Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022819\
Data File : VN054008.D
Acq On : 28 Feb 2019 17:00
Operator : JC/SP
Sample : K1654-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 01 03:57:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	585506	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1129958	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1095890	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395079	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	401017	58.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.86%				
35) Dibromofluoromethane	7.59	113	366208	50.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.24%				
50) Toluene-d8	10.09	98	1429921	52.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.14%				
62) 4-Bromofluorobenzene	12.40	95	469780	51.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.68%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.79	59	650	1.494	ug/l	#	73
16) Acetone	3.82	43	23149	0.613	ug/l		97
18) Methyl Acetate	4.33	43	2873	0.599	ug/l	#	82
20) Methylene Chloride	4.55	84	84970	12.509	ug/l		92
25) 2-Butanone	6.84	43	6231	2.312	ug/l	#	89
29) Tetrahydrofuran	7.21	42	569	0.317	ug/l	#	59
31) Cyclohexane	7.66	56	10823	0.581	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	43868	4.175	ug/l	#	47
38) Carbon Tetrachloride	7.67	117	52958	4.846	ug/l	#	16
43) Isopropyl Acetate	8.17	43	40066	3.163	ug/l	#	85
45) 1,2-Dichloropropane	9.27	63	2126	0.244	ug/l	#	44
48) Methyl methacrylate	9.18	41	12777	2.193	ug/l	#	21
49) 1,4-Dioxane	9.26	88	31	0.393	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	9751	1.498	ug/l	#	34
52) Toluene	10.16	92	13715	0.722	ug/l		92
54) cis-1,3-Dichloropropene	9.90	75	70296	5.751	ug/l	#	68
56) Ethyl methacrylate	10.55	69	1632	2.123	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	13281	1.107	ug/l	#	43
59) 2-Hexanone	10.76	43	191575	45.247	ug/l	#	48
68) m/p-Xylenes	11.62	106	6842	0.468	ug/l		89
69) o-Xylene	11.95	106	3054	0.212	ug/l		99
71) Bromoform	12.40	173	3739	0.645	ug/l	#	1
74) N-amyl acetate	11.88	43	18413	2.284	ug/l	#	50
76) 1,2,3-Trichloropropane	12.40	75	228146	35.998	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	5246	0.208	ug/l		94
81) trans-1,4-Dichloro-2-buten	12.40	75	228146	113.776	ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.04	105	7546	0.300	ug/l		90
95) Naphthalene	15.13	128	5007	3.511	ug/l	#	91

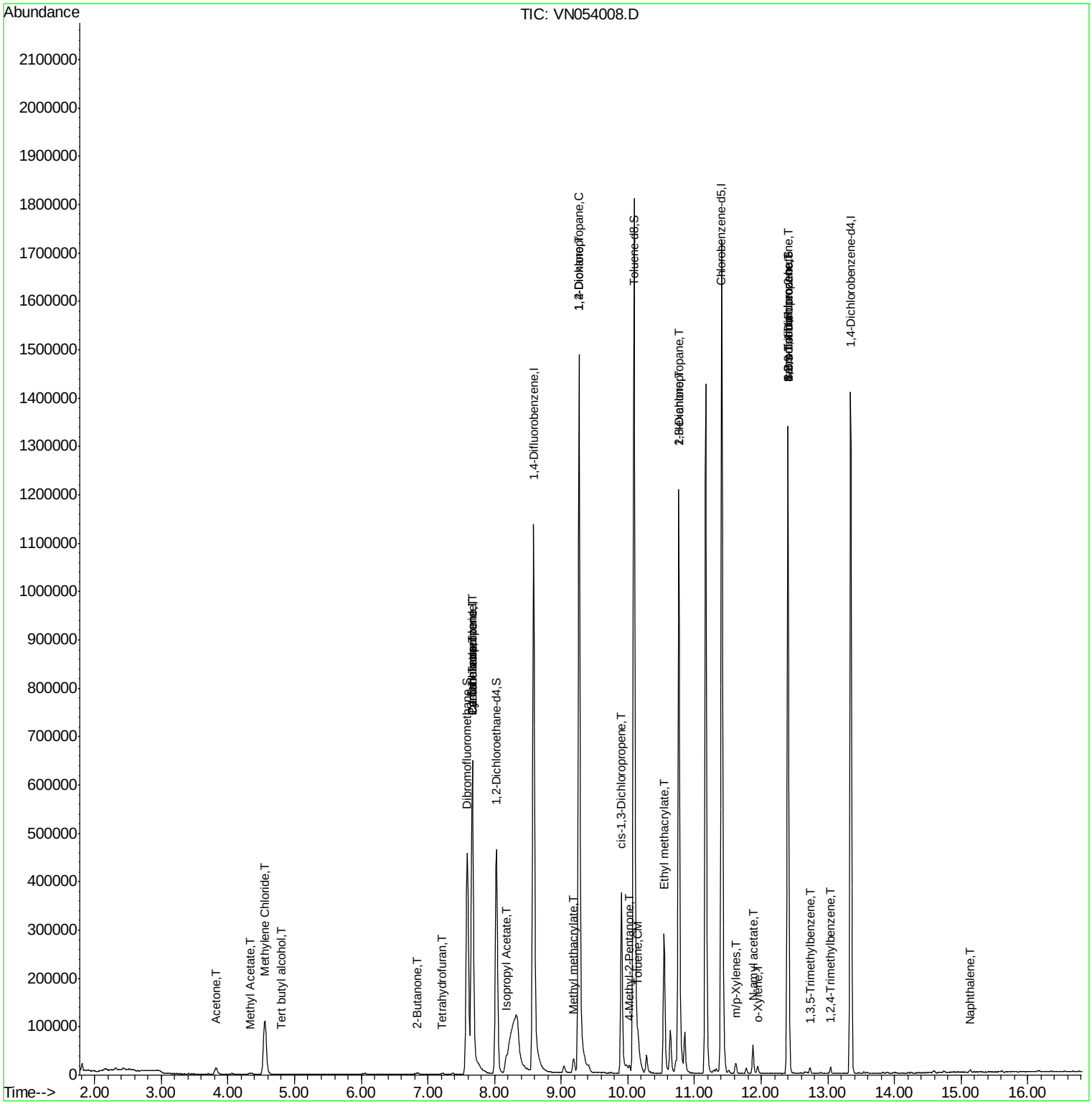
(#) = qualifier out of range (m) = manual integration (+) = signals summed

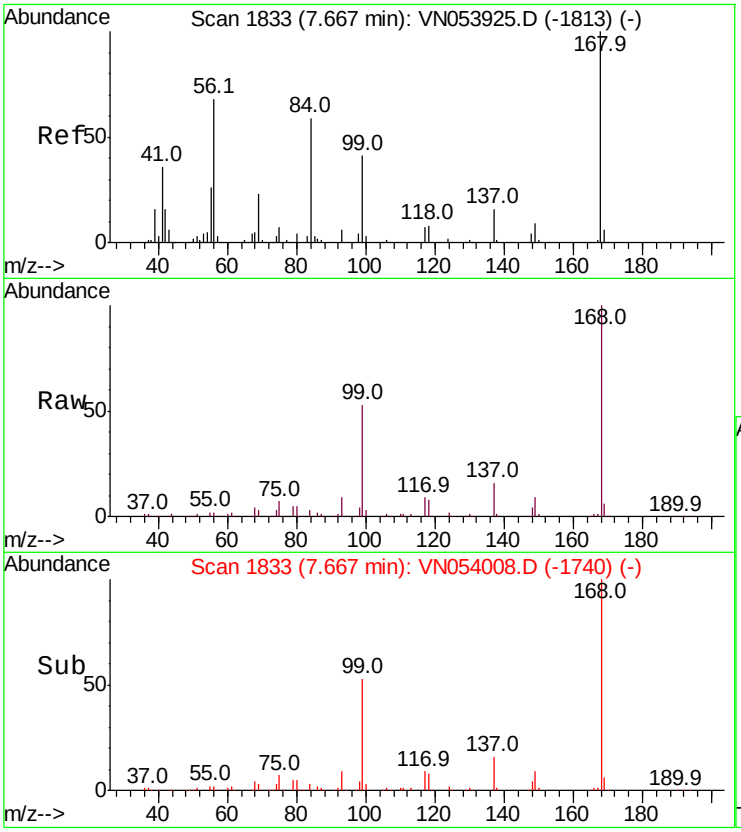
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022819\
Data File : VN054008.D
Acq On : 28 Feb 2019 17:00
Operator : JC/SP
Sample : K1654-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 01 03:57:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration



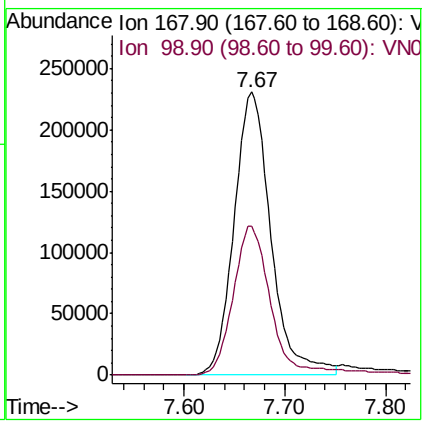


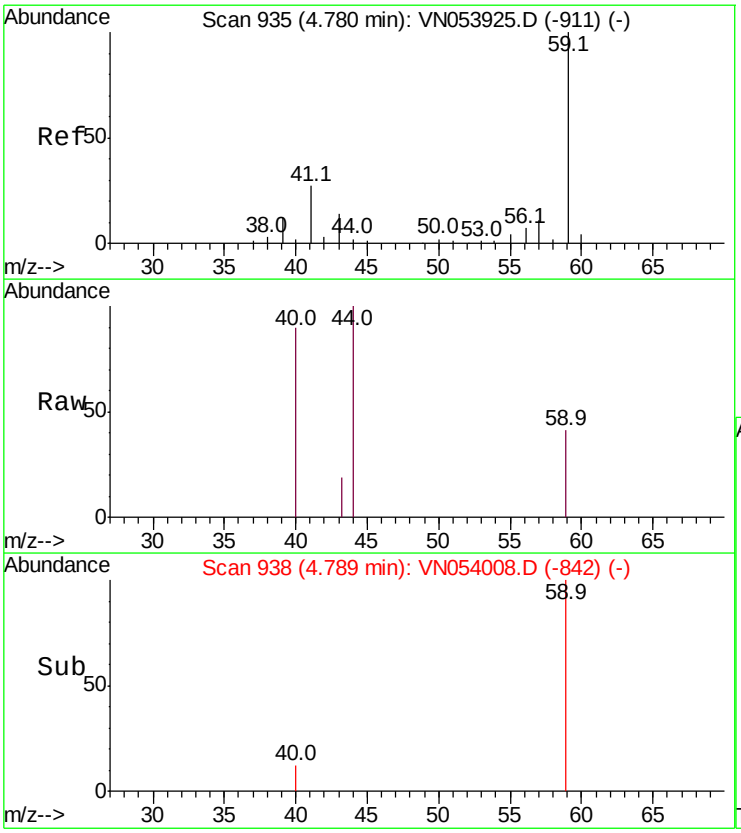
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 585506

