Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054286.D
Acq On : 15 Mar 2019 3:11
Operator : JC/SP
Sample : K1897-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-2

Quant Time: Mar 15 07:01:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1352361	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2257327	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	2382179	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1012741	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	730367	50.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.70%				
35) Dibromofluoromethane	7.59	113	697875	47.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.86%				
50) Toluene-d8	10.09	98	2803311	52.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.28%				
62) 4-Bromofluorobenzene	12.40	95	1066664	56.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.40%				
Target Compounds							Qvalue
10) Methyl Iodide	3.93	142	482	1.520	ug/l	#	69
11) Tert butyl alcohol	4.82	59	209	0.212	ug/l	#	1
13) Acrolein	3.61	56	241	0.258	ug/l	#	35
16) Acetone	3.82	43	22874	5.562	ug/l		95
18) Methyl Acetate	4.33	43	4834	0.581	ug/l		91
20) Methylene Chloride	4.55	84	470225	34.825	ug/l		96
29) Tetrahydrofuran	7.21	42	965	0.311	ug/l	#	61
30) Chloroform	7.37	83	14098	0.585	ug/l		93
31) Cyclohexane	7.67	56	19700	Below Cal		#	1
36) 1,1-Dichloropropene	7.66	75	79158	3.808	ug/l	#	44
38) Carbon Tetrachloride	7.67	117	108294	4.968	ug/l	#	17
43) Isopropyl Acetate	8.17	43	39851	1.901	ug/l		97
45) 1,2-Dichloropropane	9.27	63	2967	0.201	ug/l	#	43
47) Bromodichloromethane	9.40	83	4780	0.239	ug/l	#	93
48) Methyl methacrylate	9.18	41	16143	1.517	ug/l	#	11
49) 1,4-Dioxane	9.26	88	67	0.445	ug/l	#	27
51) 4-Methyl-2-Pentanone	10.03	43	13327	1.201	ug/l	#	36
53) t-1,3-Dichloropropene	10.39	75	322	1.999	ug/l	#	61
54) cis-1,3-Dichloropropene	9.91	75	131656	5.647	ug/l	#	61
57) 1,3-Dichloropropane	10.76	76	22138	0.983	ug/l	#	43
59) 2-Hexanone	10.77	43	290754	39.383	ug/l	#	50
68) m/p-Xylenes	11.62	106	7230	0.213	ug/l		99
71) Bromoform	12.40	173	6576	2.783	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	510986	34.311	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	20261	0.301	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	510986	117.290	ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.04	105	32488	0.491	ug/l		98
93) 1,2,4-Trichlorobenzene	14.91	180	1895	2.601	ug/l	#	67
95) Naphthalene	15.13	128	222052	8.122	ug/l		99

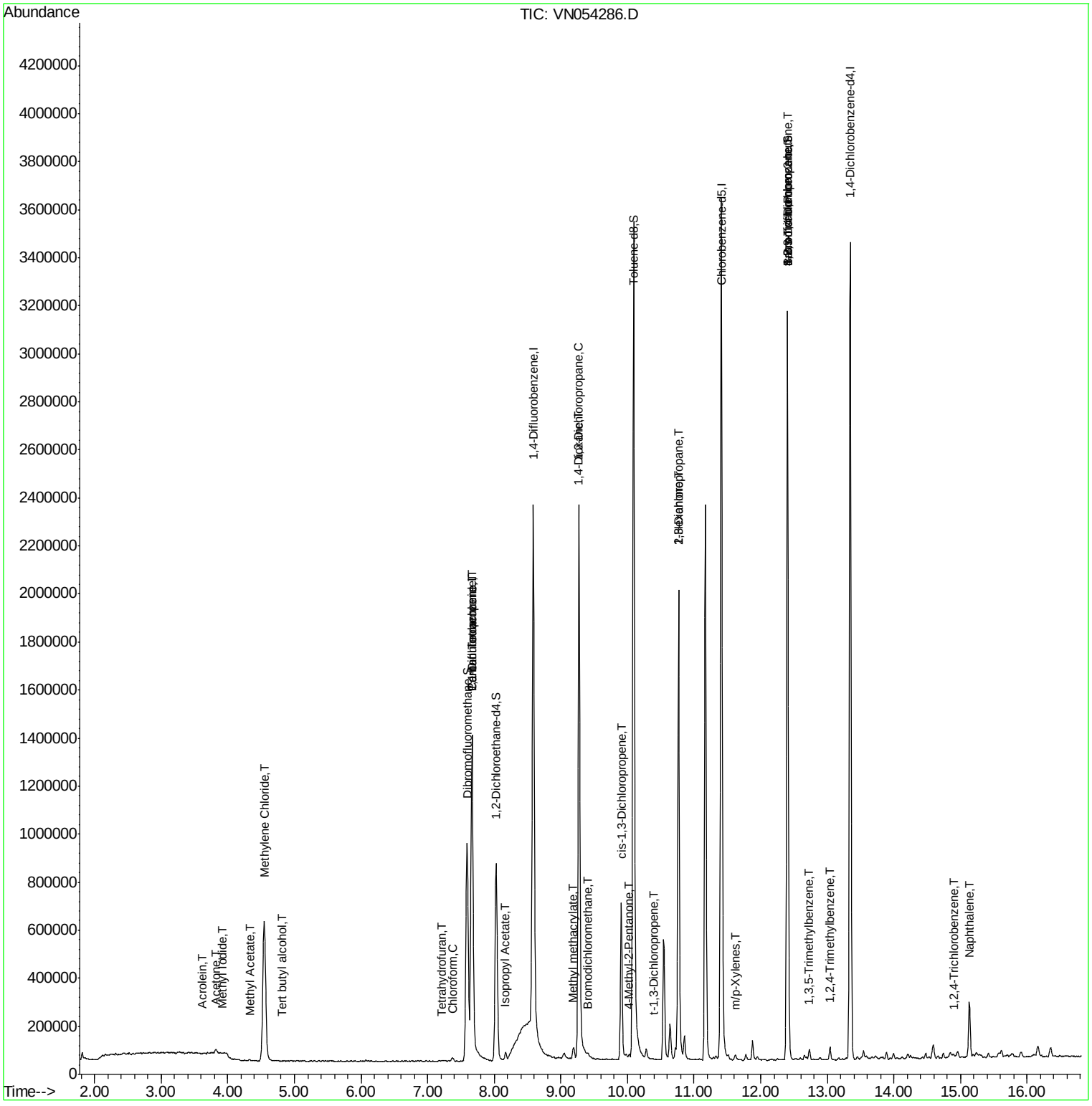
(#) = qualifier out of range (m) = manual integration (+) = signals summed

