Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054830.D
Acq On : 31 Mar 2019 4:24
Operator : JC/SP
Sample : K2164-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-8

Quant Time: Apr 01 01:40:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	522477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	250807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348783	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.04%			
35) Dibromofluoromethane	7.59	113	276688	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
50) Toluene-d8	10.09	98	1011554	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.40	95	305026	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	349795	66.188	ug/l	98
3) Chloromethane	2.03	50	42985	5.882	ug/l #	43
4) Vinyl Chloride	2.03	62	13552	2.065	ug/l #	1
11) Tert butyl alcohol	4.83	59	1048	2.856	ug/l #	70
13) Acrolein	3.62	56	218	0.665	ug/l #	14
15) Acrylonitrile	5.07	53	4601	2.256	ug/l #	19
16) Acetone	3.83	43	5749	3.423	ug/l	93
17) Carbon Disulfide	4.04	76	6379	0.479	ug/l #	91
18) Methyl Acetate	4.35	43	858	Below Cal	#	56
19) Methyl tert-butyl Ether	5.06	73	300988	20.951	ug/l	94
25) 2-Butanone	6.86	43	874	0.352	ug/l #	46
29) Tetrahydrofuran	7.23	42	3829	2.221	ug/l #	84
31) Cyclohexane	7.66	56	11523	Below Cal	#	10
36) 1,1-Dichloropropene	7.66	75	40493	5.142	ug/l #	47
38) Carbon Tetrachloride	7.67	117	50015	6.540	ug/l #	16
40) Benzene	8.05	78	9074	0.403	ug/l	95
41) Methacrylonitrile	7.23	41	5172	1.594	ug/l #	27
43) Isopropyl Acetate	8.24	43	8504	0.906	ug/l #	53
52) Toluene	10.16	92	10629	0.793	ug/l	96
67) Ethyl Benzene	11.51	91	15031	0.603	ug/l	100
68) m/p-Xylenes	11.62	106	10387	1.126	ug/l	96
69) o-Xylene	11.95	106	5214	0.576	ug/l	92
70) Styrene	11.96	104	8465	0.585	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.40	83	321	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	159078	36.510	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	159078	142.015	ug/l #	11
83) tert-Butylbenzene	13.05	119	1089	Below Cal	#	63
84) 1,2,4-Trimethylbenzene	13.04	105	8575	0.535	ug/l	94
95) Naphthalene	15.14	128	2828	0.313	ug/l #	69

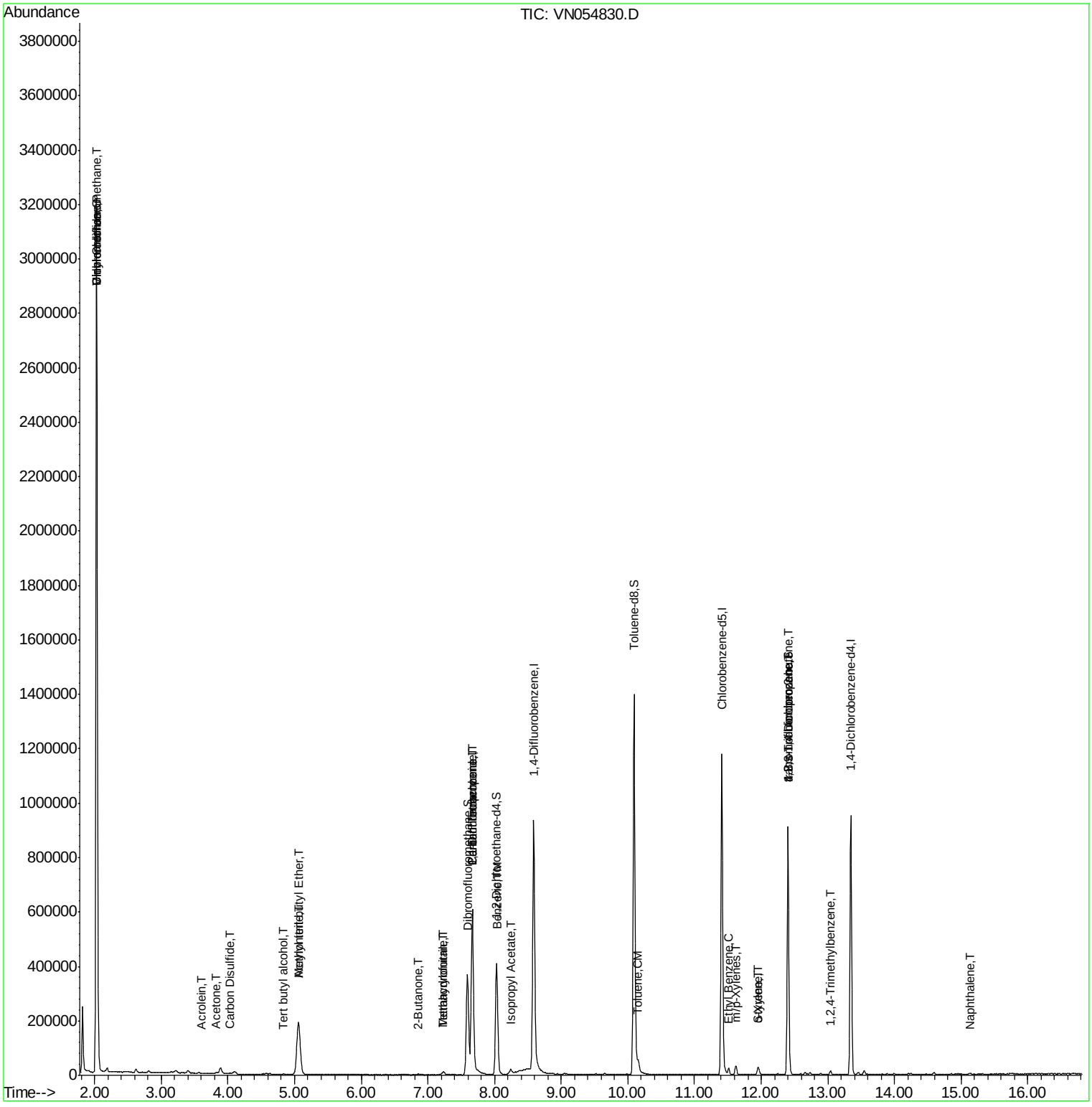
(#) = qualifier out of range (m) = manual integration (+) = signals summed

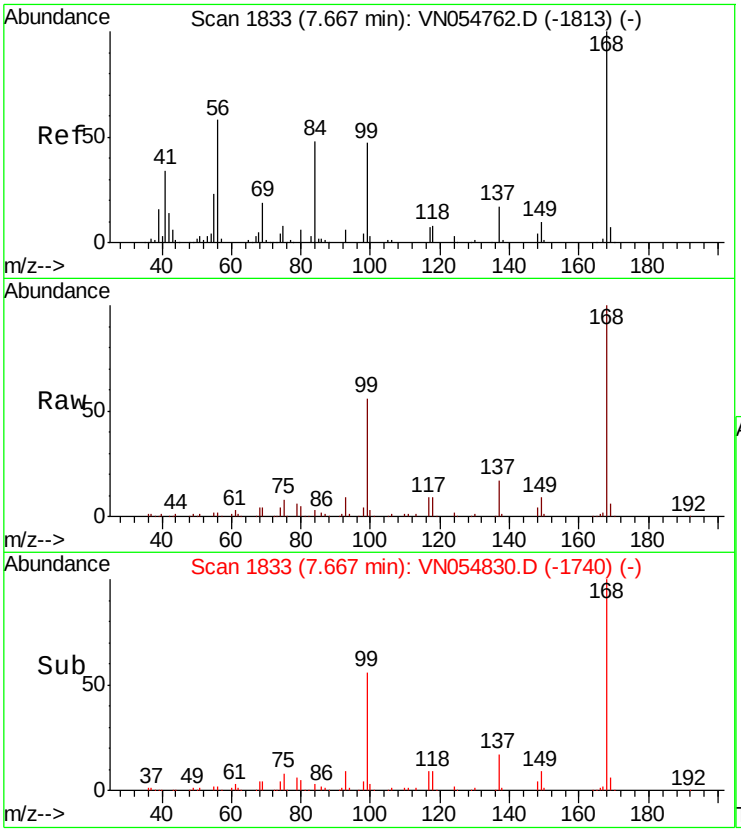
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054830.D
Acq On : 31 Mar 2019 4:24
Operator : JC/SP
Sample : K2164-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Quant Time: Apr 01 01:40:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



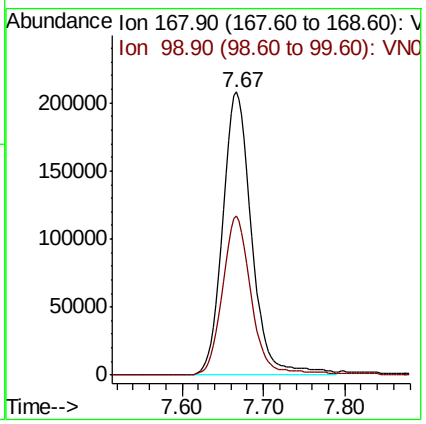


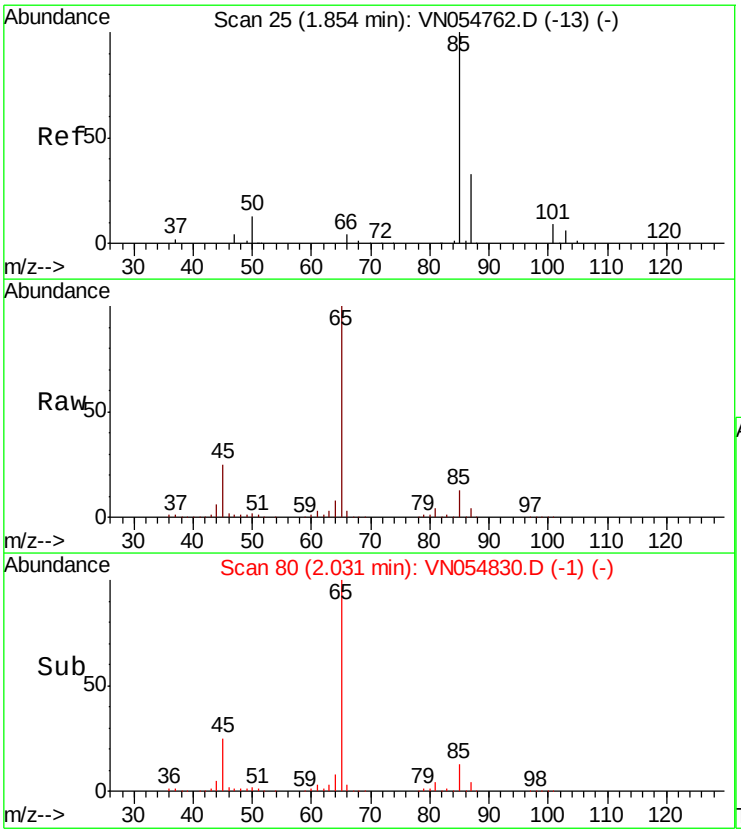
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:168 Resp: 522477

Ion	Ratio	Lower	Upper
168	100		
99	56.2	37.1	55.7#

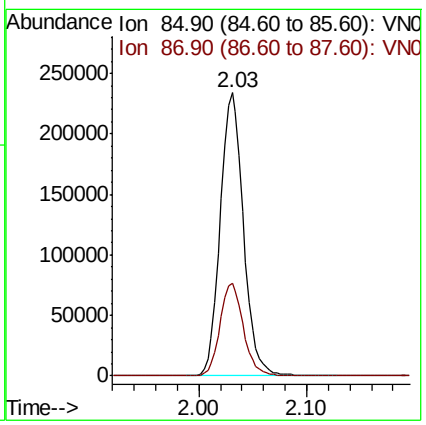


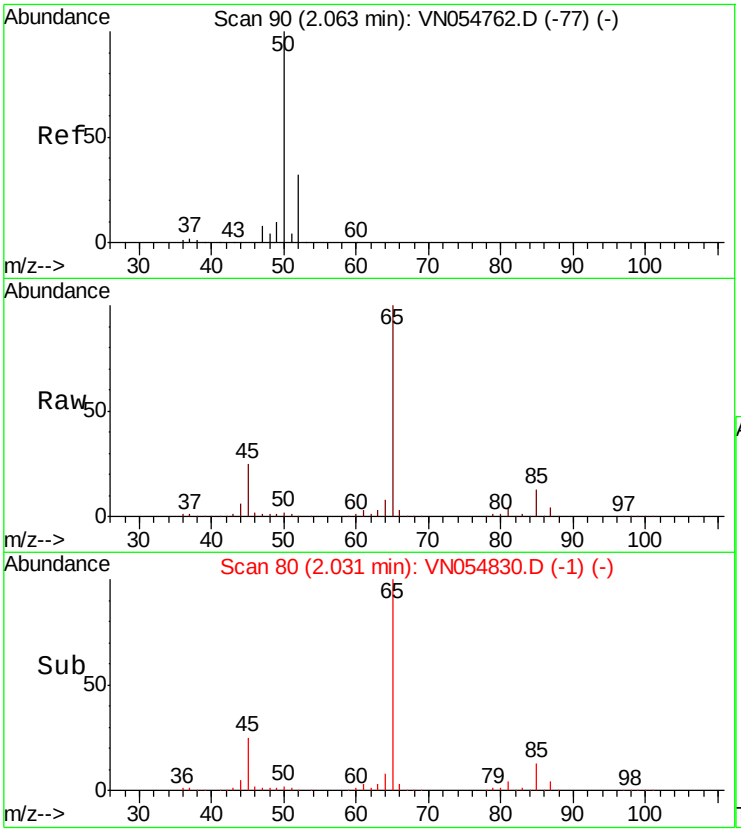


#2
Dichlorodifluoromethane
Concen: 66.188 ug/l
RT: 2.03 min Scan# 80
Delta R.T. 0.18 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 85 Resp: 349795

Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.9	47.7



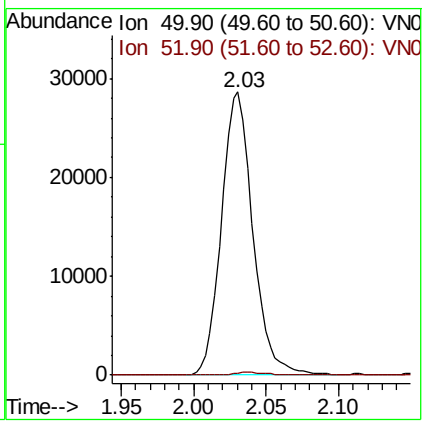


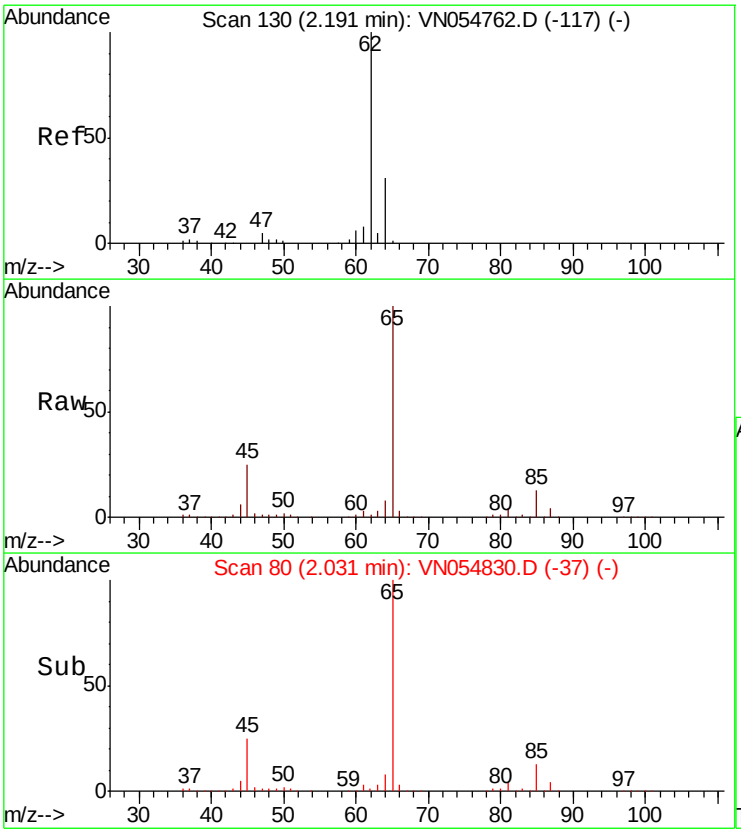
#3
Chloromethane
Concen: 5.882 ug/l
RT: 2.03 min Scan# 80
Delta R.T. -0.03 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion: 50 Resp: 42985

Ion	Ratio	Lower	Upper
50	100		
52	0.8	26.4	39.6#

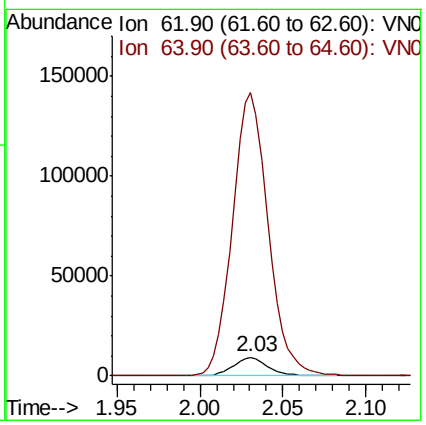


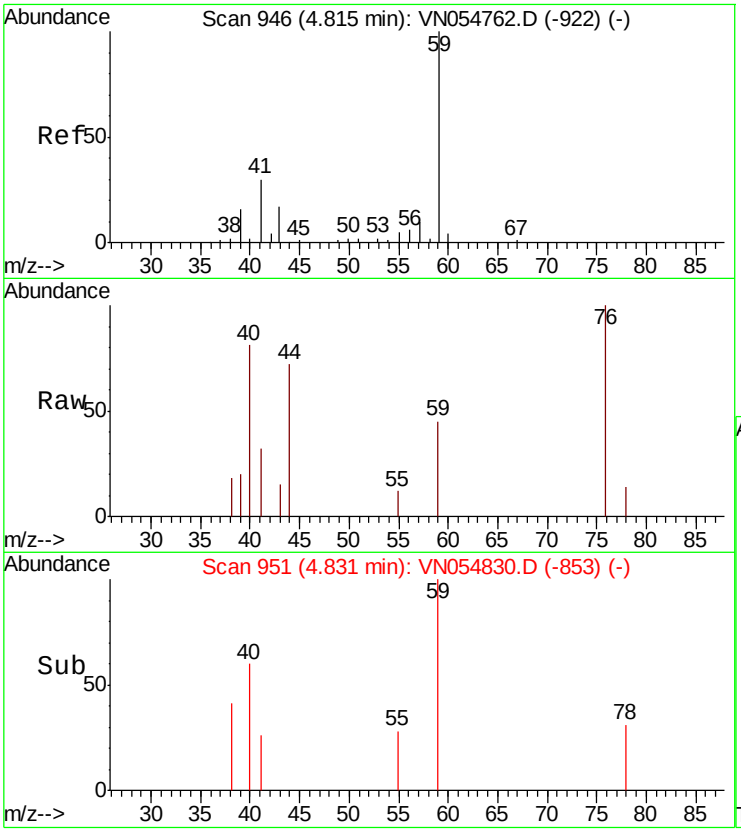


#4
Vinyl Chloride
Concen: 2.065 ug/l
RT: 2.03 min Scan# 80
Delta R.T. -0.16 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 62 Resp: 13552

Ion	Ratio	Lower	Upper
62	100		
64	1538.4	25.5	38.3#



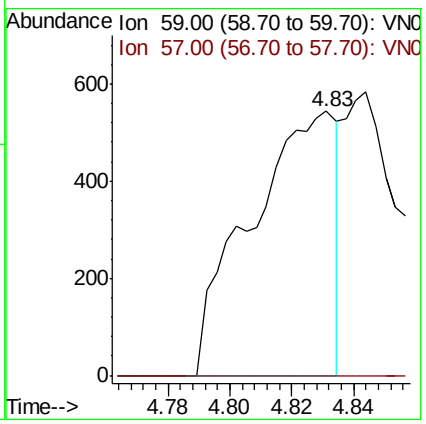


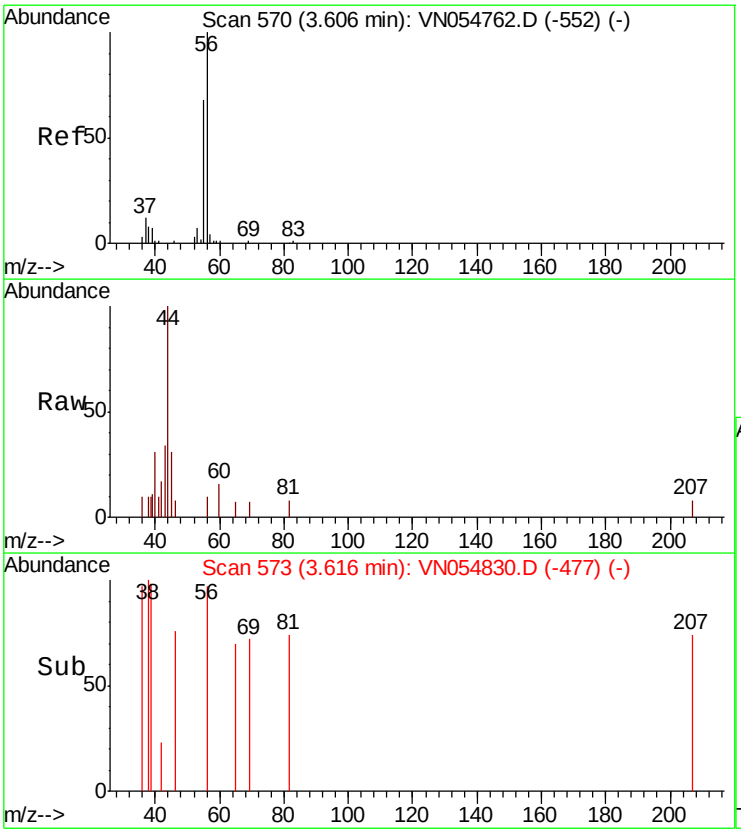
#11
Tert butyl alcohol
Concen: 2.856 ug/l
RT: 4.83 min Scan# 951
Delta R.T. 0.02 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion: 59 Resp: 1048

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

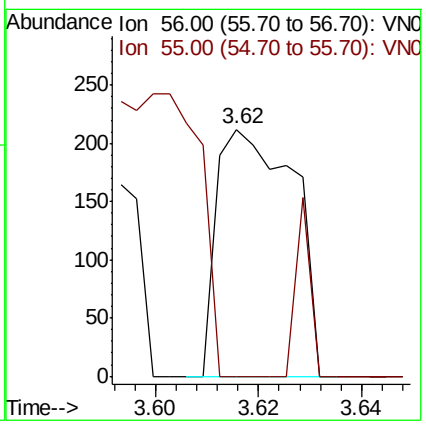


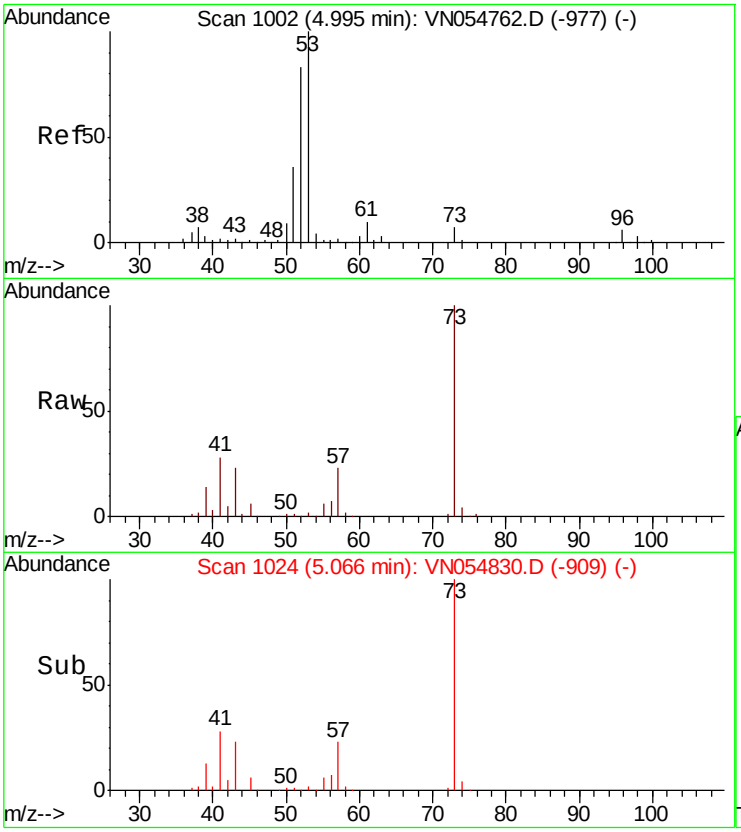


#13
Acrolein
Concen: 0.665 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 56 Resp: 218

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



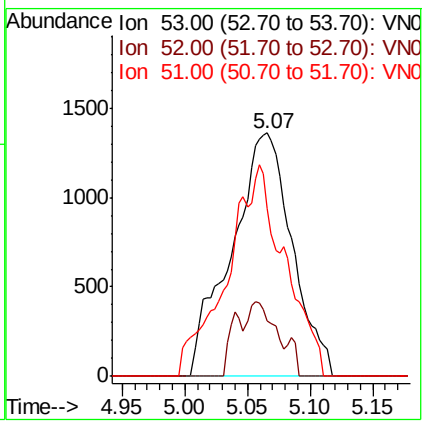


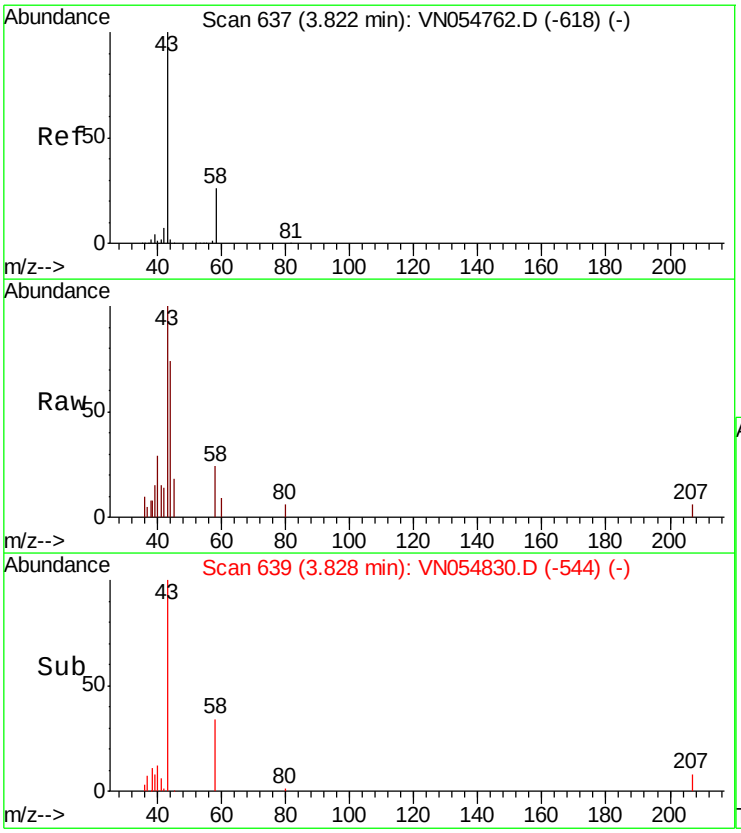
#15
Acrylonitrile
Concen: 2.256 ug/l
RT: 5.07 min Scan# 1024
Delta R.T. 0.07 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 53 Resp: 4601