Ion	Ratio	Lower	Upper
168	100		
99	52.8	36.9	55.3

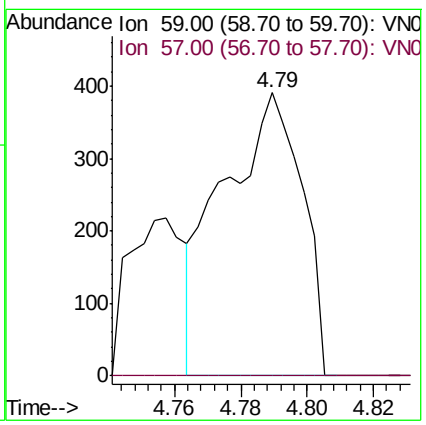


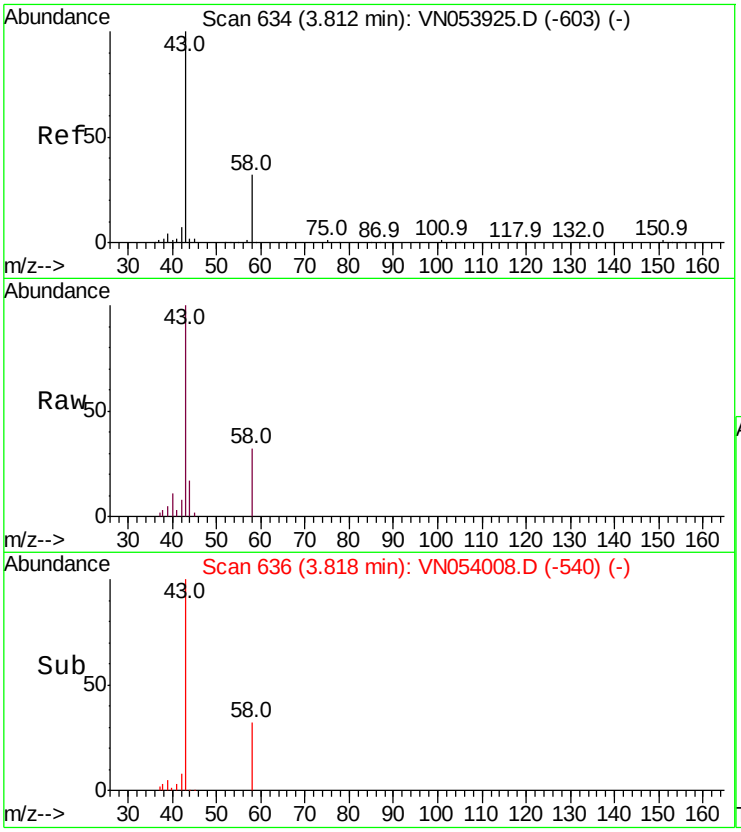


#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 59 Resp: 650

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



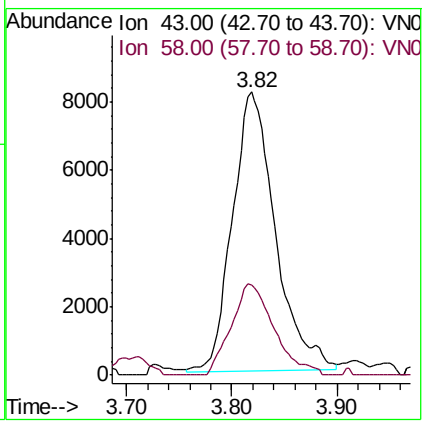


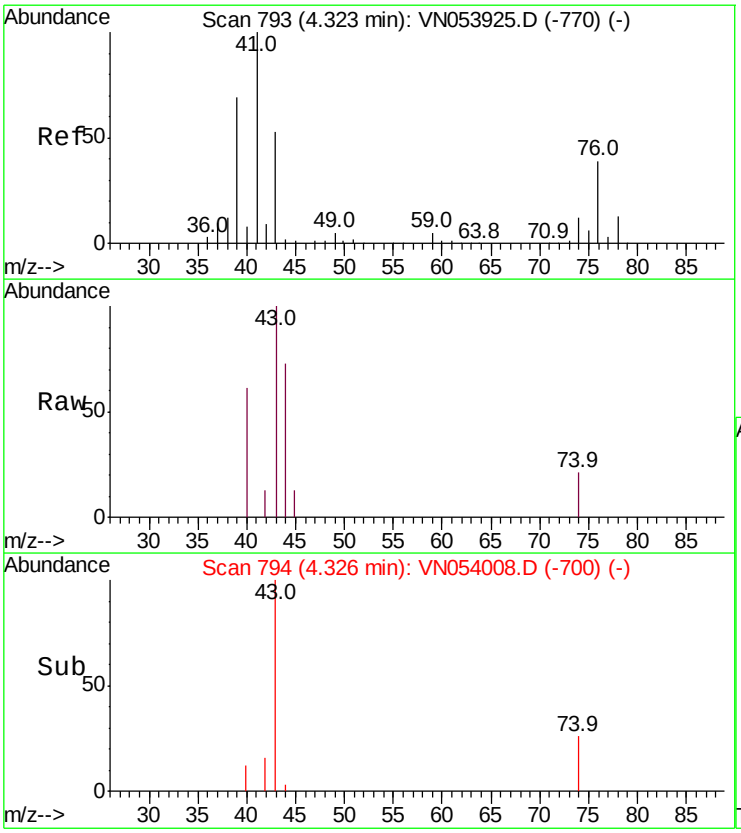
#16
Acetone
Concen: 0.613 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 23149

Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.6	41.4

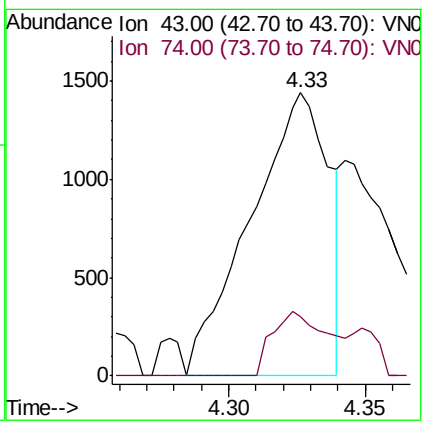


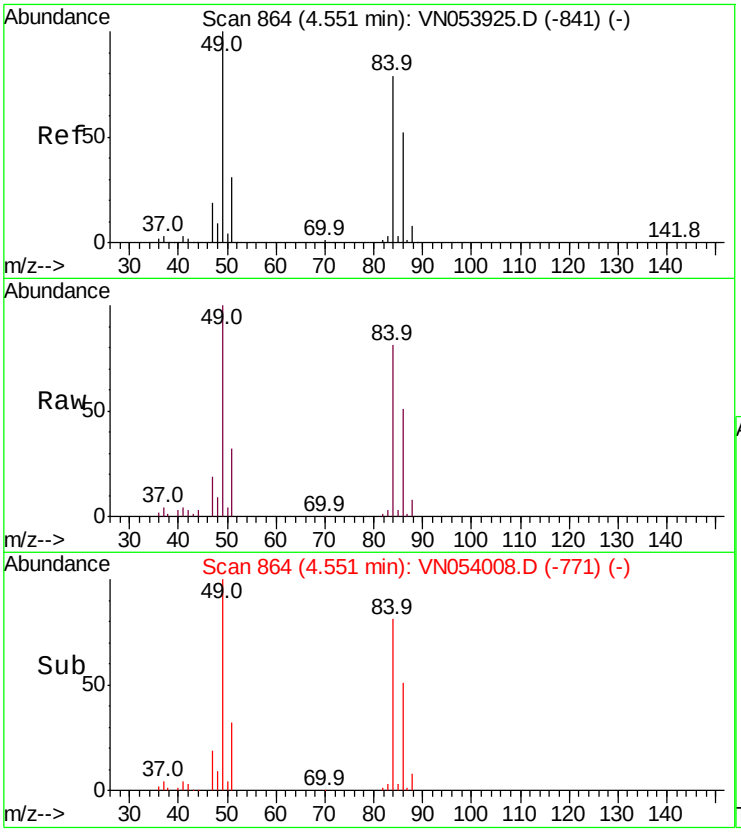


#18
Methyl Acetate
Concen: 0.599 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 43 Resp: 2873

Ion	Ratio	Lower	Upper
43	100		
74	16.3	20.5	30.7#



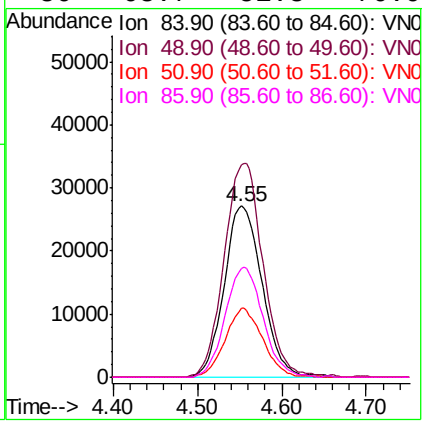


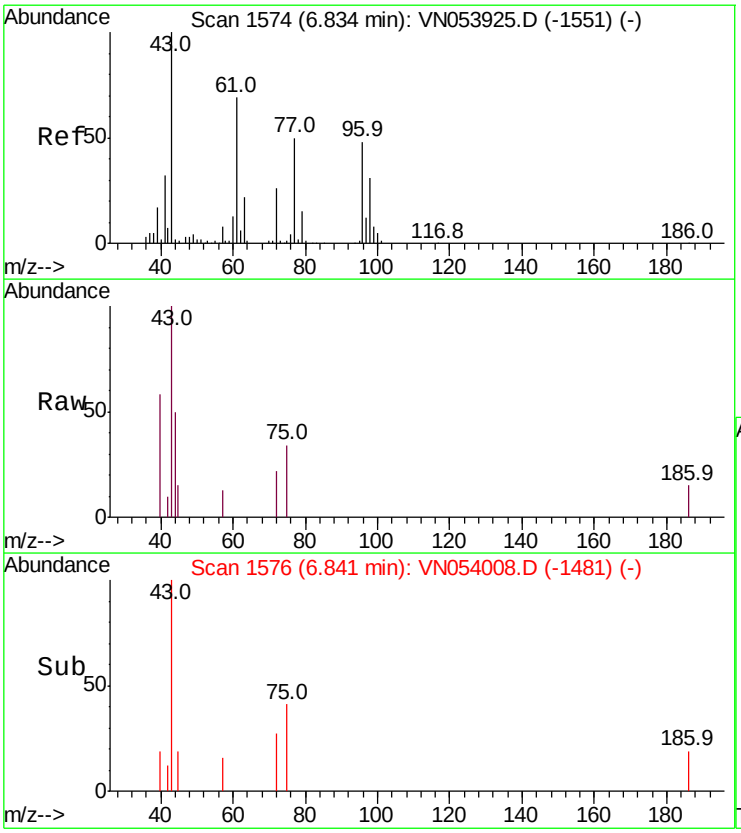
#20
Methylene Chloride
Concen: 12.509 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 84970

Ion	Ratio	Lower	Upper
84	100		
49	123.8	89.7	134.5
51	40.1	27.8	41.8
86	63.7	51.3	76.9

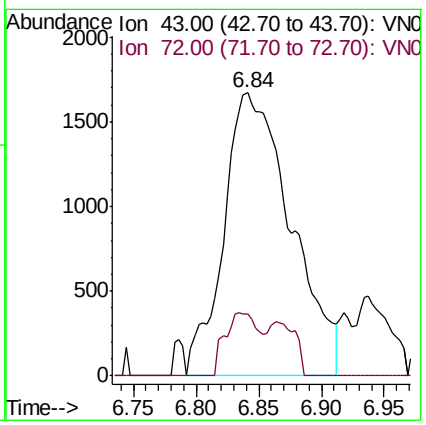


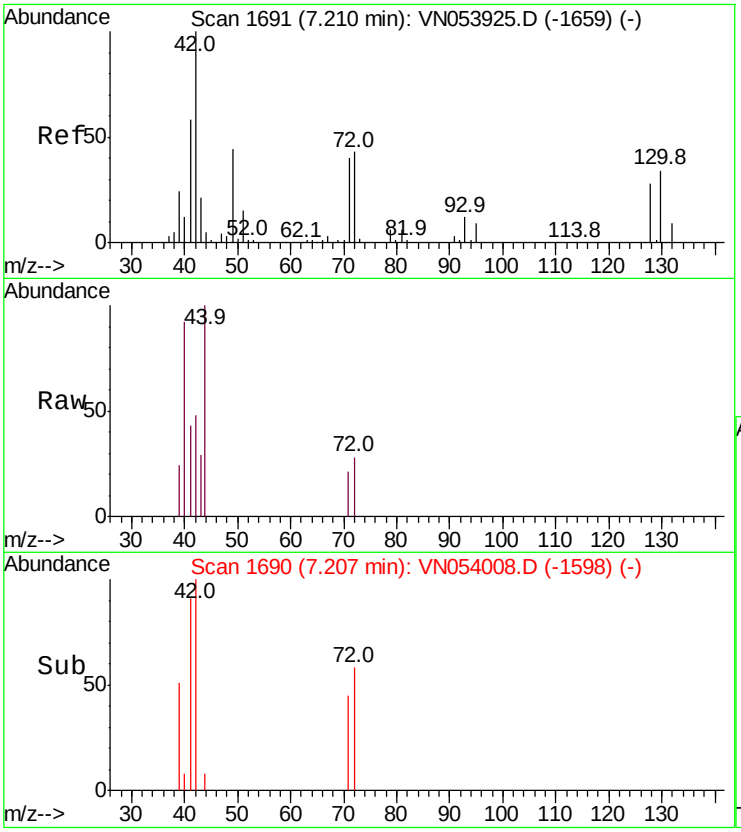


#25
2-Butanone
Concen: 2.312 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 43 Resp: 6231

Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.1	33.1#



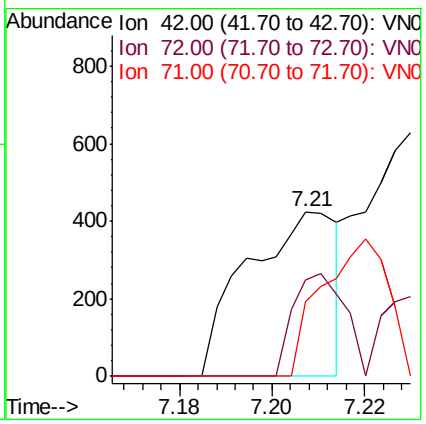


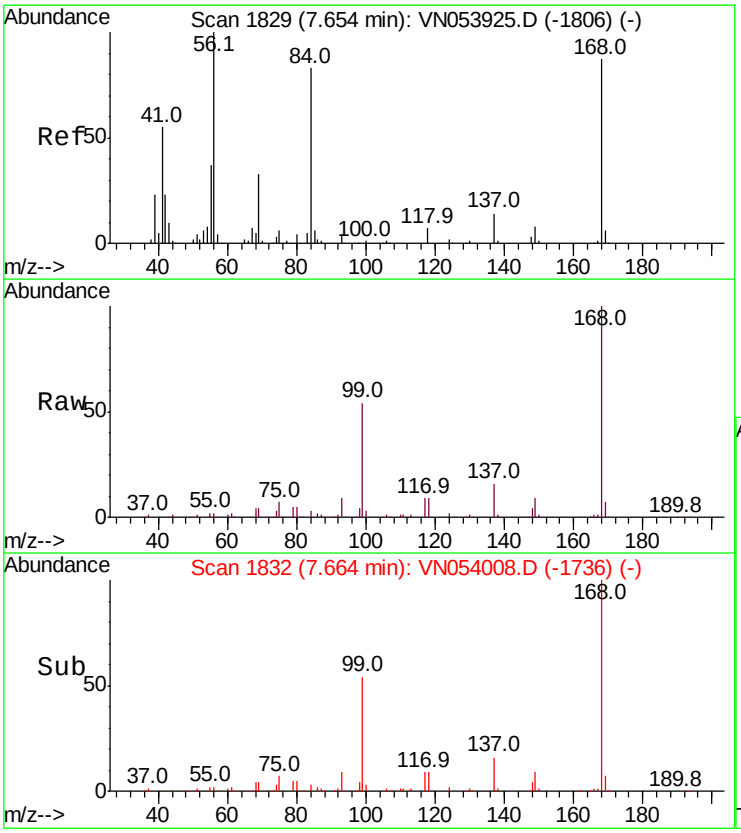
#29
Tetrahydrofuran
Concen: 0.317 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 569