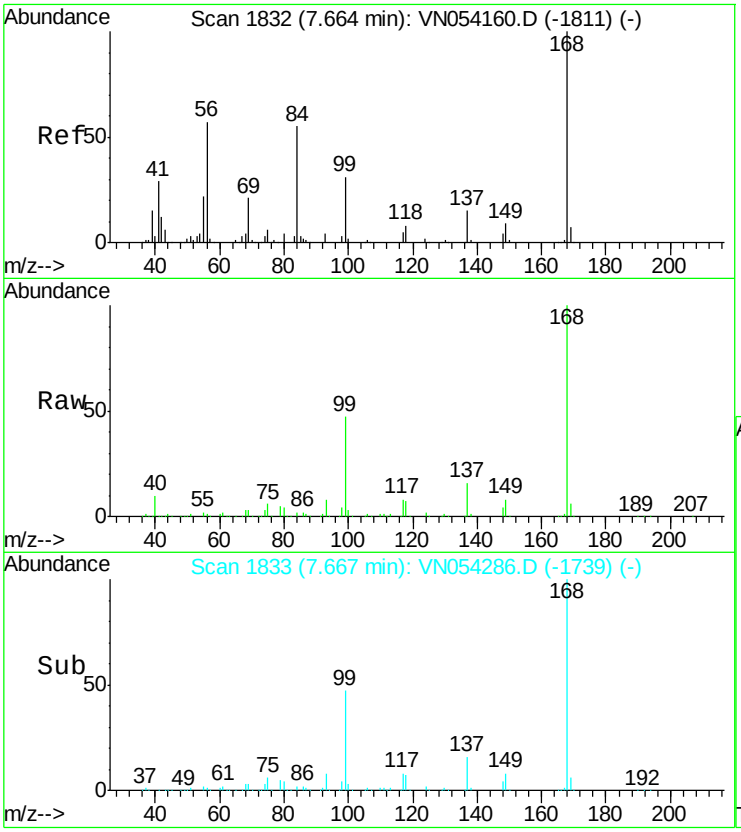
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054286.D
Acq On : 15 Mar 2019 3:11
Operator : JC/SP
Sample : K1897-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-2

Quant Time: Mar 15 07:01:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



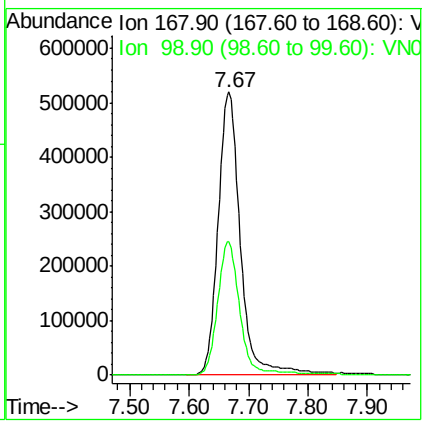


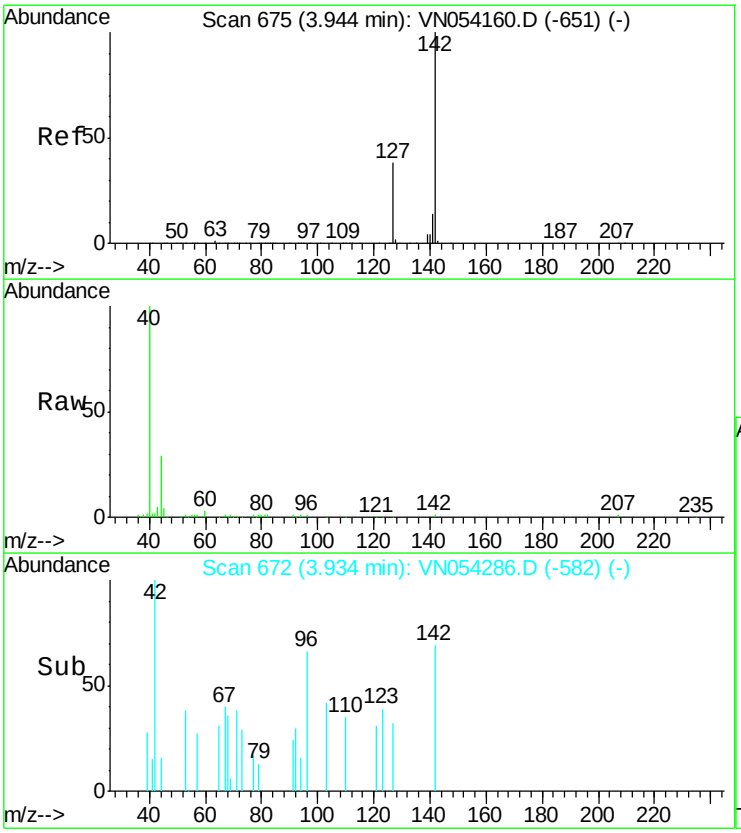
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 1352361

