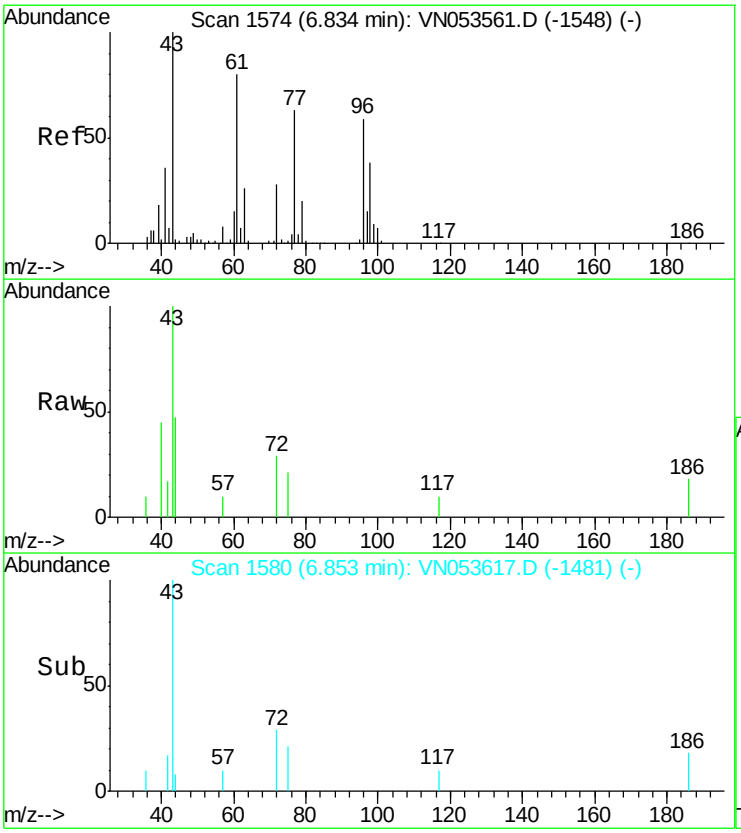
#18
Methyl Acetate
Concen: 23.982 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 43 Resp: 147837

Ion	Ratio	Lower	Upper
43	100		
74	16.5	19.4	29.2#

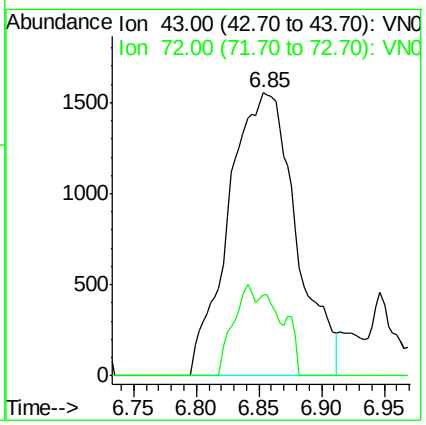


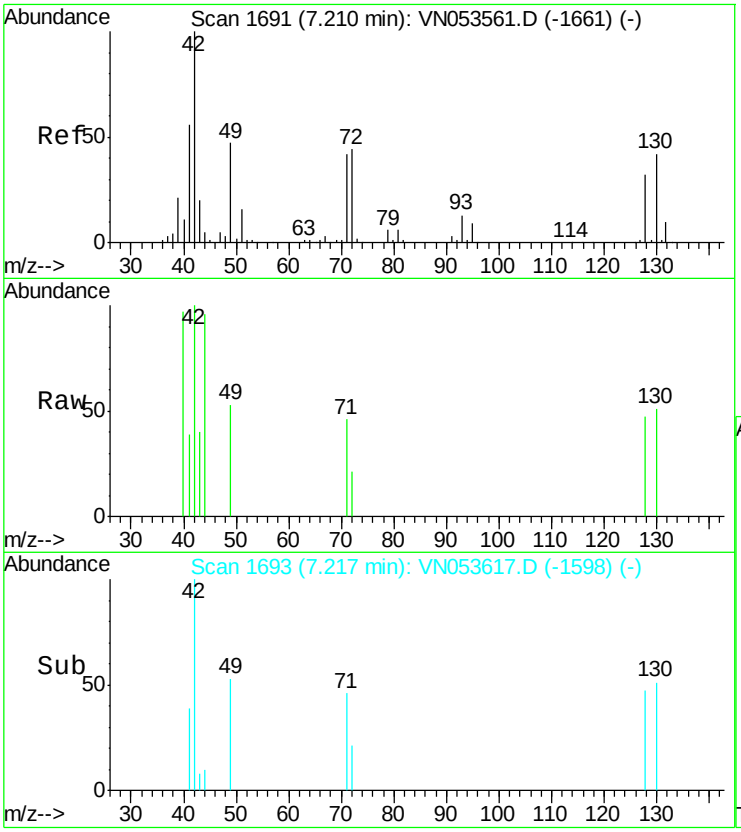


#25
2-Butanone
Concen: 1.956 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 43 Resp: 5808

Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.0	33.0



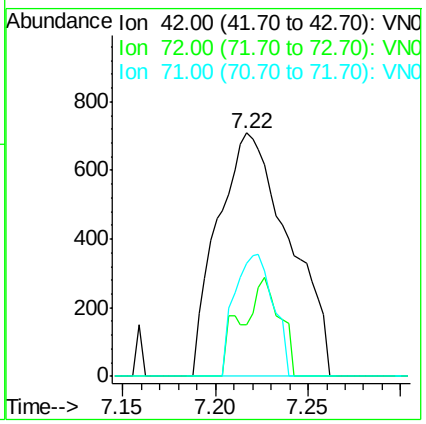


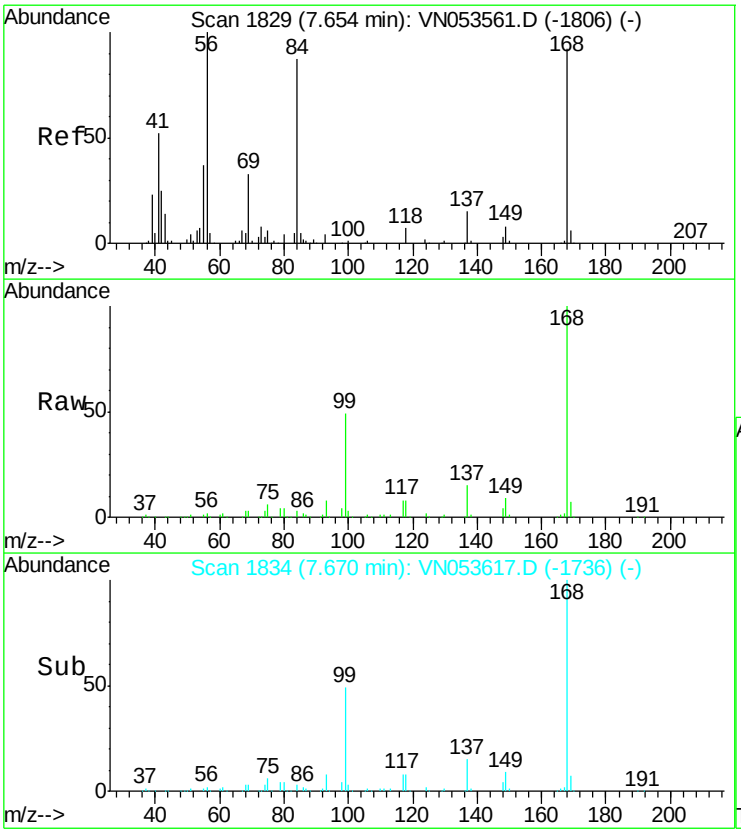
#29
Tetrahydrofuran
Concen: 0.995 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 42 Resp: 1897

