Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041319\
Data File : VN055010.D
Acq On : 12 Apr 2019 20:12
Operator : JC/SP
Sample : K2373-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Apr 13 03:43:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	538903	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	858572	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	706484	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224165	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	346362	51.22	ug/l		0.00
Spiked Amount 50.000			Recovery	=	102.44%		
35) Dibromofluoromethane	7.59	113	275589	50.35	ug/l		0.00
Spiked Amount 50.000			Recovery	=	100.70%		
50) Toluene-d8	10.09	98	1013194	50.40	ug/l		0.00
Spiked Amount 50.000			Recovery	=	100.80%		
62) 4-Bromofluorobenzene	12.40	95	293741	43.38	ug/l		0.00
Spiked Amount 50.000			Recovery	=	86.76%		
Target Compounds							Qvalue
13) Acrolein	3.62	56	465	0.926	ug/l	#	21
14) Allyl chloride	4.54	41	339740	33.372	ug/l	#	26
16) Acetone	3.82	43	12744	6.860	ug/l		99
18) Methyl Acetate	4.32	43	1966	0.341	ug/l		98
20) Methylene Chloride	4.54	84	7469335	1275.778	ug/l		96
25) 2-Butanone	6.88	43	1788	0.625	ug/l	#	53
29) Tetrahydrofuran	7.24	42	1688	0.900	ug/l	#	69
30) Chloroform	7.37	83	3365	0.317	ug/l	#	78
31) Cyclohexane	7.67	56	11389	Below Cal		#	1
36) 1,1-Dichloropropene	7.66	75	40442	5.097	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	49523	6.630	ug/l	#	15
43) Isopropyl Acetate	8.18	43	15220	1.494	ug/l		97
48) Methyl methacrylate	9.18	41	7231	1.378	ug/l	#	17
51) 4-Methyl-2-Pentanone	9.99	43	4633	0.777	ug/l		98
54) cis-1,3-Dichloropropene	9.91	75	49267	5.599	ug/l	#	67
57) 1,3-Dichloropropane	10.77	76	9637	1.057	ug/l	#	43
58) 2-Chloroethyl Vinyl ether	9.90	63	105	18.235	ug/l	#	50
59) 2-Hexanone	10.77	43	154007	41.323	ug/l	#	53
68) m/p-Xylenes	11.62	106	1848	0.202	ug/l		77
71) Bromoform	12.40	173	3135	3.449	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	151118	36.643	ug/l	#	100
77) Bromobenzene	12.52	156	359	Below Cal		#	1
80) 1,3,5-Trimethylbenzene	12.73	105	8268	0.533	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	151118	151.243	ug/l	#	2
84) 1,2,4-Trimethylbenzene	13.04	105	11823	0.795	ug/l		98
86) p-Isopropyltoluene	13.29	119	2977	0.202	ug/l		94
93) 1,2,4-Trichlorobenzene	14.91	180	621	3.688	ug/l	#	79
94) Hexachlorobutadiene	15.01	225	232	Below Cal		#	37
95) Naphthalene	15.13	128	9020	5.630	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.32	180	854	0.256	ug/l		72

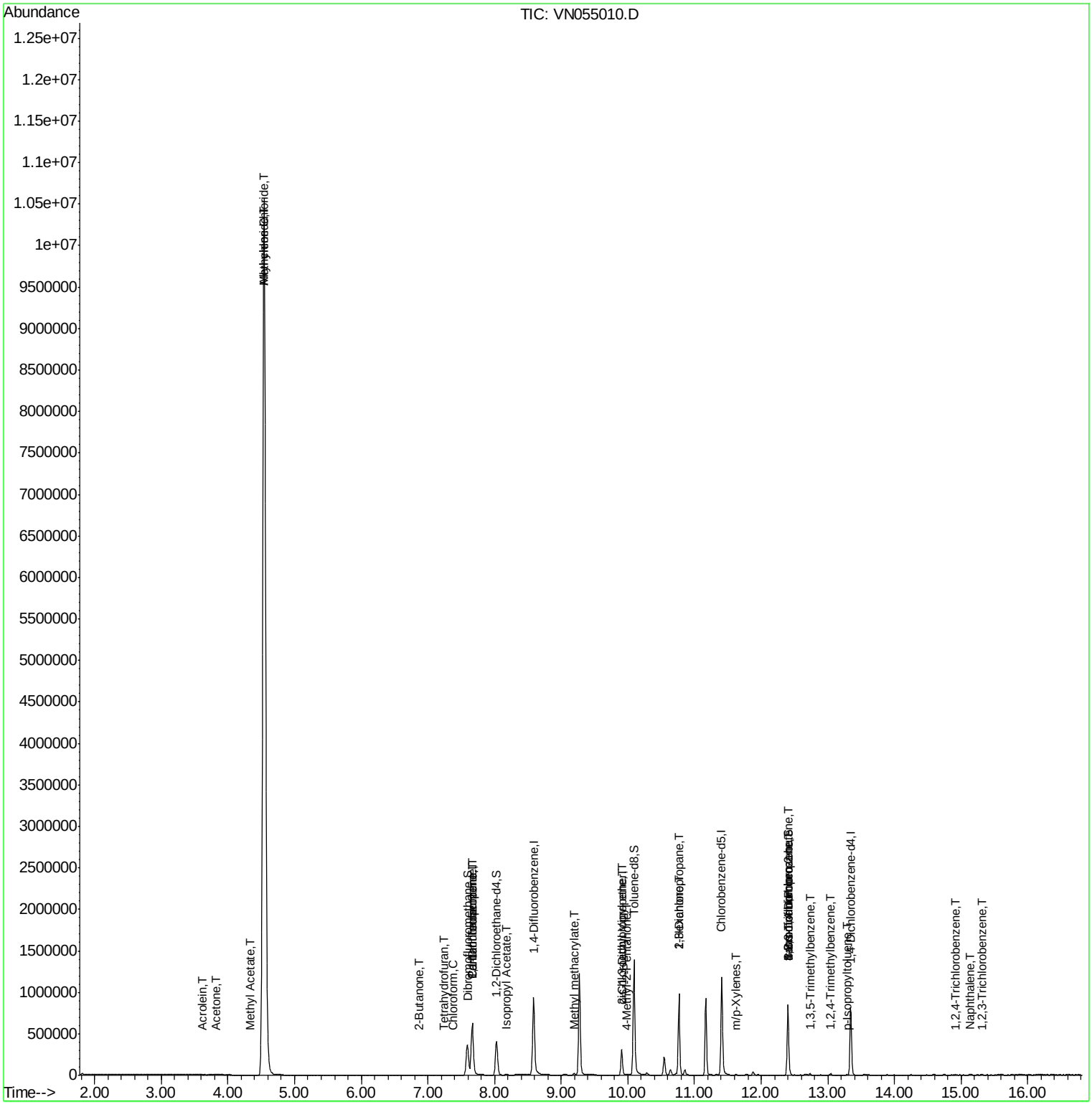
(#) = qualifier out of range (m) = manual integration (+) = signals summed

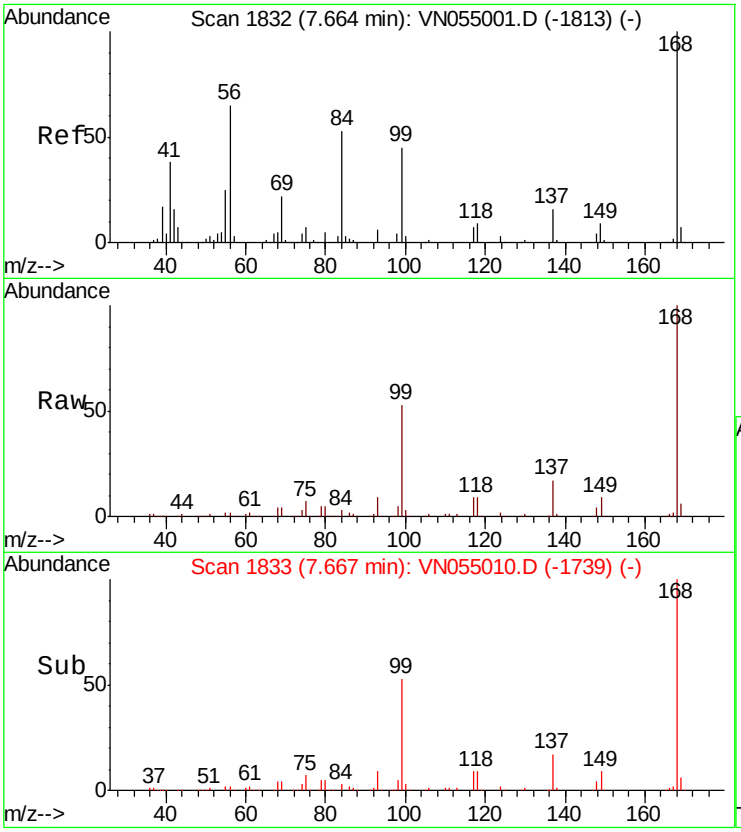
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041319\
Data File : VN055010.D
Acq On : 12 Apr 2019 20:12
Operator : JC/SP
Sample : K2373-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 13 03:43:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
Response via : Initial Calibration



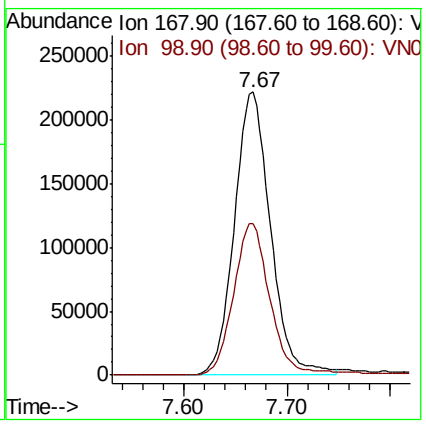


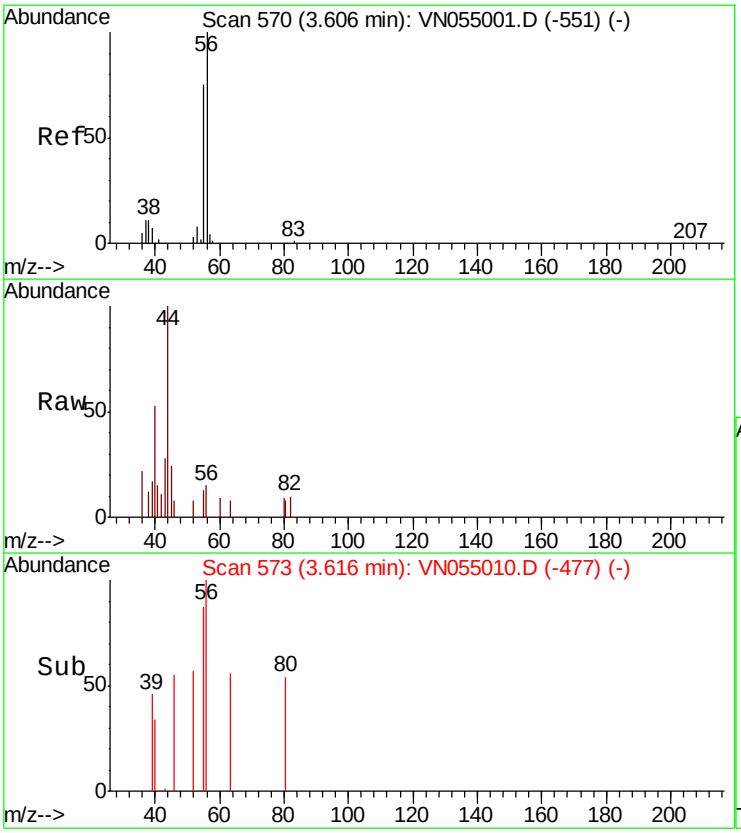
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 538903

Ion	Ratio	Lower	Upper
168	100		
99	53.4	41.9	62.9

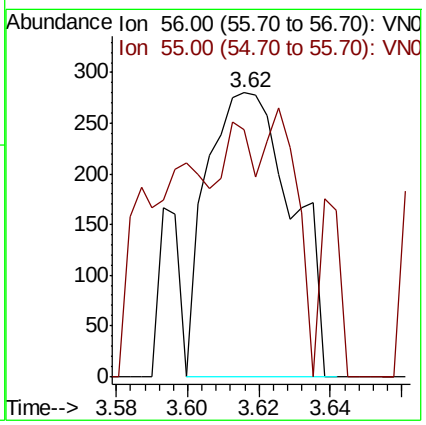


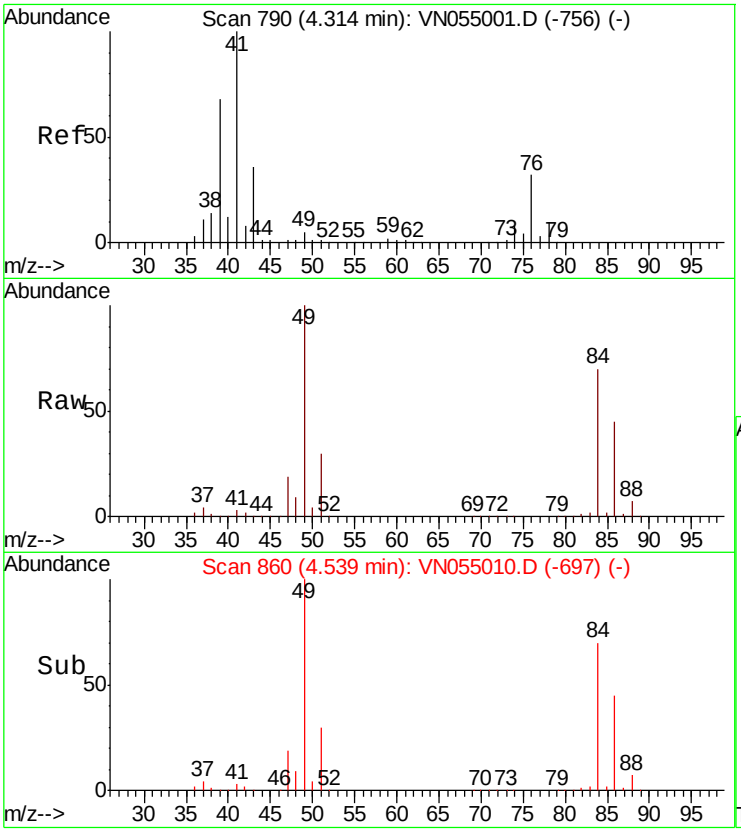


#13
Acrolein
Concen: 0.926 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 465