Ion	Ratio	Lower	Upper
168	100		
99	47.1	37.1	55.7

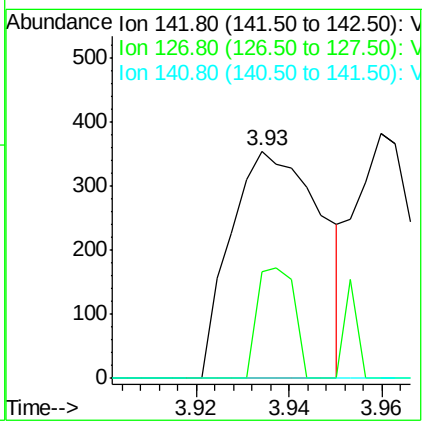


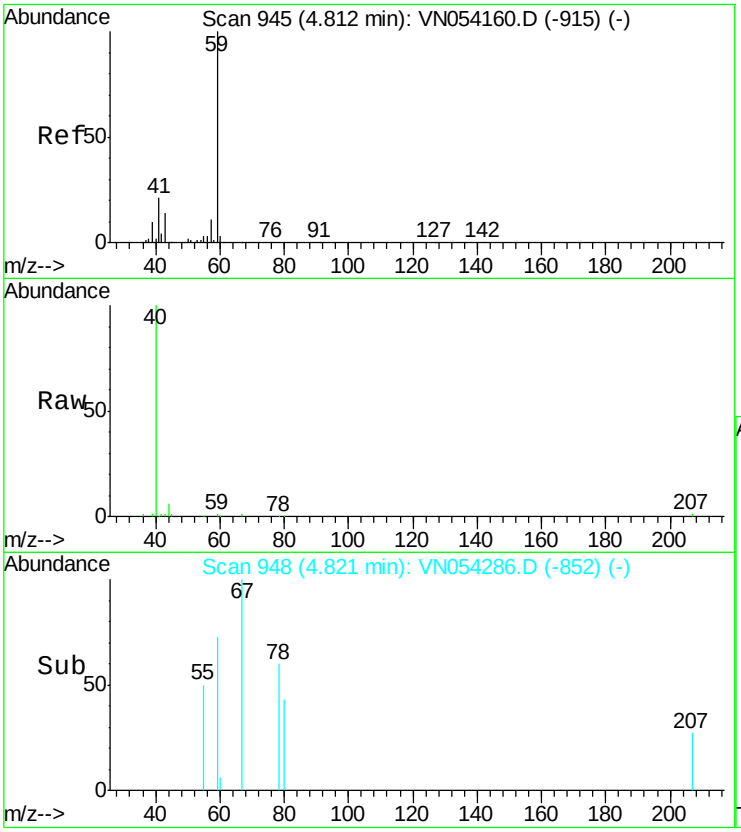


#10
Methyl Iodide
Concen: 1.520 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.01 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion:142 Resp: 482