Ion	Ratio	Lower	Upper
53	100		
52	8.7	66.4	99.6#
51	82.5	29.6	44.4#

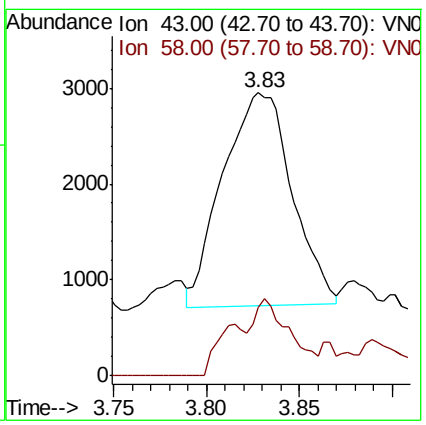


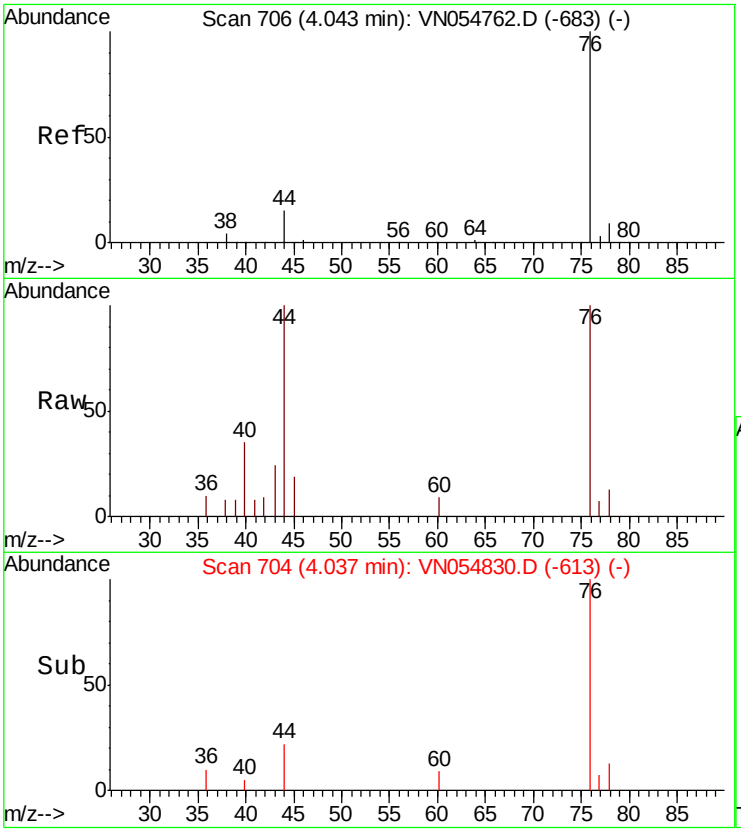


#16
Acetone
Concen: 3.423 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 43 Resp: 5749

Ion	Ratio	Lower	Upper
43	100		
58	33.4	29.9	44.9



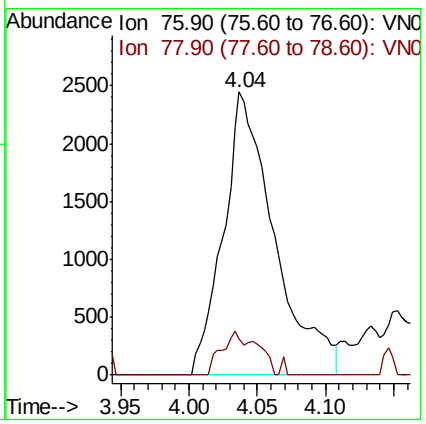


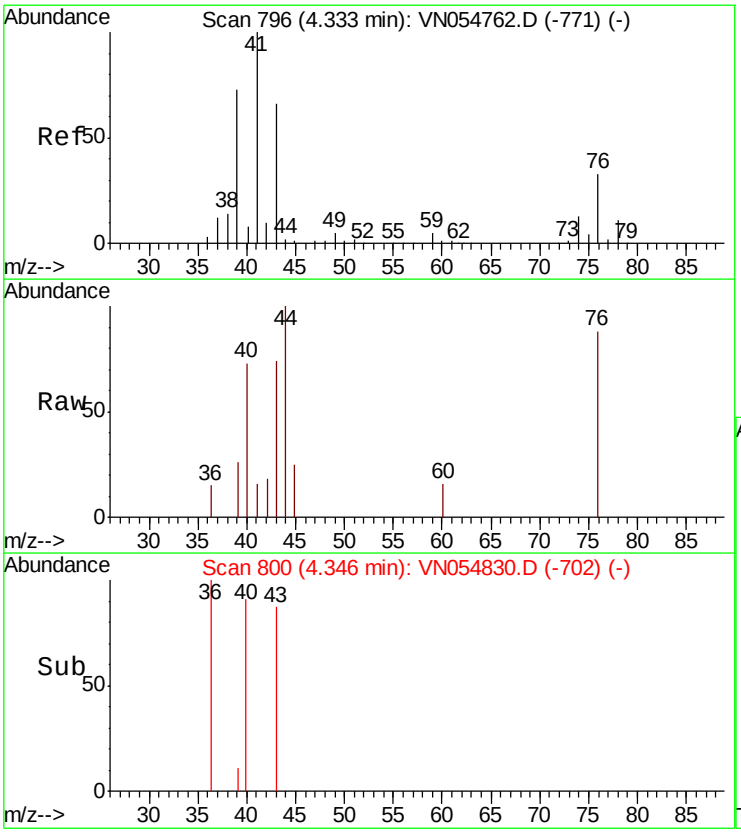
#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 76 Resp: 6379

Ion	Ratio	Lower	Upper
76	100		
78	12.8	7.5	11.3#

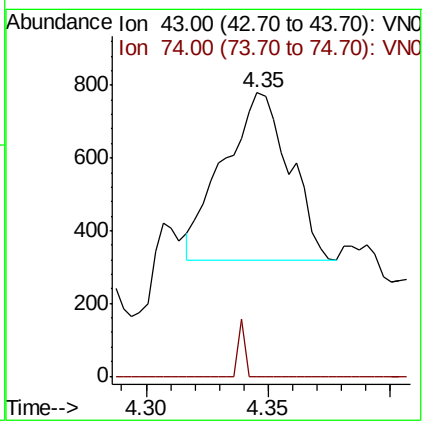


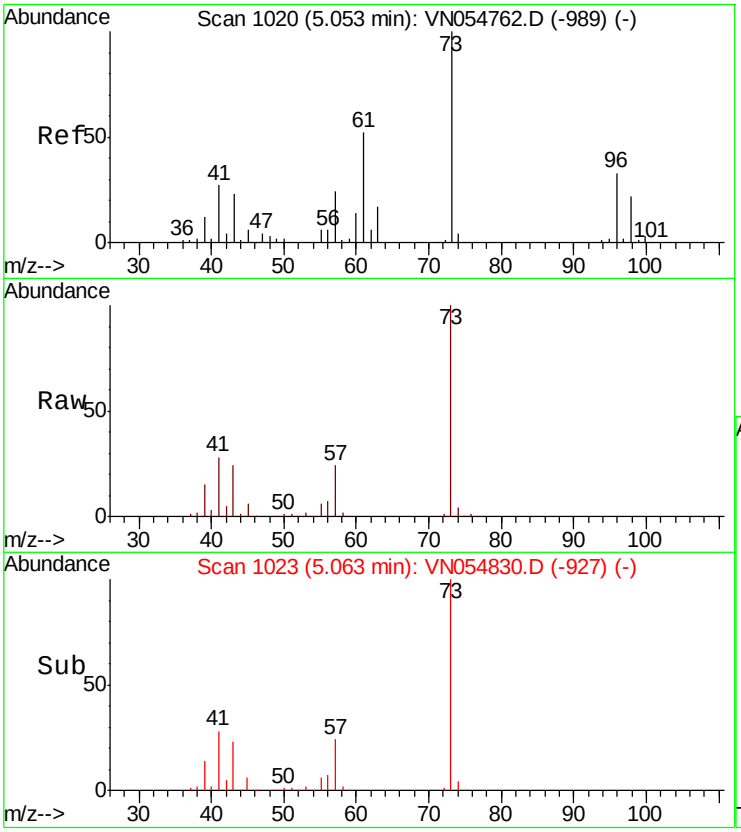


#18
Methyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 800
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 43 Resp: 858

Ion	Ratio	Lower	Upper
43	100		
74	3.5	20.8	31.2#



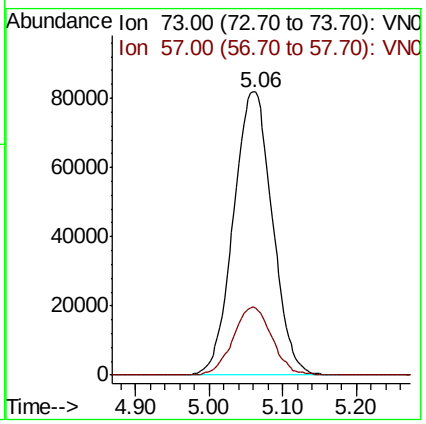


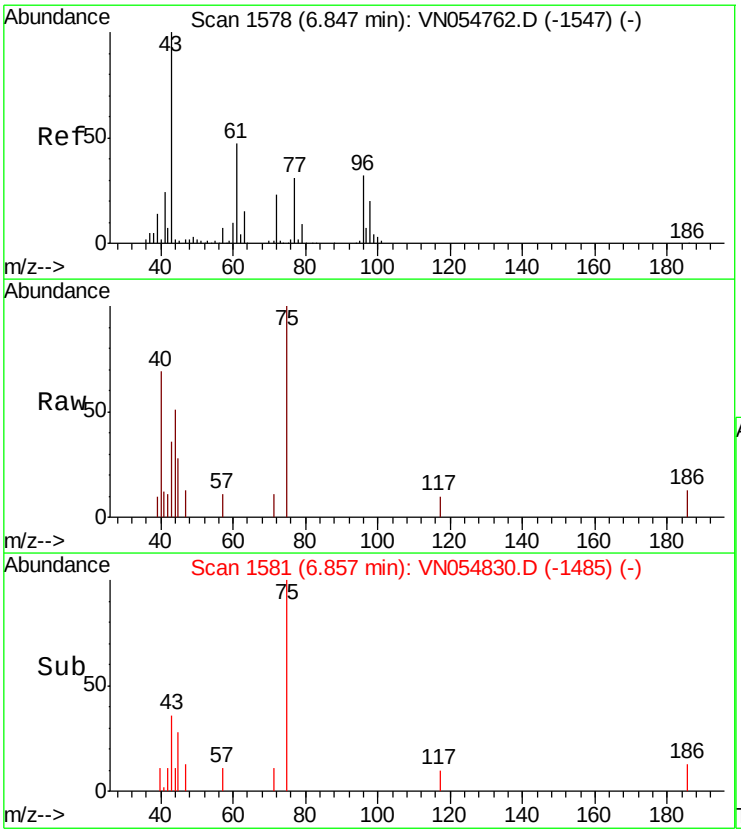
#19
Methyl tert-butyl Ether
Concen: 20.951 ug/l
RT: 5.06 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion: 73 Resp: 300988

Ion	Ratio	Lower	Upper
73	100		
57	23.6	16.8	25.2

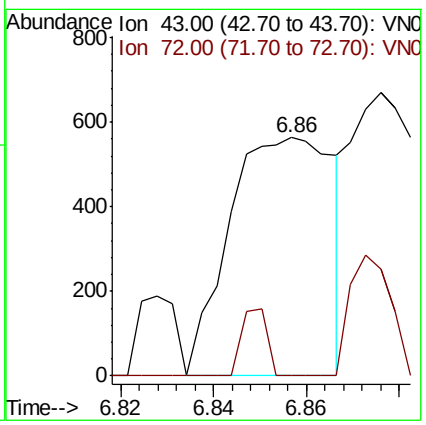


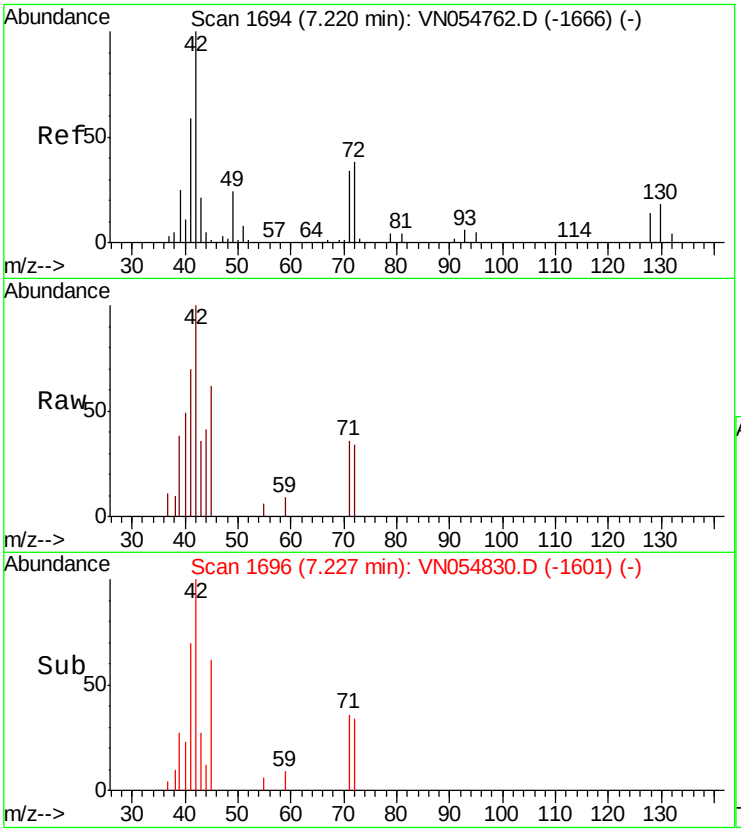


#25
2-Butanone
Concen: 0.352 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 43 Resp: 874