Ion	Ratio	Lower	Upper
56	100		
55	7.5	59.5	89.3#



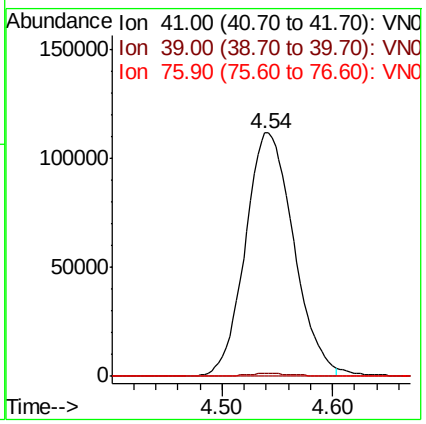


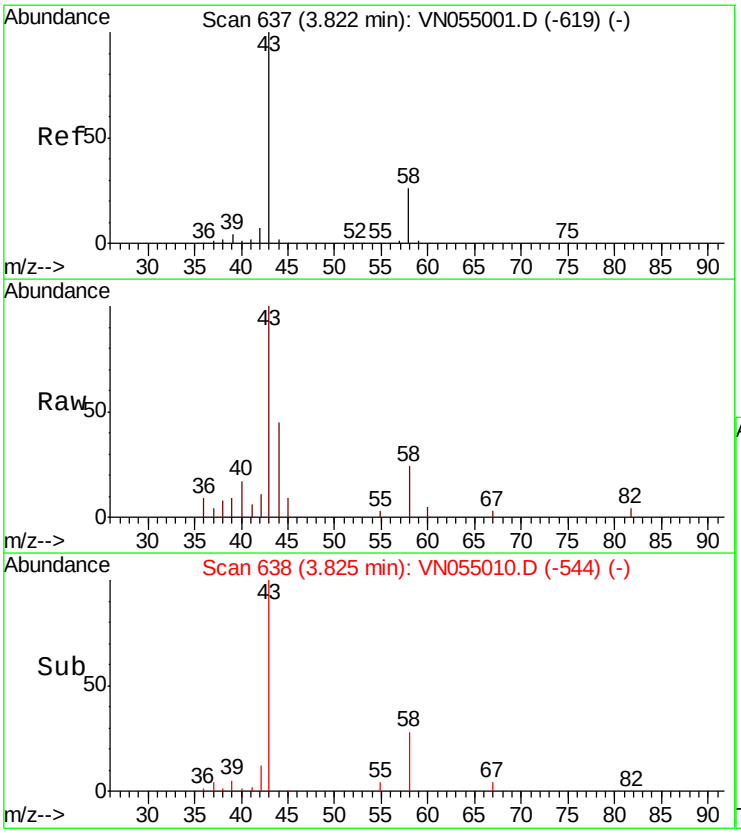
#14
Allyl chloride
Concen: 33.372 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.23 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 339740

Ion	Ratio	Lower	Upper
41	100		
39	0.7	52.7	79.1#
76	0.0	23.2	34.8#

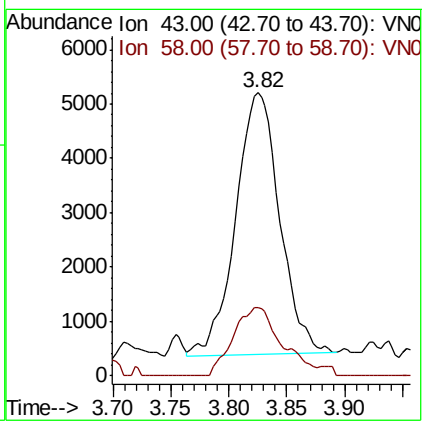


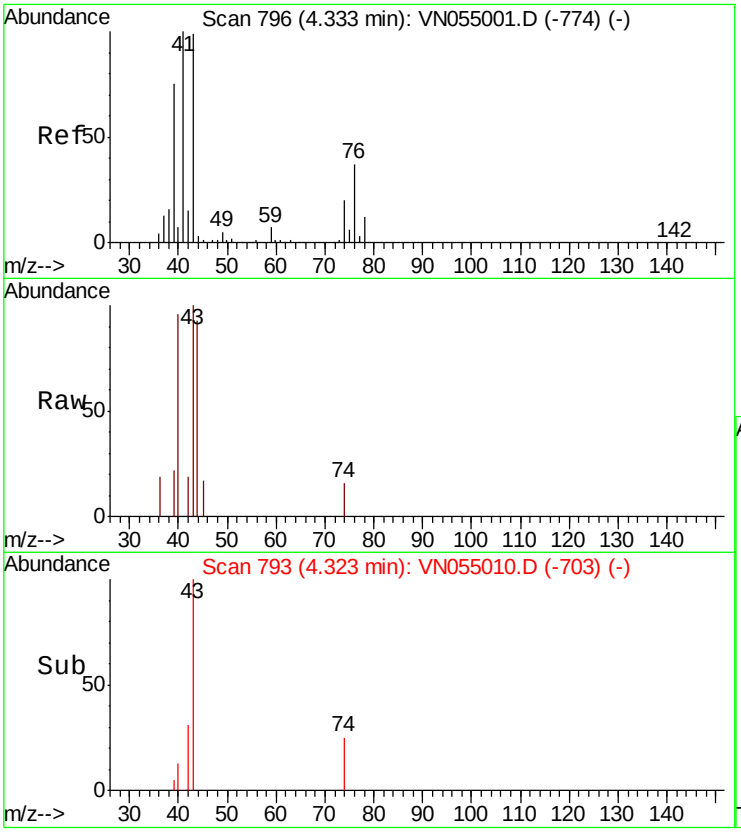


#16
Acetone
Concen: 6.860 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 43 Resp: 12744

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.9	31.3



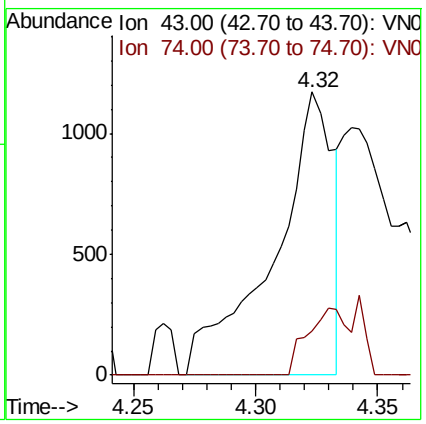


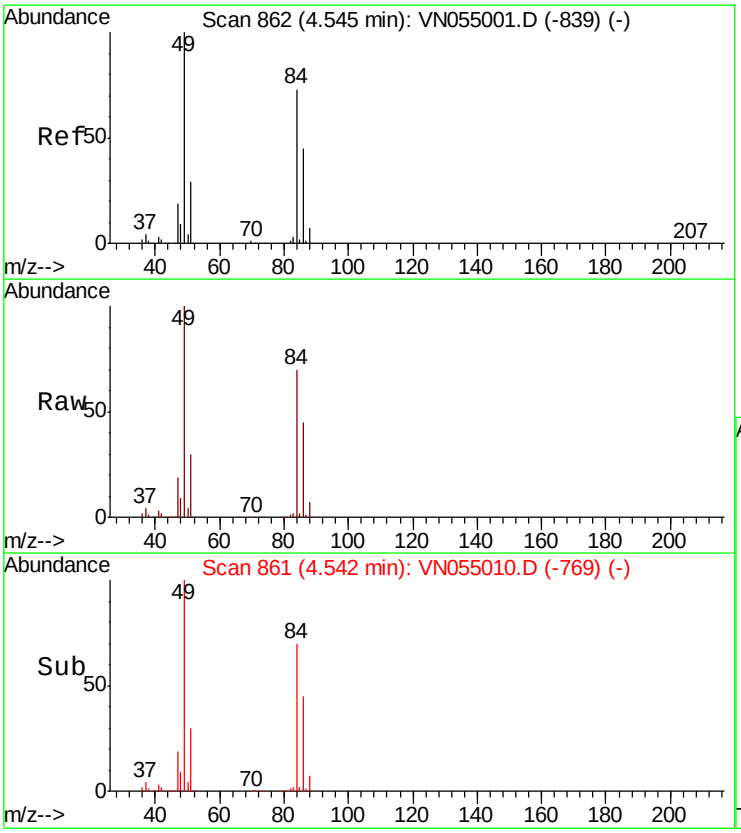
#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1966

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.1	24.1

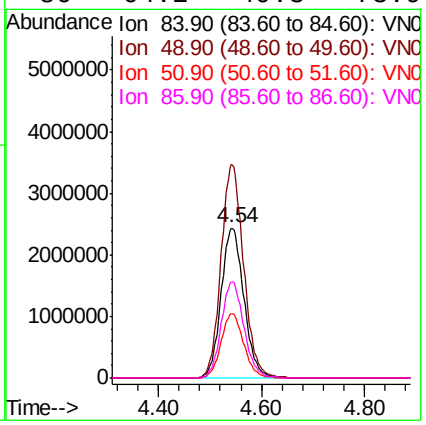


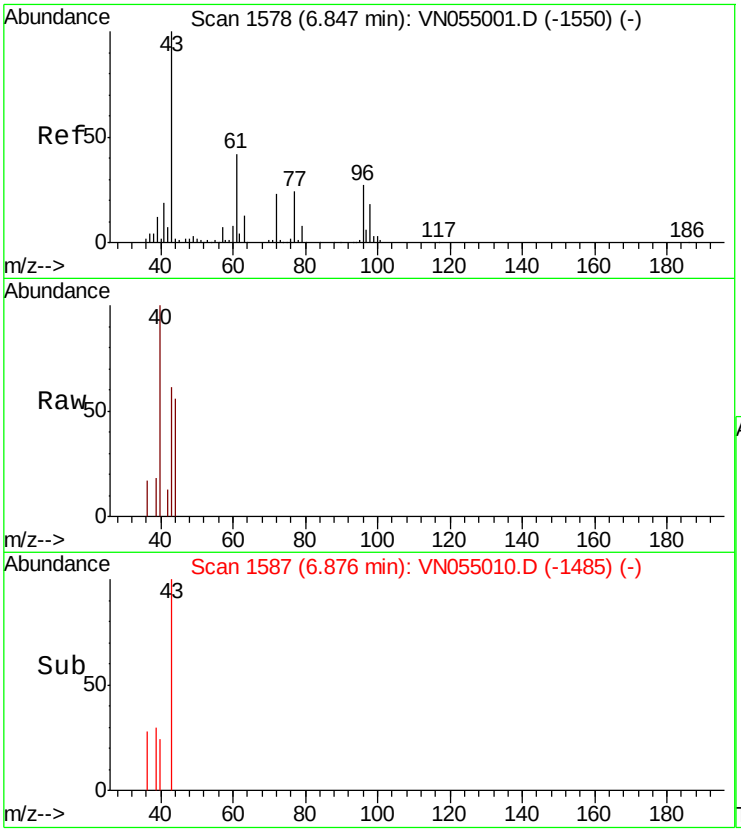


#20
Methylene Chloride
Concen: 1275.778 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 84 Resp: 7469335

Ion	Ratio	Lower	Upper
84	100		
49	142.1	109.4	164.2
51	42.9	32.2	48.4
86	64.2	49.3	73.9



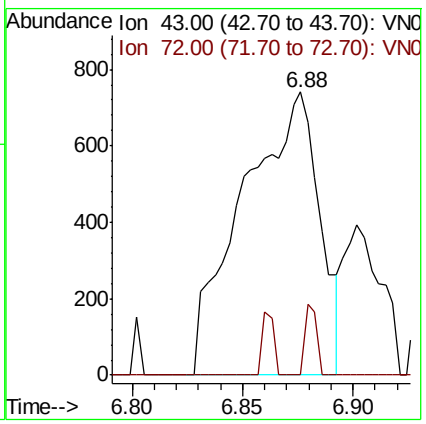


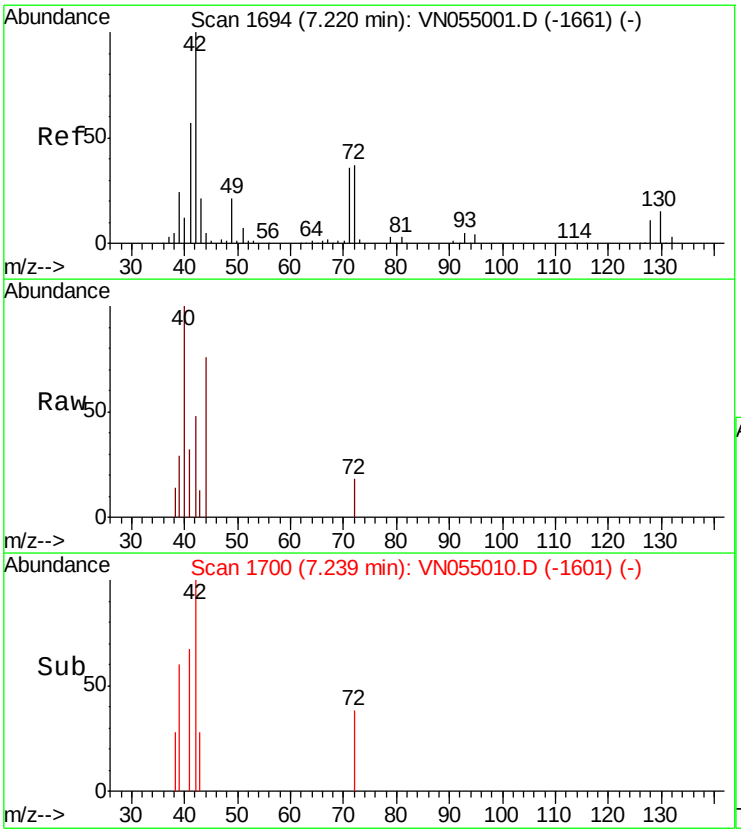
#25
2-Butanone
Concen: 0.625 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. 0.03 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1788