Ion	Ratio	Lower	Upper
42	100		
72	36.0	36.9	55.3#
71	0.0	34.6	52.0#

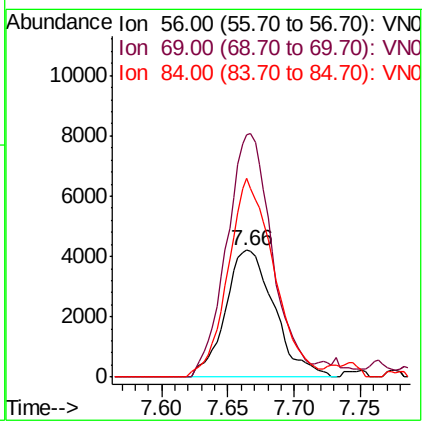


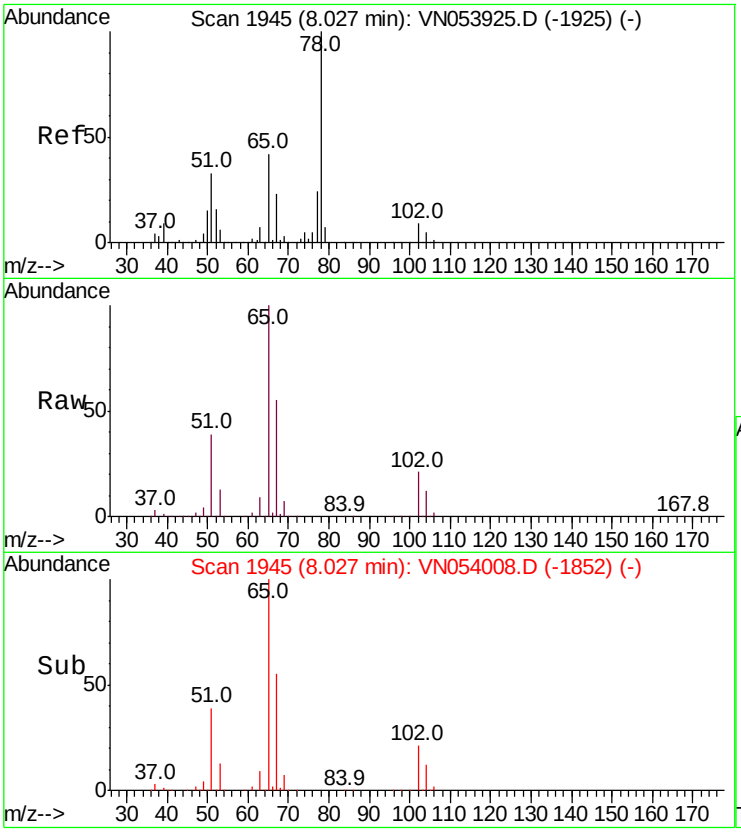


#31
Cyclohexane
Concen: 0.581 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 56 Resp: 10823

Ion	Ratio	Lower	Upper
56	100		
69	190.8	26.0	39.0#
84	157.2	69.1	103.7#



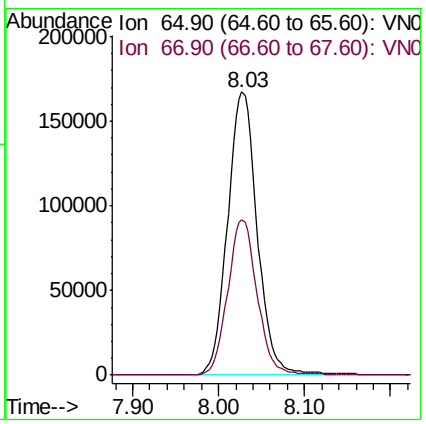


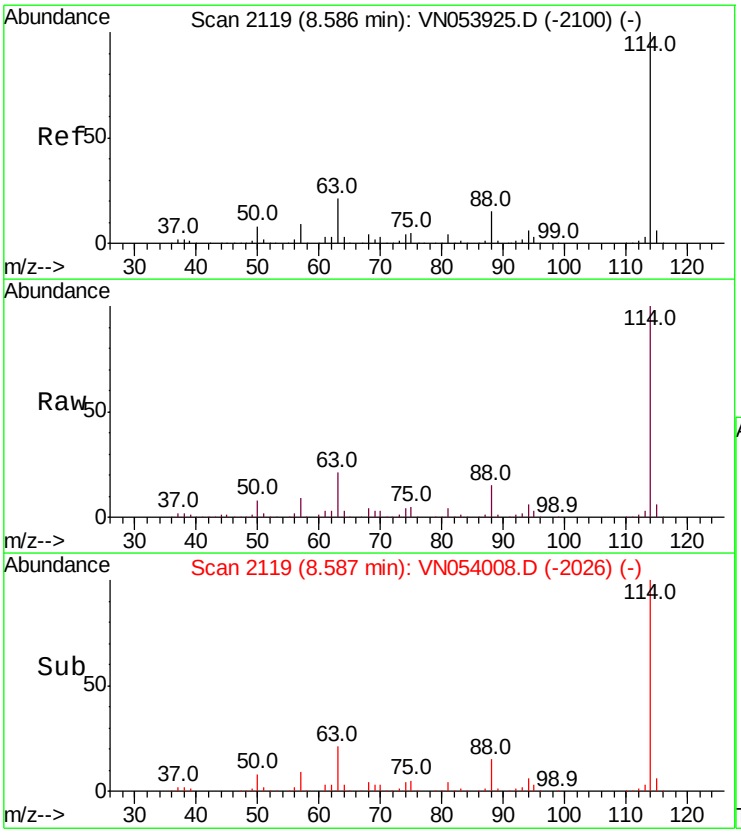
#33
1,2-Dichloroethane-d4
Concen: 58.428 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 401017

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	111.8

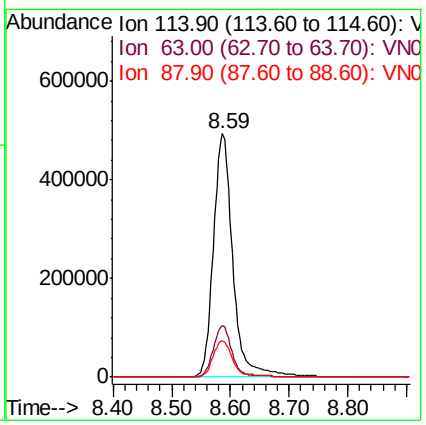


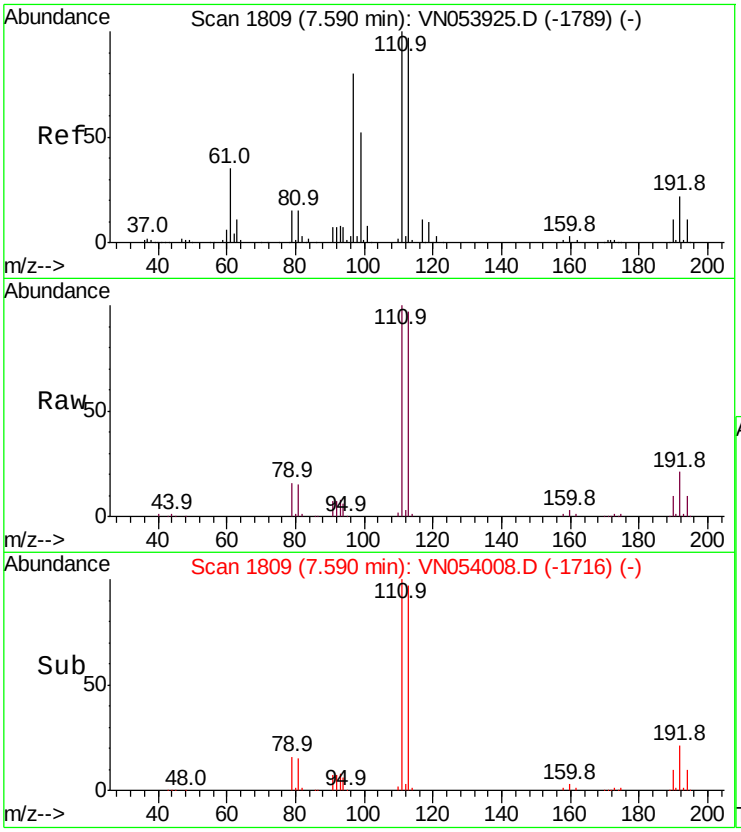


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:114 Resp: 1129958

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	15.0	0.0	30.4



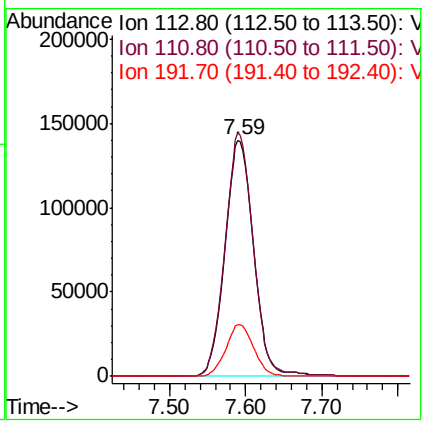


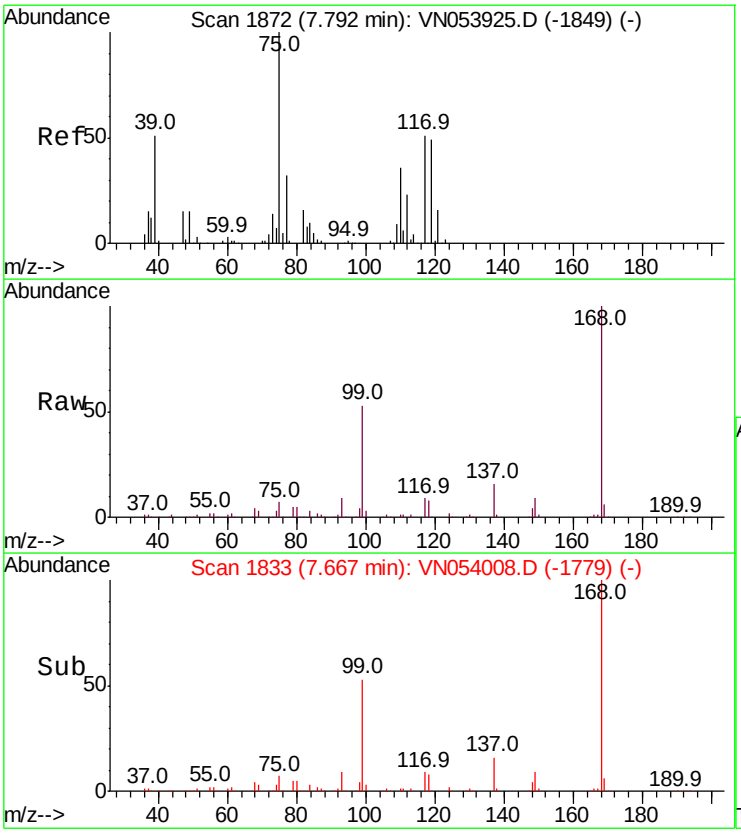
#35
Dibromofluoromethane
Concen: 50.118 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 366208