Ion	Ratio	Lower	Upper
142	100		
127	19.7	30.3	45.5#
141	0.0	11.2	16.8#



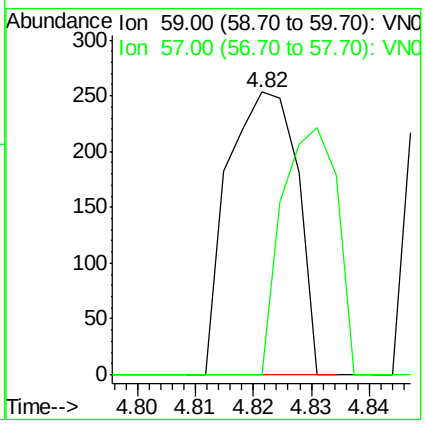


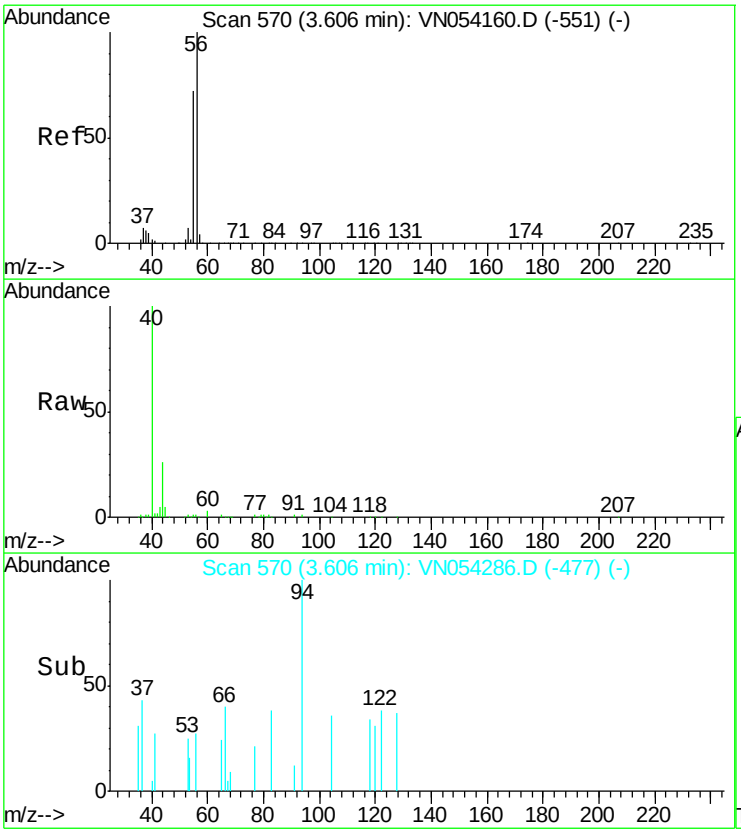
#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.01 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 59 Resp: 209

Ion	Ratio	Lower	Upper
59	100		
57	70.3	9.0	13.6#

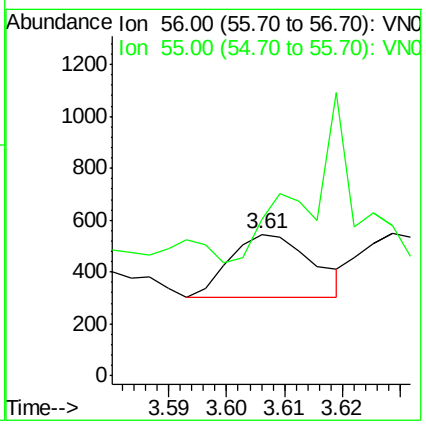


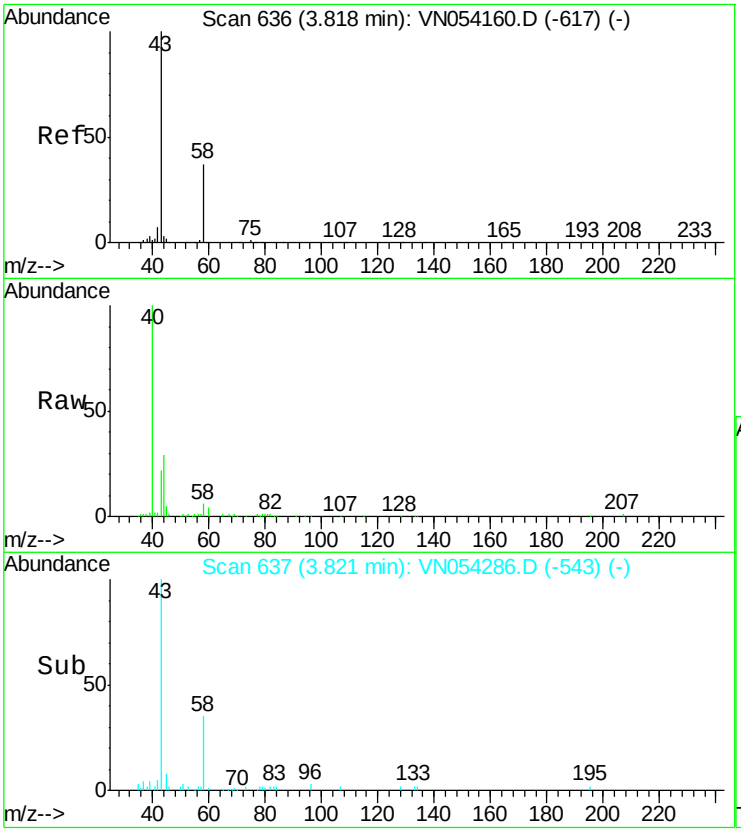


#13
Acrolein
Concen: 0.258 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 56 Resp: 241