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.1	27.1#

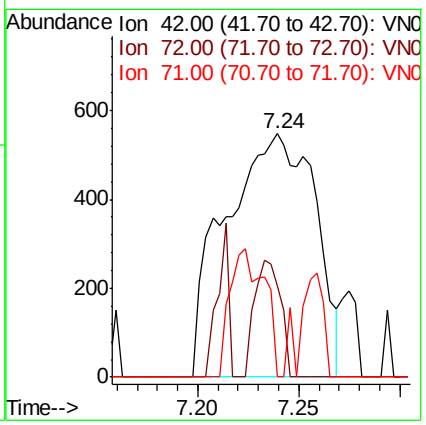


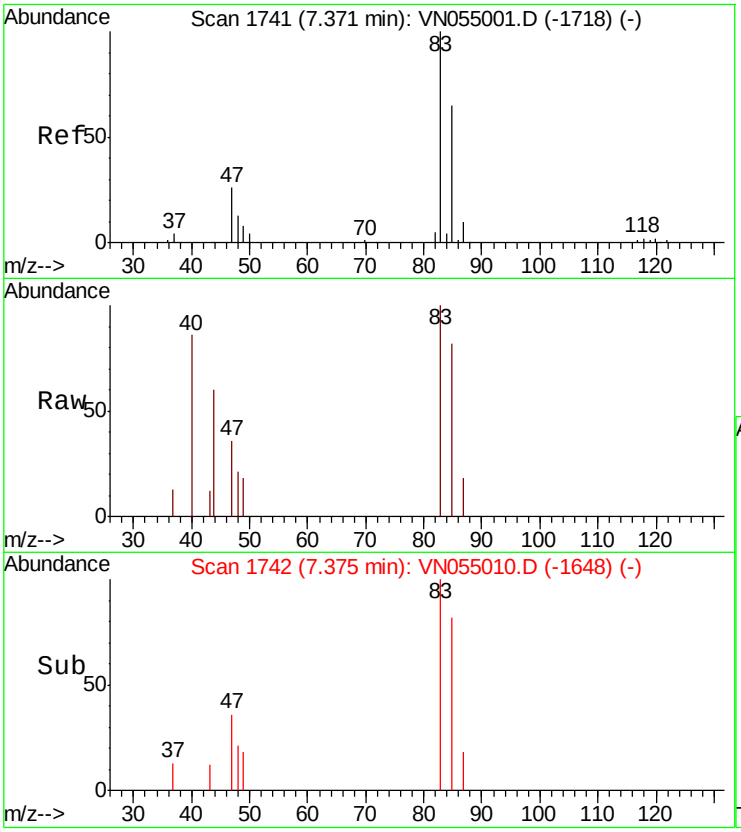


#29
Tetrahydrofuran
Concen: 0.900 ug/l
RT: 7.24 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 42 Resp: 1688

Ion	Ratio	Lower	Upper
42	100		
72	14.2	29.4	44.0#
71	20.6	27.8	41.6#



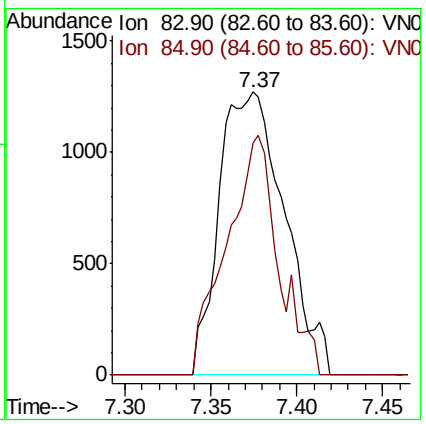


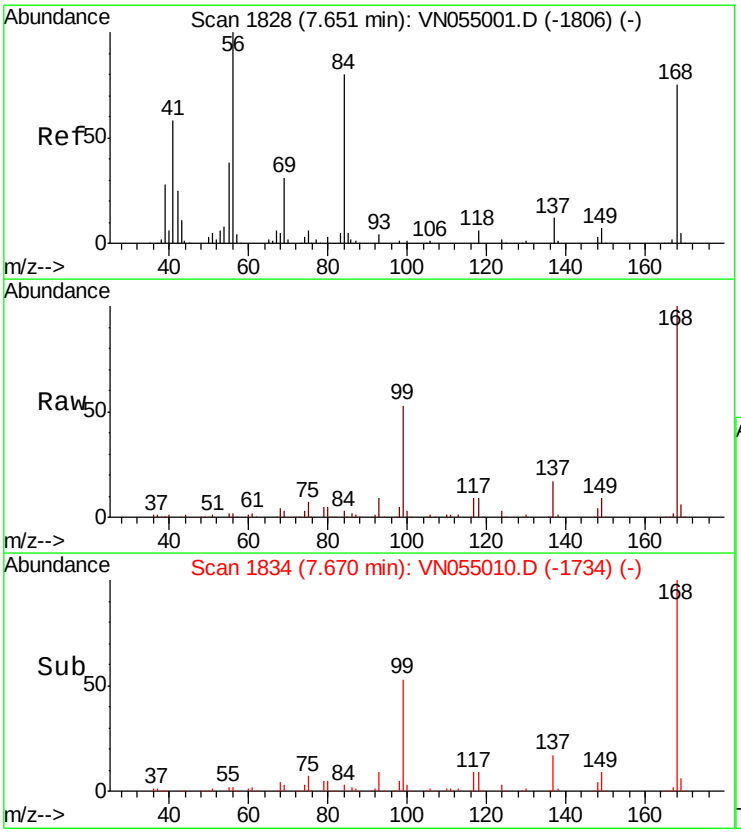
#30
Chloroform
Concen: 0.317 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 3365

Ion	Ratio	Lower	Upper
83	100		
85	82.0	51.8	77.6#

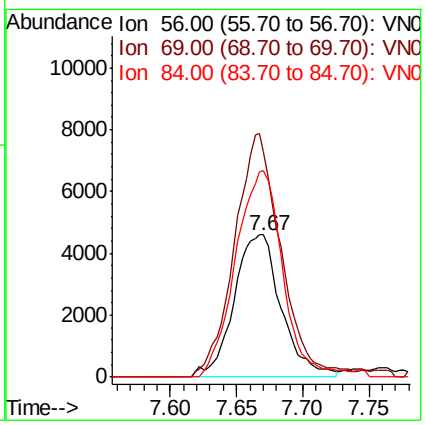


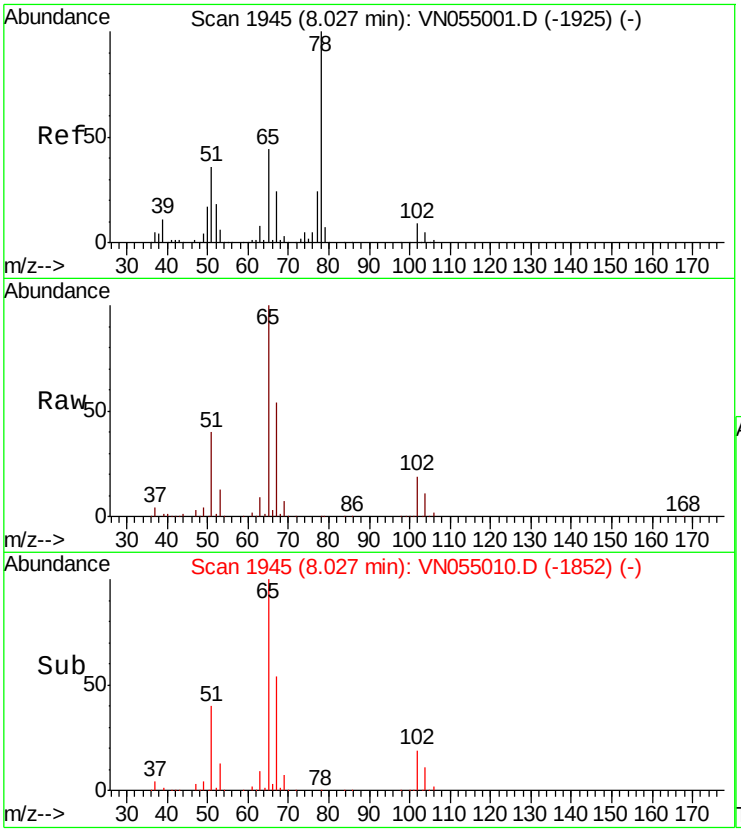


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 11389

Ion	Ratio	Lower	Upper
56	100		
69	158.5	24.5	36.7#
84	148.5	62.9	94.3#



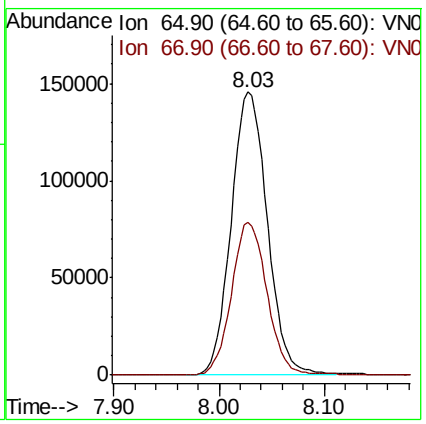


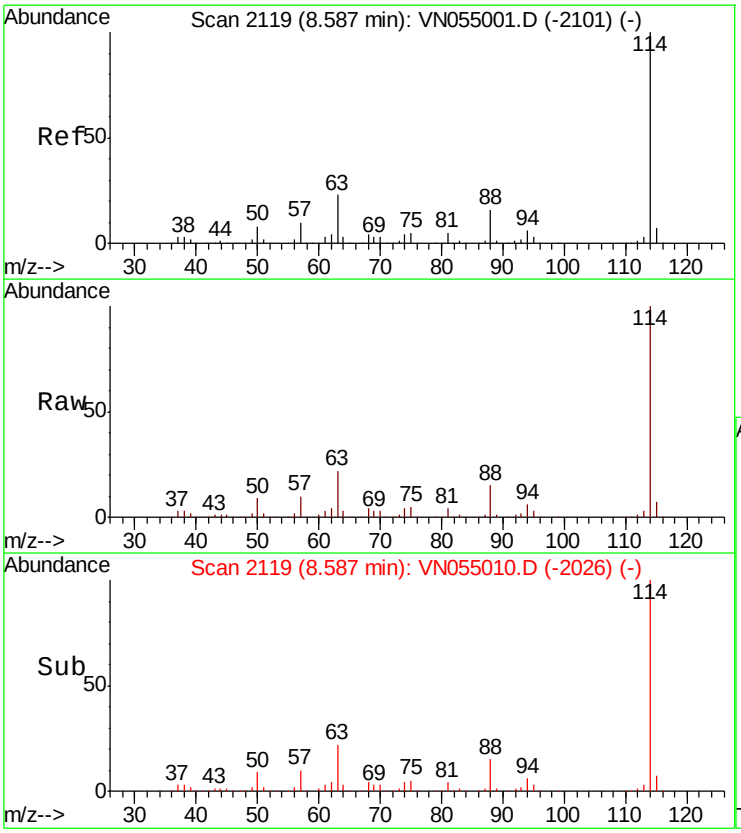
#33
1,2-Dichloroethane-d4
Concen: 51.215 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 346362