Ion	Ratio	Lower	Upper
42	100		
72	16.4	35.2	52.8#
71	26.9	33.0	49.4#

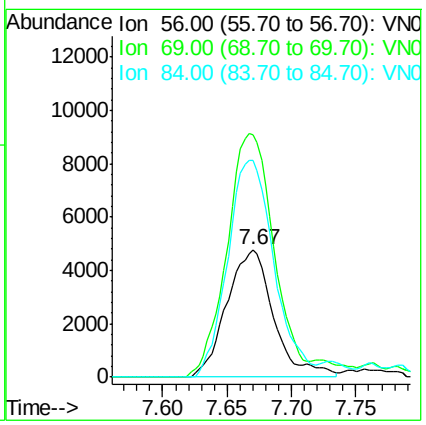


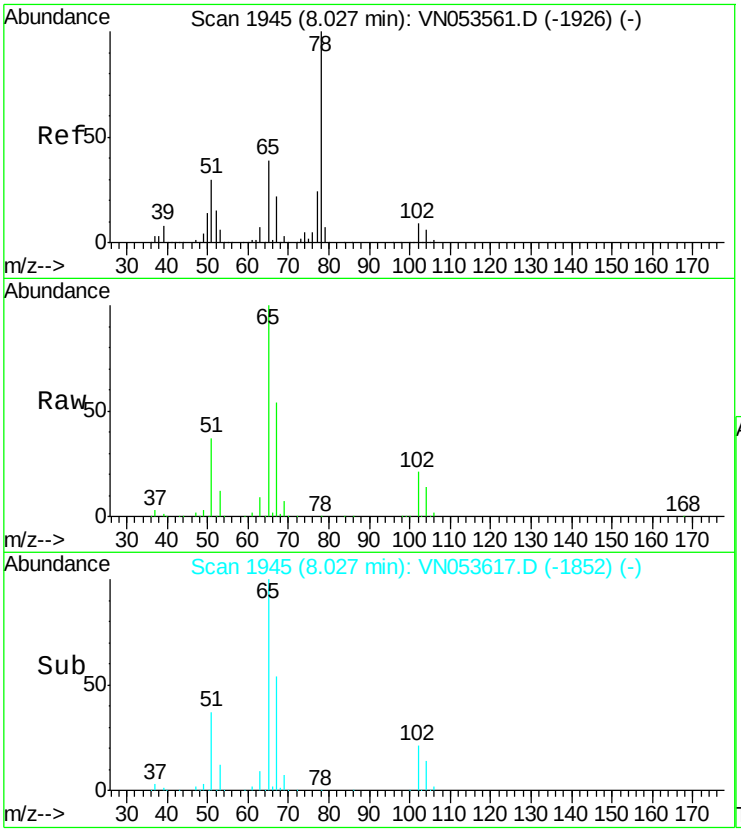


#31
Cyclohexane
Concen: 0.713 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 56 Resp: 12081

Ion	Ratio	Lower	Upper
56	100		
69	189.9	26.4	39.6#
84	170.0	67.9	101.9#



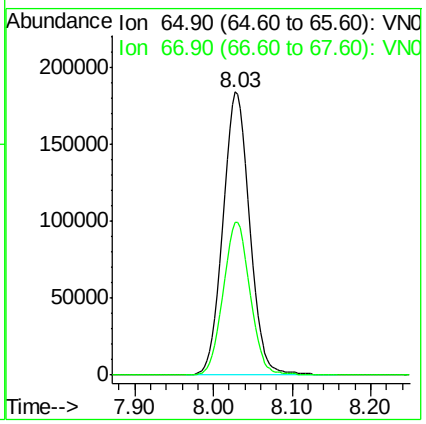


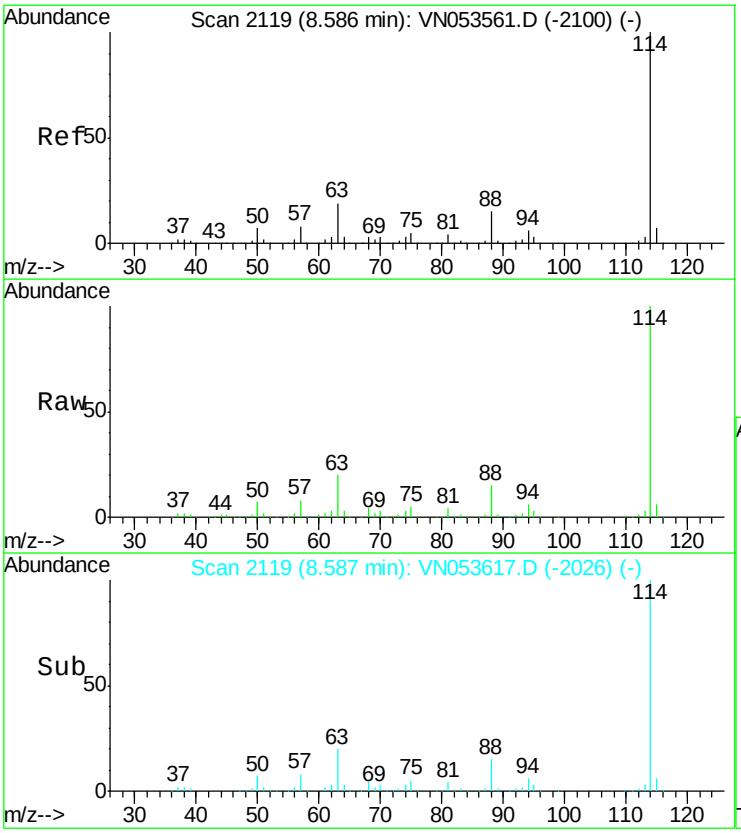
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 65 Resp: 432093