Ion	Ratio	Lower	Upper
56	100		
55	17.4	56.7	85.1#



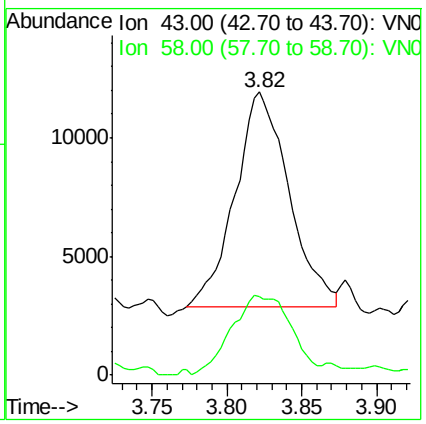


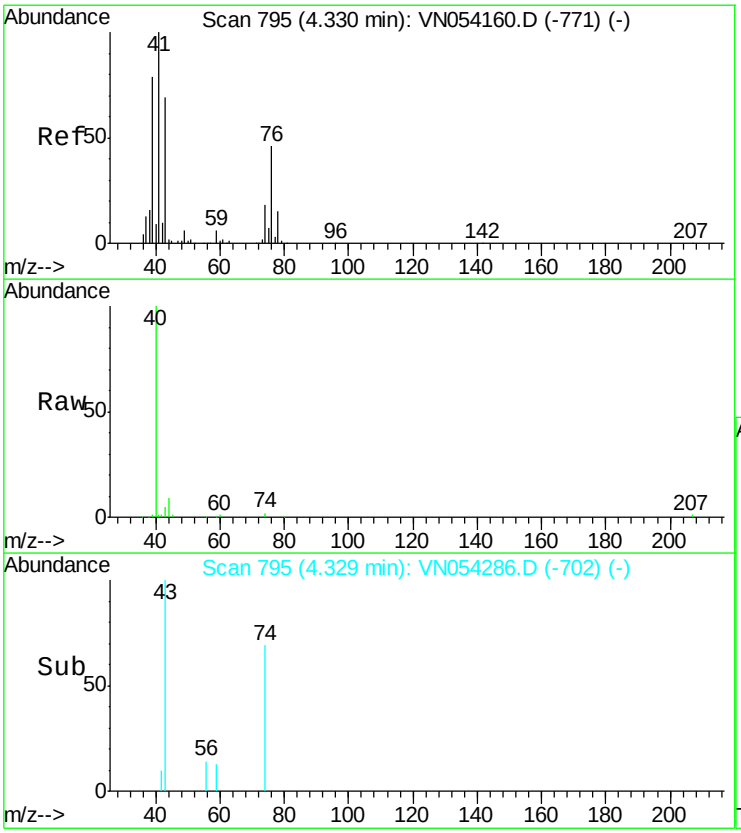
#16
Acetone
Concen: 5.562 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 22874

Ion	Ratio	Lower	Upper
43	100		
58	34.2	29.9	44.9

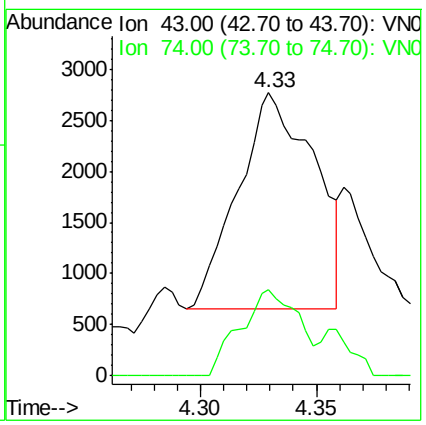


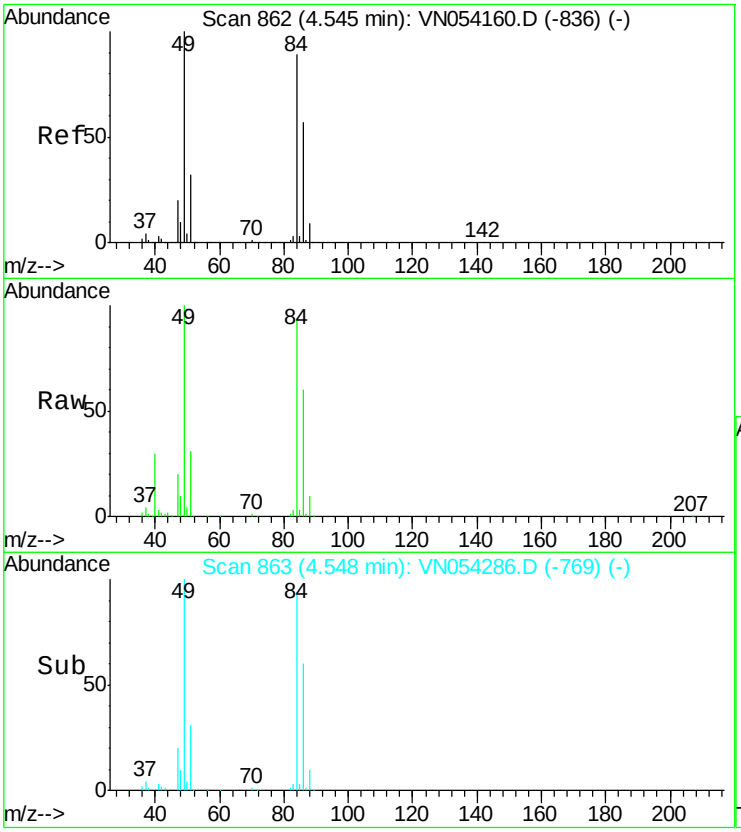


#18
Methyl Acetate
Concen: 0.581 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 43 Resp: 4834