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.4

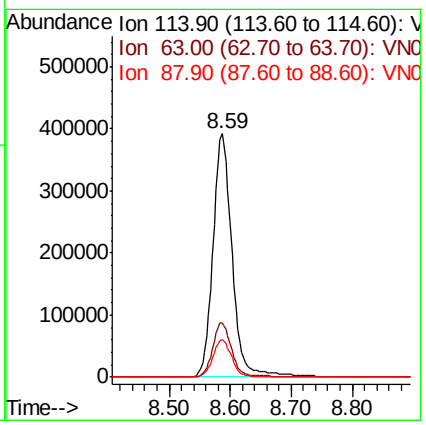


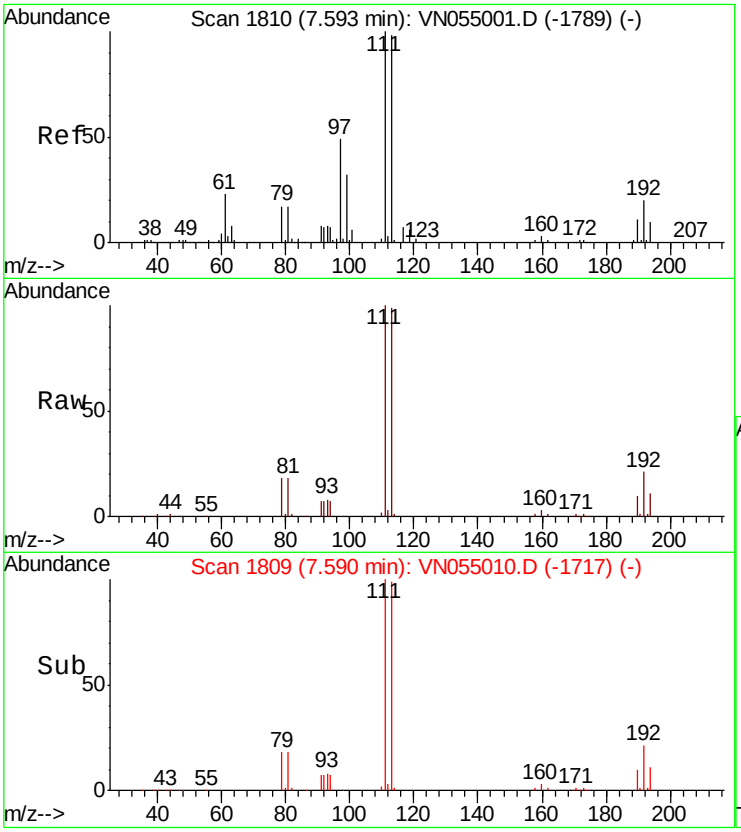


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:114 Resp: 858572

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	15.5	0.0	31.8



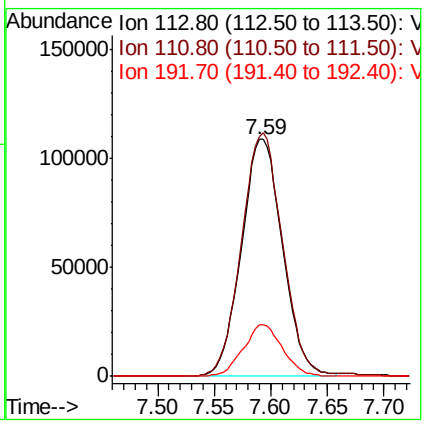


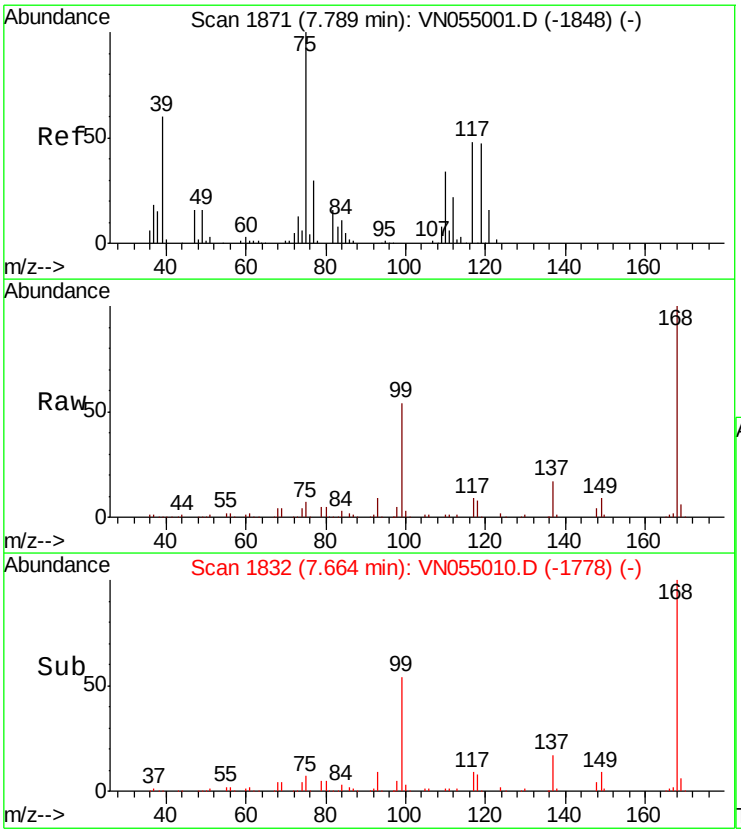
#35
Dibromofluoromethane
Concen: 50.353 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 275589

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	20.9	16.5	24.7

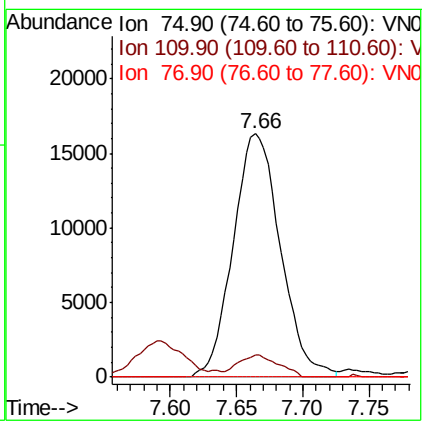


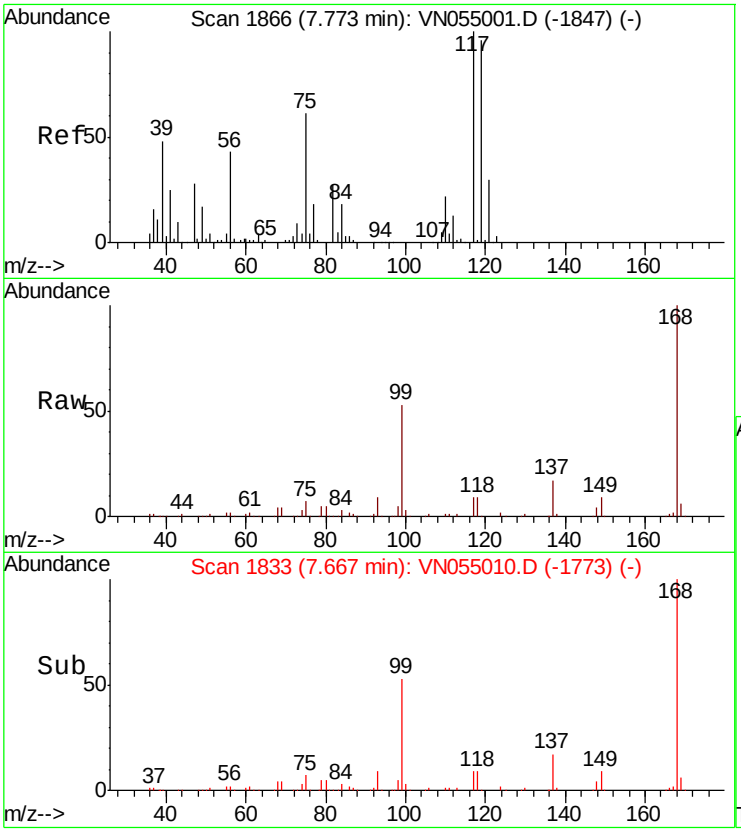


#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 75 Resp: 40442

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.5	52.5#
77	0.0	24.9	37.3#



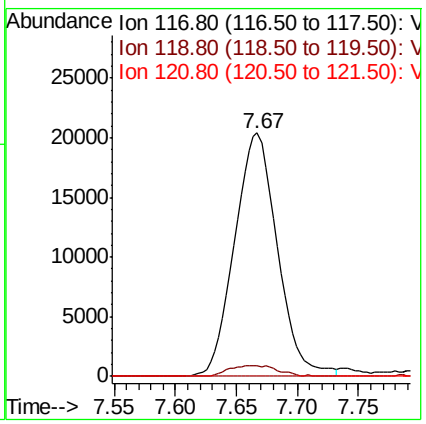


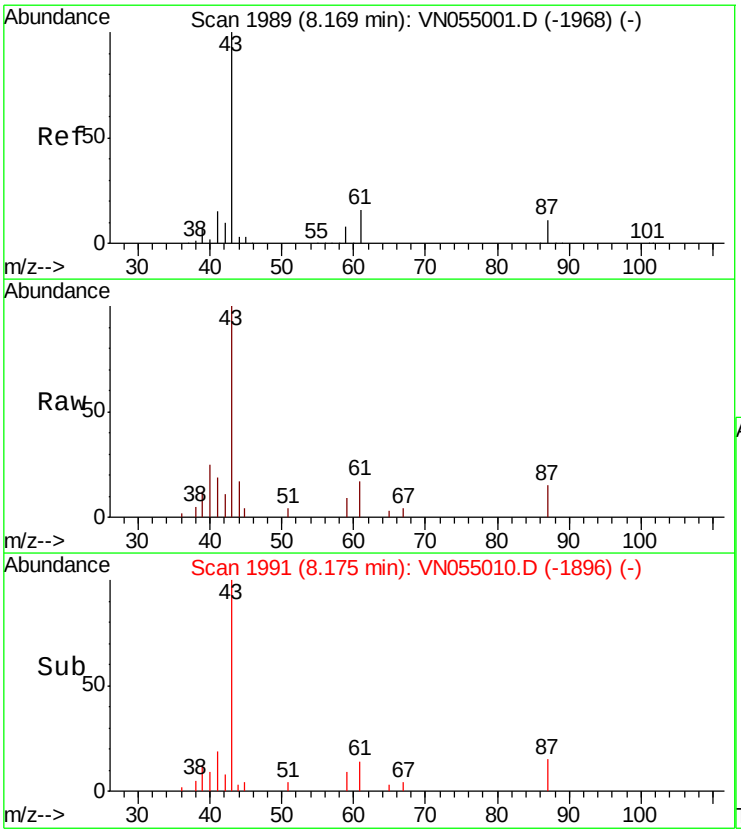
#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 49523

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.3	114.5#
121	0.0	23.9	35.9#

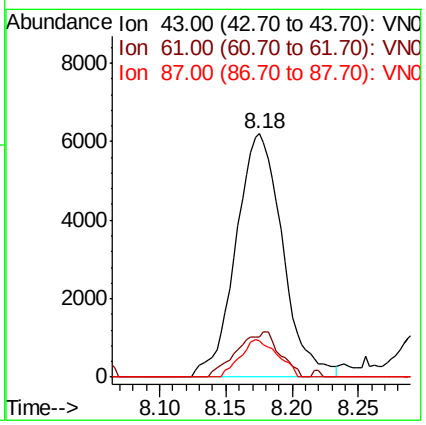


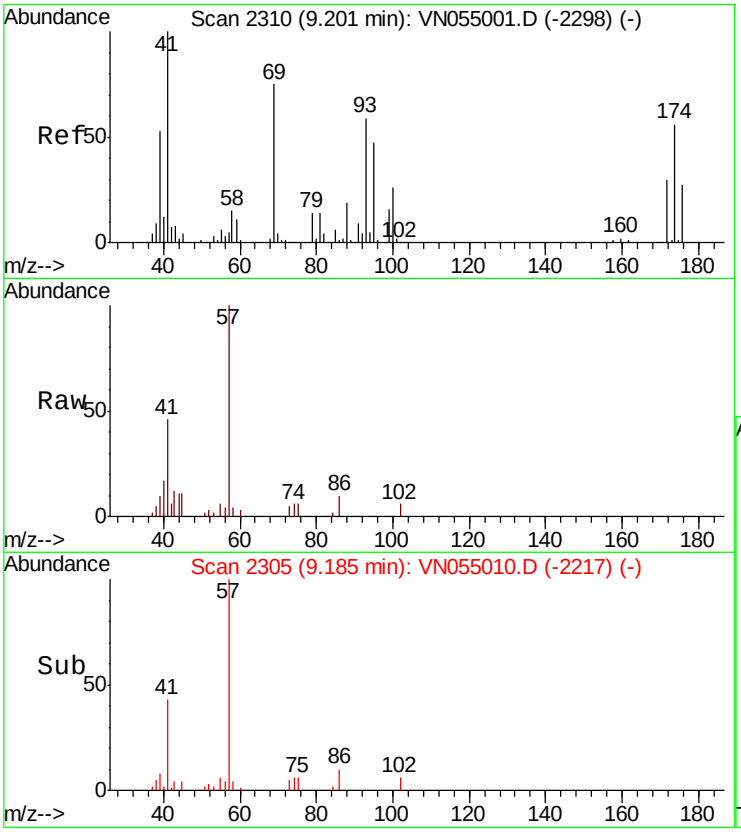


#43
Isopropyl Acetate
Concen: 1.494 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 43 Resp: 15220

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.3	21.5
87	12.3	8.6	13.0



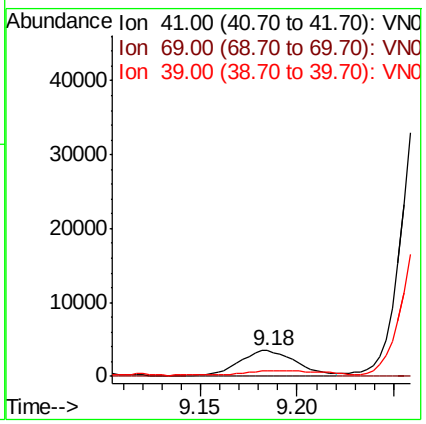


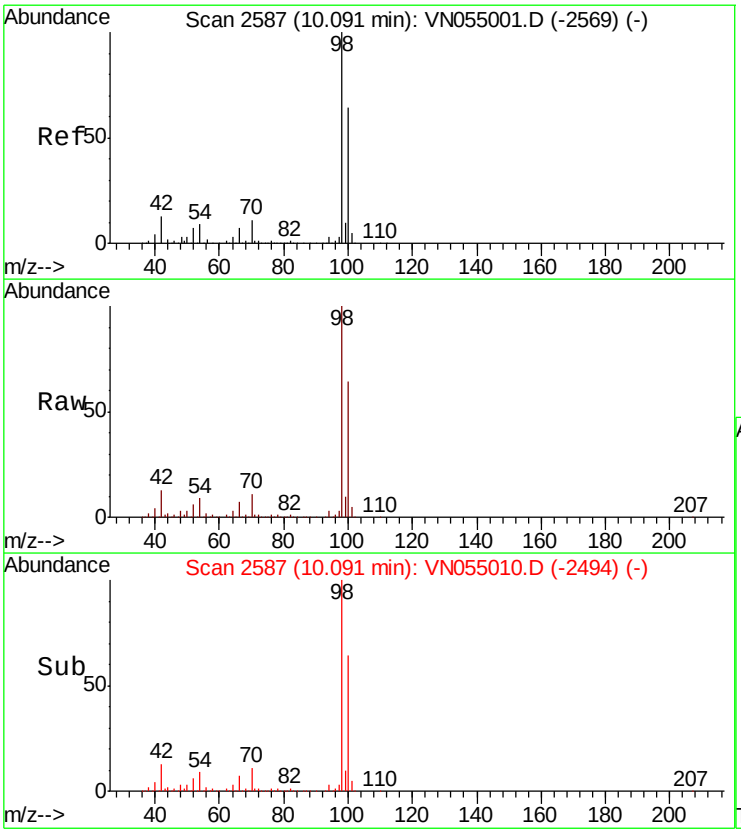
#48
Methyl methacrylate
Concen: 1.378 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 7231