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.2

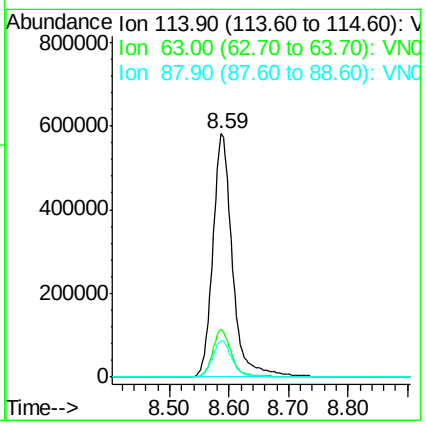


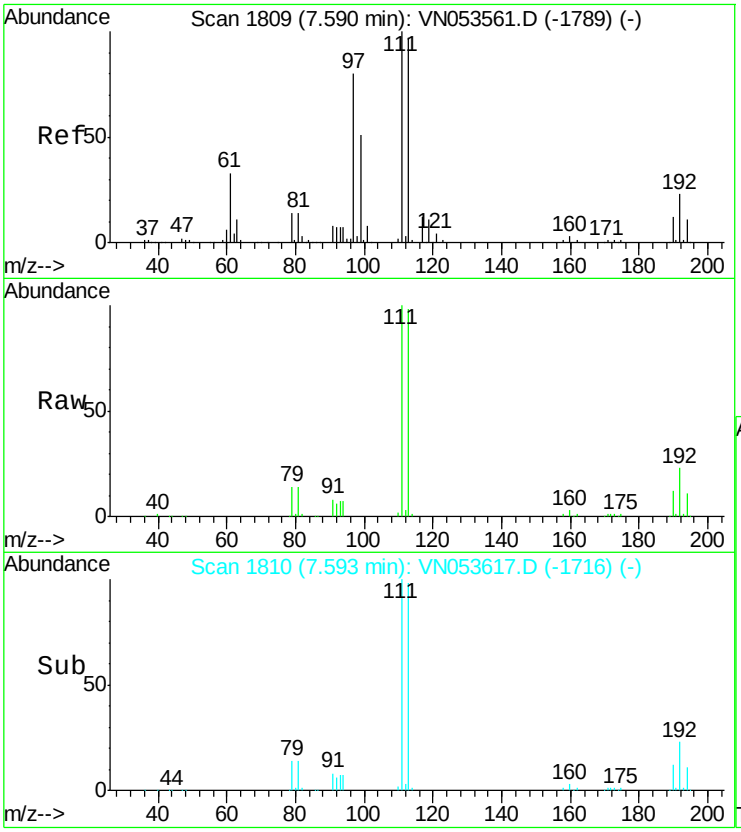


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion:114 Resp: 1326408

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	14.9	0.0	30.4



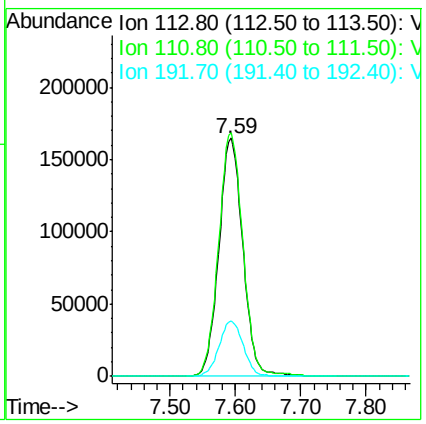


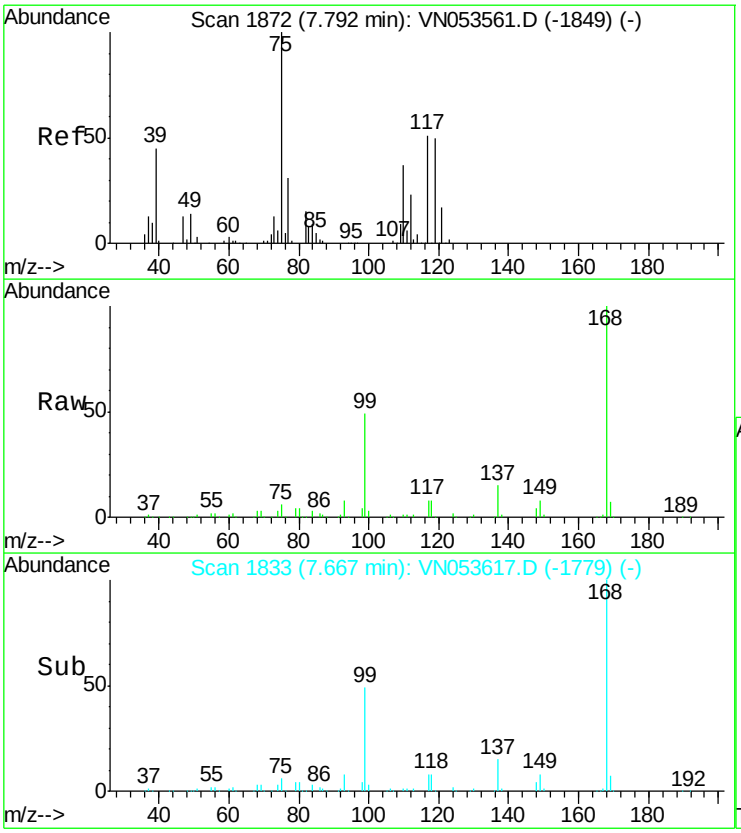
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:113 Resp: 420917

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	23.6	18.2	27.2

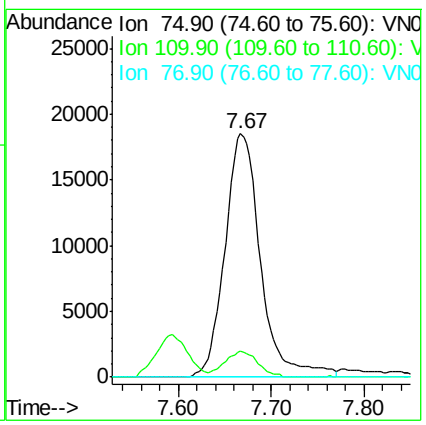


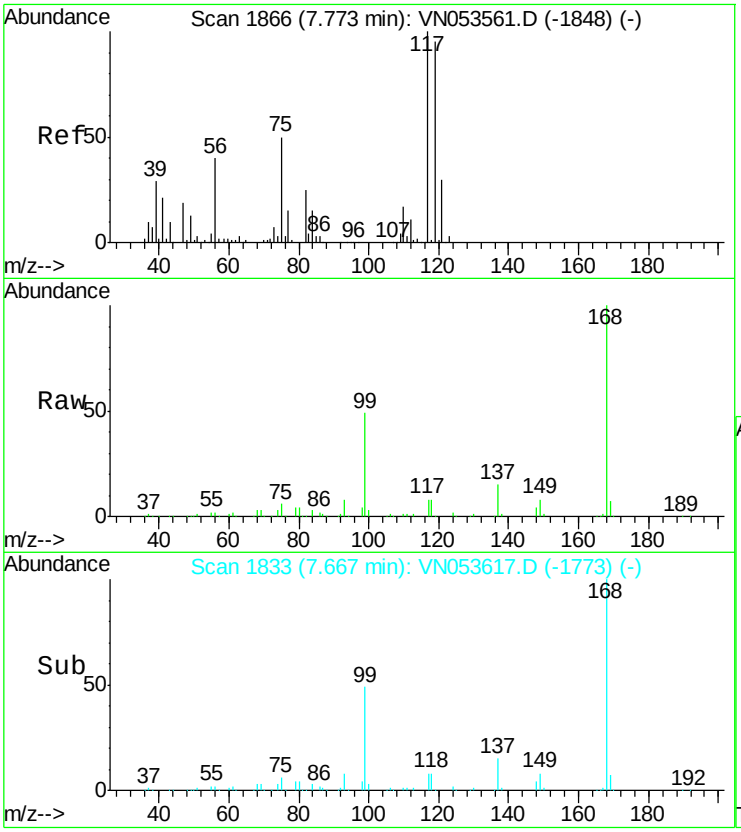


#36
1,1-Dichloropropene
Concen: 4.129 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 75 Resp: 49368

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.3#
77	0.0	25.1	37.7#



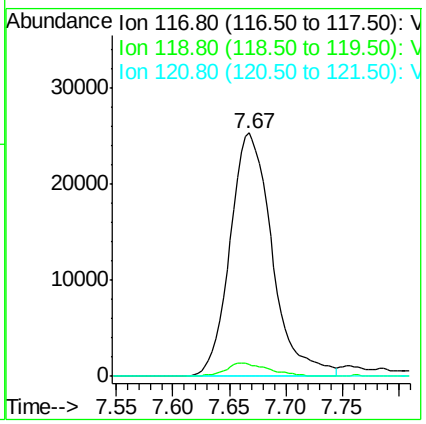


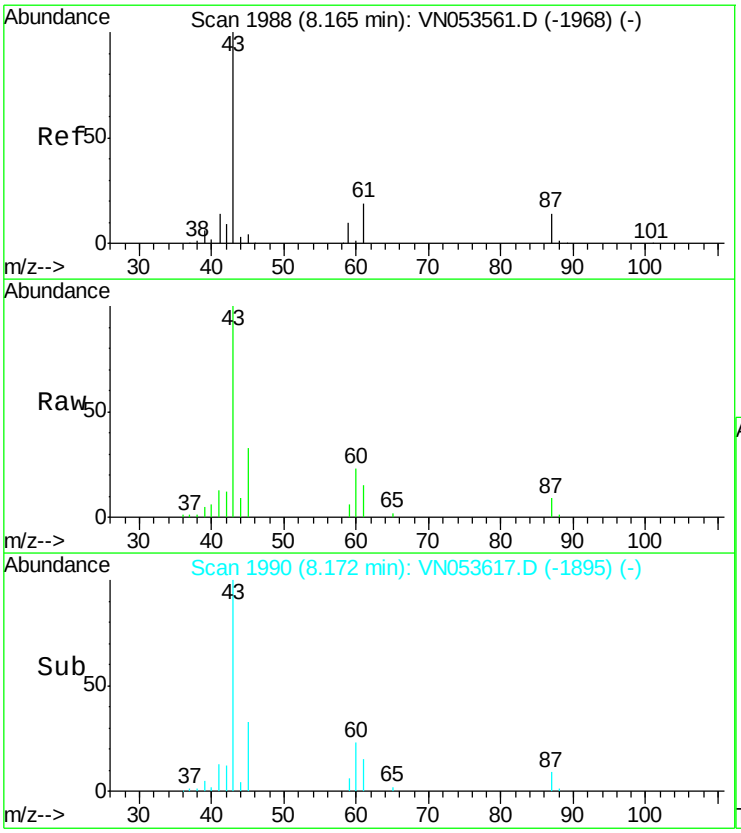
#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:117 Resp: 65687

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.2	115.8#
121	0.0	24.6	37.0#

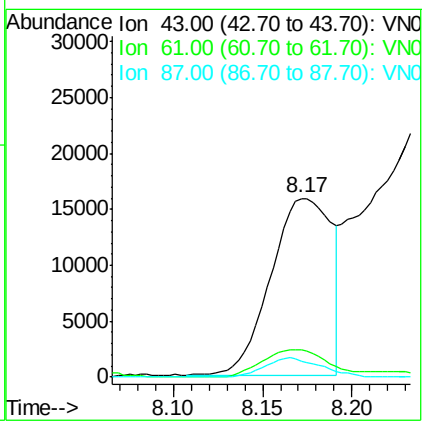


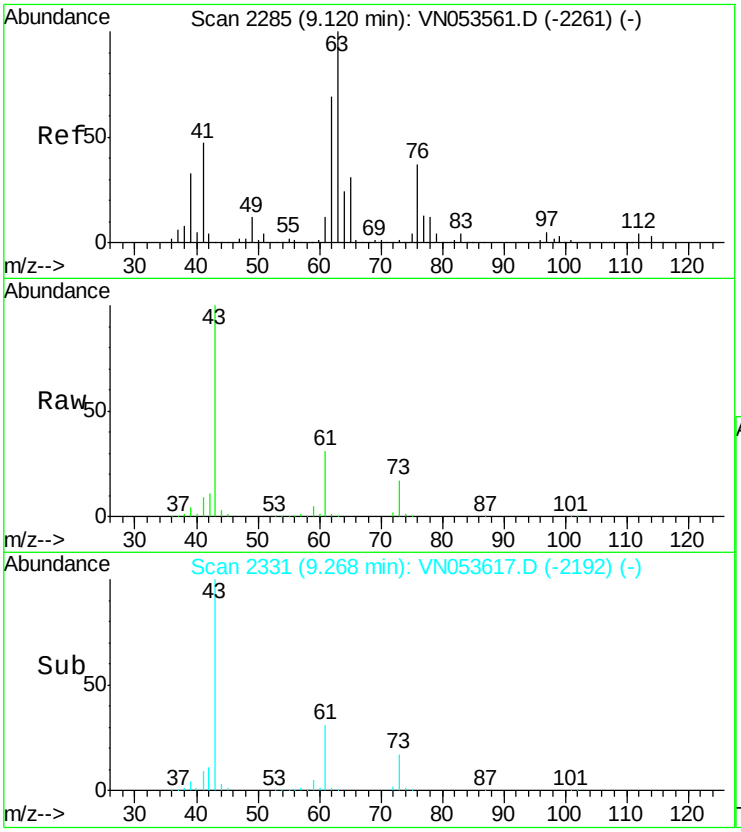


#43
Isopropyl Acetate
Concen: 2.909 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 43 Resp: 37521