Ion	Ratio	Lower	Upper
43	100		
74	30.5	20.8	31.2



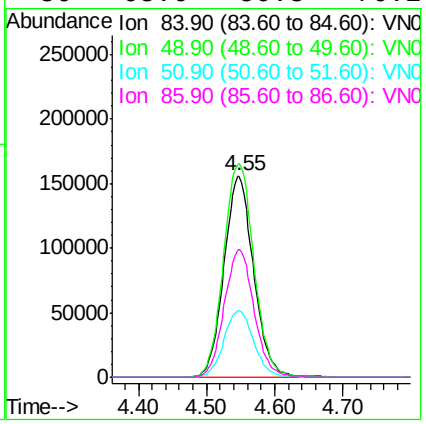


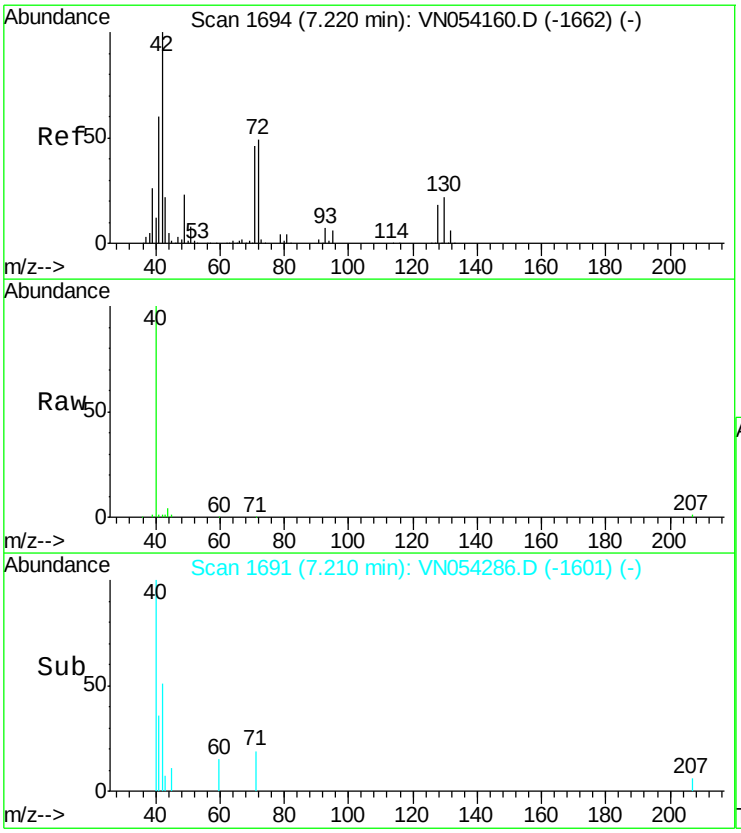
#20
Methylene Chloride
Concen: 34.825 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 84 Resp: 470225

Ion	Ratio	Lower	Upper
84	100		
49	106.1	89.7	134.5
51	33.1	28.2	42.4
86	63.6	50.8	76.2

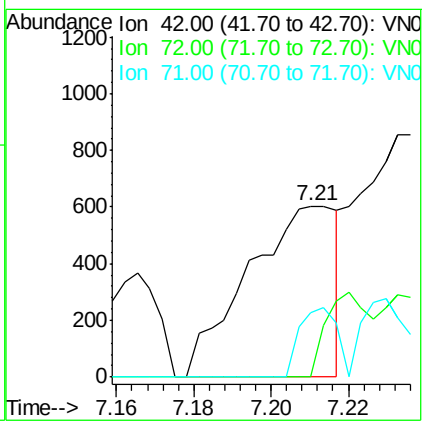


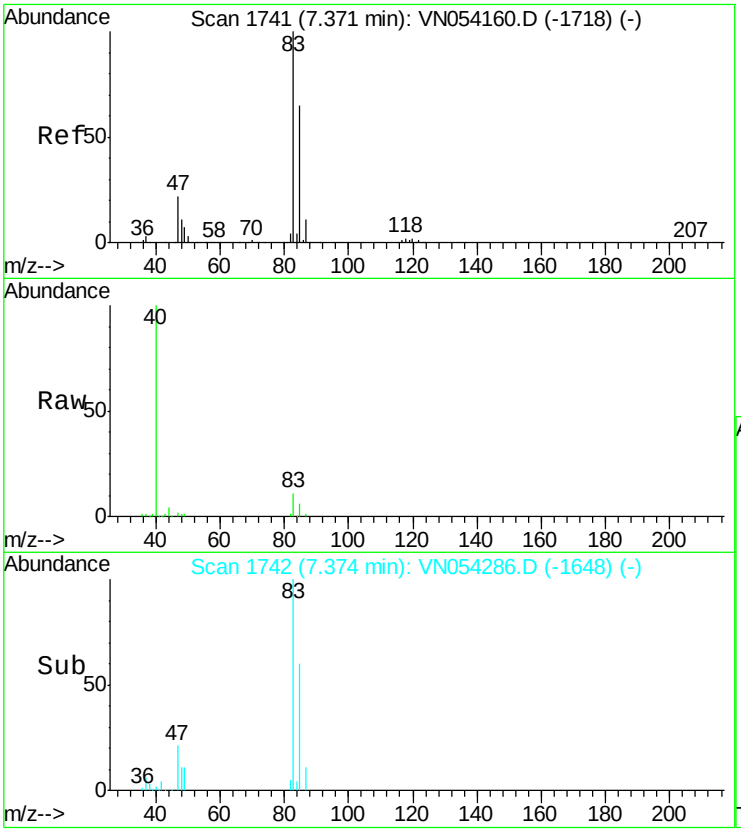


#29
Tetrahydrofuran
Concen: 0.311 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 42 Resp: 965