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.5	90.7#
39	0.0	43.9	65.9#

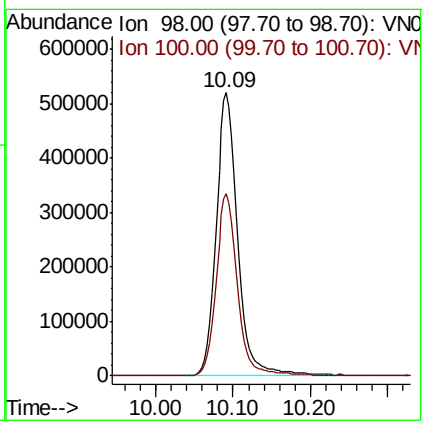


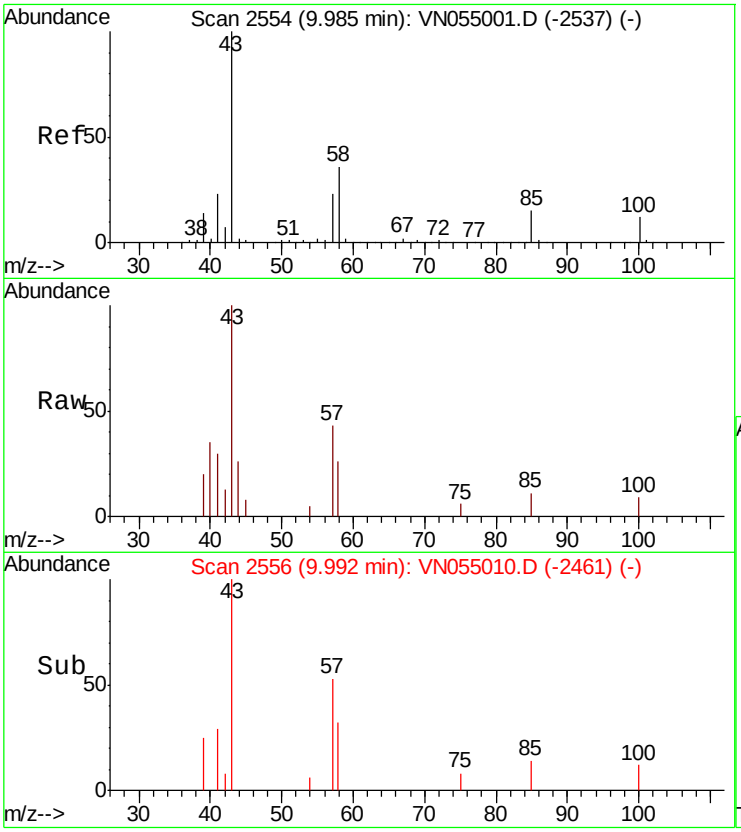


#50
Toluene-d8
Concen: 50.402 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 98 Resp: 1013194

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7



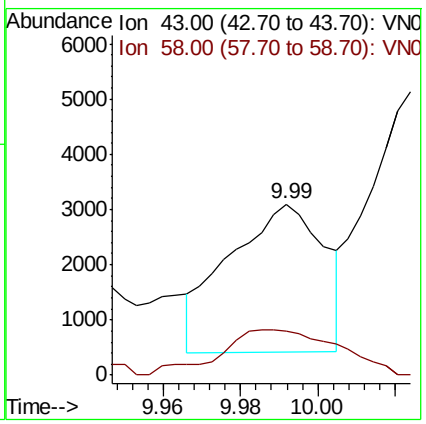


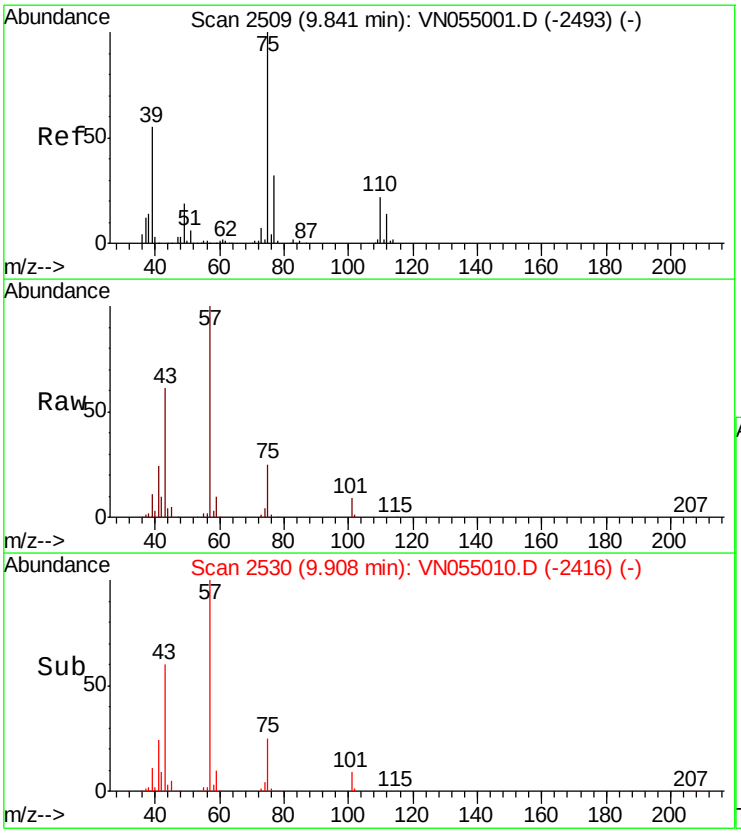
#51
4-Methyl-2-Pentanone
Concen: 0.777 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4633

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.0	43.4

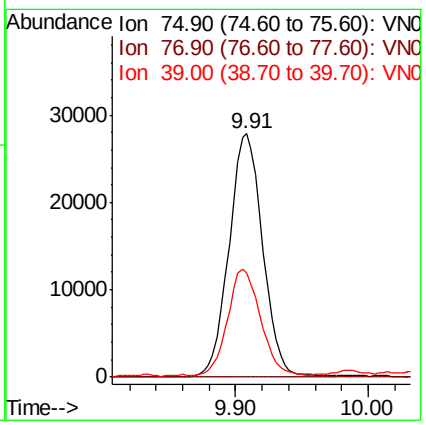


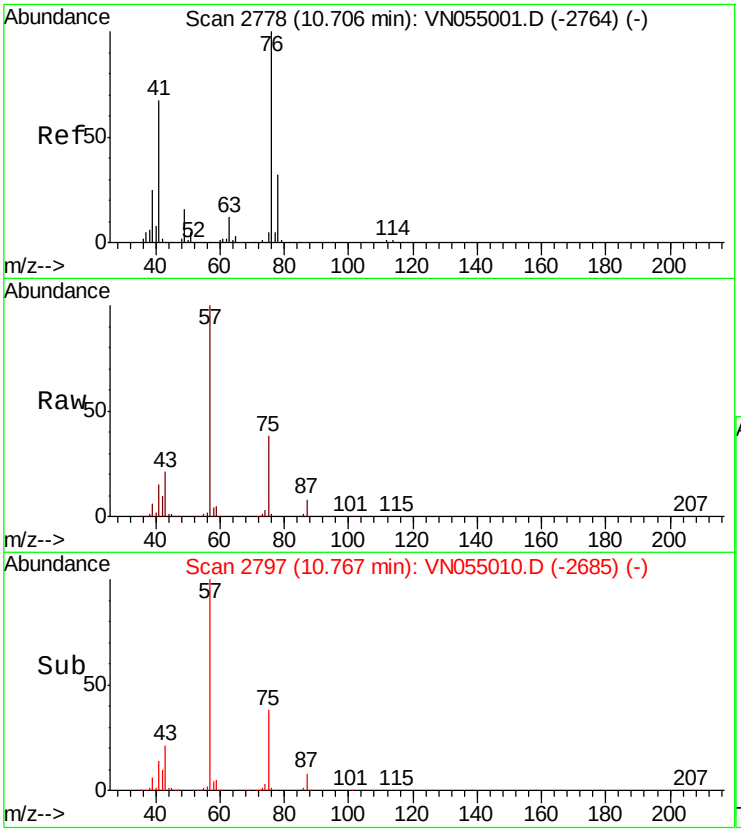


#54
cis-1,3-Dichloropropene
Concen: 5.599 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 75 Resp: 49267

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	41.7	43.8	65.8#



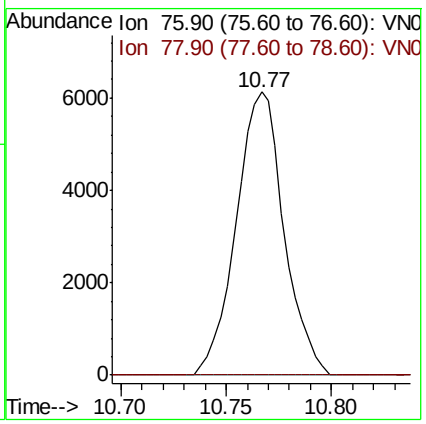


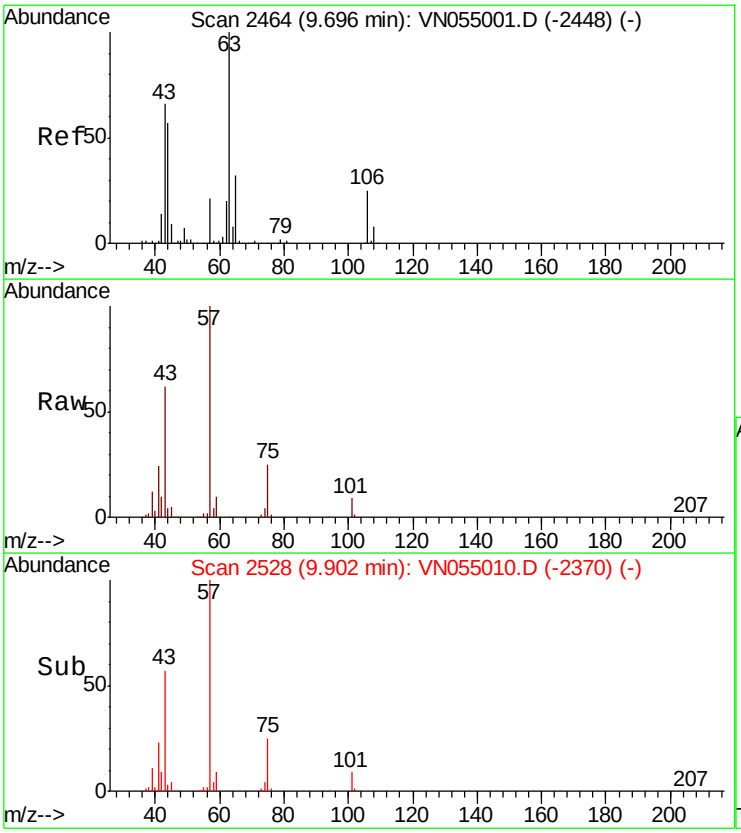
#57
1,3-Dichloropropane
Concen: 1.057 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 9637

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

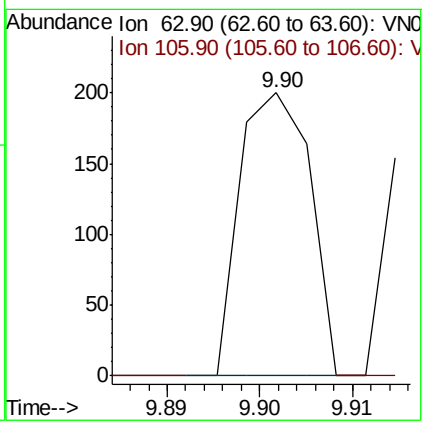


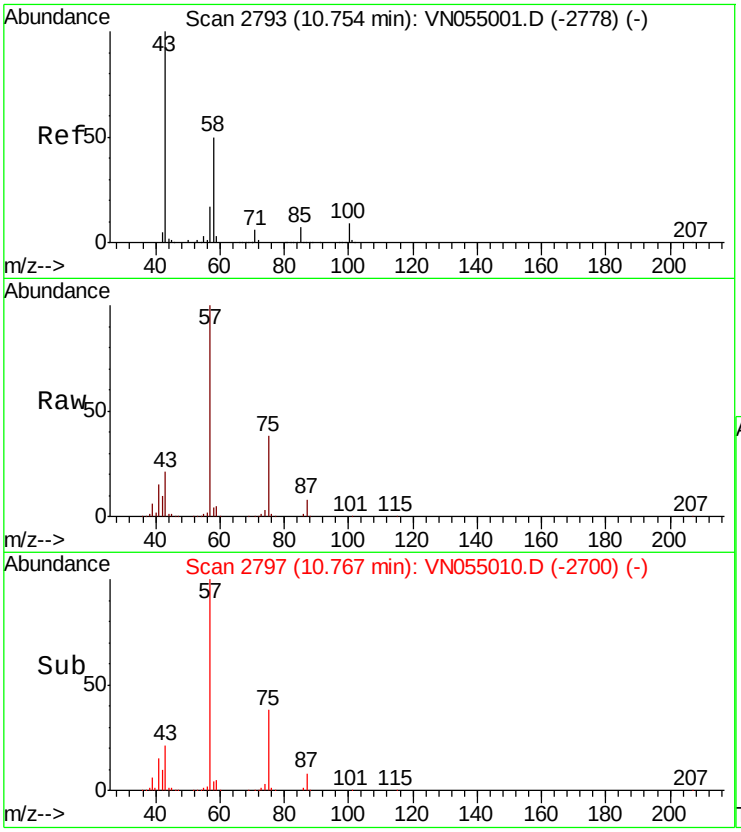


#58
2-Chloroethyl Vinyl ether
Concen: 18.235 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.21 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 63 Resp: 105