Ion	Ratio	Lower	Upper
43	100		
61	16.9	23.9	35.9#
87	10.2	11.0	16.6#



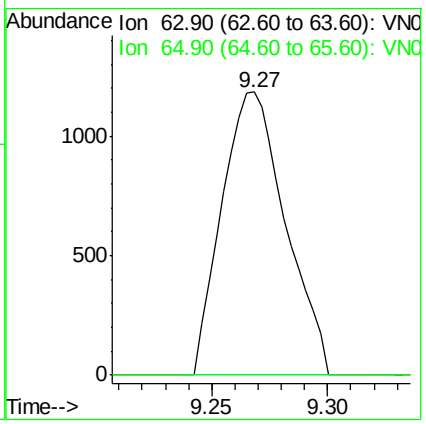


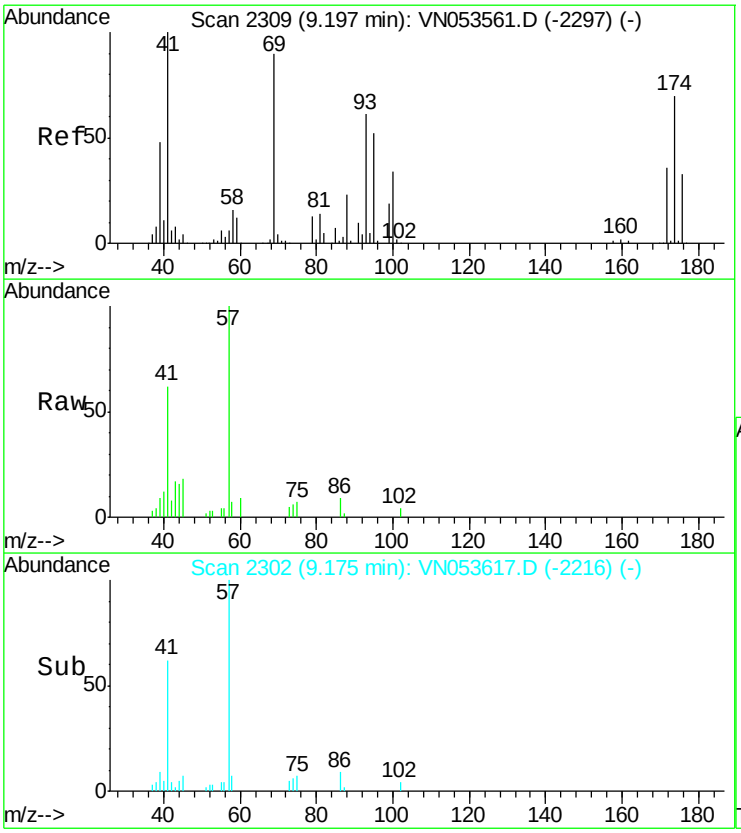
#45
1,2-Dichloropropane
Concen: 0.240 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 63 Resp: 2262

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

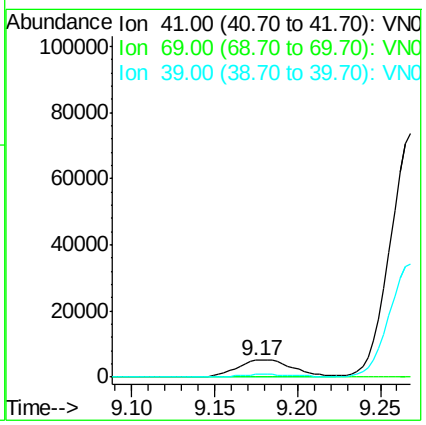


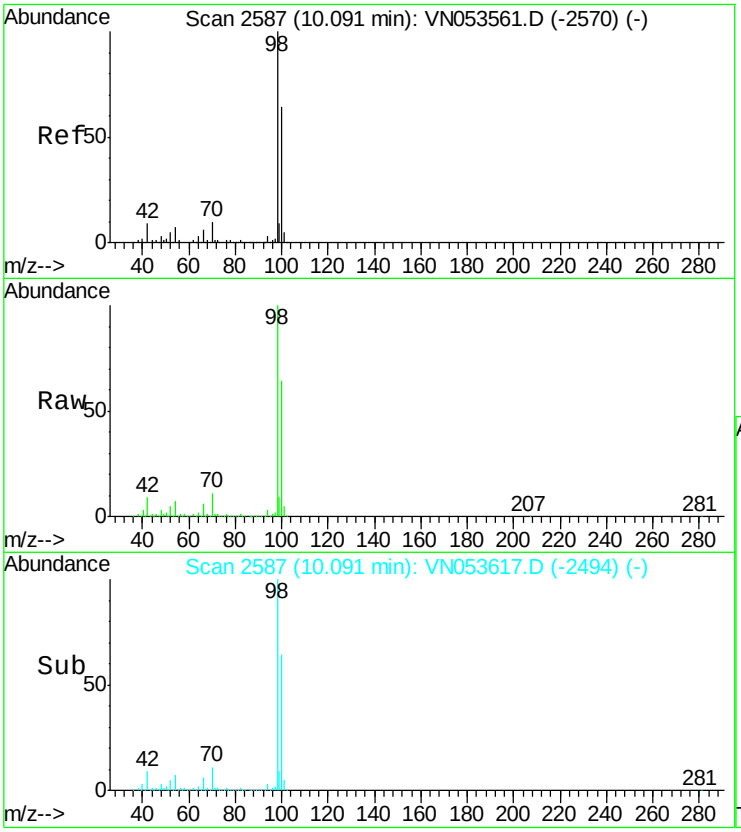


#48
Methyl methacrylate
Concen: 1.986 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 41 Resp: 12228

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	0.0	40.0	60.0#



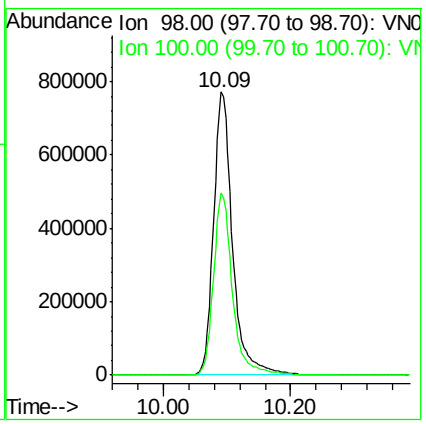


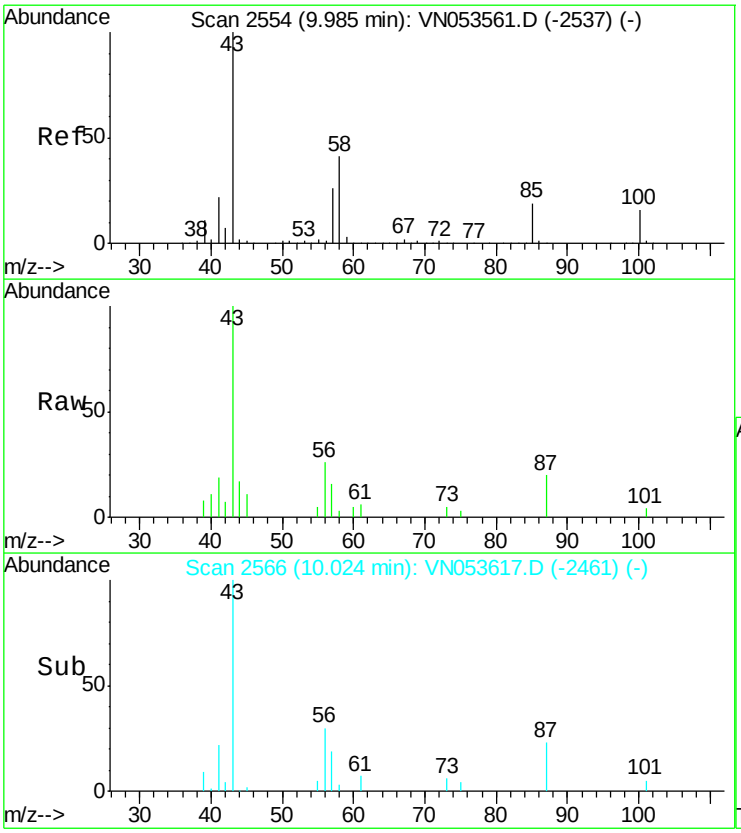
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument : MSVOA_N
ClientSampleId : EO-03-020419-B