Ion	Ratio	Lower	Upper
42	100		
72	23.9	37.8	56.6#
71	16.9	36.2	54.2#



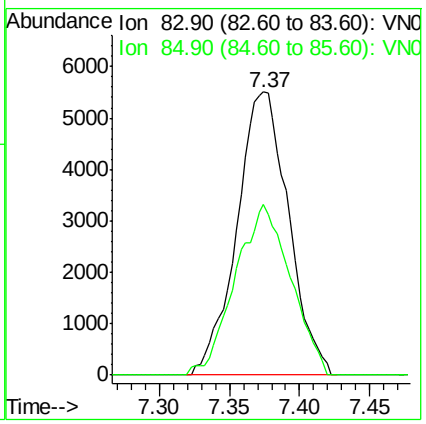


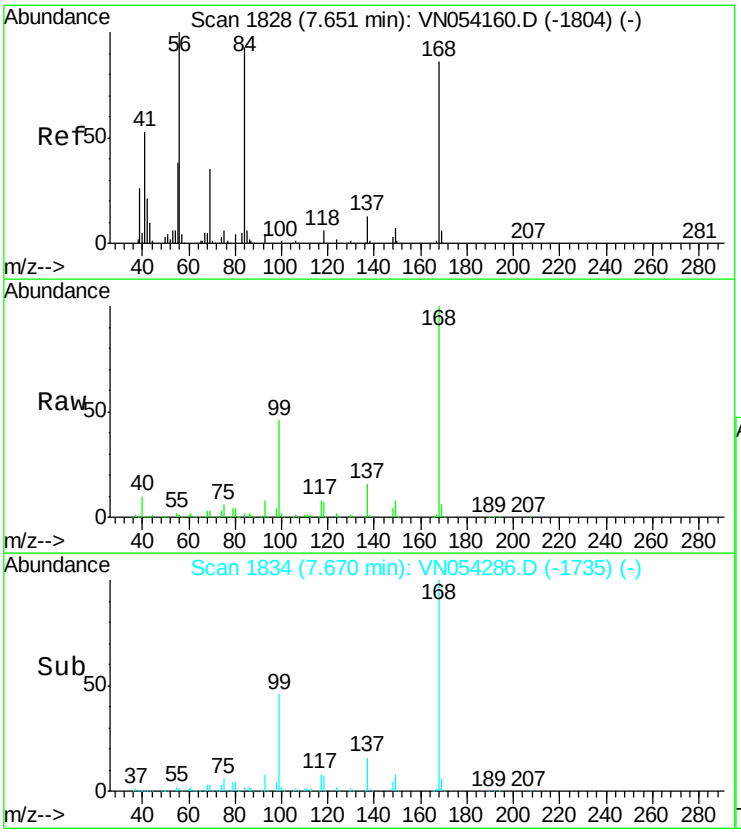
#30
Chloroform
Concen: 0.585 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 83 Resp: 14098