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.0	30.0#



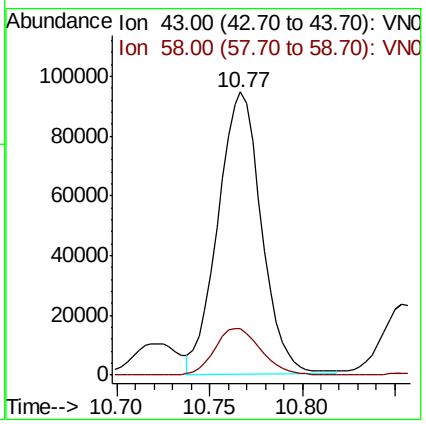


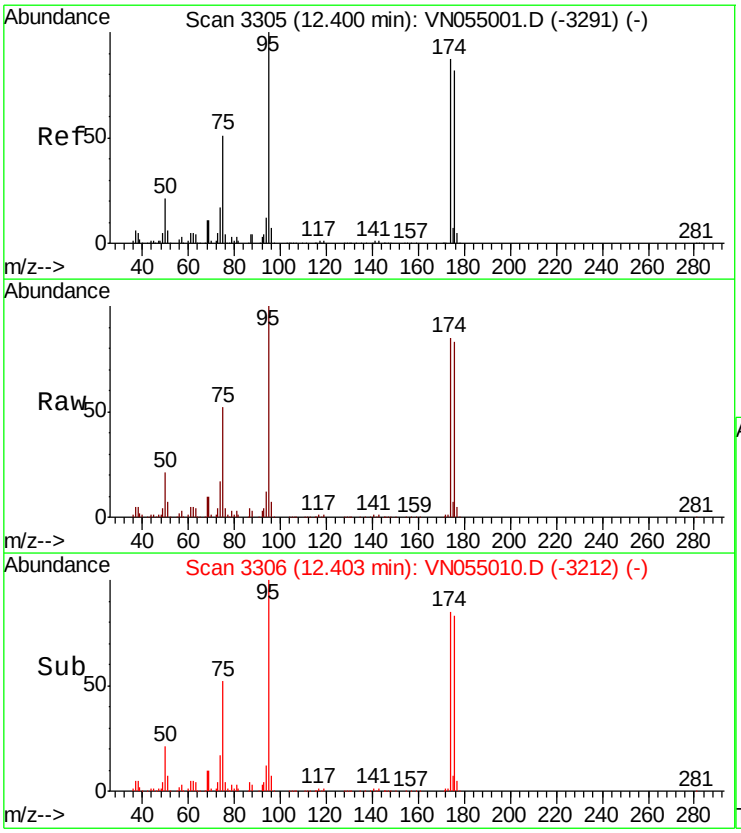
#59
2-Hexanone
Concen: 41.323 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 154007

Ion	Ratio	Lower	Upper
43	100		
58	17.8	25.1	75.2#

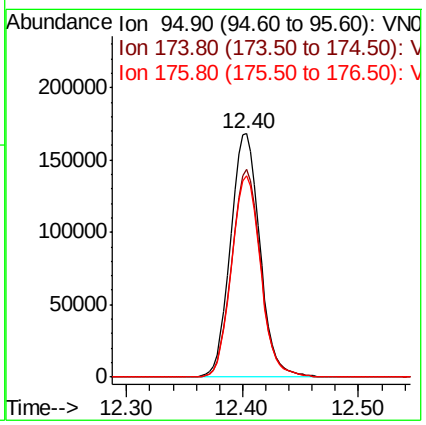


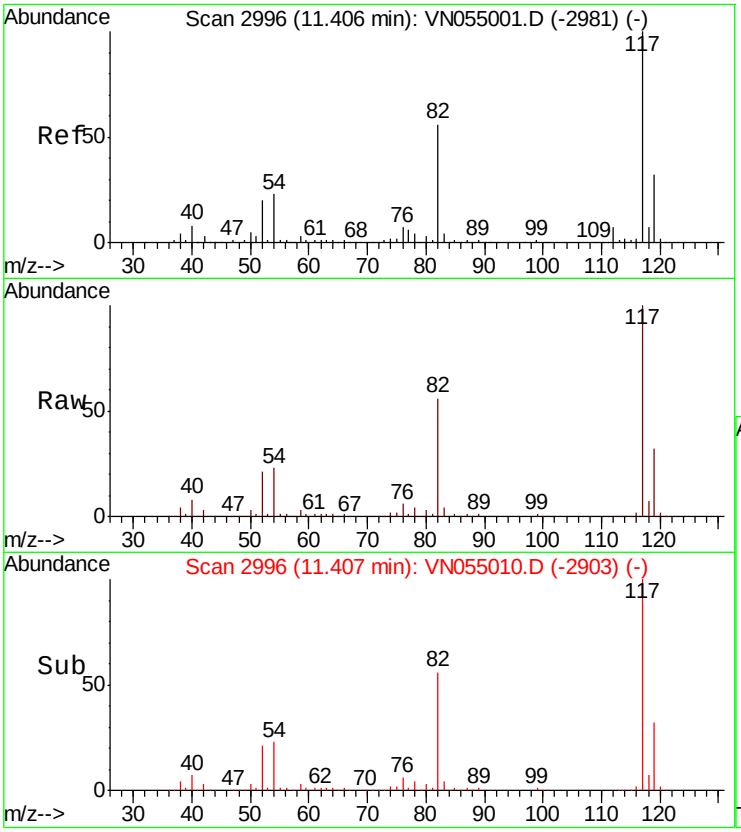


#62
4-Bromofluorobenzene
Concen: 43.380 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 95 Resp: 293741

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	174.4
176	81.9	0.0	166.8



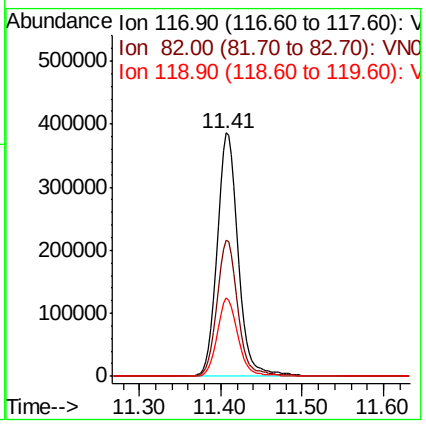


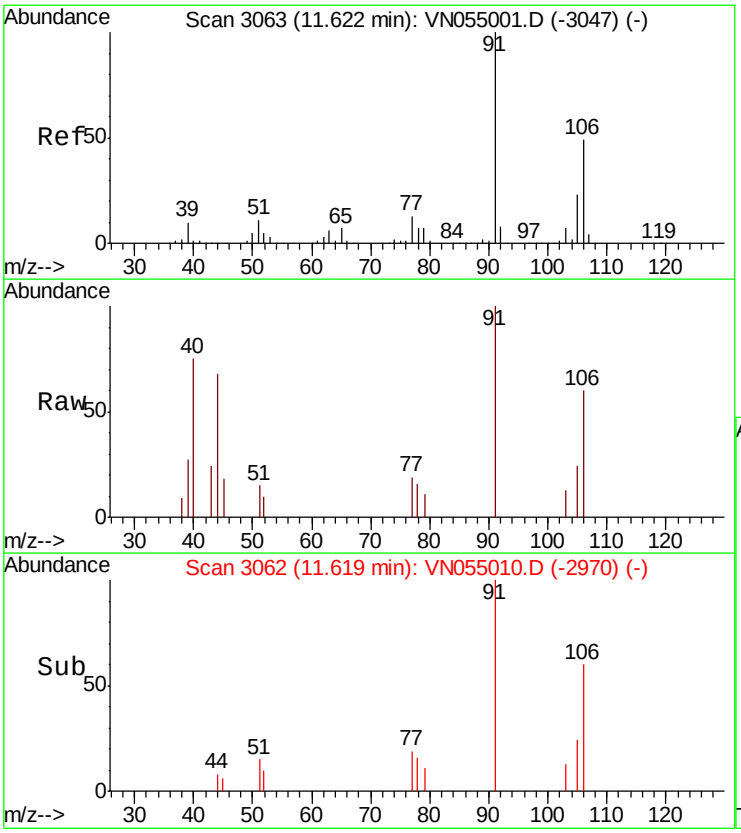
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 706484

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	32.1	25.5	38.3

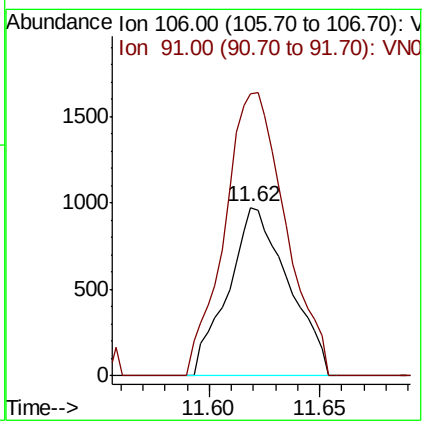


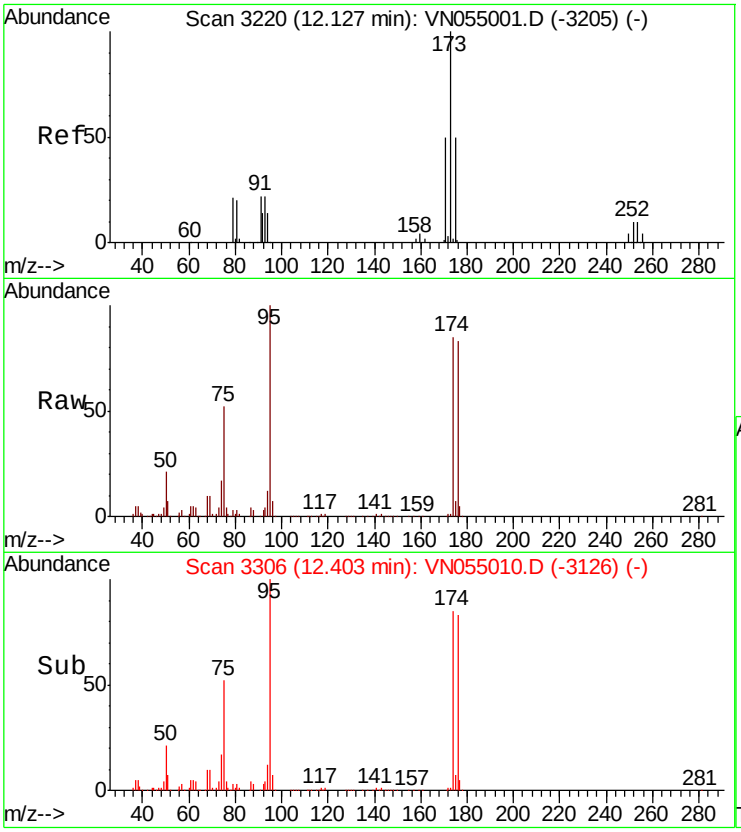


#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:106 Resp: 1848

Ion	Ratio	Lower	Upper
106	100		
91	171.0	165.9	248.9



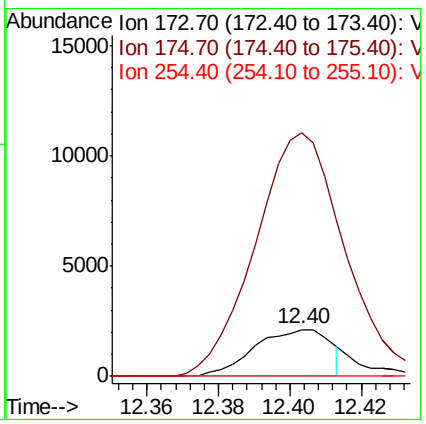


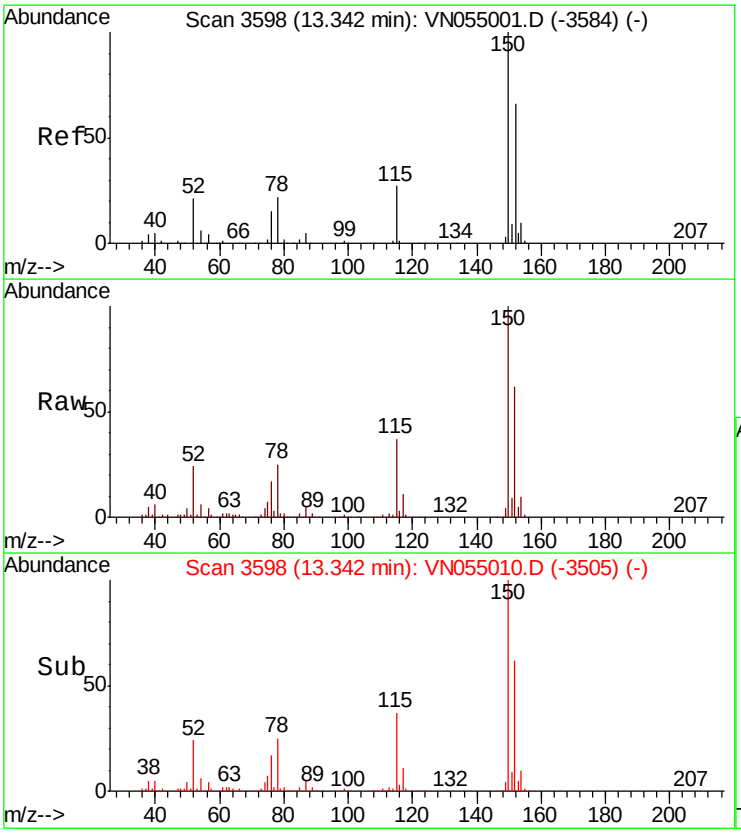
#71
Bromoform
Concen: 3.449 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 3135