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#



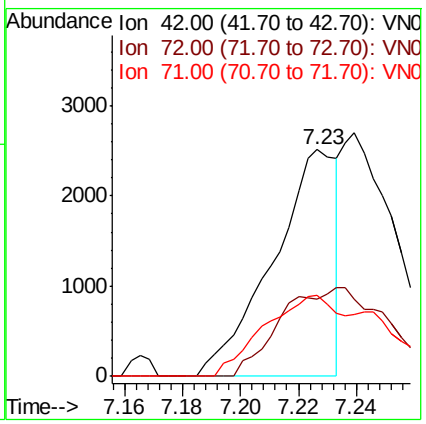


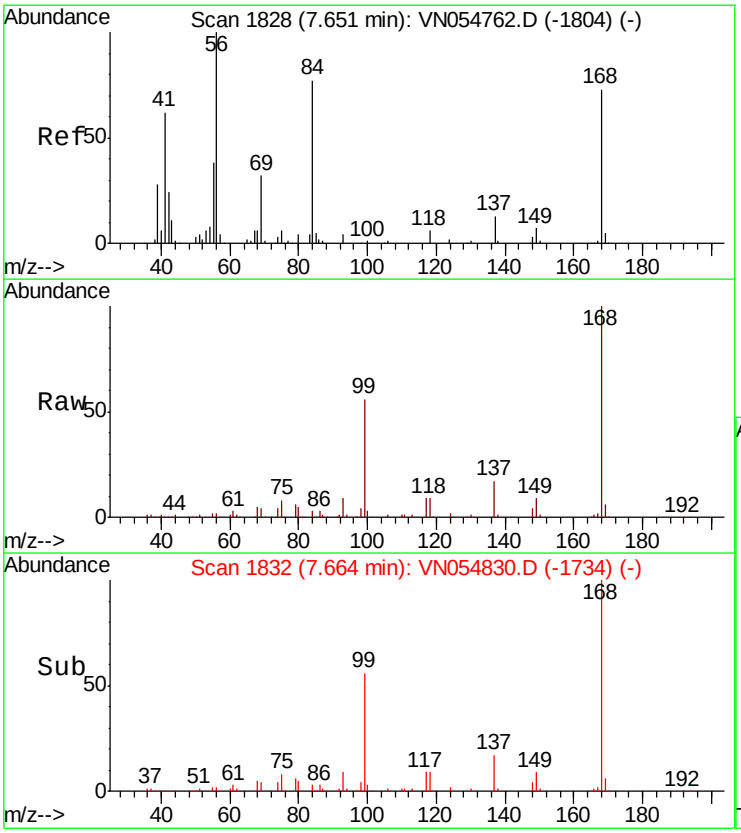
#29
Tetrahydrofuran
Concen: 2.221 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 42 Resp: 3829

Ion	Ratio	Lower	Upper
42	100		
72	65.7	37.8	56.6#
71	42.2	36.2	54.2

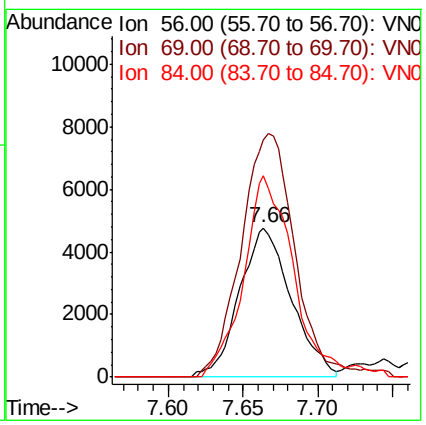


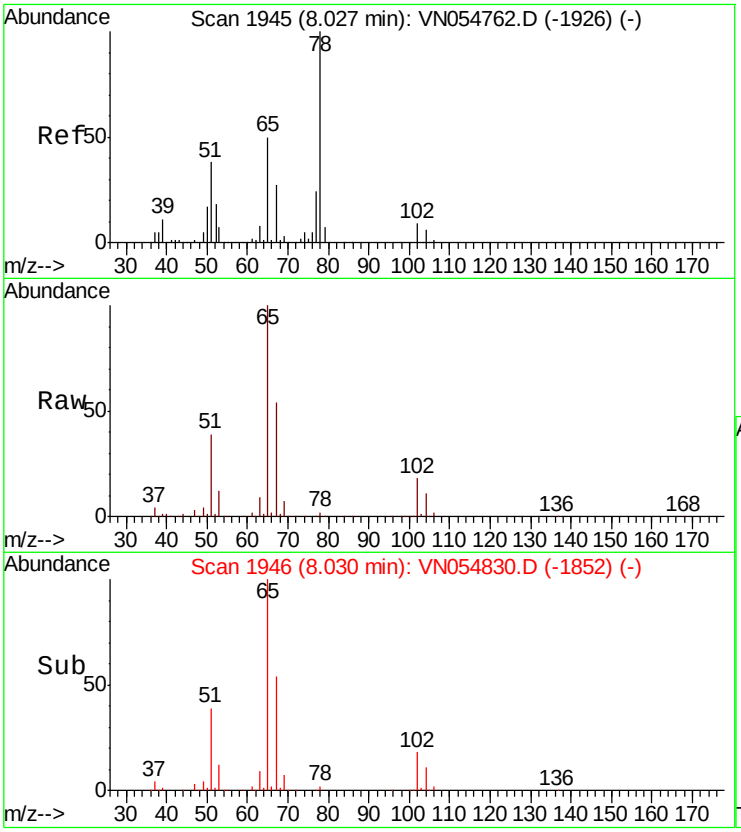


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 56 Resp: 11523

Ion	Ratio	Lower	Upper
56	100		
69	158.5	27.8	41.6#
84	135.1	74.6	111.8#



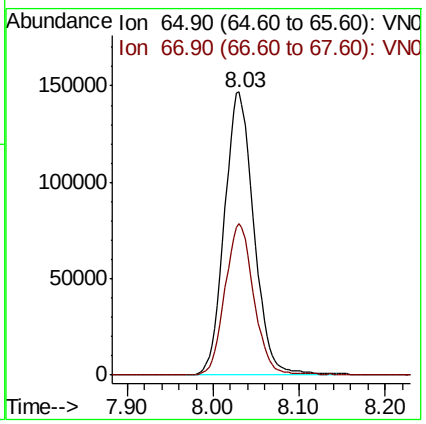


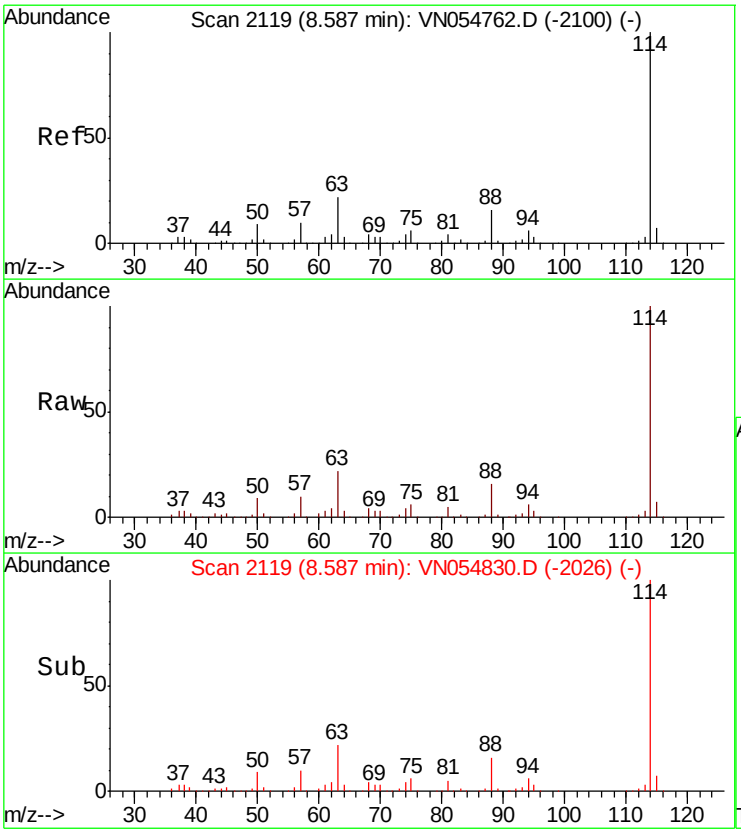
#33
1,2-Dichloroethane-d4
Concen: 49.521 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 65 Resp: 348783

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

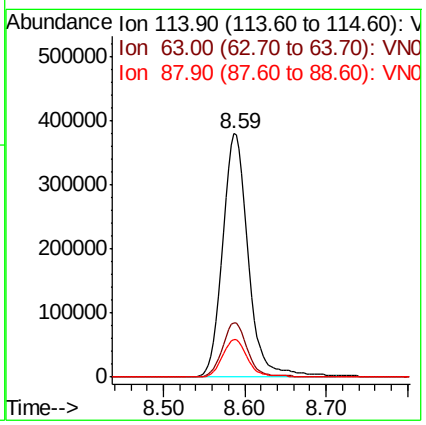


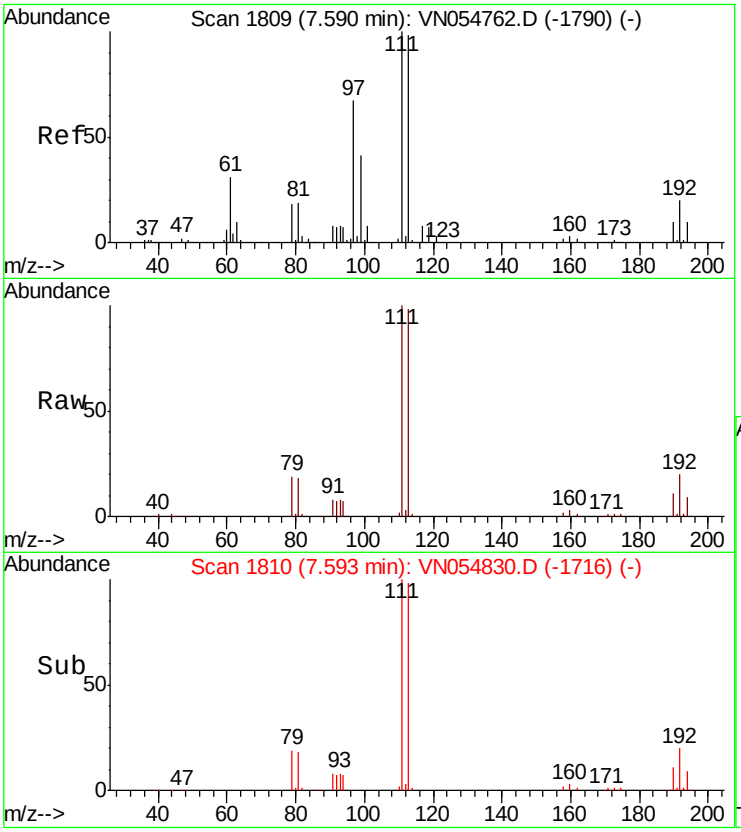


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:114 Resp: 845055

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.2
88	15.6	0.0	30.2



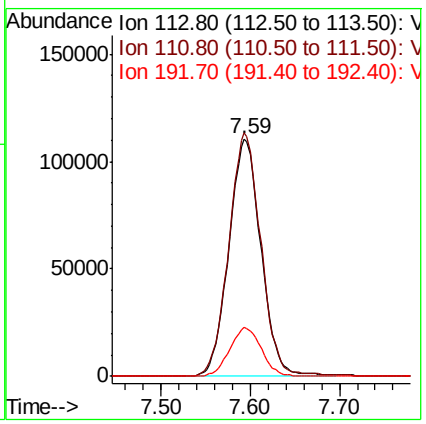


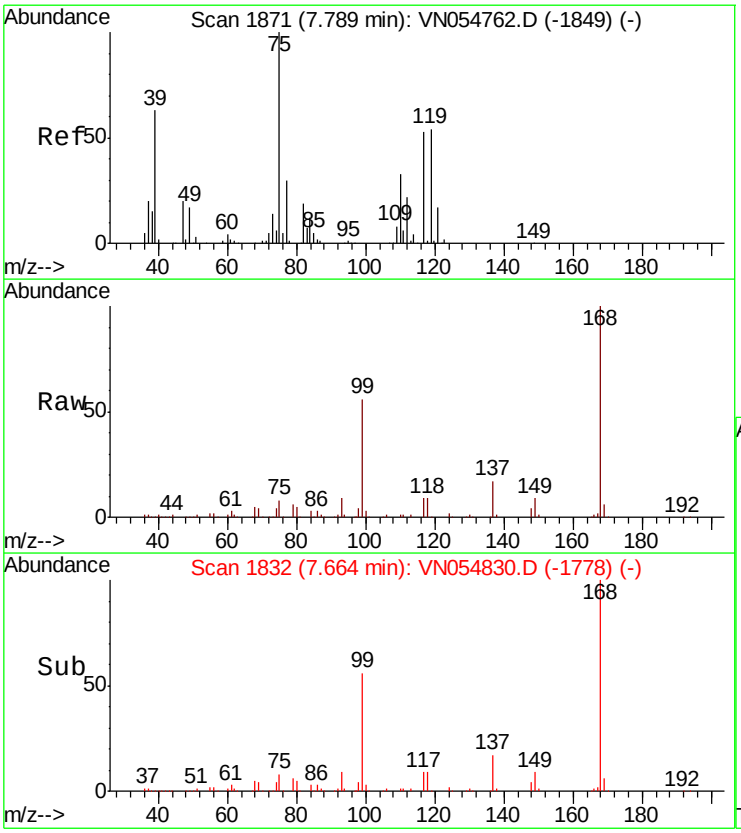
#35
Dibromofluoromethane
Concen: 49.111 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:113 Resp: 276688