Tgt Ion: 98 Resp: 1594682

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0

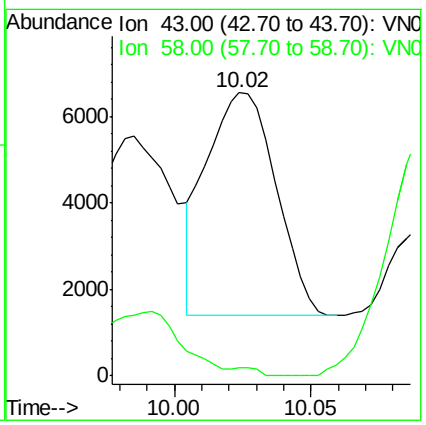


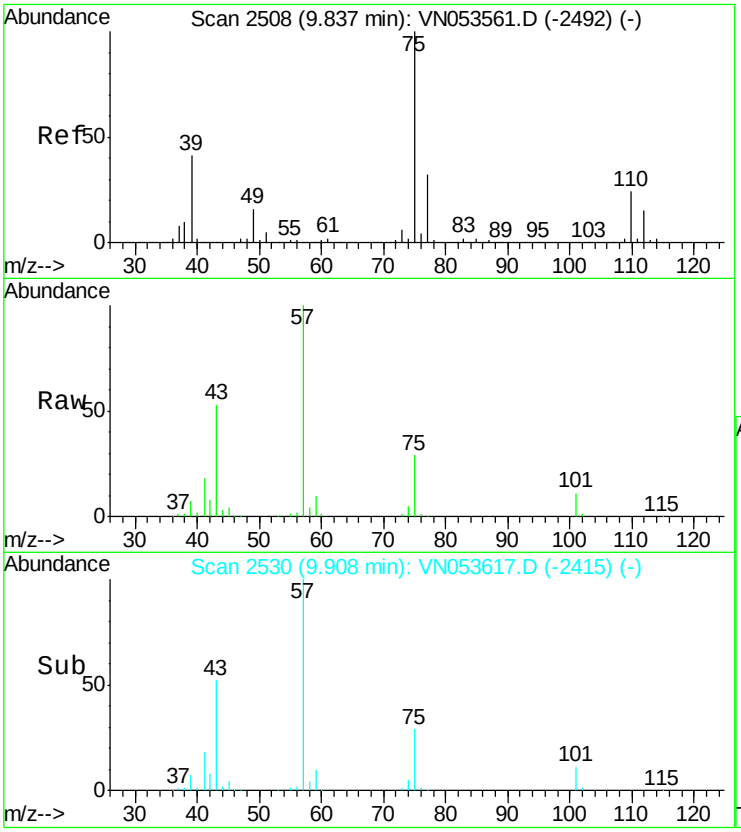


#51
4-Methyl-2-Pentanone
Concen: 1.445 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 43 Resp: 9158

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



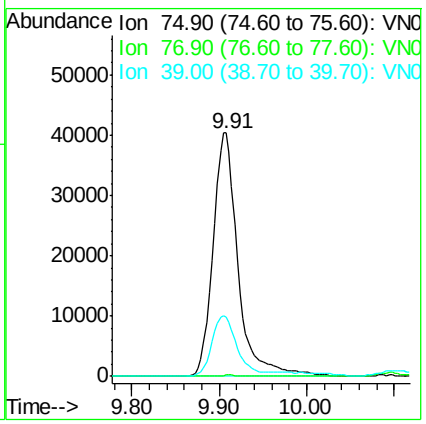


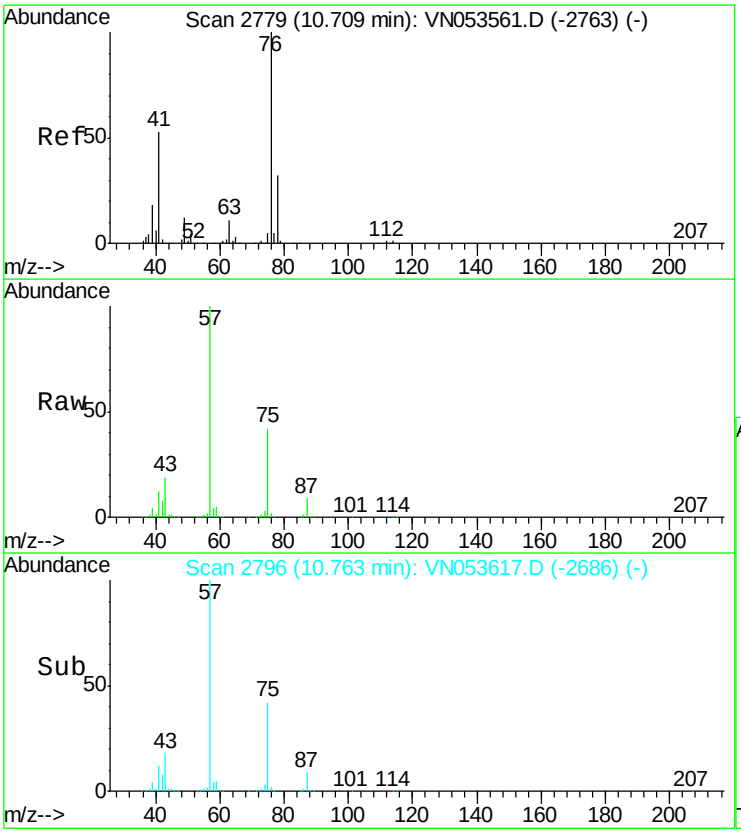
#54
cis-1,3-Dichloropropene
Concen: 5.694 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 75 Resp: 79864

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.6#
39	24.4	33.4	50.0#

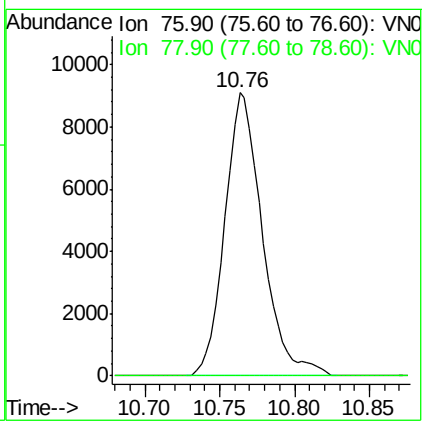


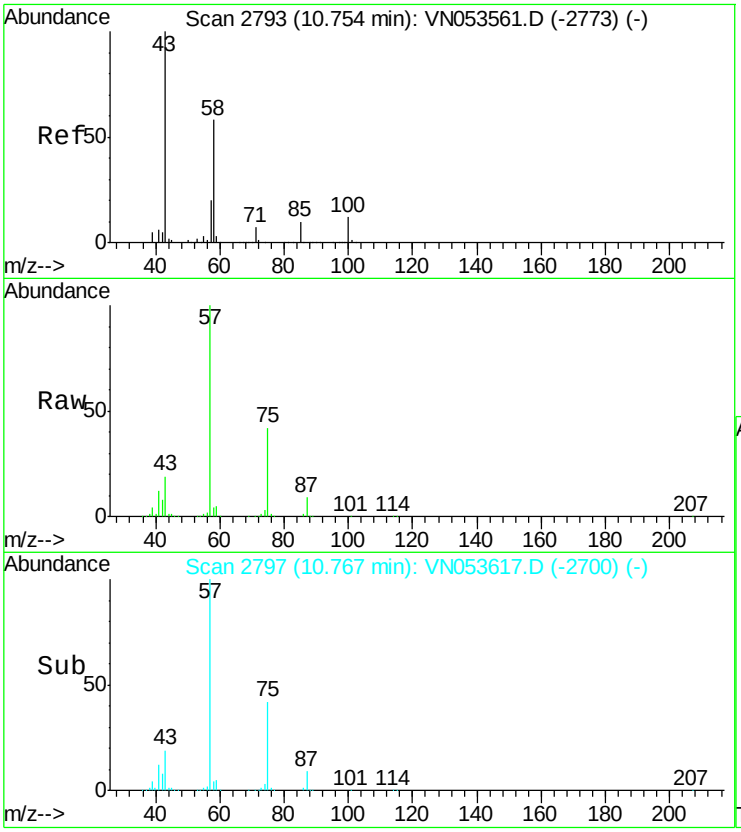


#57
1,3-Dichloropropane
Concen: 1.181 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 76 Resp: 15920