Ion	Ratio	Lower	Upper
173	100		
175	509.5	24.3	73.0#
254	0.0	0.1	0.1#

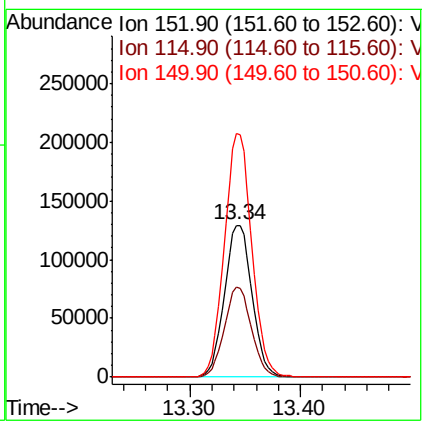


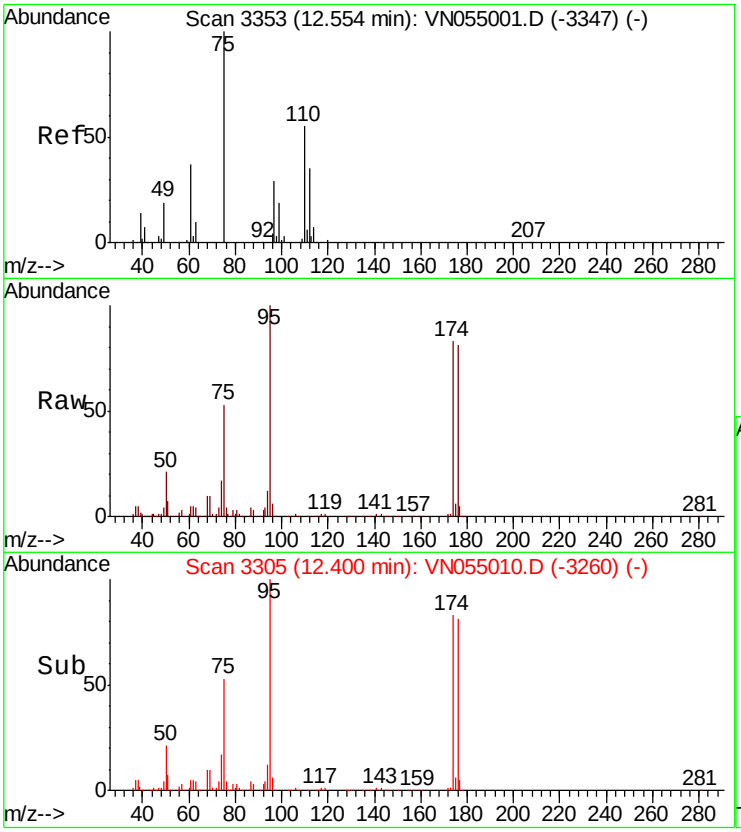


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:152 Resp: 224165

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.5	85.6
150	159.2	0.0	347.2



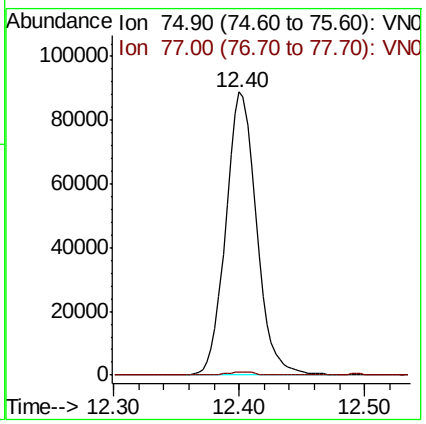


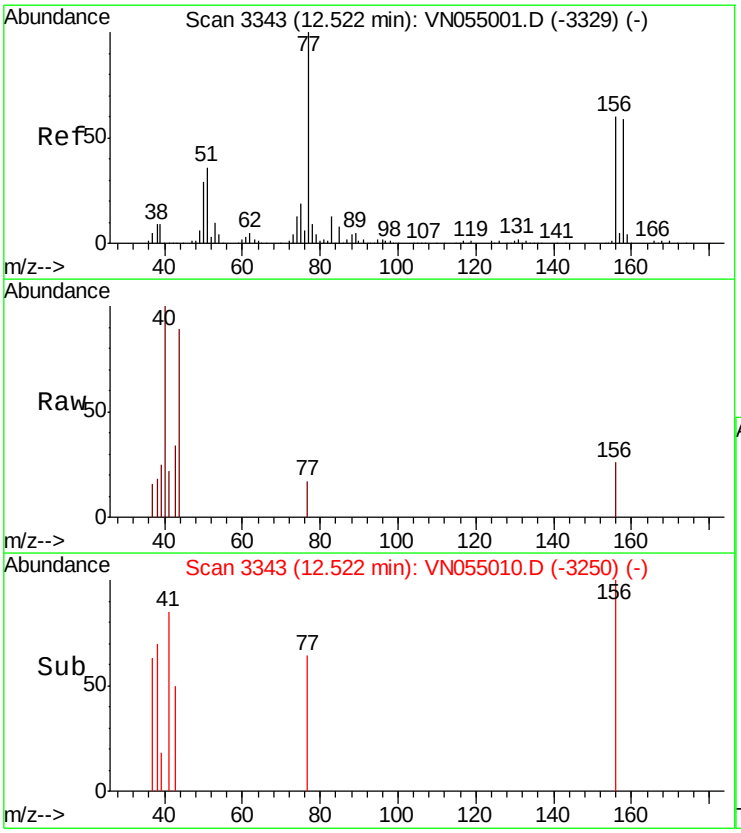
#76
1,2,3-Trichloropropane
Concen: 36.643 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 151118

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

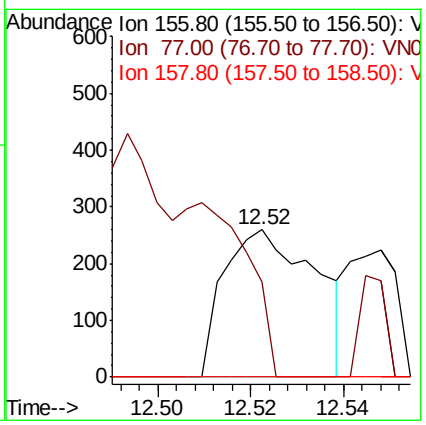


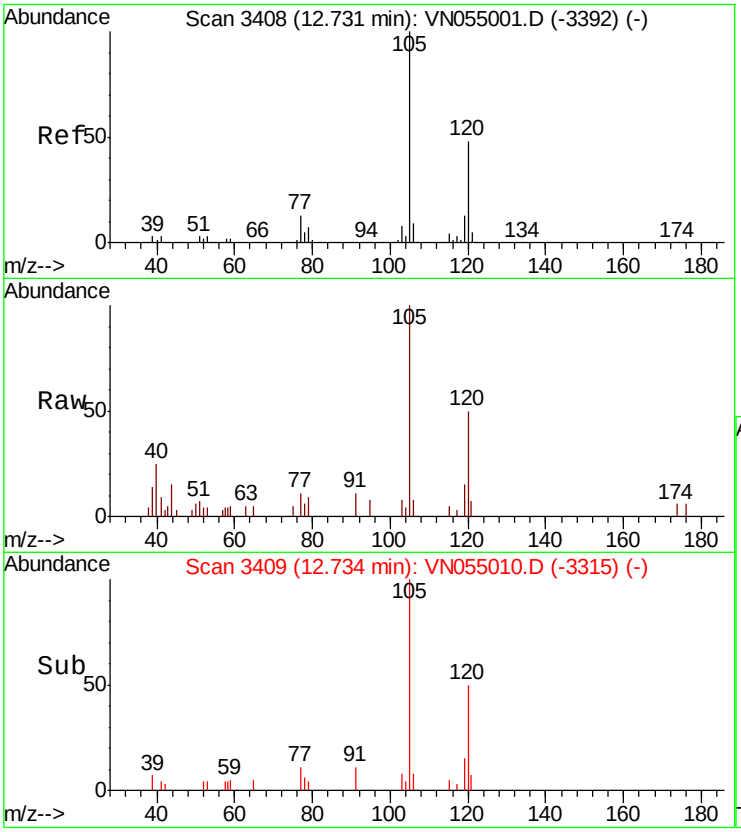


#77
Bromobenzene
Concen: Below Cal
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:156 Resp: 359

Ion	Ratio	Lower	Upper
156	100		
77	0.0	97.2	291.5#
158	0.0	48.6	145.9#



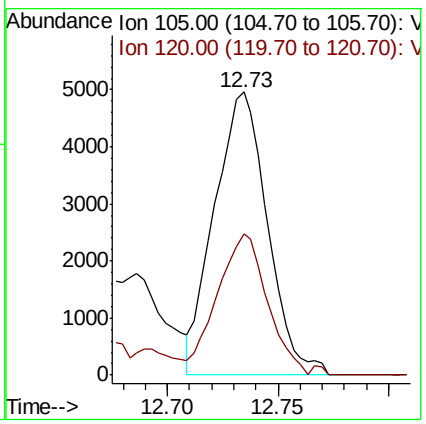


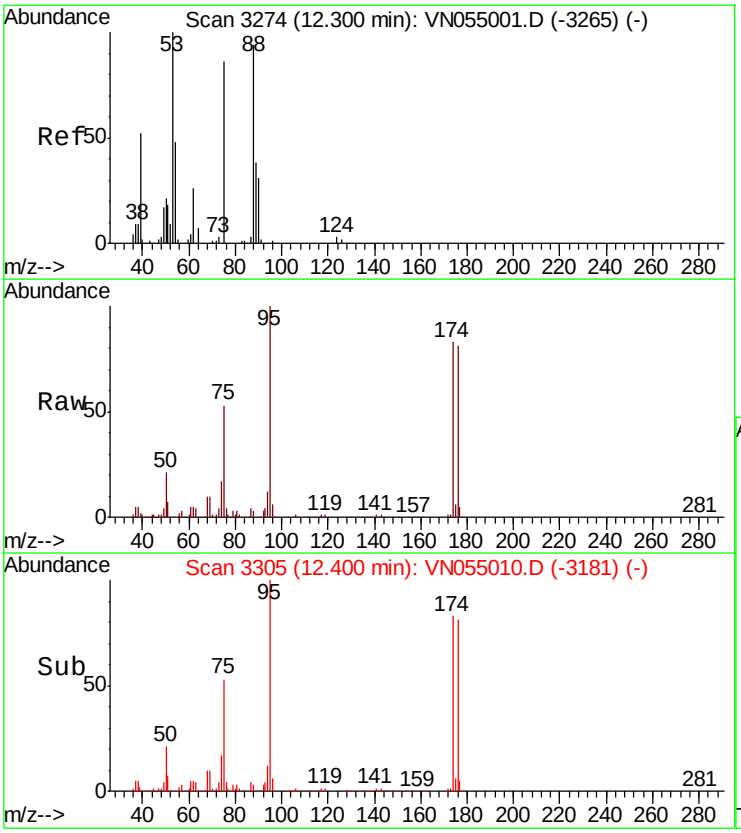
#80
1,3,5-Trimethylbenzene
Concen: 0.533 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 8268

Ion	Ratio	Lower	Upper
105	100		
120	47.0	24.3	72.8

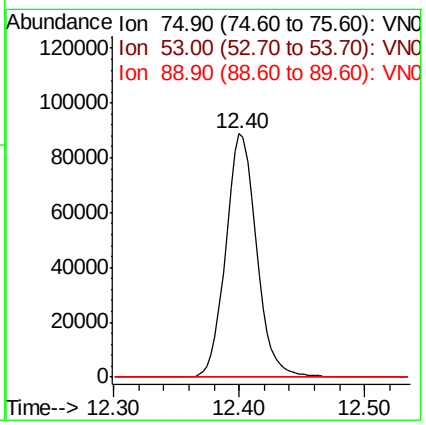


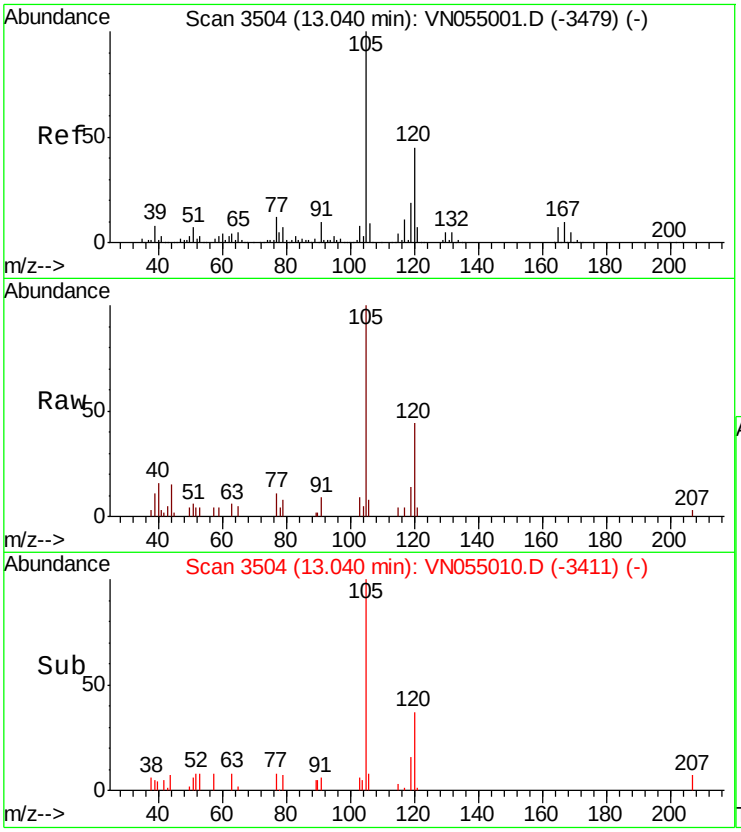


#81
trans-1,4-Dichloro-2-butene
Concen: 151.243 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 75 Resp: 151118