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.2	19.2	28.8

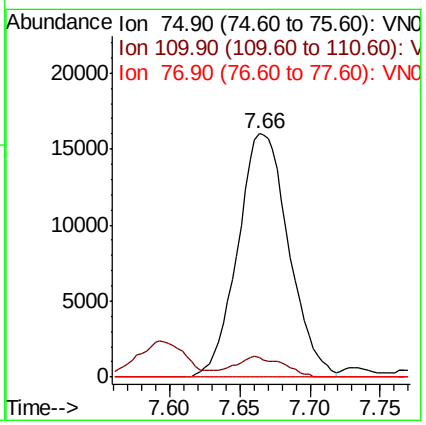


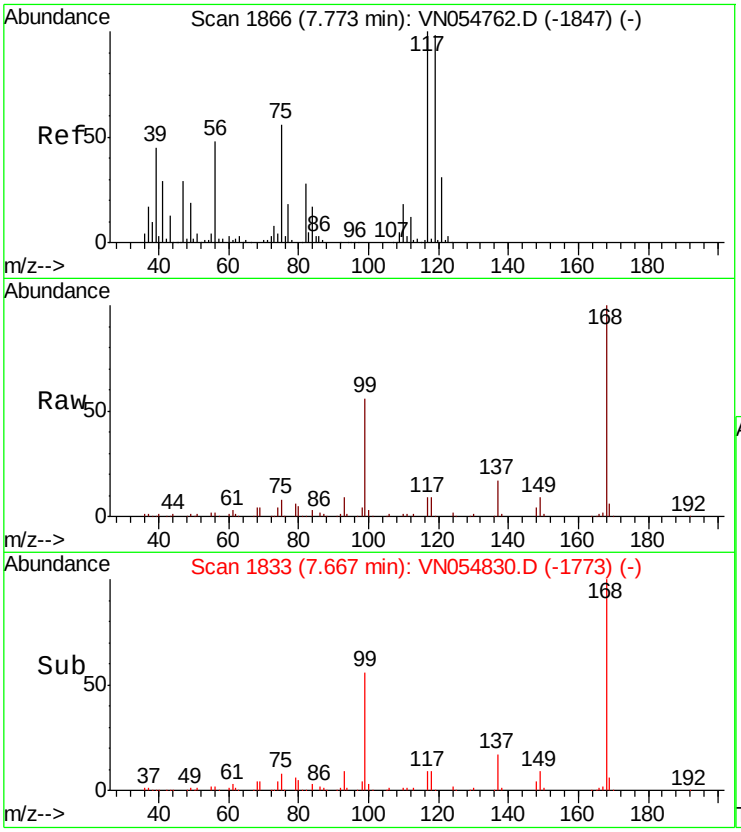


#36
1,1-Dichloropropene
Concen: 5.142 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 75 Resp: 40493

Ion	Ratio	Lower	Upper
75	100		
110	8.0	19.1	57.5#
77	0.0	25.0	37.4#



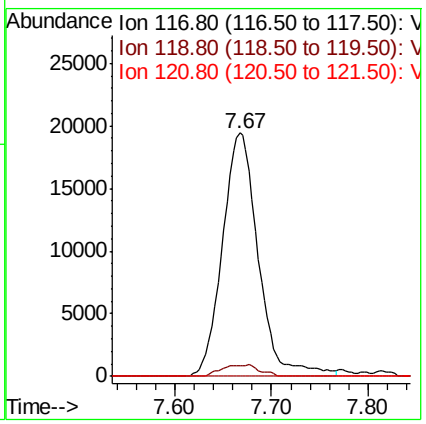


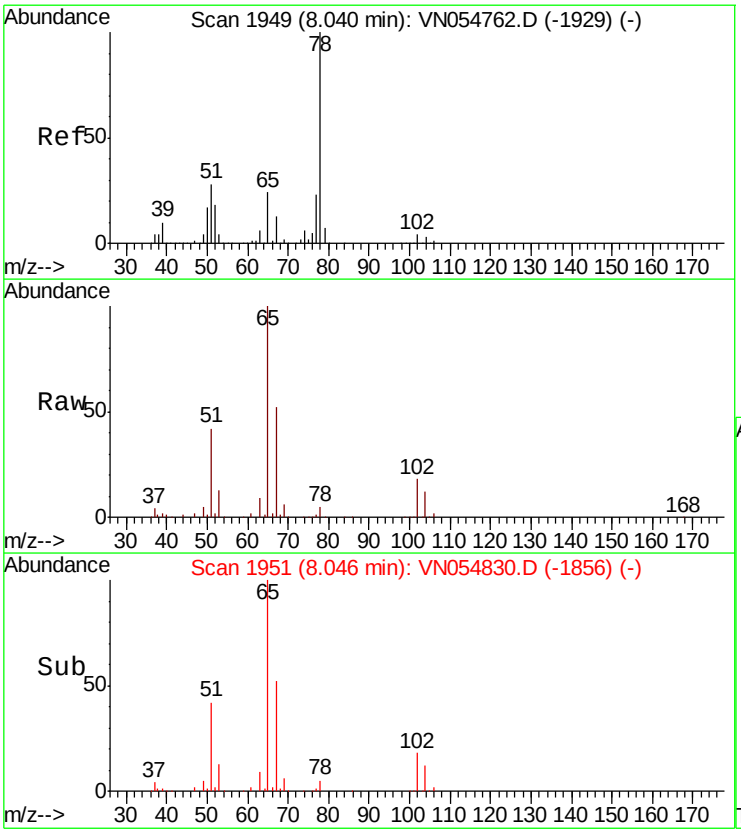
#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:117 Resp: 50015

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#

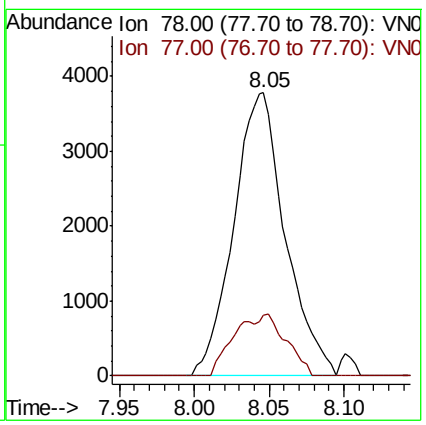


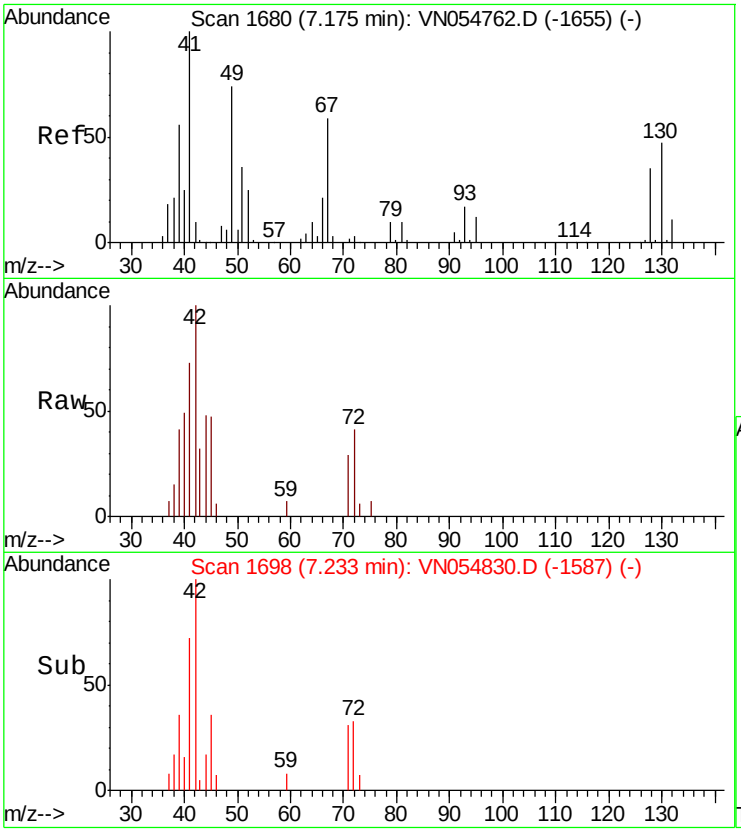


#40
Benzene
Concen: 0.403 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 78 Resp: 9074

Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.1	28.7



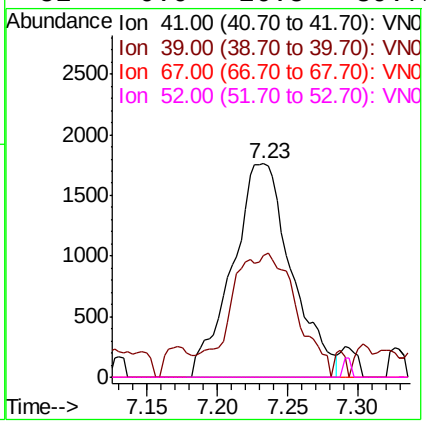


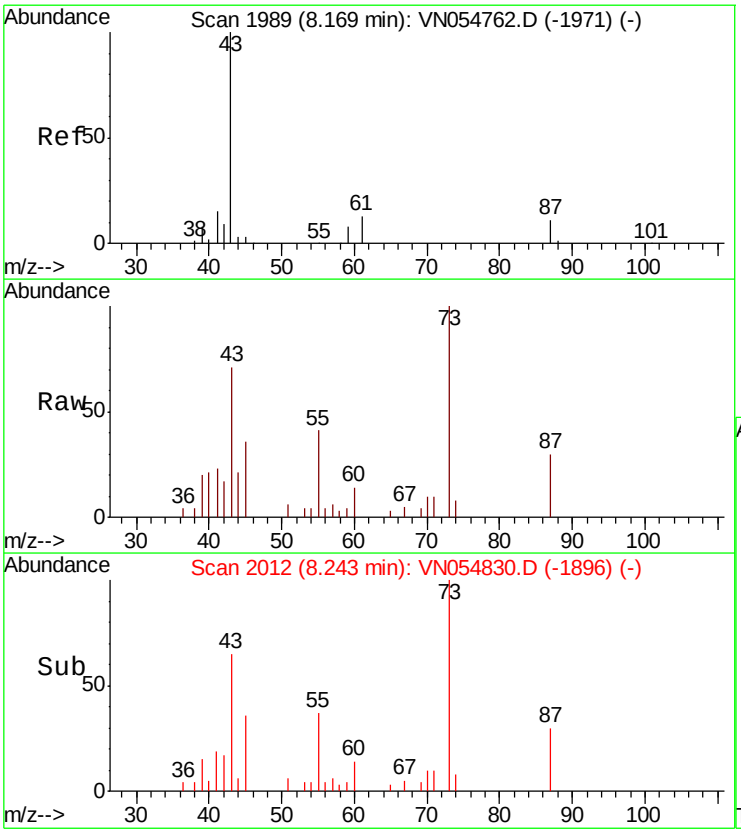
#41
Methacrylonitrile
Concen: 1.594 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.06 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 41 Resp: 5172

Ion	Ratio	Lower	Upper
41	100		
39	18.2	46.8	70.2#
67	0.0	67.0	100.4#
52	0.0	26.5	39.7#