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	21.3	18.8	28.2

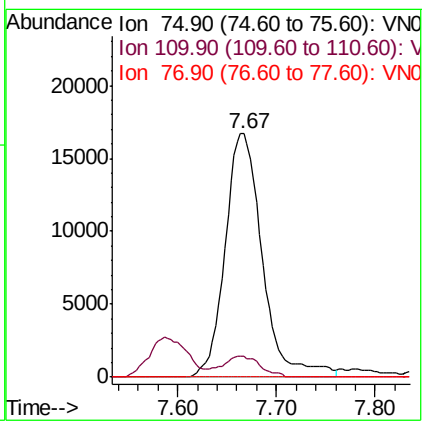


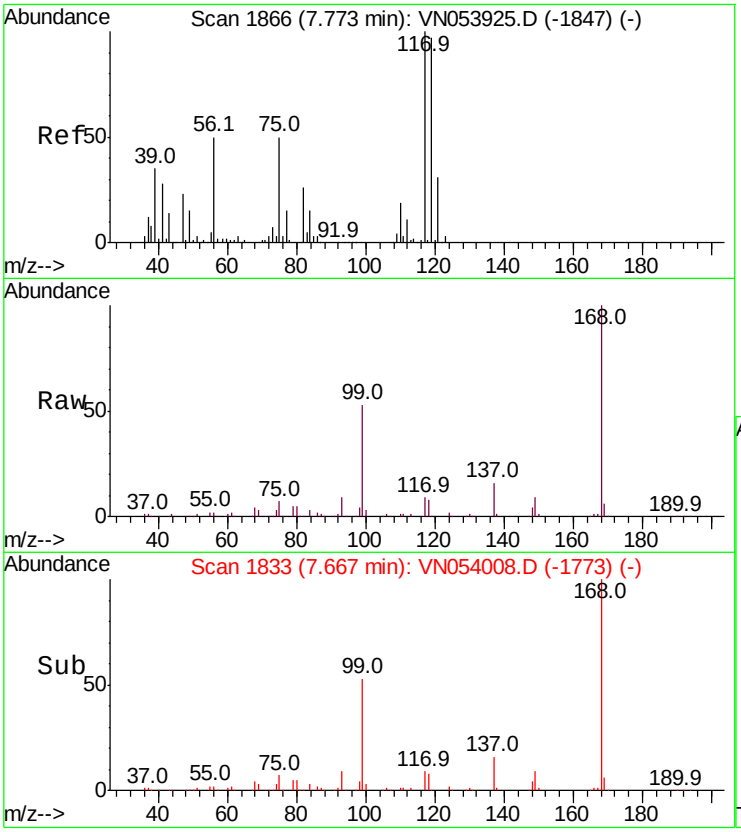


#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 75 Resp: 43868

Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.0	57.0#
77	0.0	25.4	38.0#



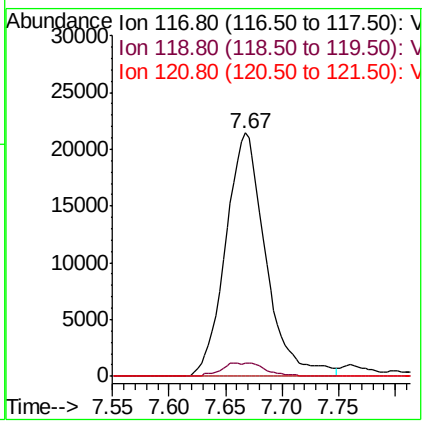


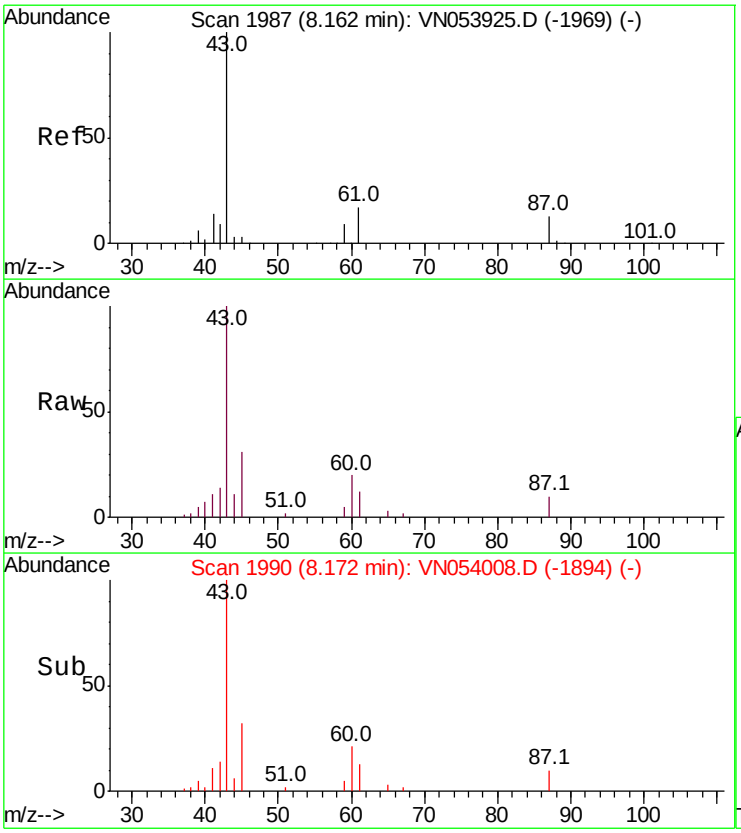
#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 52958

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.6	36.8#

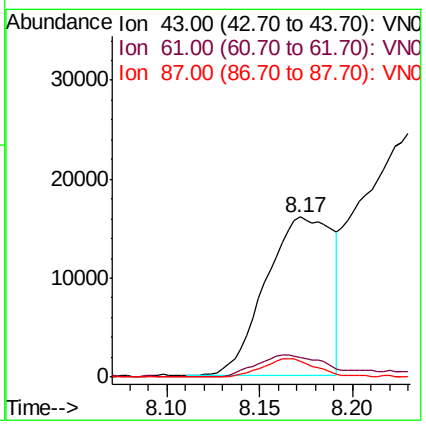


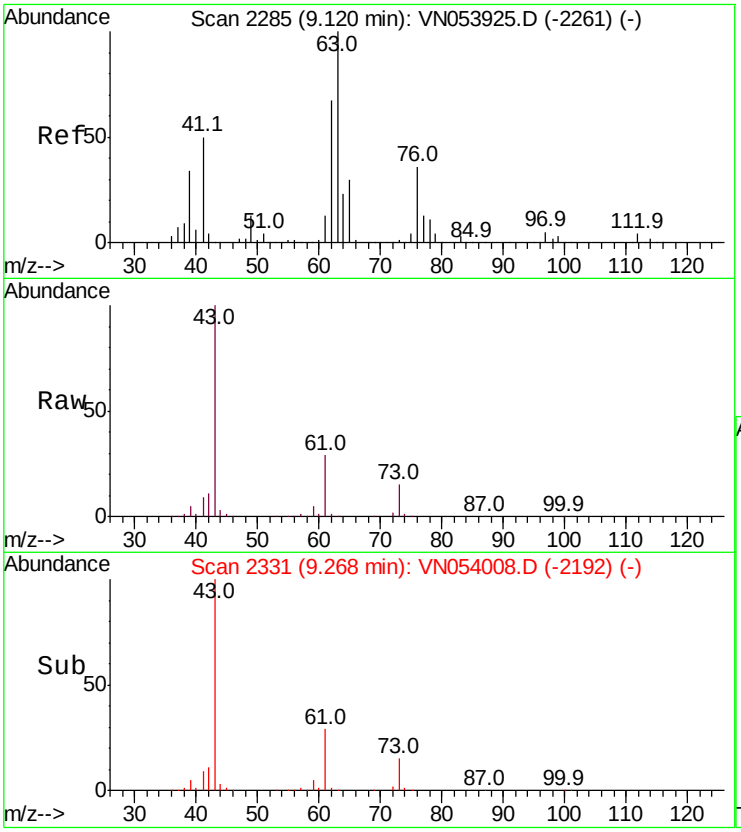


#43
Isopropyl Acetate
Concen: 3.163 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 43 Resp: 40066

Ion	Ratio	Lower	Upper
43	100		
61	14.0	17.4	26.0#
87	9.4	11.5	17.3#



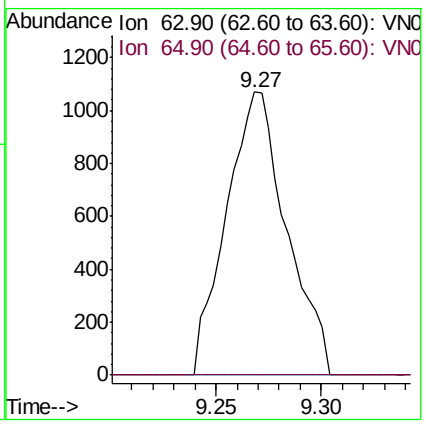


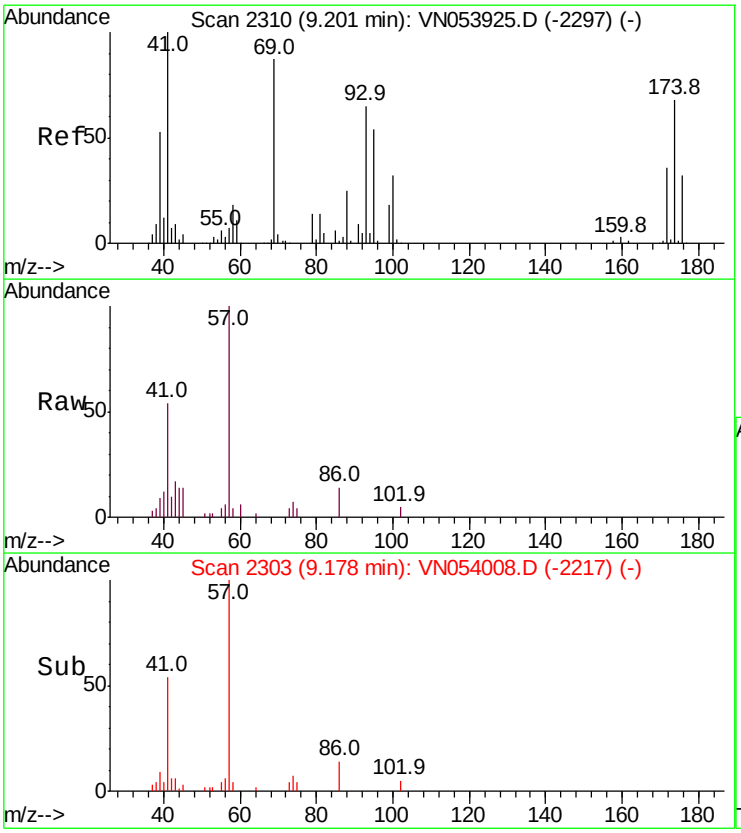
#45
1,2-Dichloropropane
Concen: 0.244 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 2126

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#

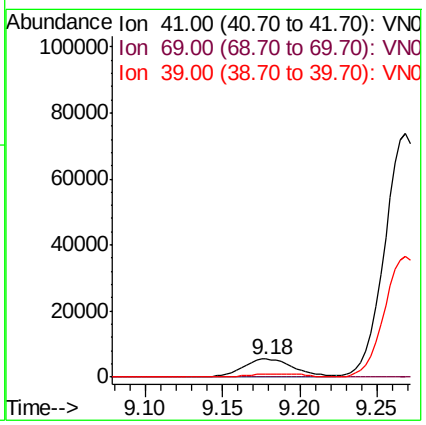


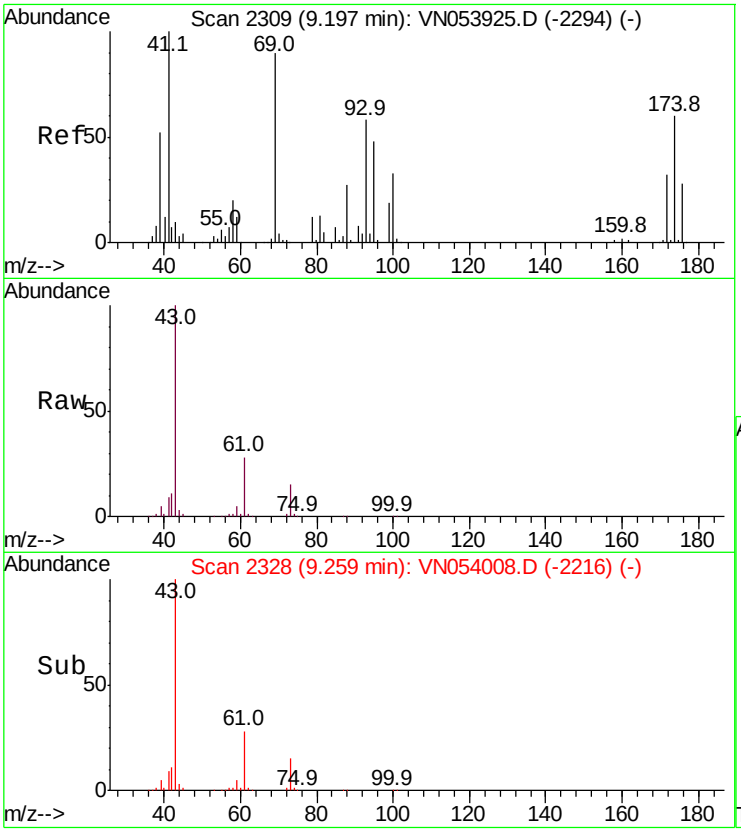


#48
Methyl methacrylate
Concen: 2.193 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 41 Resp: 12777

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.8	112.2#
39	18.8	39.0	58.6#