Ion	Ratio	Lower	Upper
75	100		
53	0.0	96.3	144.5#
89	0.0	38.6	57.8#



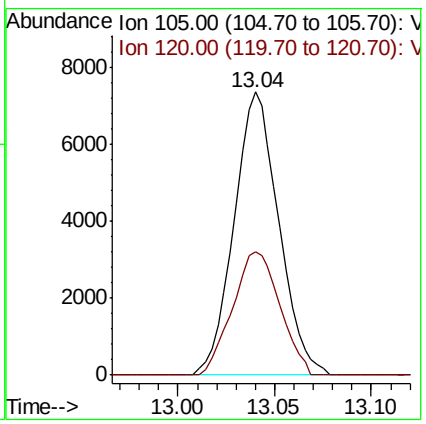


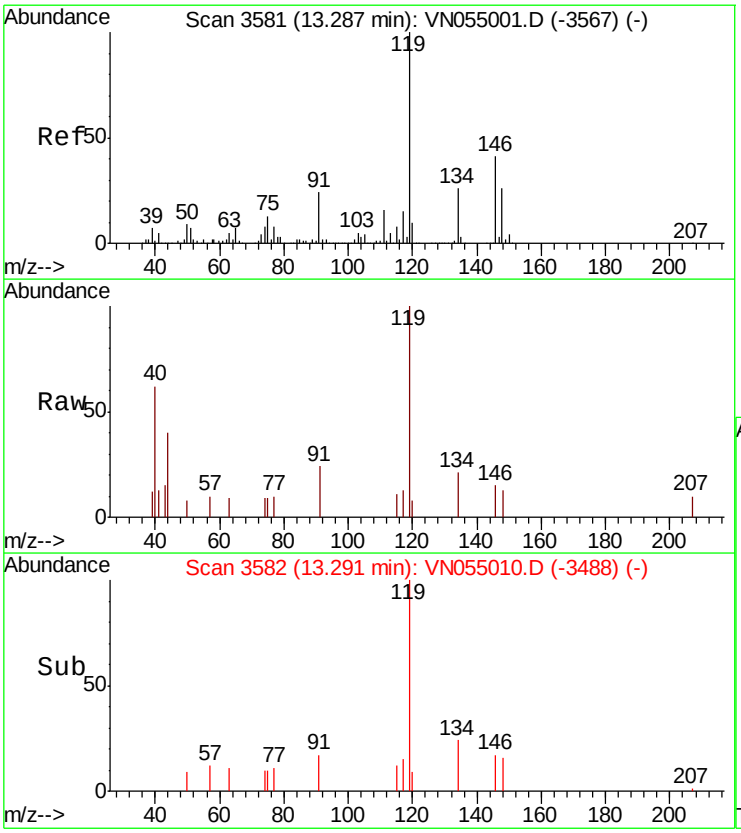
#84
1,2,4-Trimethylbenzene
Concen: 0.795 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 11823

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3

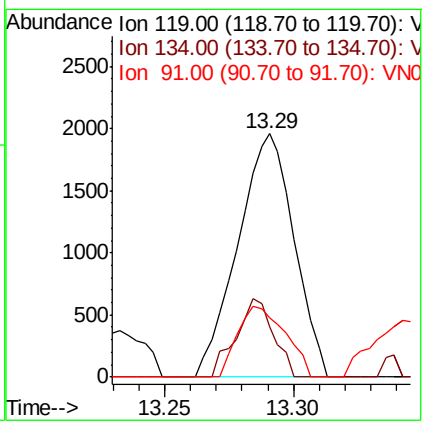


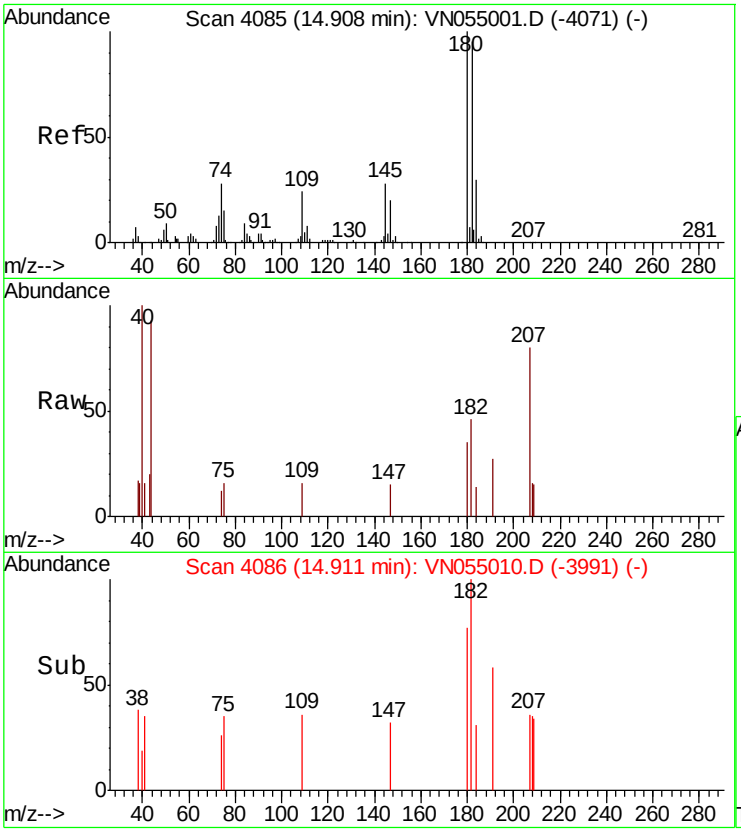


#86
p-Isopropyltoluene
Concen: 0.202 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:119 Resp: 2977

Ion	Ratio	Lower	Upper
119	100		
134	21.4	13.2	39.5
91	24.7	11.7	35.1



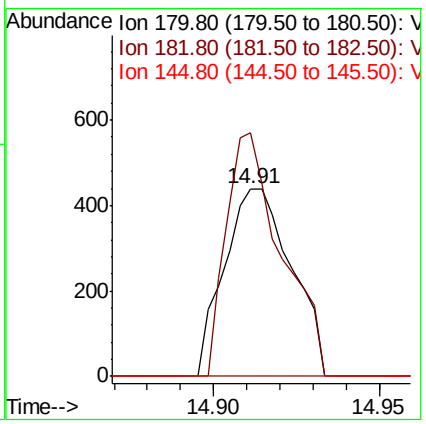


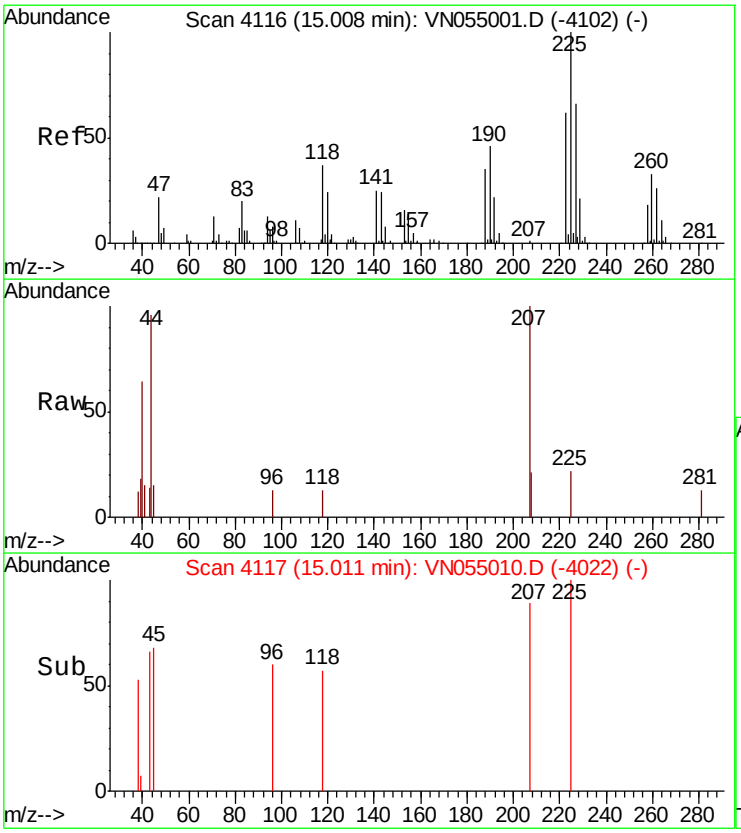
#93
1,2,4-Trichlorobenzene
Concen: 3.688 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 621

Ion	Ratio	Lower	Upper
180	100		
182	106.4	47.5	142.6
145	0.0	14.2	42.8#

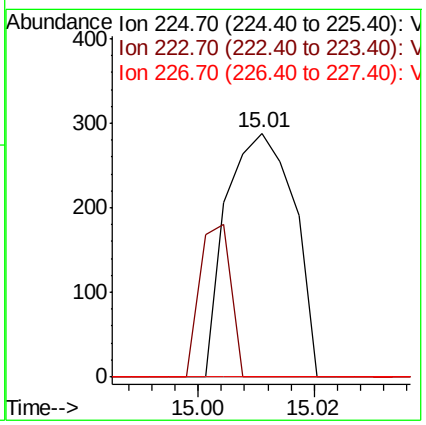


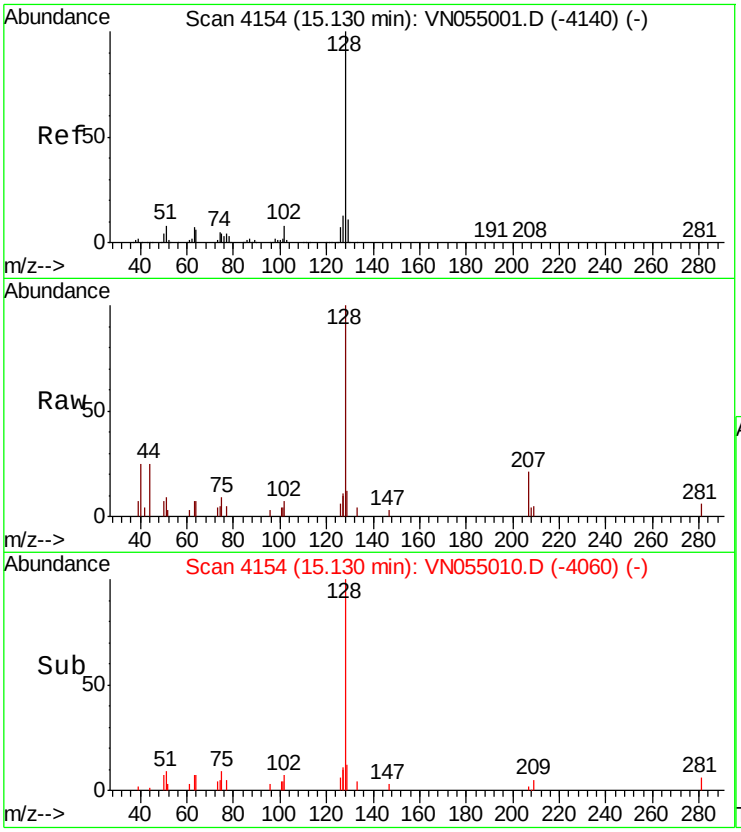


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:225 Resp: 232

Ion	Ratio	Lower	Upper
225	100		
223	28.9	31.4	94.0#
227	0.0	32.6	97.7#



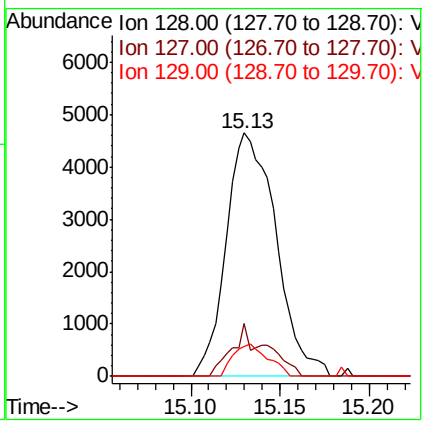


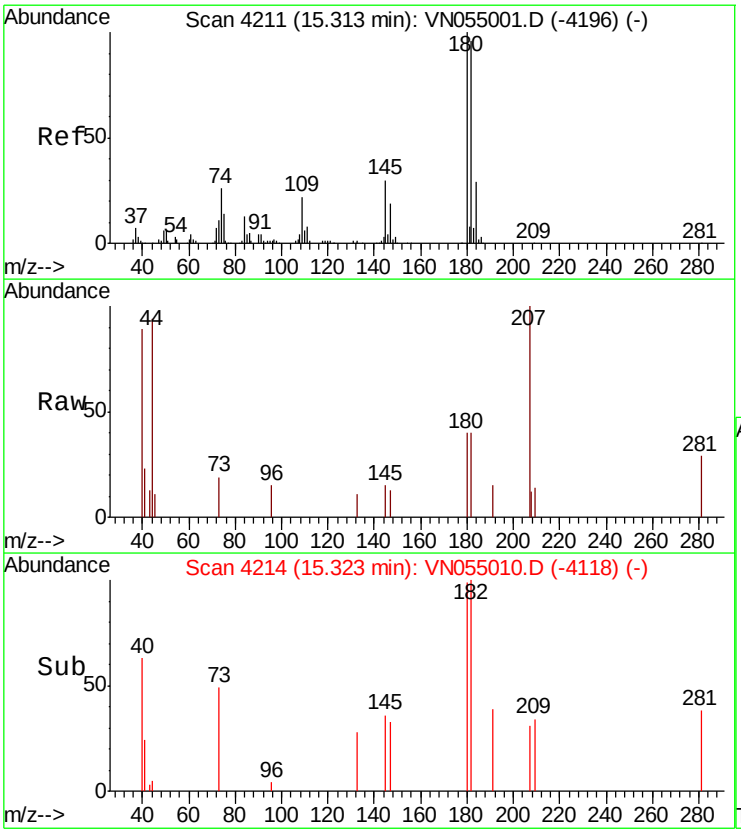
#95
Naphthalene
Concen: 5.630 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9020

Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.1	15.1#
129	9.3	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.256 ug/l
RT: 15.32 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:180 Resp: 854

Ion	Ratio	Lower	Upper
180	100		
182	68.7	48.0	144.0
145	16.2	15.3	45.9