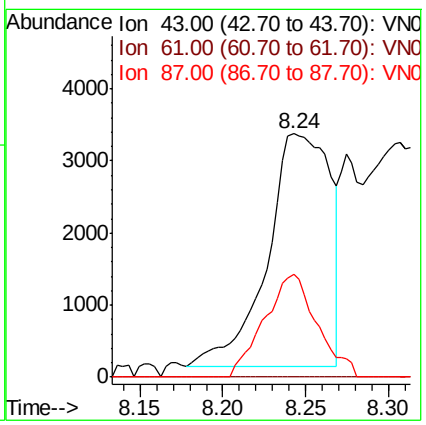


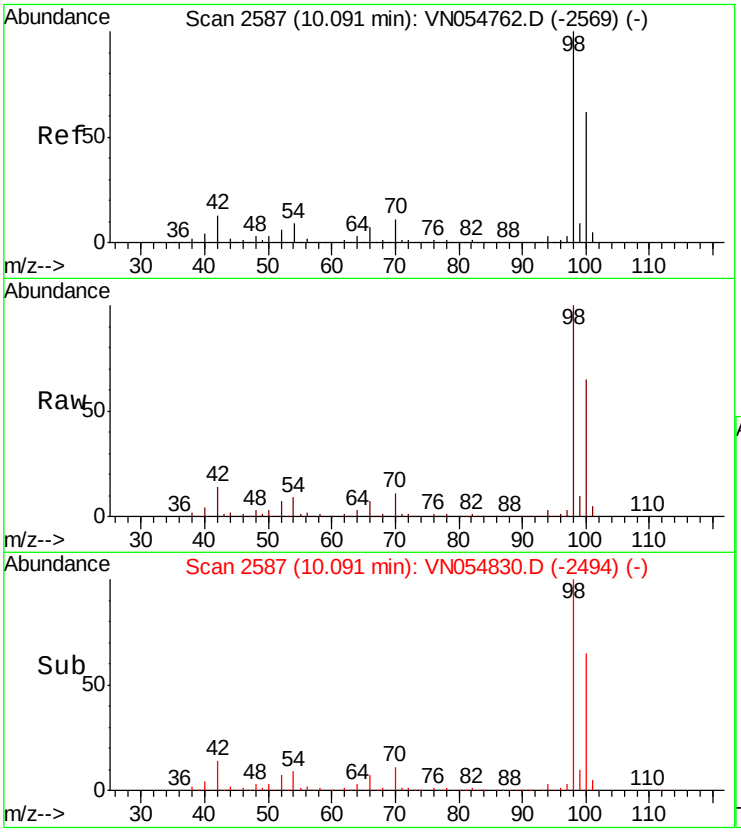


#43
Isopropyl Acetate
Concen: 0.906 ug/l
RT: 8.24 min Scan# 2012
Delta R.T. 0.07 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 43 Resp: 8504

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.8#
87	37.1	12.0	18.0#



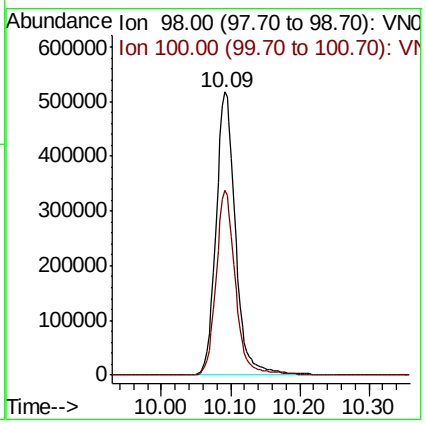


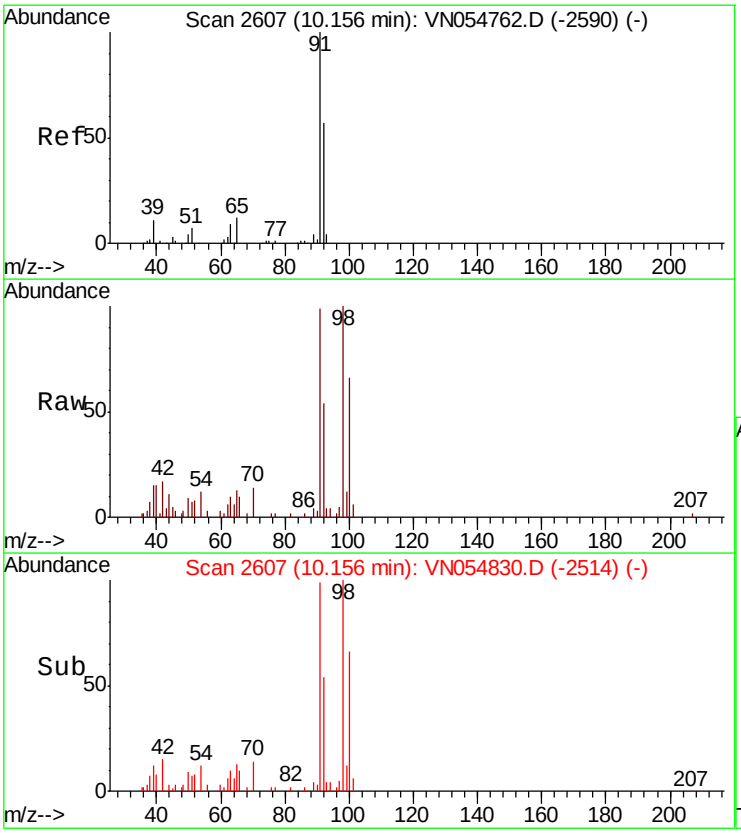
#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 98 Resp: 1011554

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

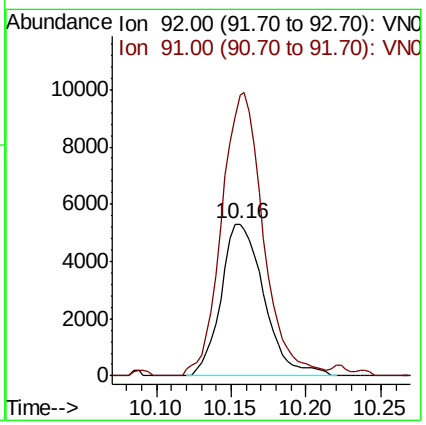


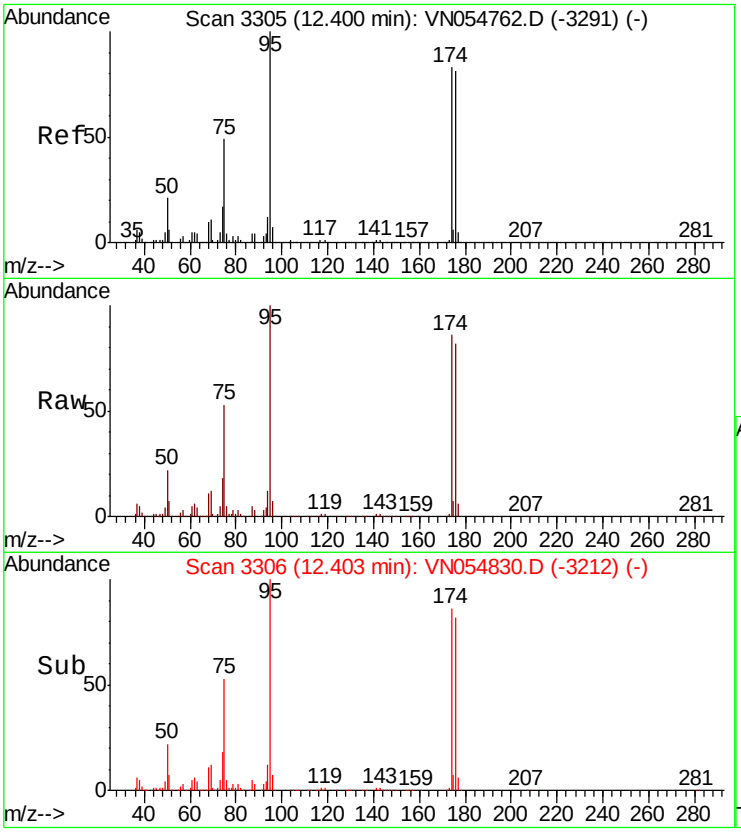


#52
Toluene
Concen: 0.793 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 92 Resp: 10629

Ion	Ratio	Lower	Upper
92	100		
91	181.0	140.7	211.1



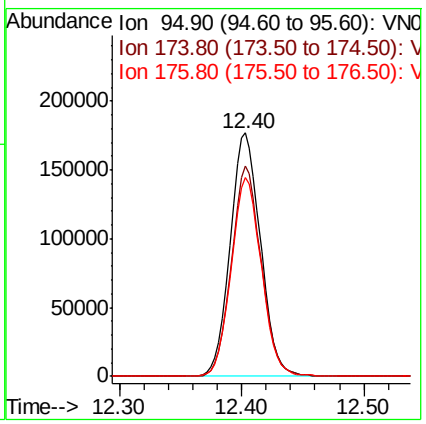


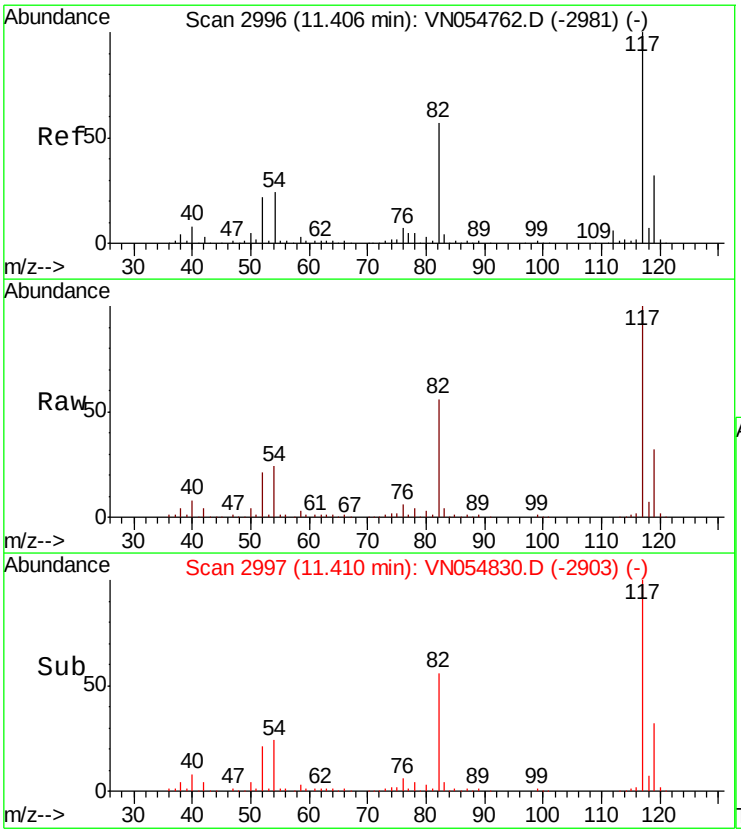
#62
4-Bromofluorobenzene
Concen: 43.788 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 95 Resp: 305026

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	191.0
176	81.2	0.0	187.4

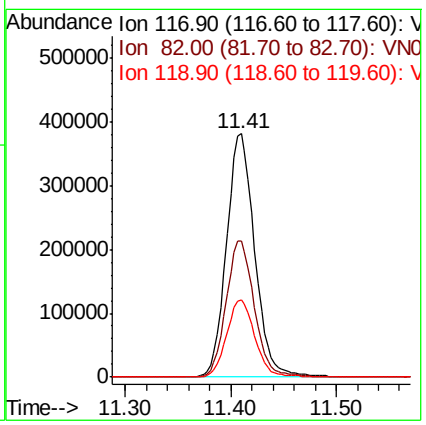


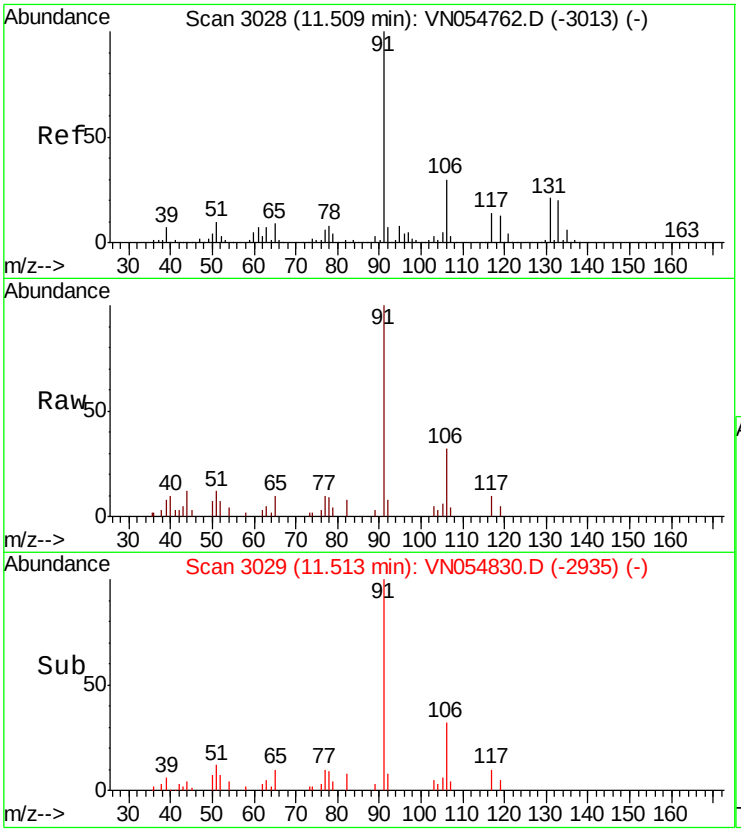


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:117 Resp: 705689

Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.0	60.0
119	31.9	25.8	38.6



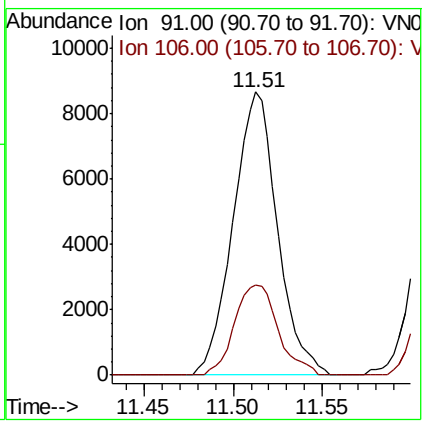


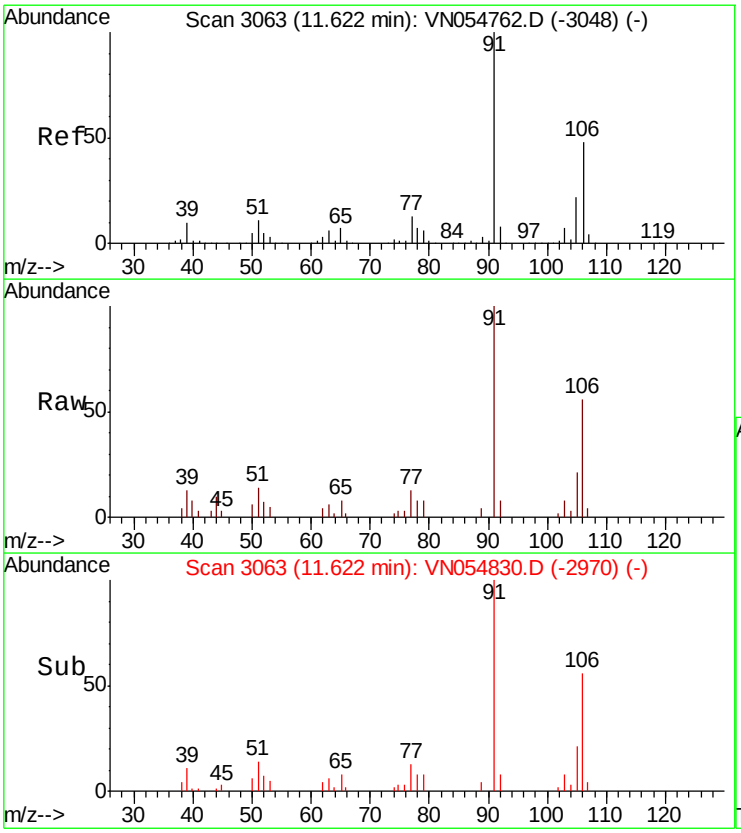
#67
Ethyl Benzene
Concen: 0.603 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion: 91 Resp: 15031