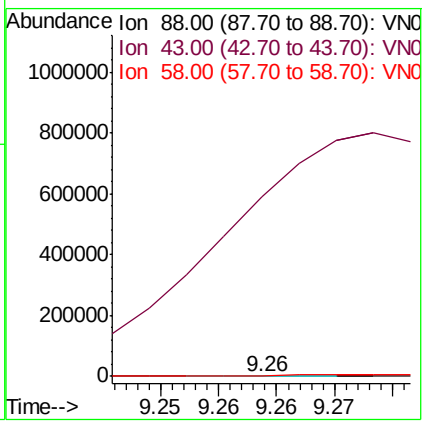


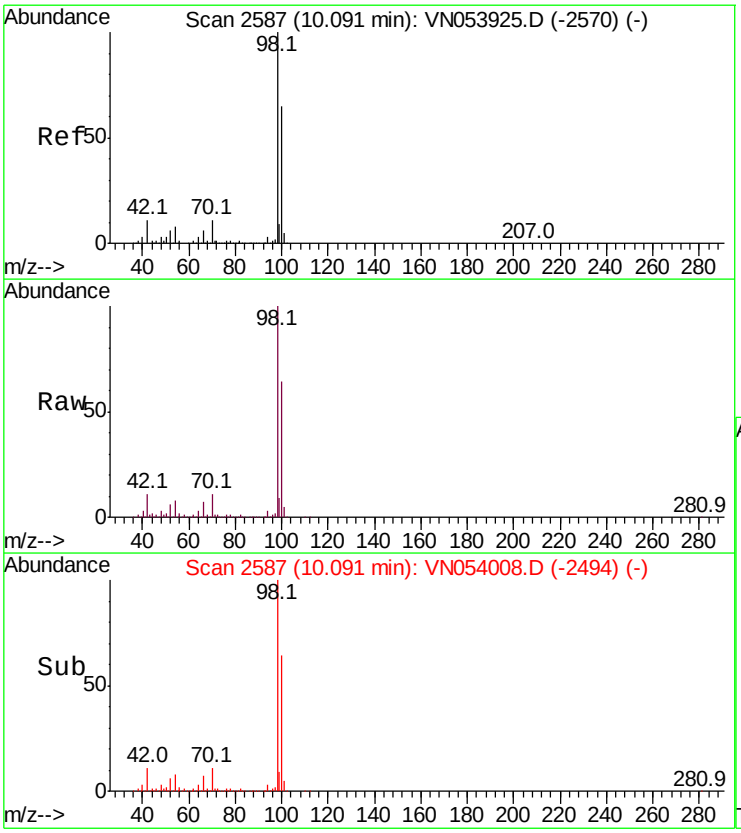
#49
1,4-Dioxane
Concen: 0.393 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	5308487.1	21.2	31.8#
58	25071.0	54.2	81.2#

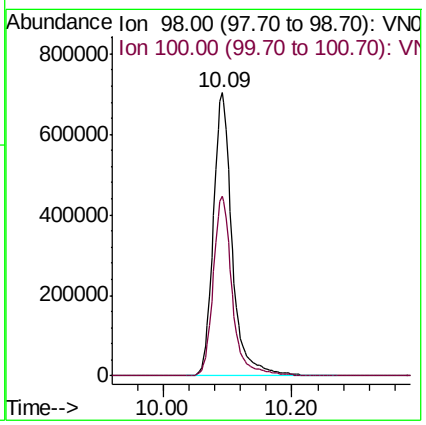


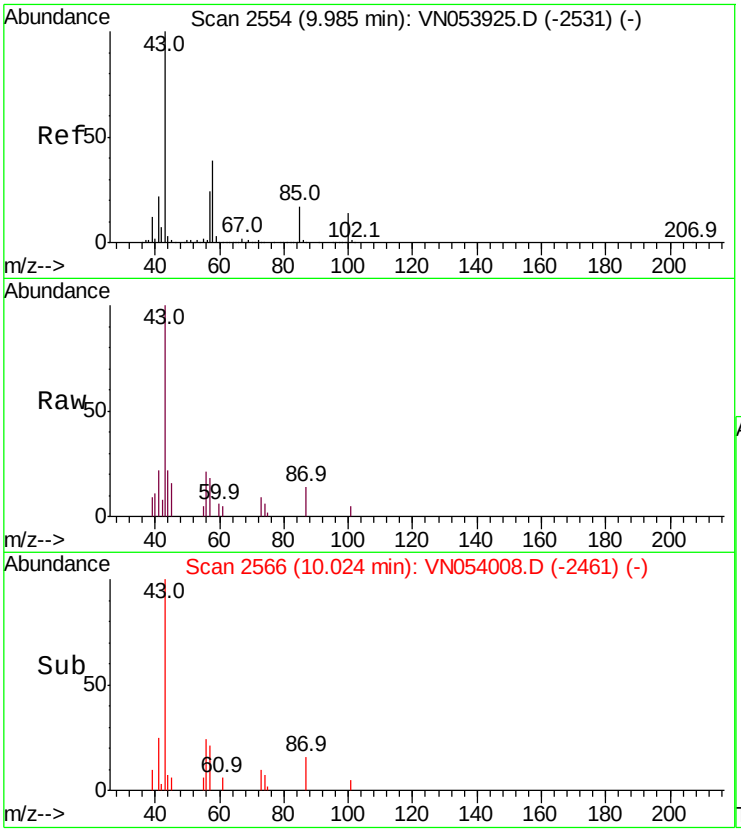


#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 98 Resp: 1429921

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9



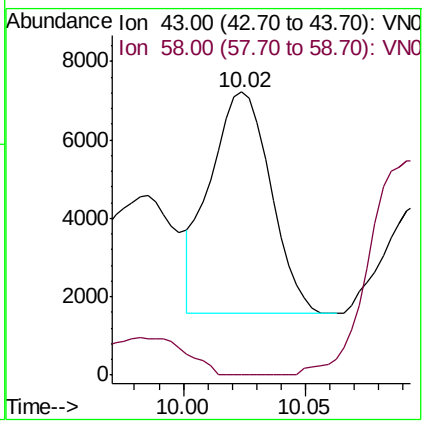


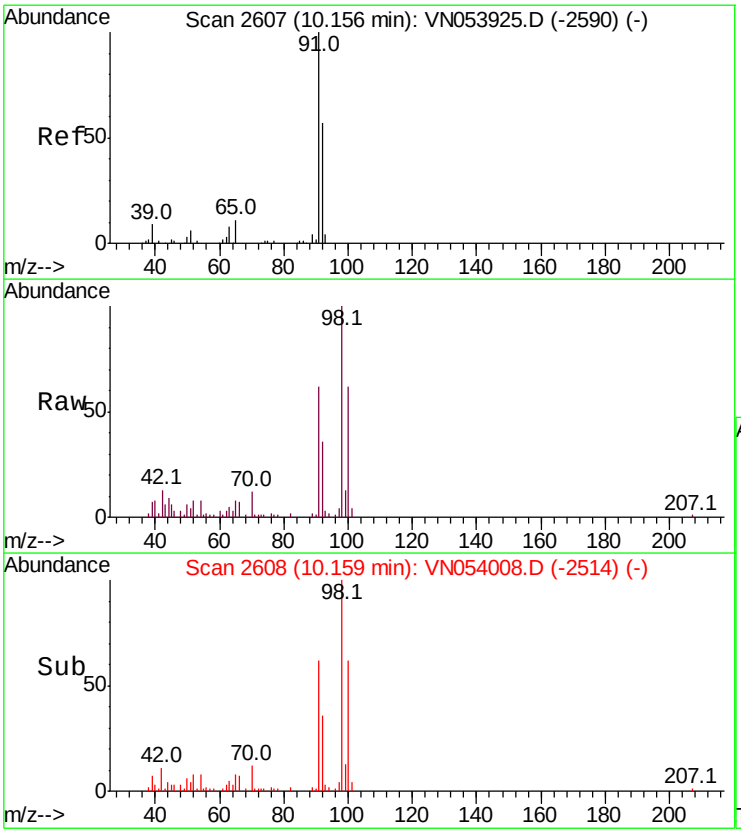
#51
4-Methyl-2-Pentanone
Concen: 1.498 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9751

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.7	49.1#

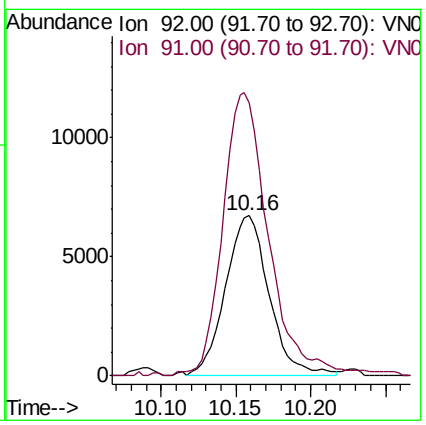


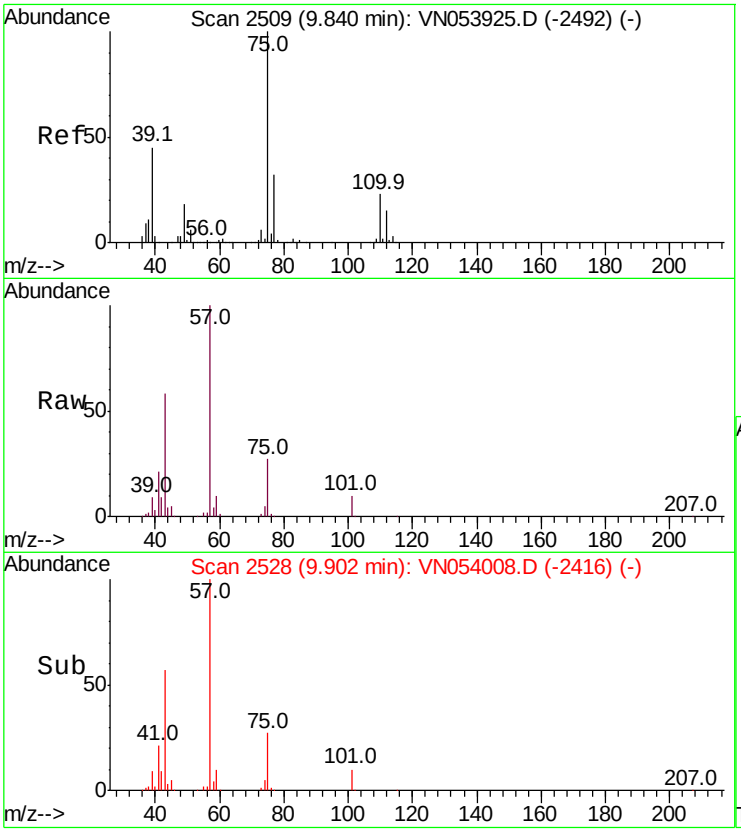


#52
Toluene
Concen: 0.722 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 92 Resp: 13715

Ion	Ratio	Lower	Upper
92	100		
91	183.8	138.4	207.6



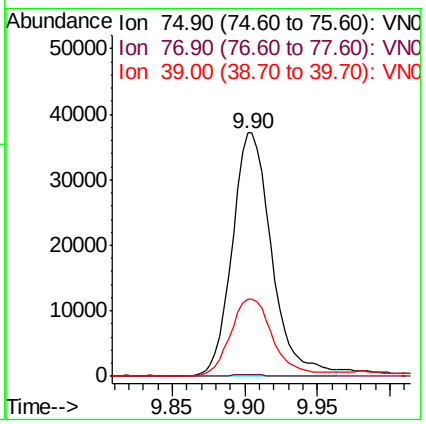


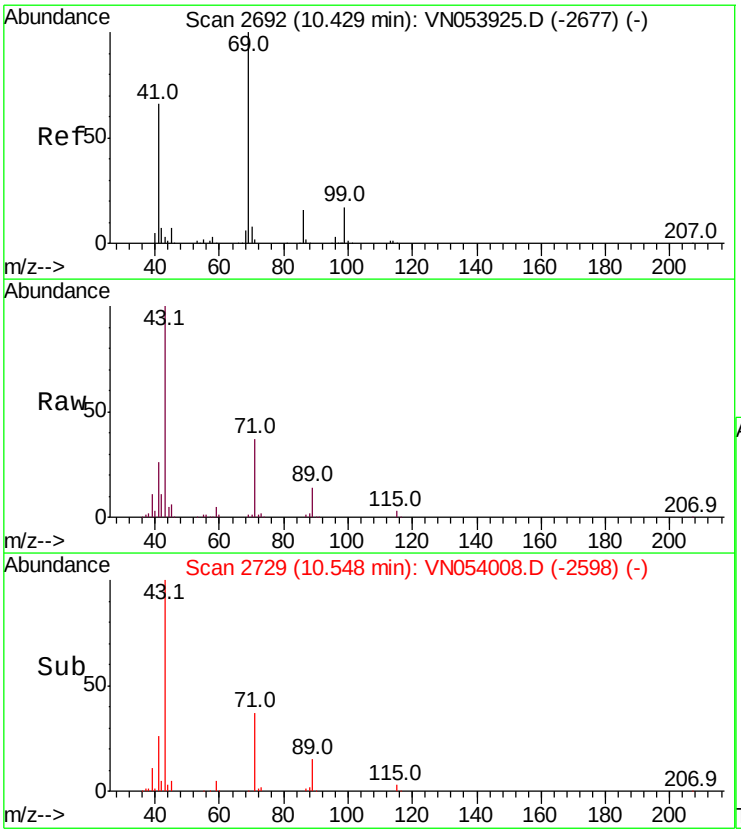
#54
cis-1,3-Dichloropropene
Concen: 5.751 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 70296