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



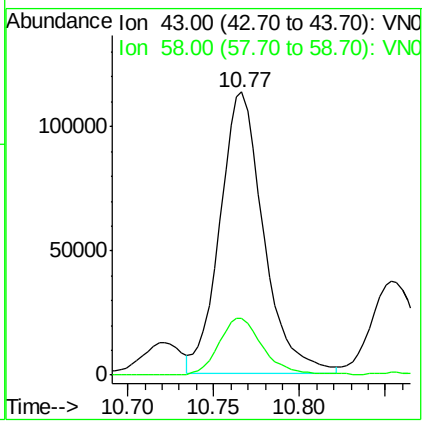


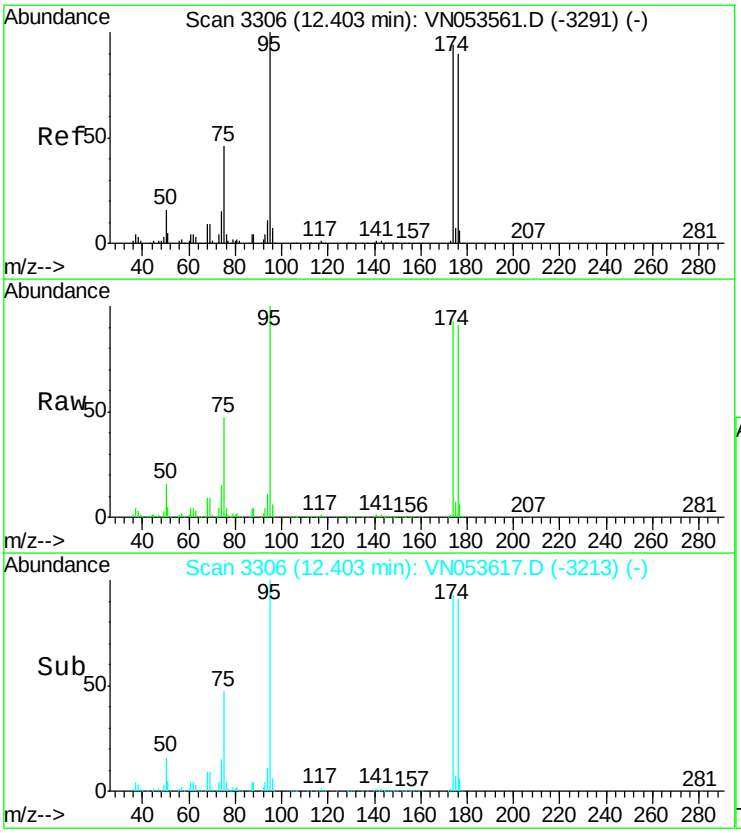
#59
2-Hexanone
Concen: 46.937 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion: 43 Resp: 201933

Ion	Ratio	Lower	Upper
43	100		
58	20.5	28.6	85.8#

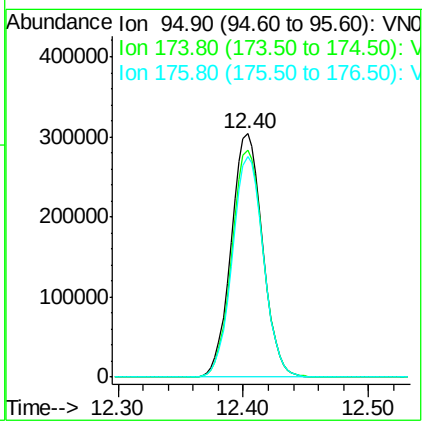


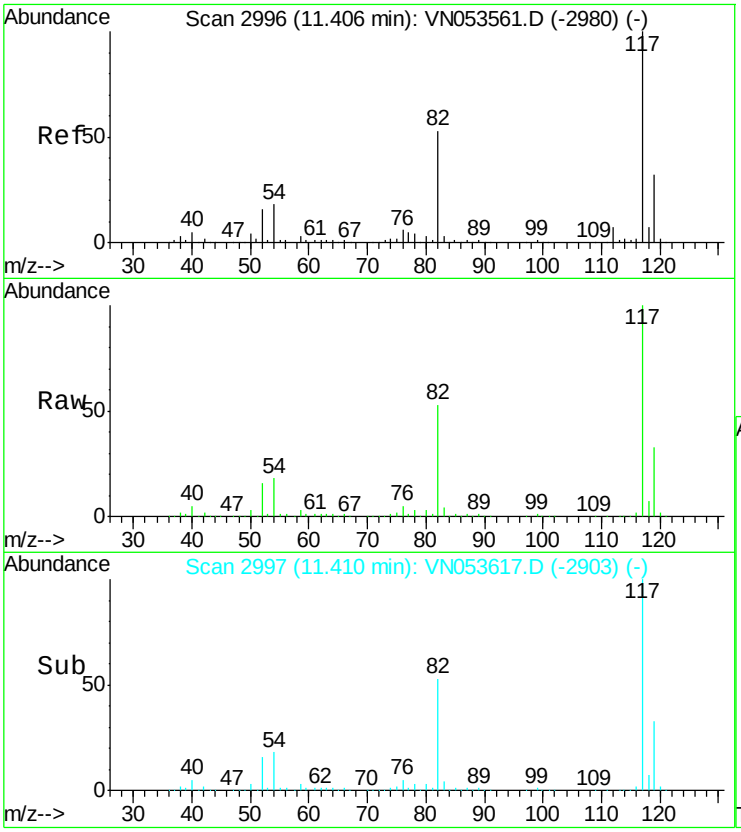


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 95 Resp: 529106

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	183.2
176	90.0	0.0	177.4



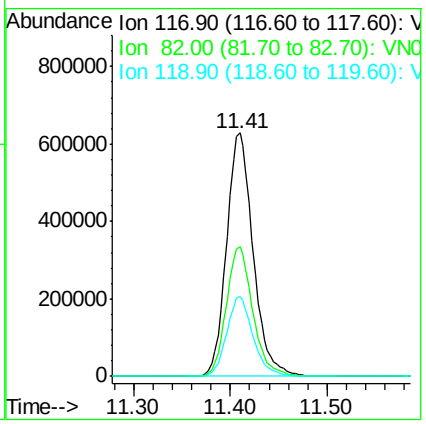


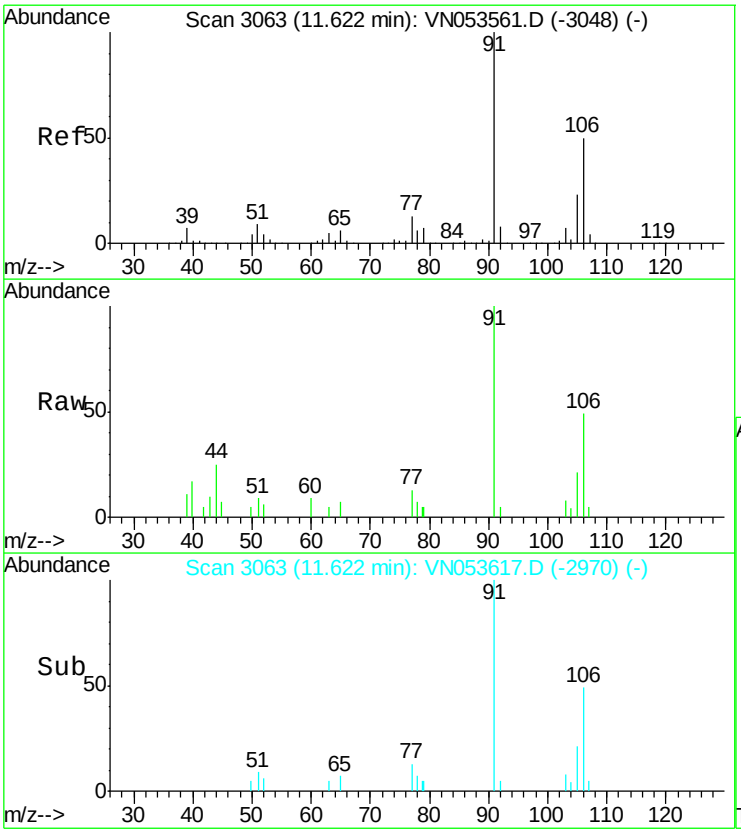
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument : MSVOA_N
ClientSampleId : EO-03-020419-B