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.5	38.3

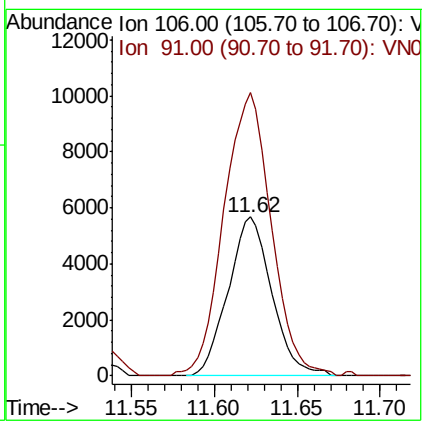


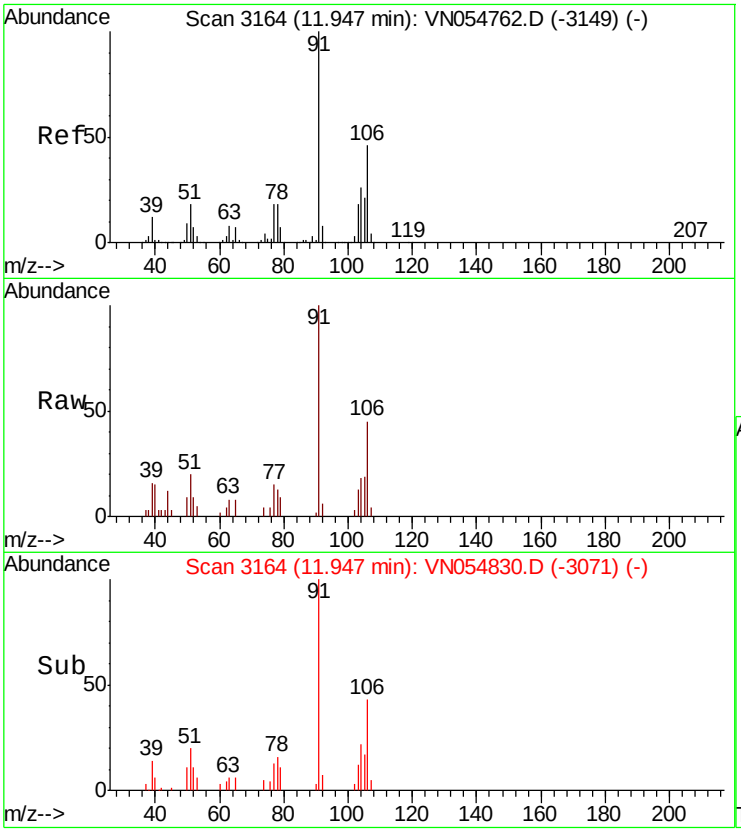


#68
m/p-Xylenes
Concen: 1.126 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:106 Resp: 10387

Ion	Ratio	Lower	Upper
106	100		
91	193.4	159.4	239.2



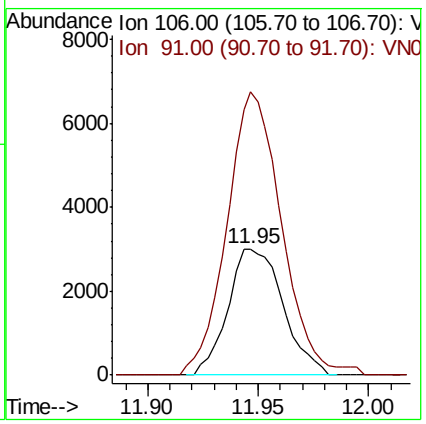


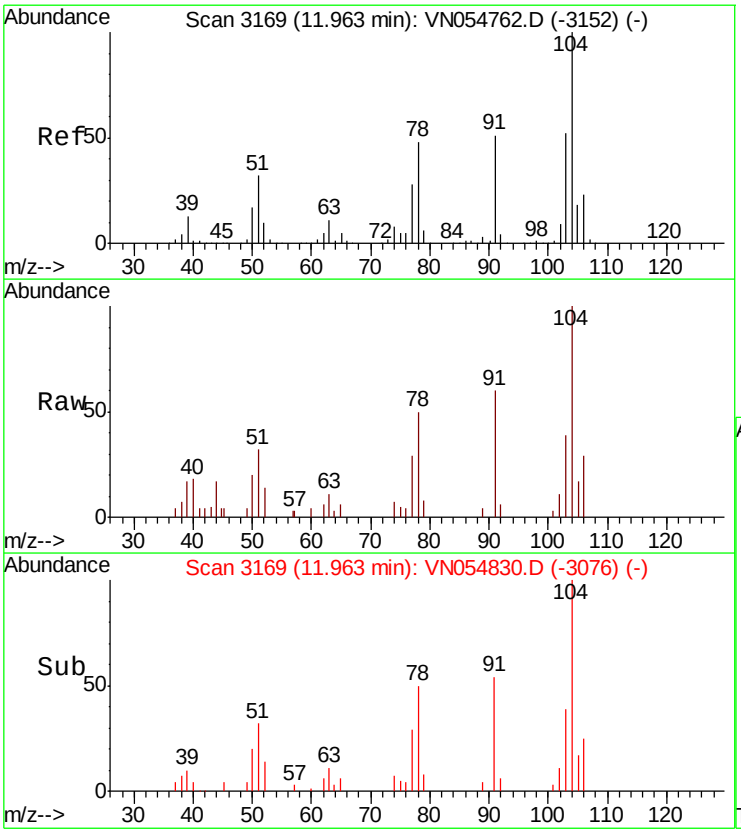
#69
o-Xylene
Concen: 0.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion:106 Resp: 5214

Ion	Ratio	Lower	Upper
106	100		
91	223.6	105.7	317.1

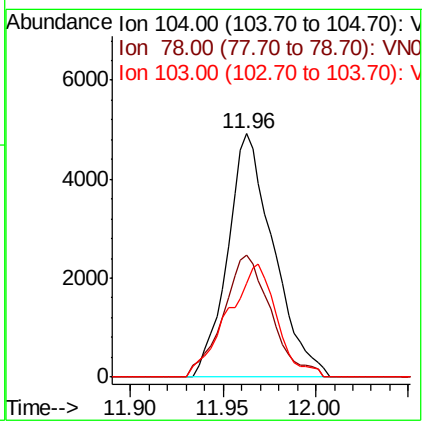


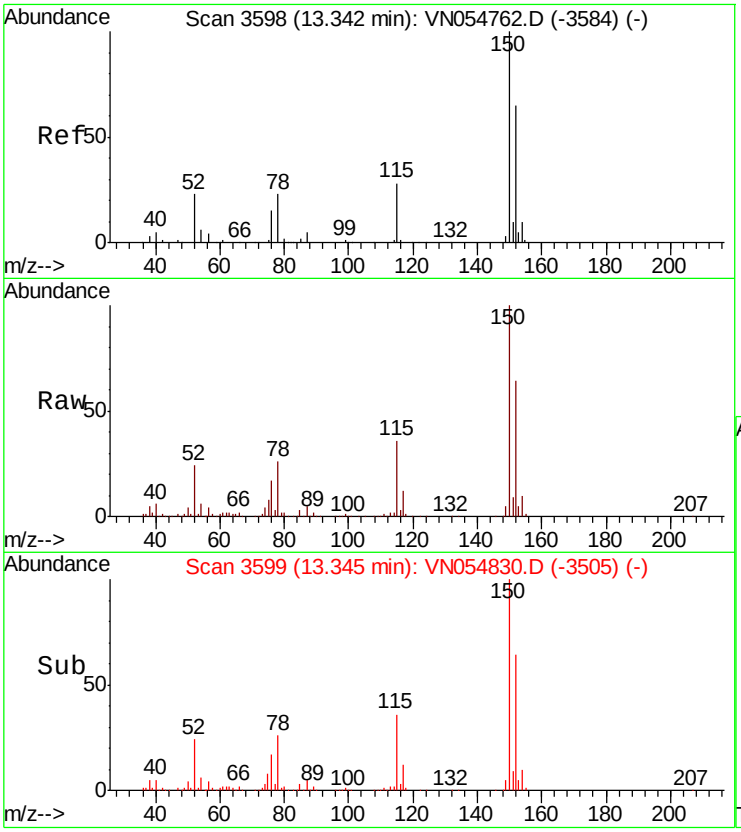


#70
Styrene
Concen: 0.585 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:104 Resp: 8465

Ion	Ratio	Lower	Upper
104	100		
78	52.0	38.2	57.2
103	49.4	44.4	66.6



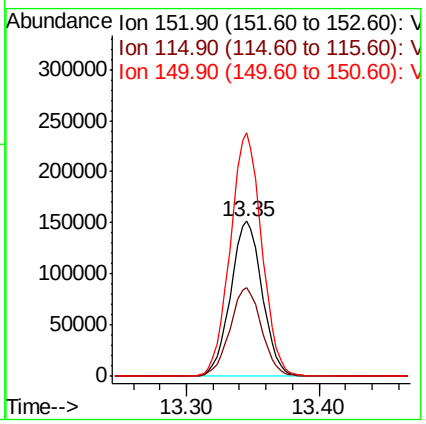


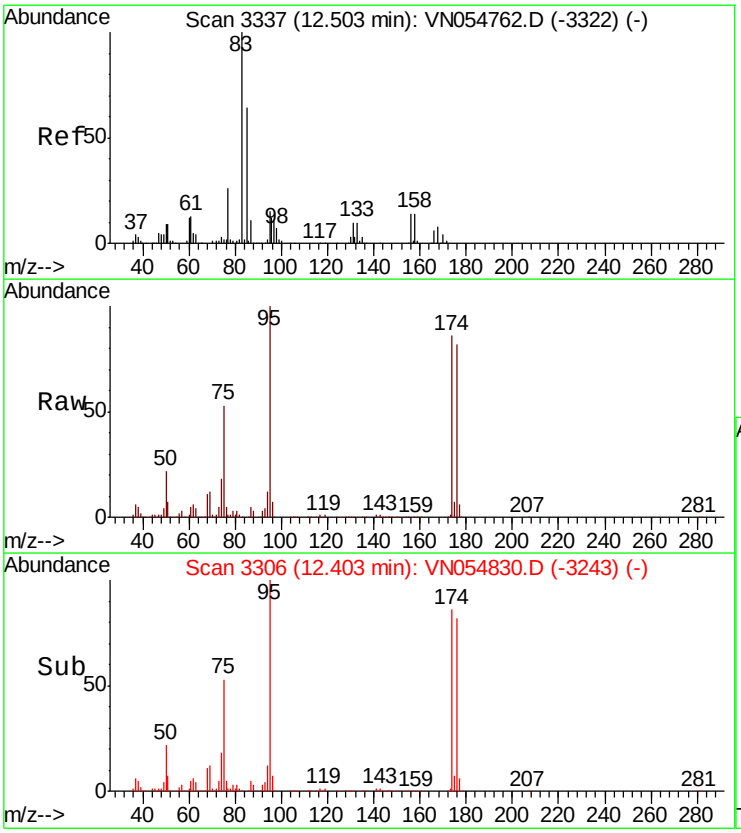
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion:152 Resp: 250807