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	31.7	31.4	47.0

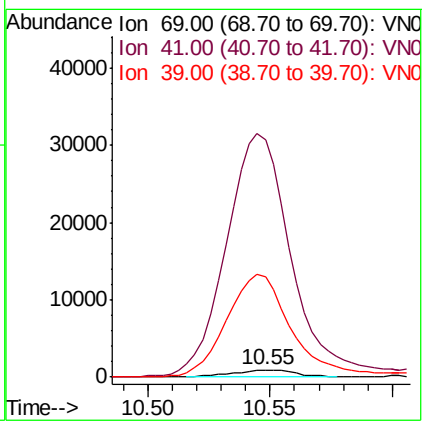


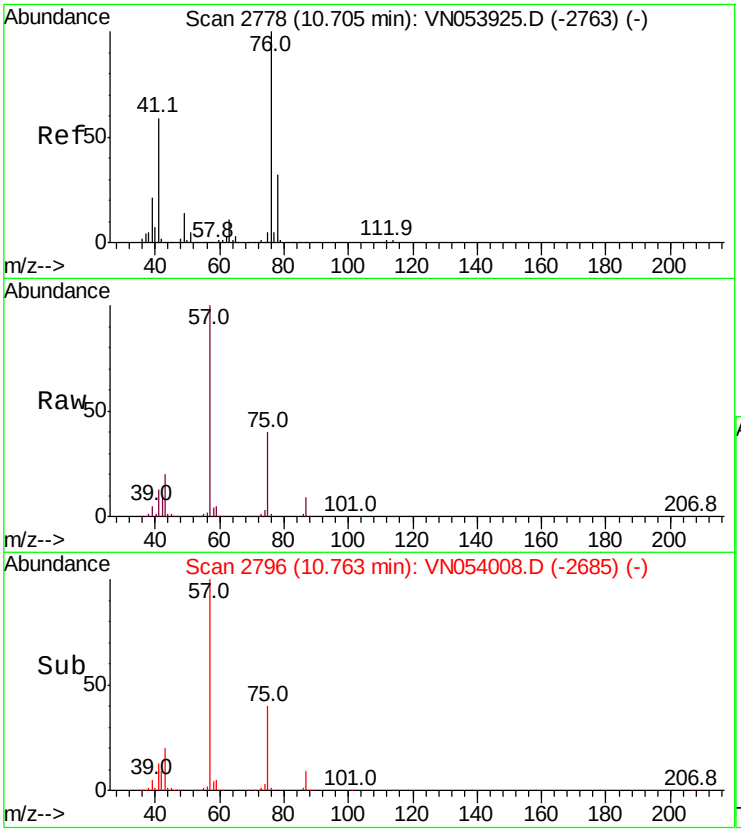


#56
Ethyl methacrylate
Concen: 2.123 ug/l
RT: 10.55 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 69 Resp: 1632

Ion	Ratio	Lower	Upper
69	100		
41	3607.0	47.5	71.3#
39	1506.2	23.4	35.0#



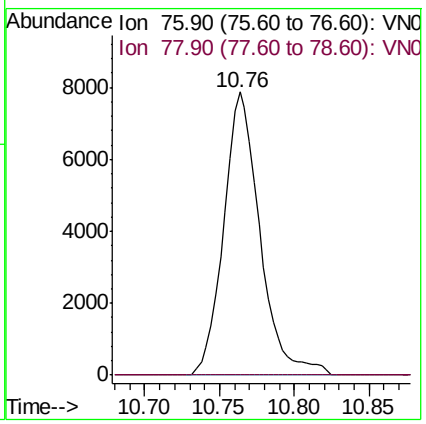


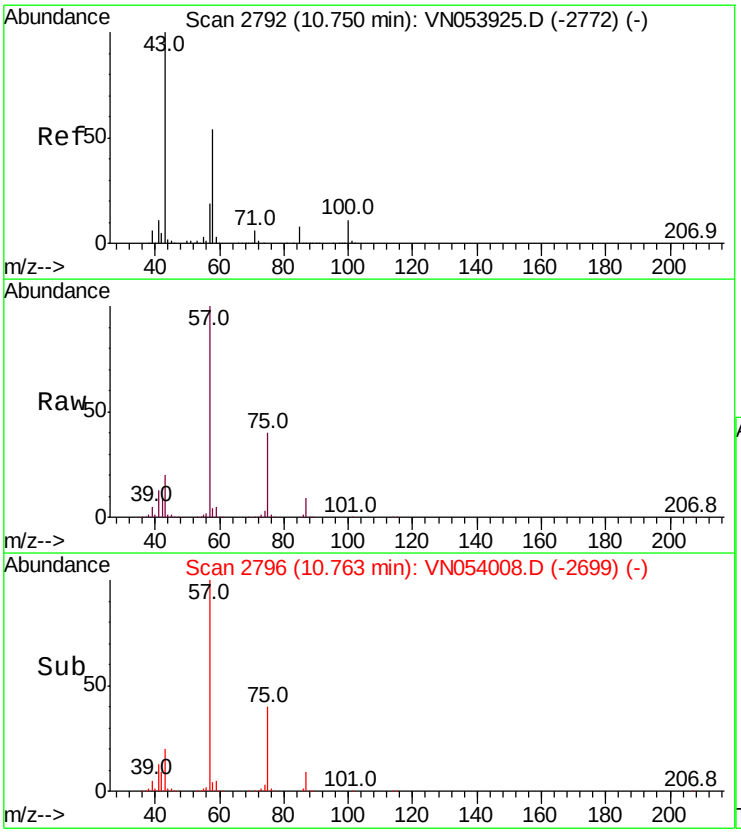
#57
1,3-Dichloropropane
Concen: 1.107 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 13281

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#

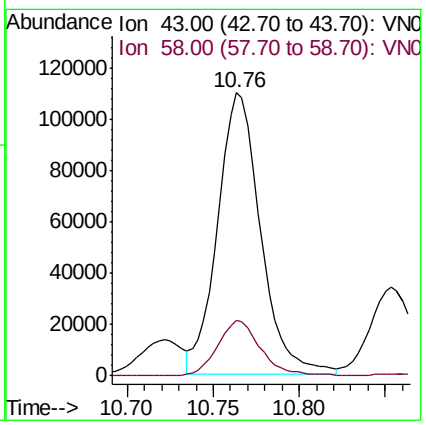


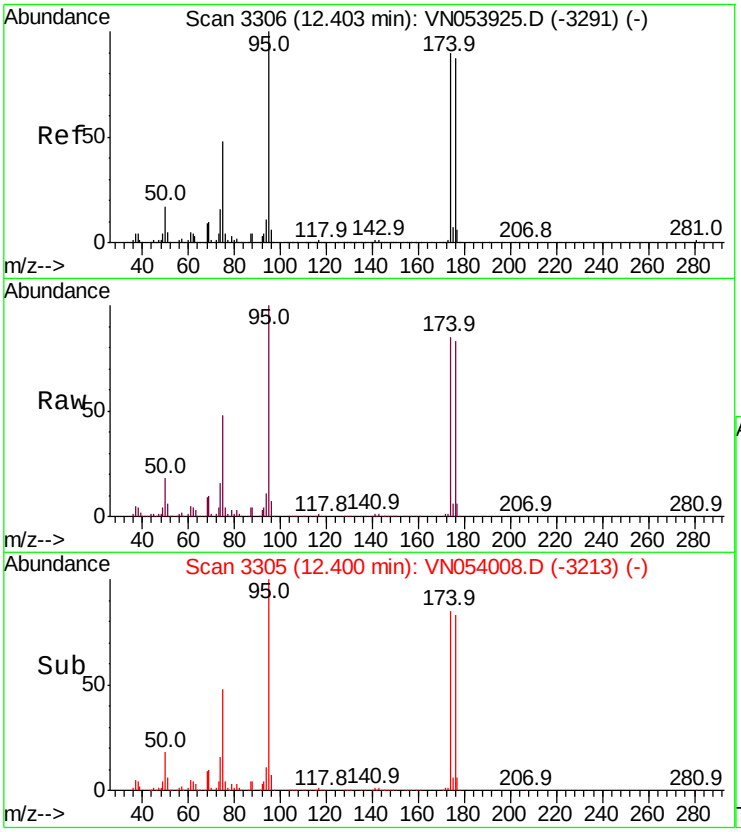


#59
2-Hexanone
Concen: 45.247 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 43 Resp: 191575

Ion	Ratio	Lower	Upper
43	100		
58	19.8	29.1	87.4#



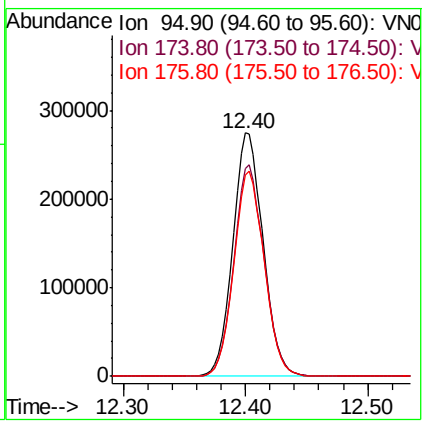


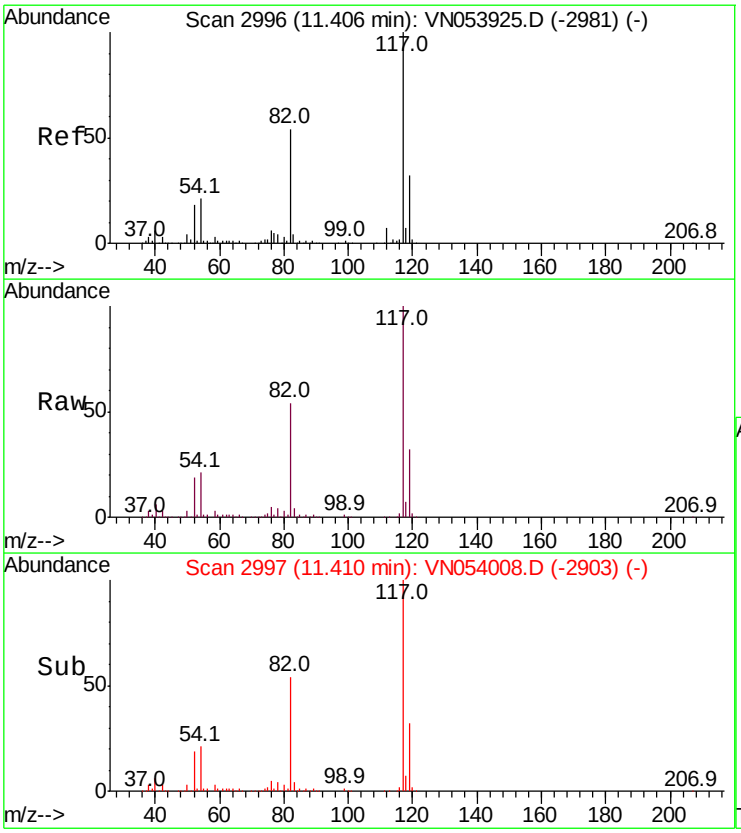
#62
4-Bromofluorobenzene
Concen: 51.838 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 469780