Tgt Ion:117 Resp: 1196020

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.9	26.0	39.0

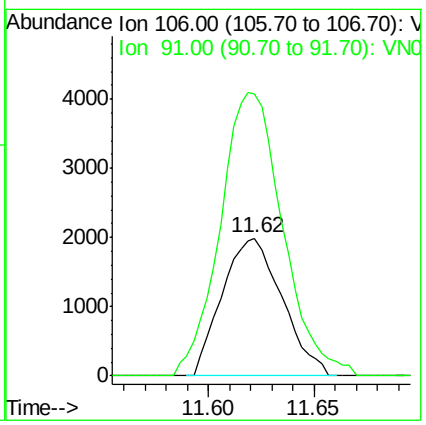


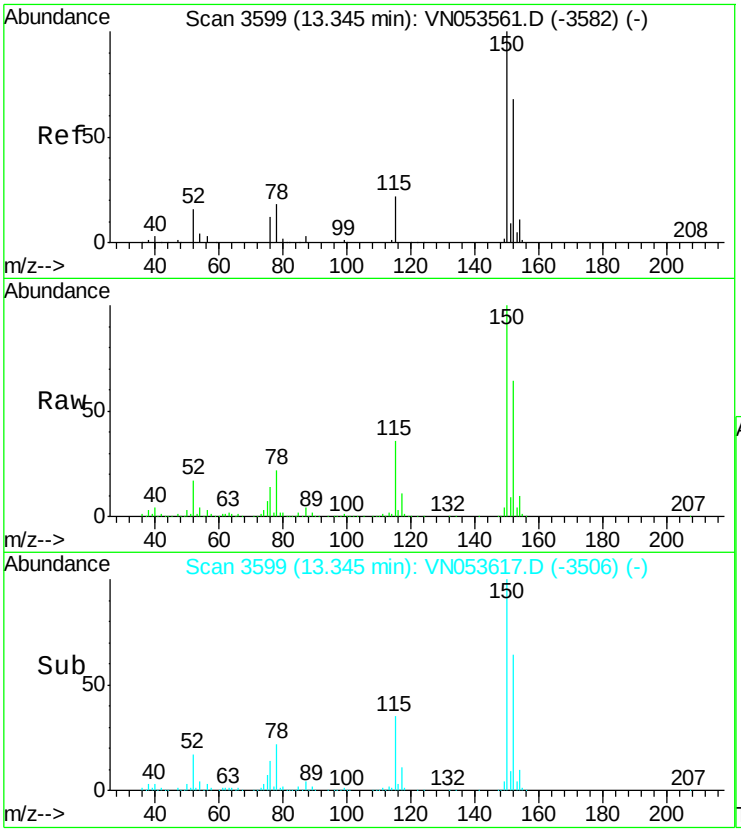


#68
m/p-Xylenes
Concen: 0.246 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion:106 Resp: 3921

Ion	Ratio	Lower	Upper
106	100		
91	215.1	161.4	242.2



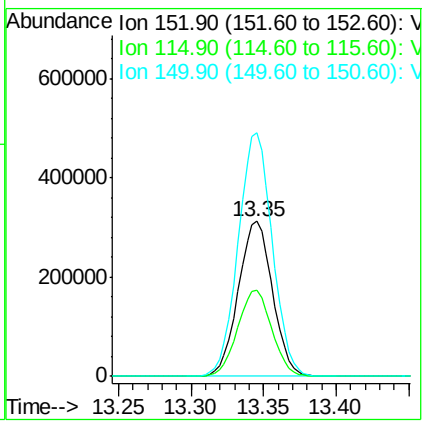


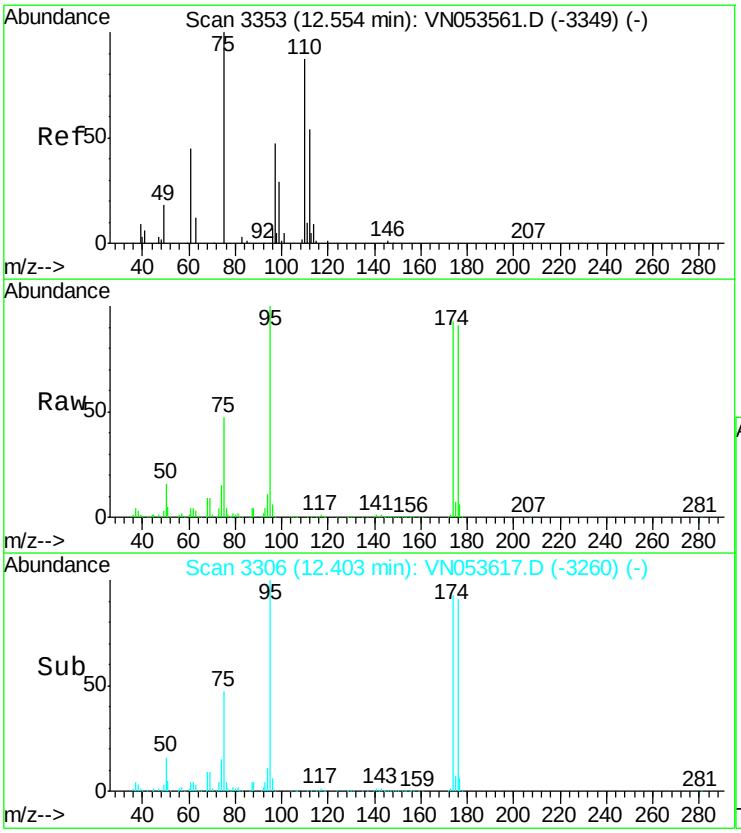
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:152 Resp: 511627

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	156.8	0.0	349.0

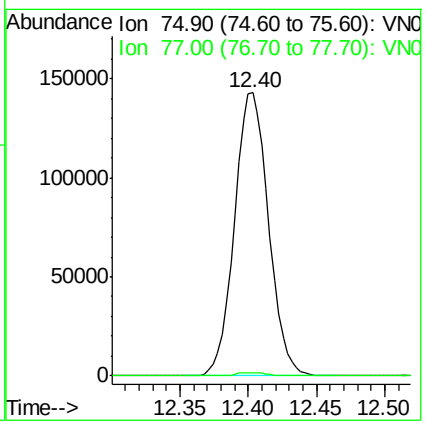


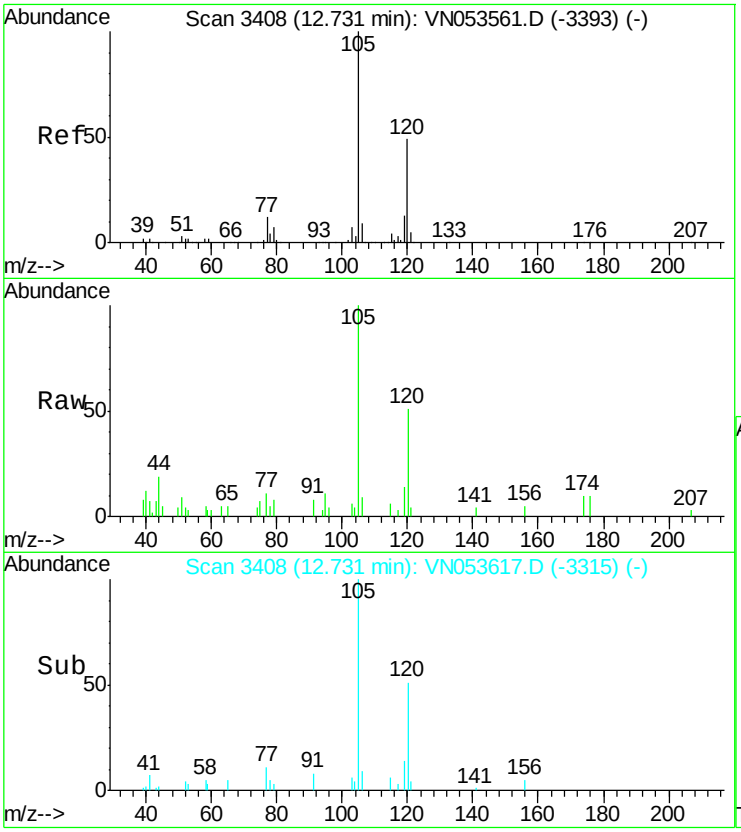


#76
1,2,3-Trichloropropane
Concen: 37.635 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 75 Resp: 247319