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	156.6	0.0	349.2

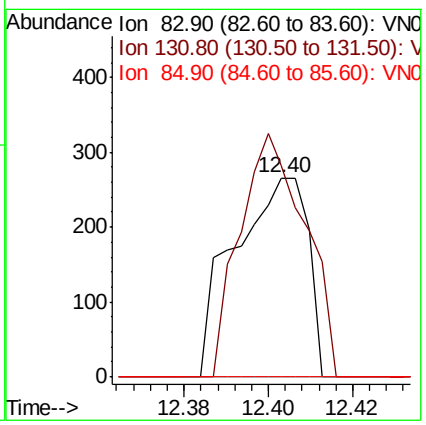


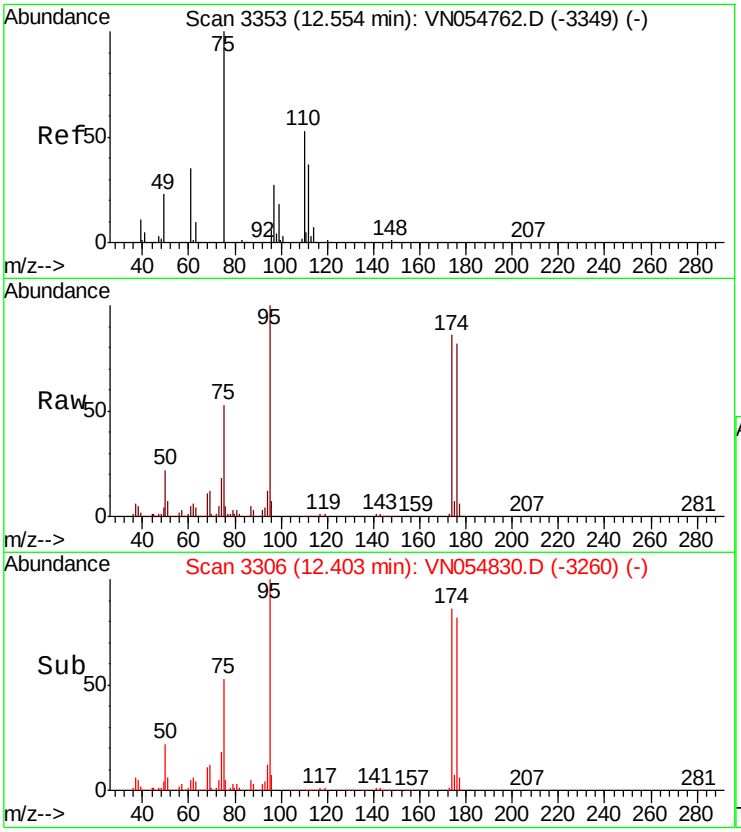


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3306
Delta R.T. -0.10 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 83 Resp: 321

Ion	Ratio	Lower	Upper
83	100		
131	108.1	5.8	17.4#
85	0.0	32.2	96.6#



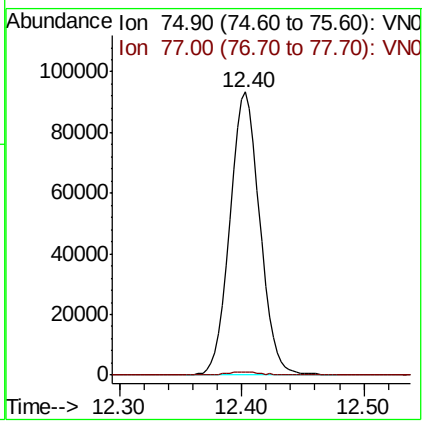


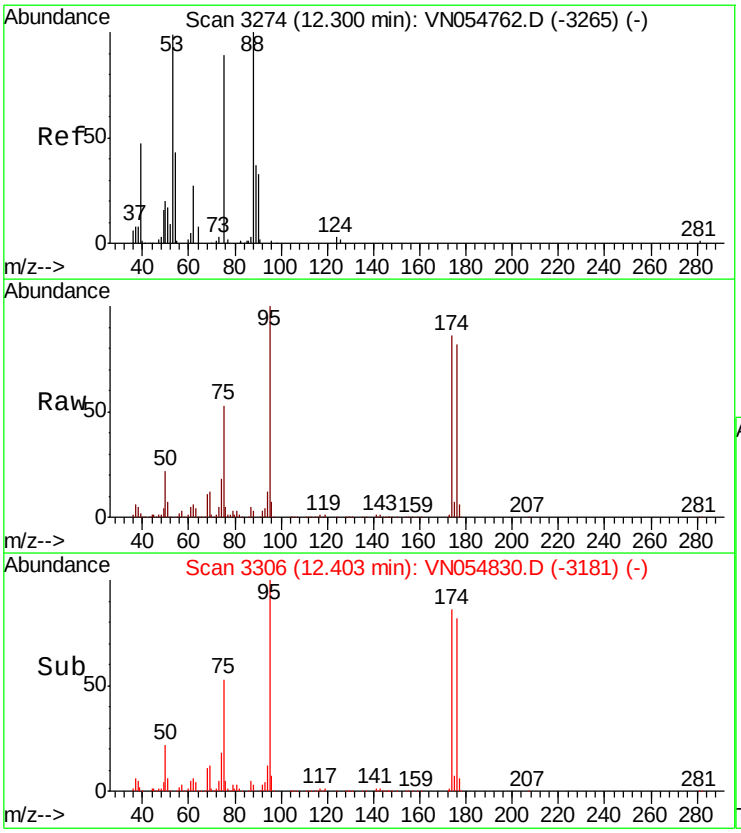
#76
1,2,3-Trichloropropane
Concen: 36.510 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion: 75 Resp: 159078

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

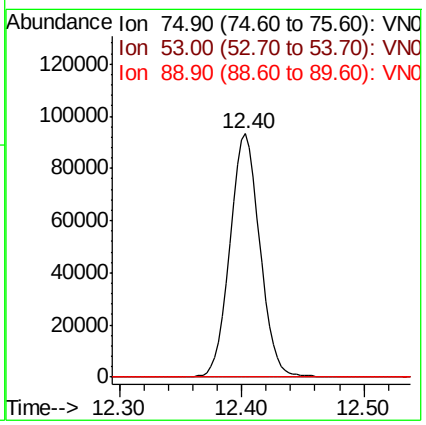


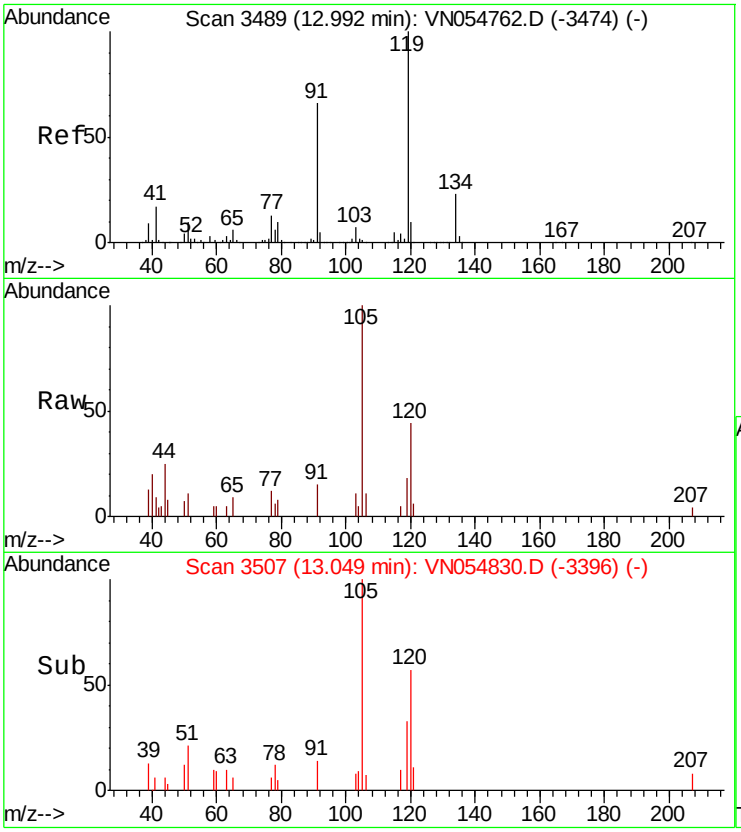


#81
trans-1,4-Dichloro-2-butene
Concen: 142.015 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 75 Resp: 159078

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#



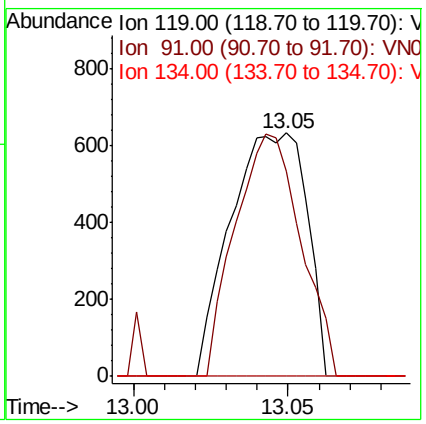


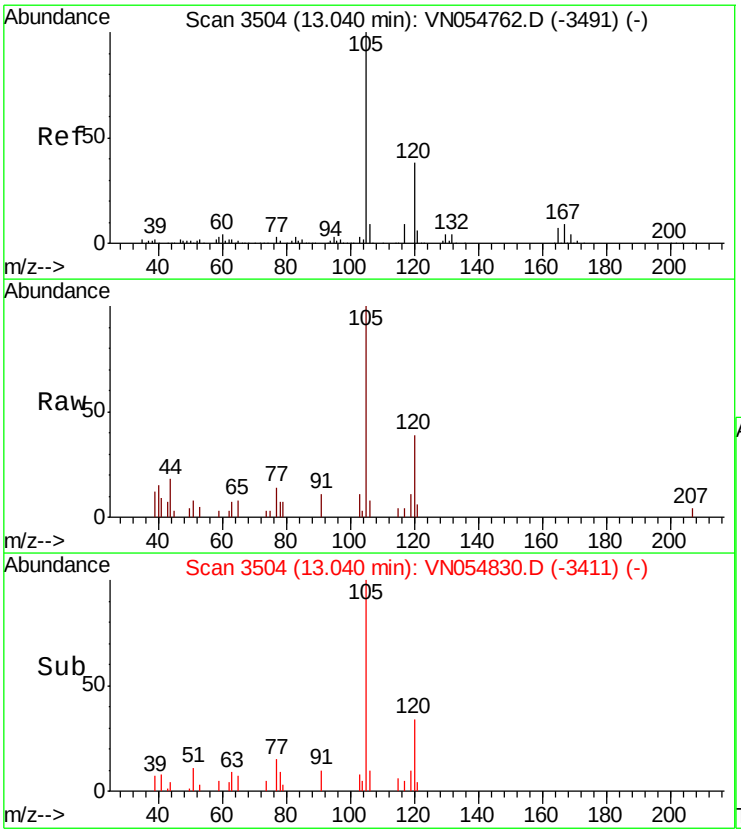
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.05 min Scan# 3507
Delta R.T. 0.06 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument : MSVOA_N
ClientSampleId : MW-8

Tgt Ion:119 Resp: 1089

Ion	Ratio	Lower	Upper
119	100		
91	85.7	30.9	92.8
134	0.0	13.2	39.6#

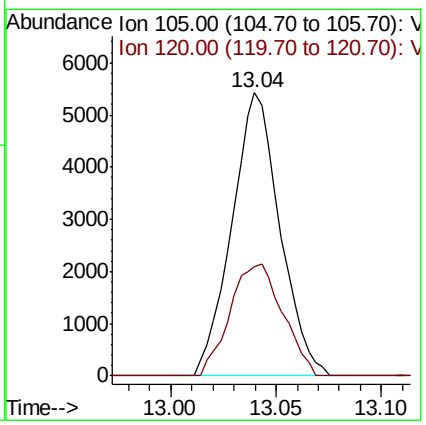


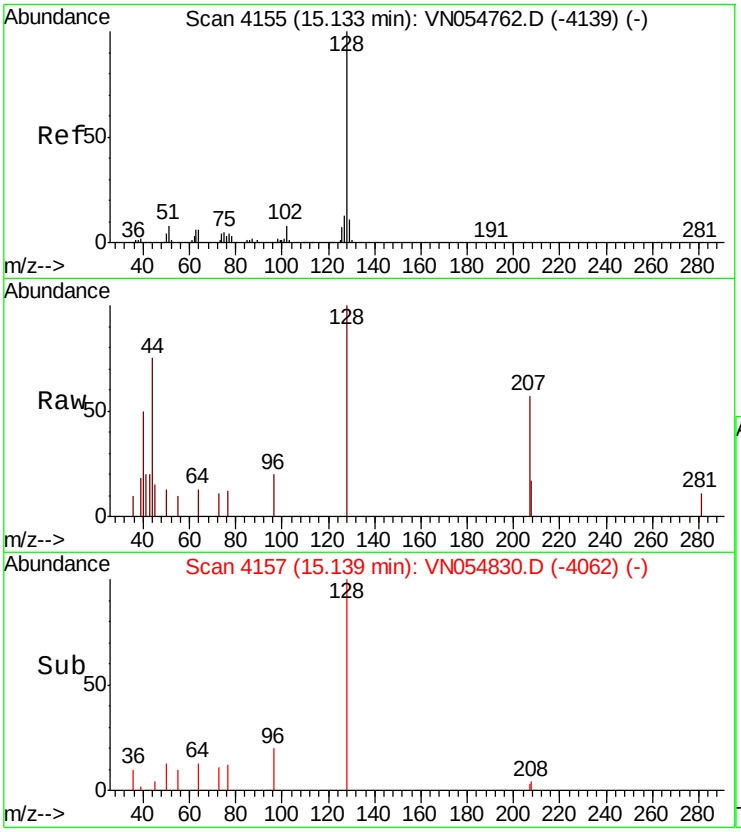


#84
1,2,4-Trimethylbenzene
Concen: 0.535 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:105 Resp: 8575

Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.4	70.3





#95
Naphthalene
Concen: 0.313 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tgt Ion:128 Resp: 2828

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.7	13.1#