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	188.8
176	84.6	0.0	182.6

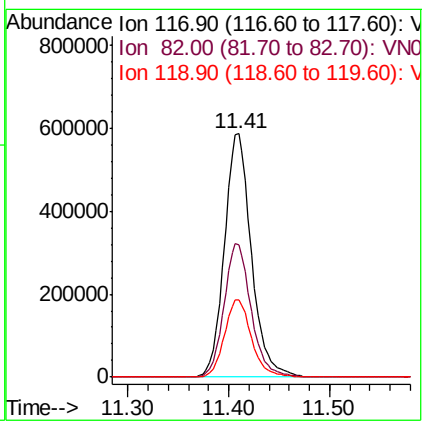


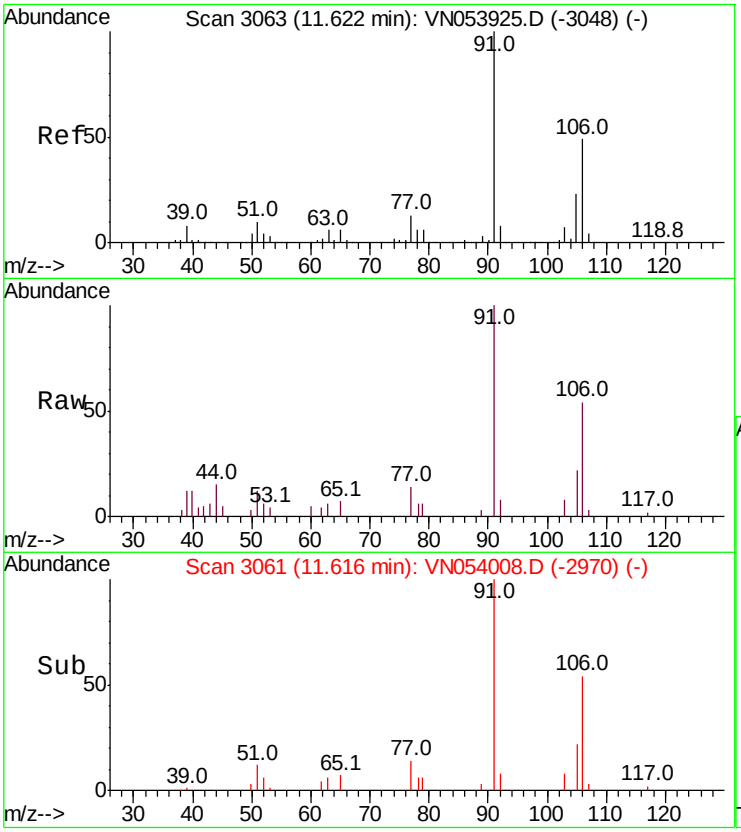


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:117 Resp: 1095890

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.2
119	31.7	25.3	37.9



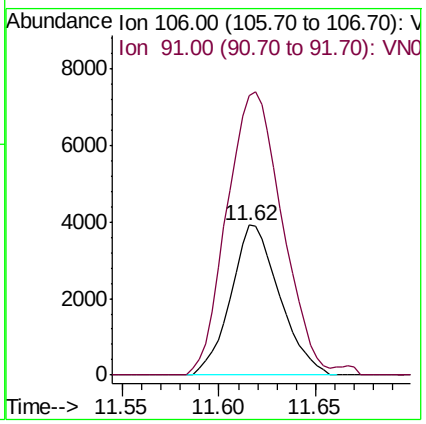


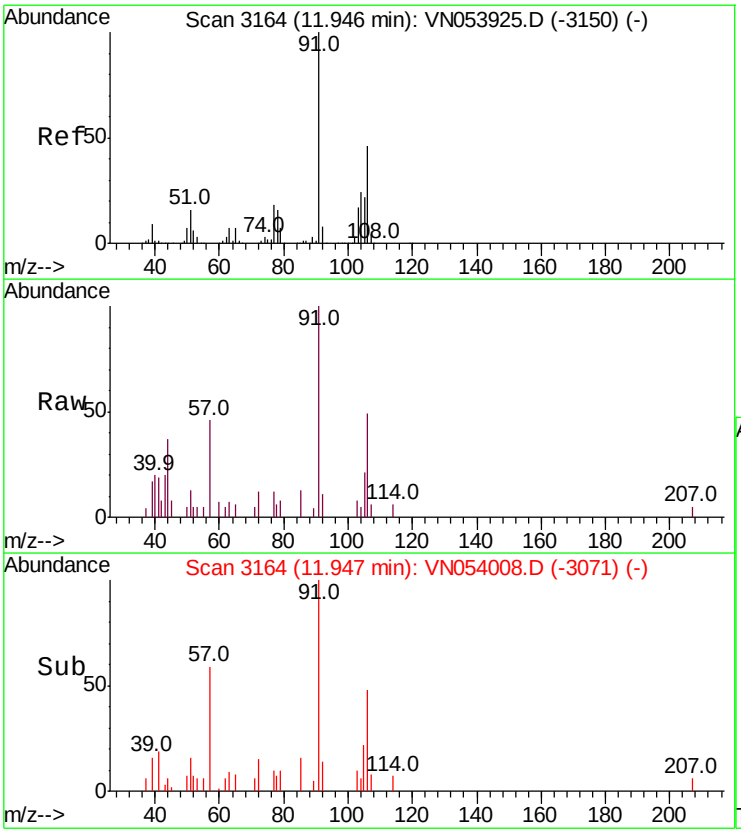
#68
m/p-Xylenes
Concen: 0.468 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 6842

Ion	Ratio	Lower	Upper
106	100		
91	215.2	158.9	238.3

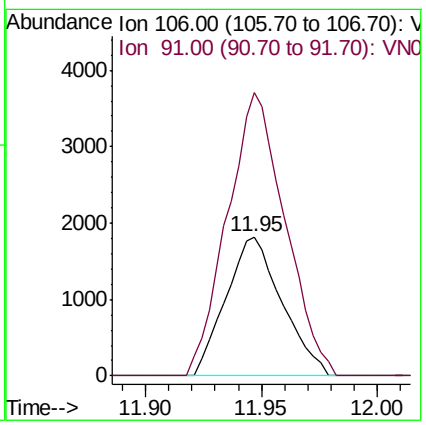


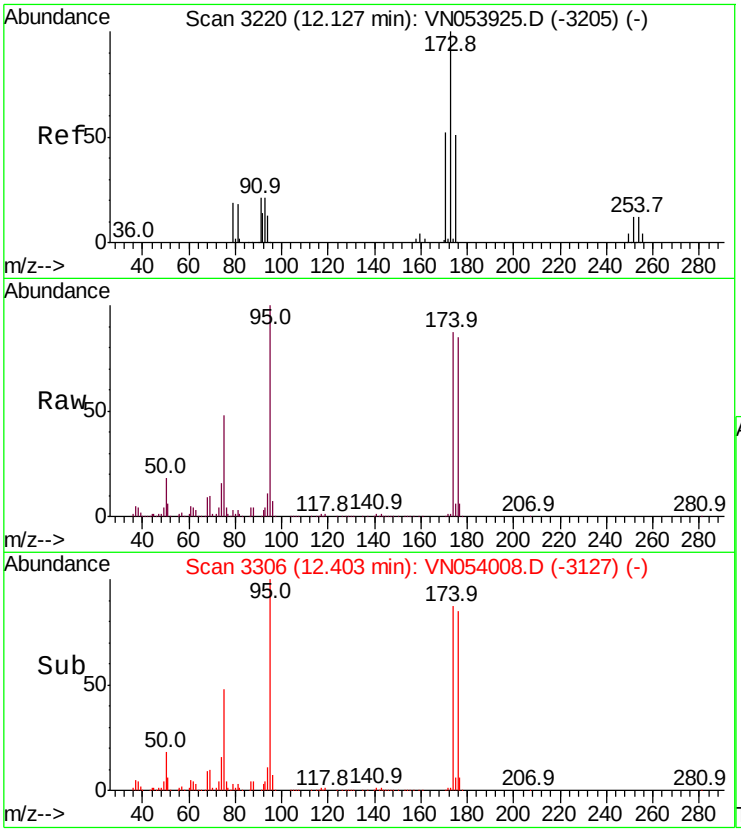


#69
o-Xylene
Concen: 0.212 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:106 Resp: 3054

Ion	Ratio	Lower	Upper
106	100		
91	210.6	106.0	318.0



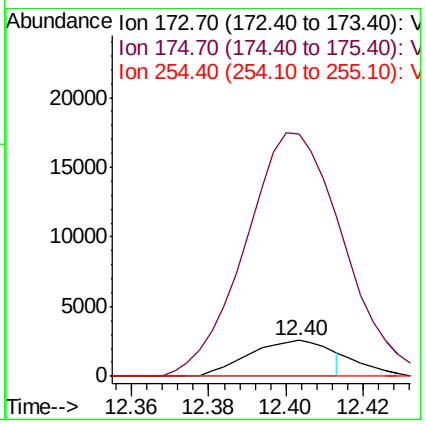


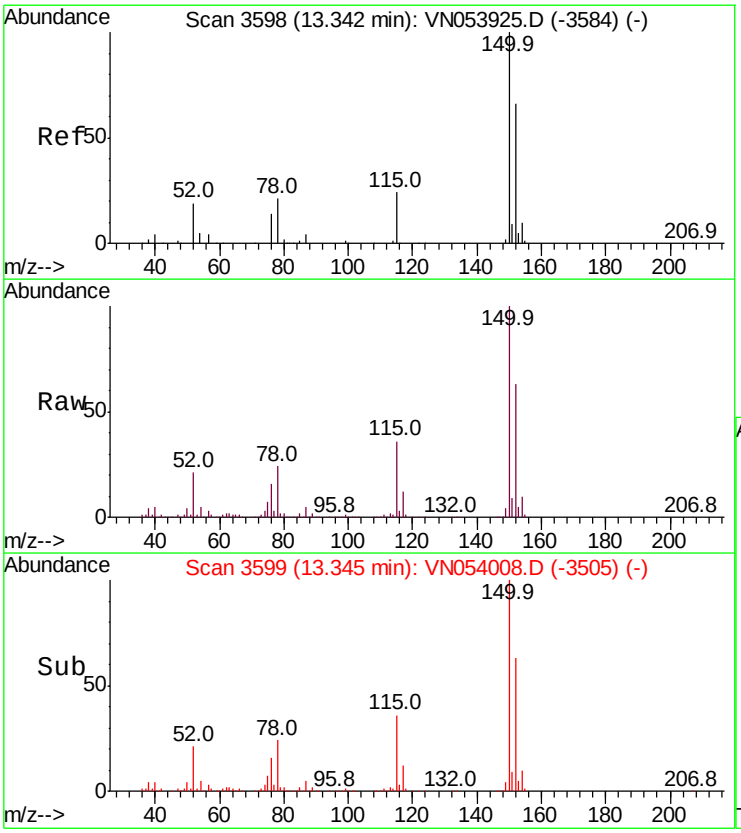
#71
Bromoform
Concen: 0.645 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 3739

Ion	Ratio	Lower	Upper
173	100		
175	699.8	24.3	72.8#
254	0.0	0.2	0.2#

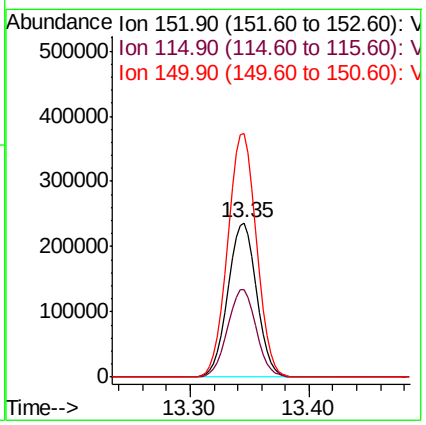


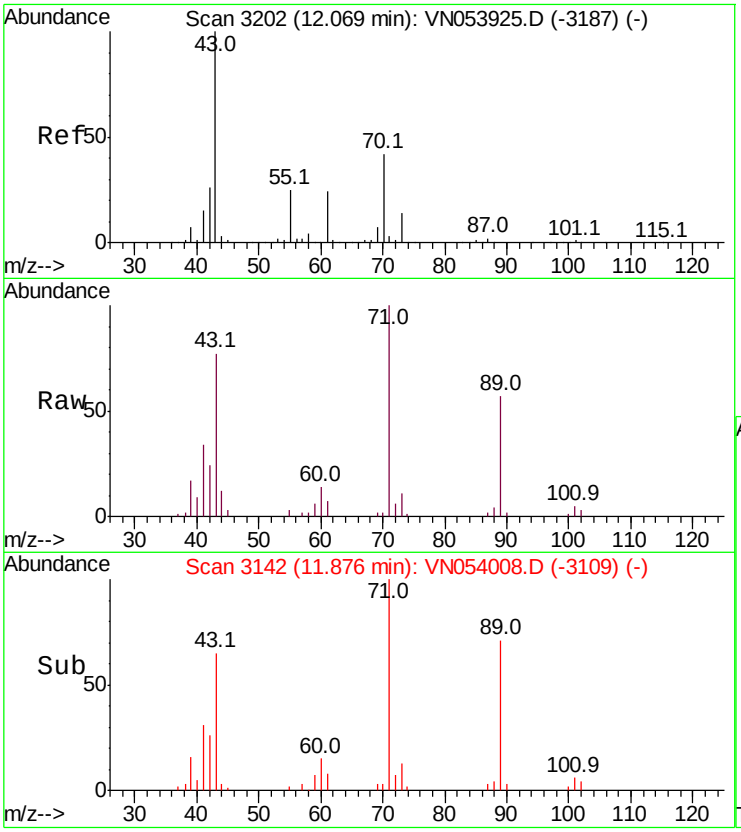


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:152 Resp: 395079

Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.2	81.6
150	158.5	0.0	348.2



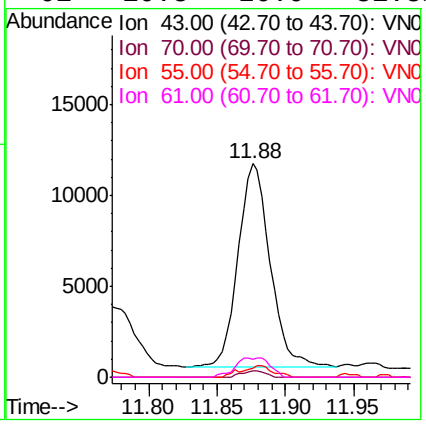


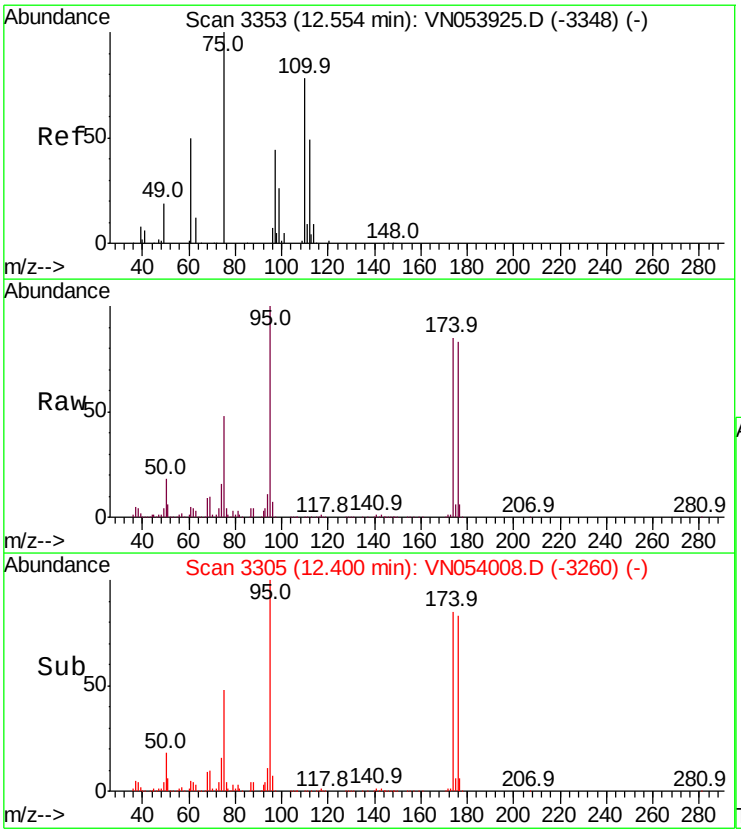
#74
N-amyl acetate
Concen: 2.284 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 18413