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



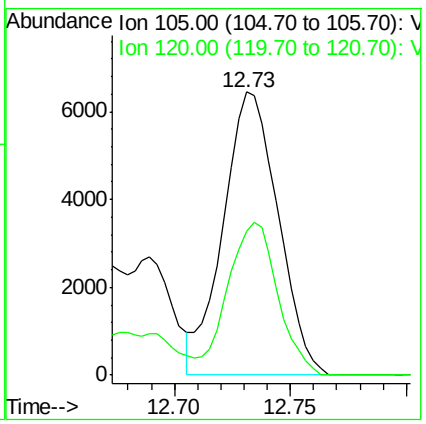


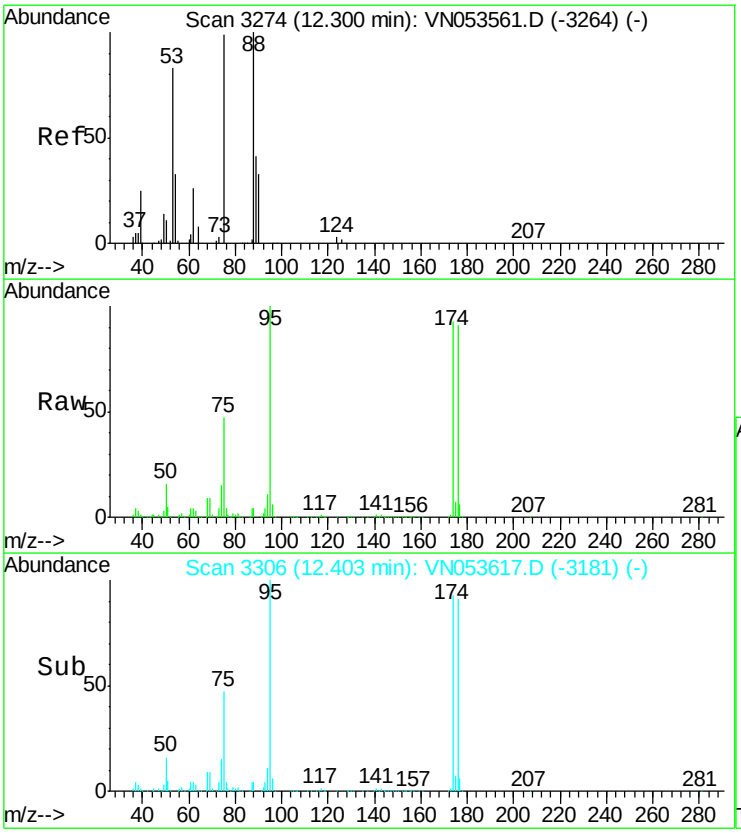
#80
1,3,5-Trimethylbenzene
Concen: 0.357 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:105 Resp: 10633

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.9	74.6

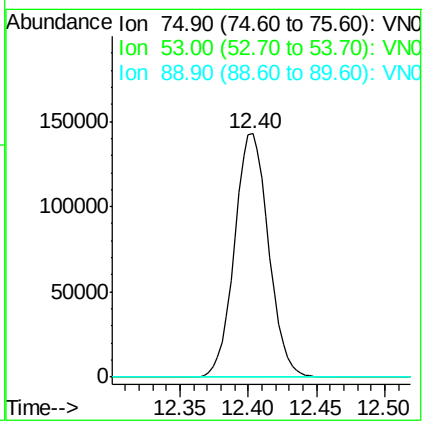


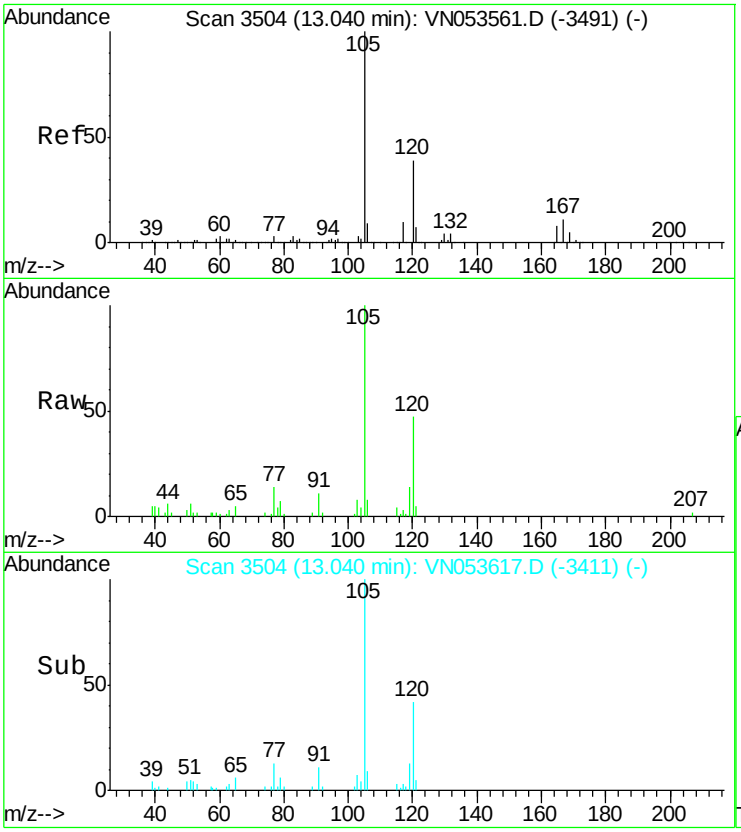


#81
trans-1,4-Dichloro-2-butene
Concen: 105.826 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion: 75 Resp: 247319

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#



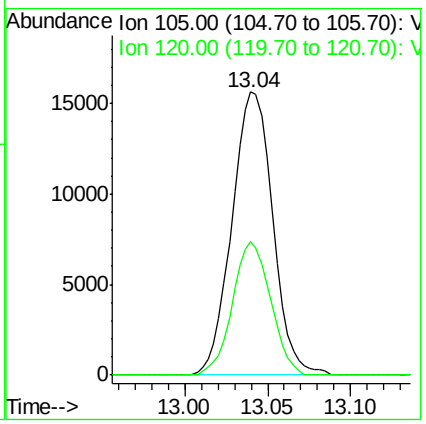


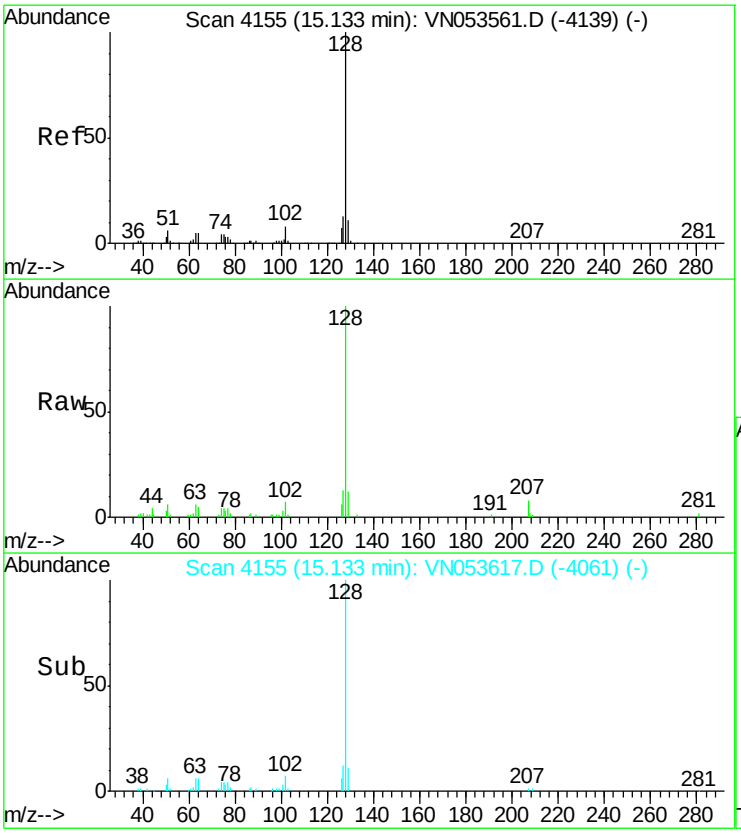
#84
1,2,4-Trimethylbenzene
Concen: 0.881 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Instrument :
MSVOA_N
ClientSampleId :
EO-03-020419-B

Tgt Ion:105 Resp: 26769

Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.0	69.0





#95
Naphthalene
Concen: 3.629 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053617.D
Acq: 5 Feb 2019 14:03

Tgt Ion:128 Resp: 44071

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.4	8.6	13.0