Ion	Ratio	Lower	Upper
43	100		
70	2.4	37.4	56.2#
55	5.7	21.4	32.0#
61	10.3	20.9	31.3#

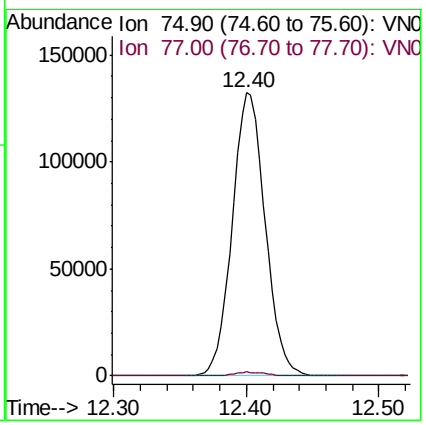


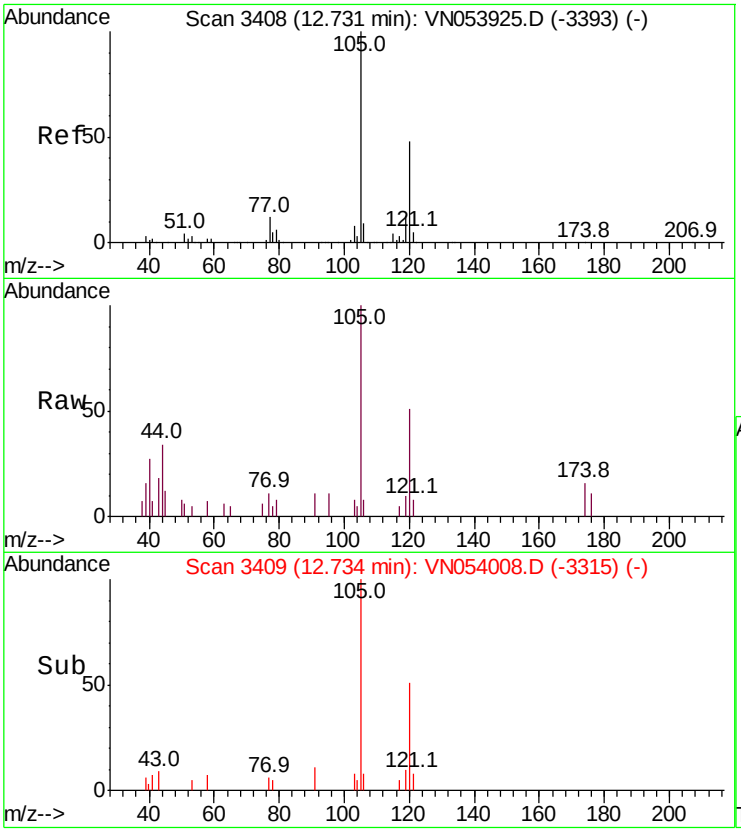


#76
1,2,3-Trichloropropane
Concen: 35.998 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 75 Resp: 228146

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



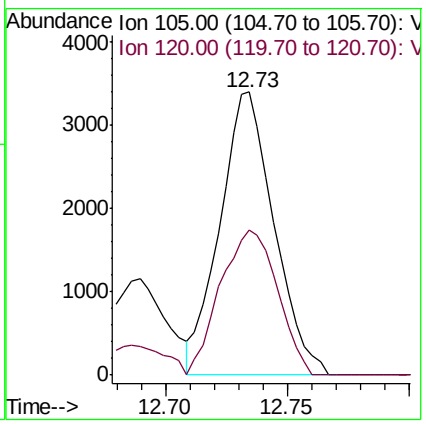


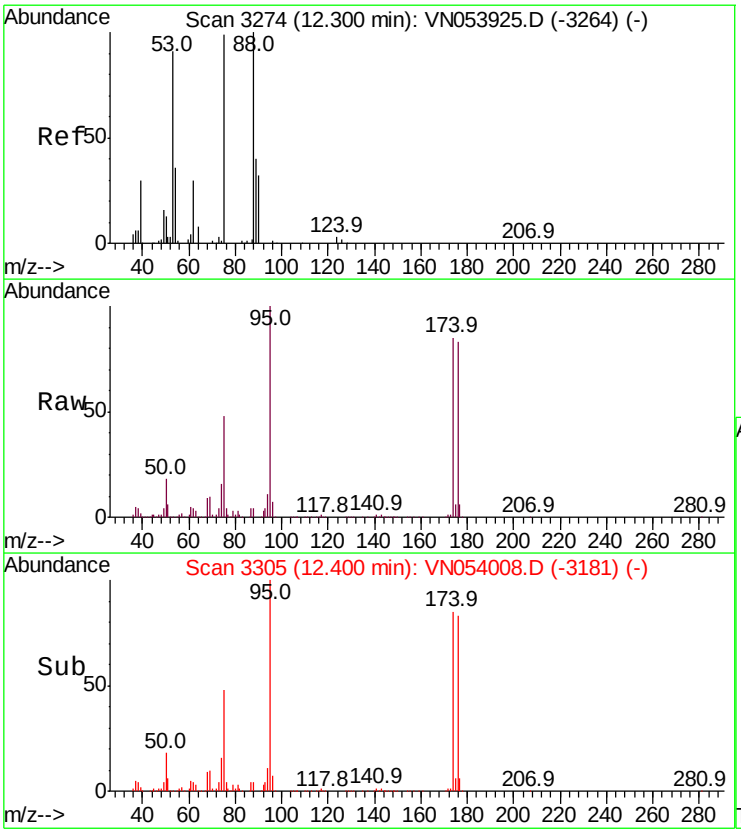
#80
1,3,5-Trimethylbenzene
Concen: 0.208 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 5246

Ion	Ratio	Lower	Upper
105	100		
120	54.1	25.1	75.2

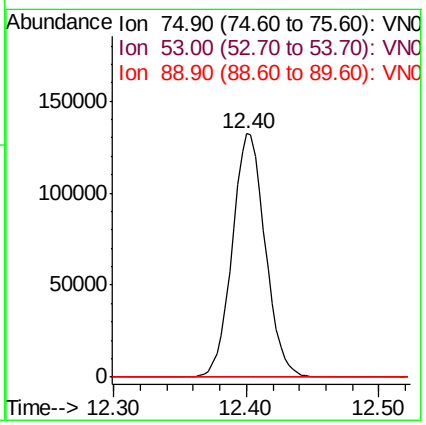


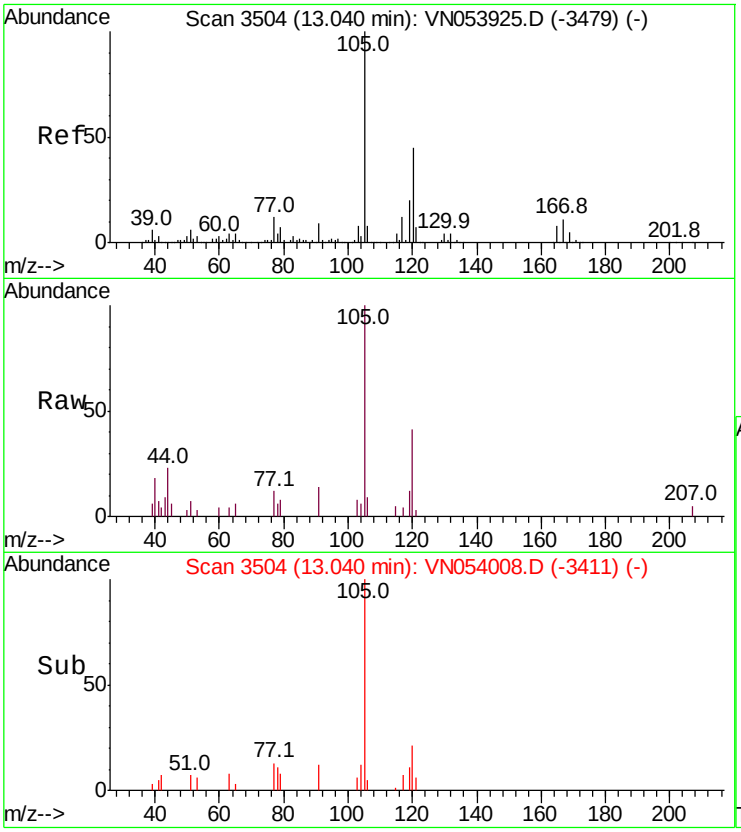


#81
trans-1,4-Dichloro-2-butene
Concen: 113.776 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion: 75 Resp: 228146

Ion	Ratio	Lower	Upper
75	100		
53	0.1	68.6	102.8#
89	0.0	35.3	52.9#



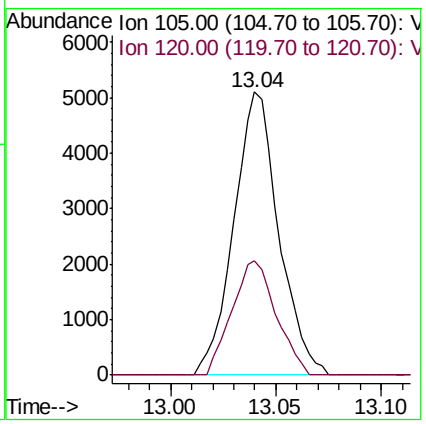


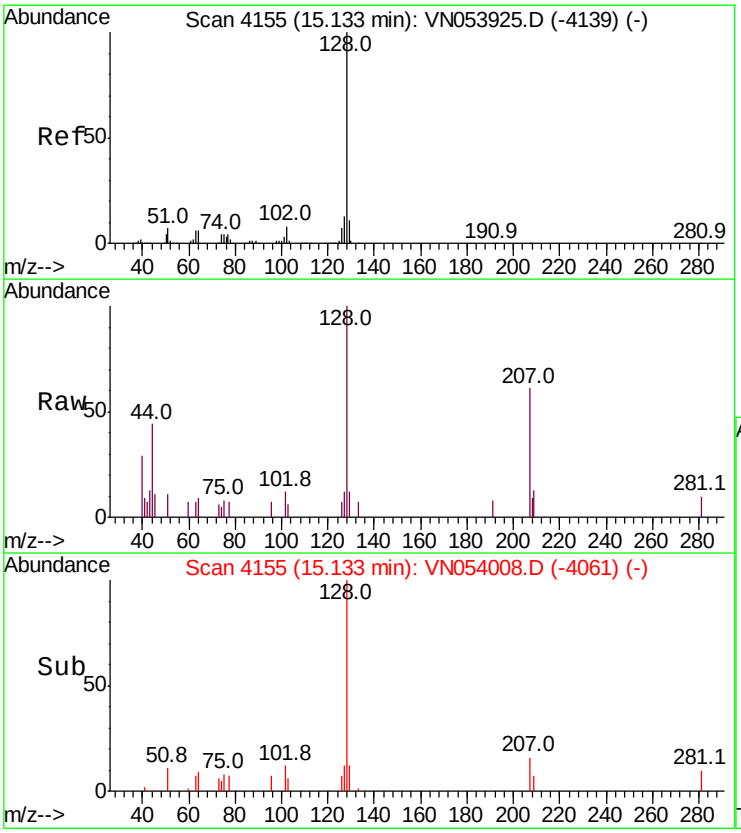
#84
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 7546

Ion	Ratio	Lower	Upper
105	100		
120	39.5	23.2	69.5





#95
Naphthalene
Concen: 3.511 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054008.D
Acq: 28 Feb 2019 17:00

Tgt Ion:128 Resp: 5007

Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.2	15.2#
129	9.6	8.6	12.8