Ion	Ratio	Lower	Upper
83	100		
85	60.1	52.2	78.4

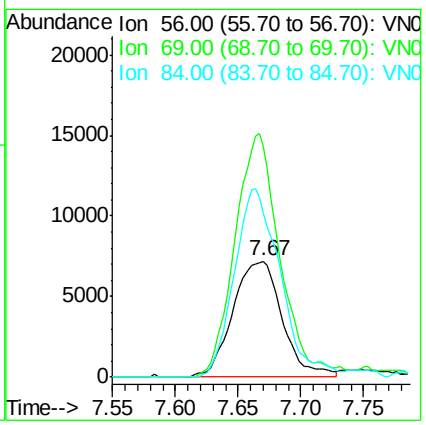


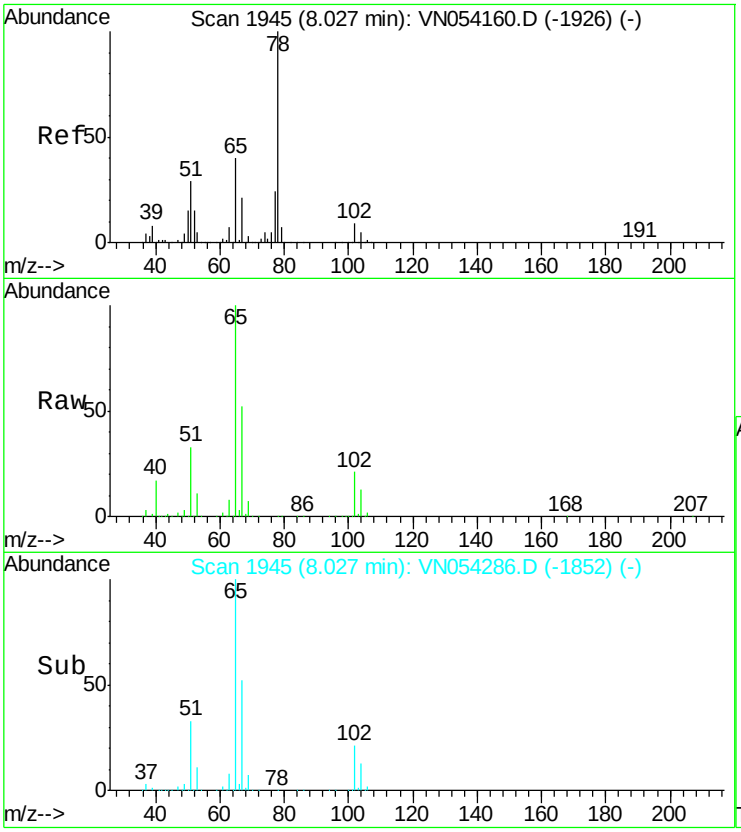


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 56 Resp: 19700

Ion	Ratio	Lower	Upper
56	100		
69	199.2	27.8	41.6#
84	141.6	74.6	111.8#



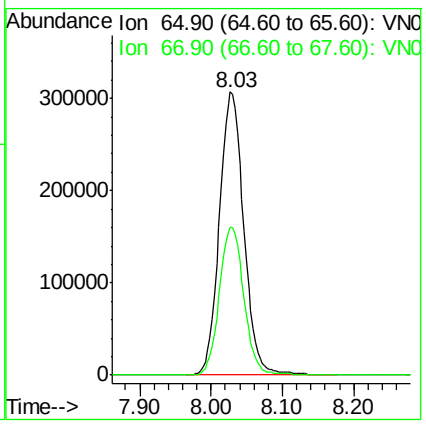


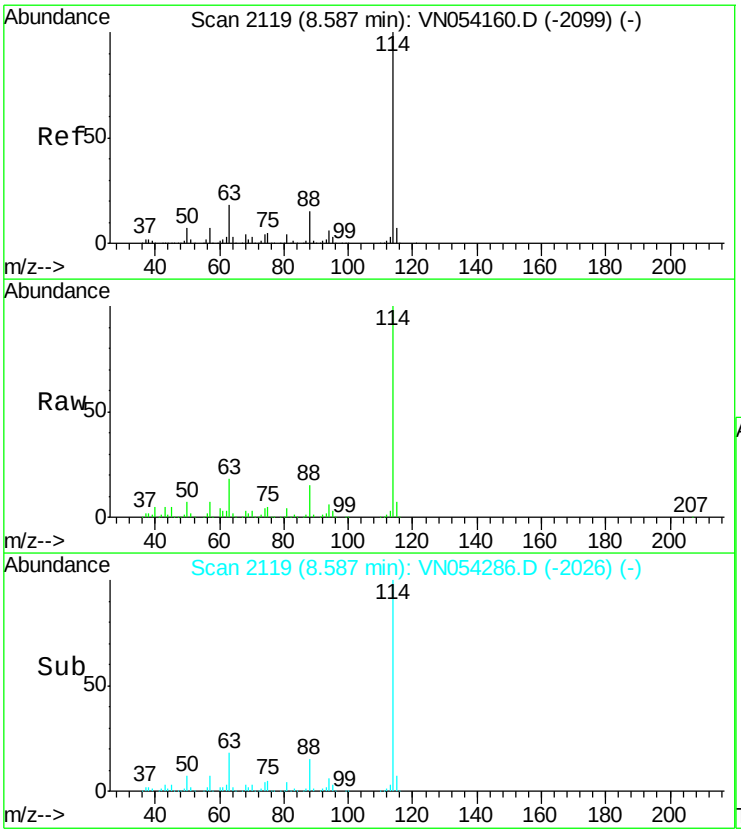
#33
1,2-Dichloroethane-d4
Concen: 50.854 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 730367

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.6

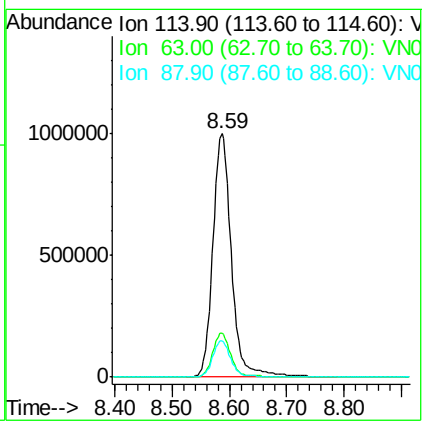


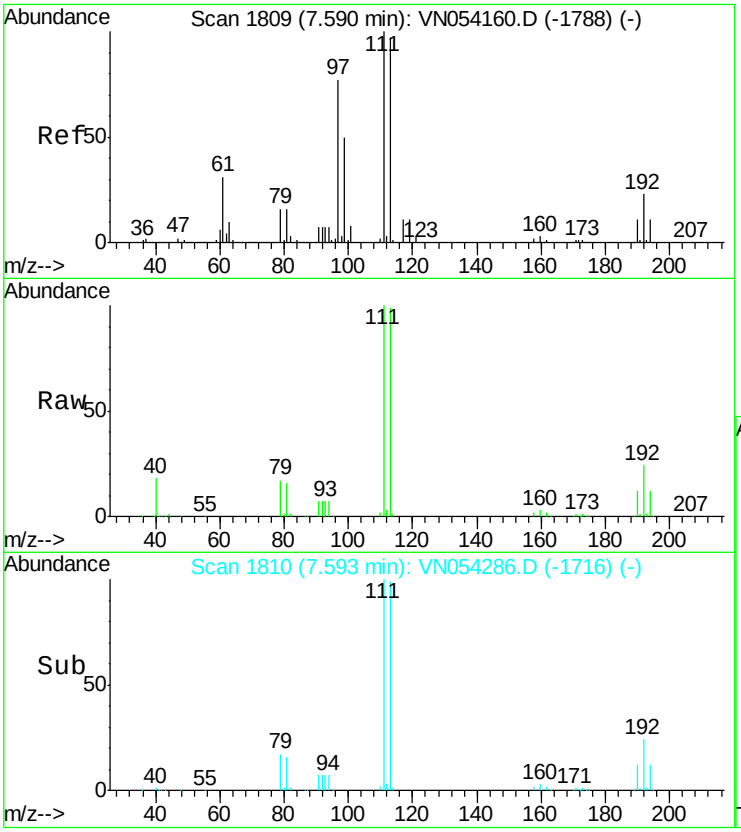


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion:114 Resp: 2257327

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	15.1	0.0	30.2



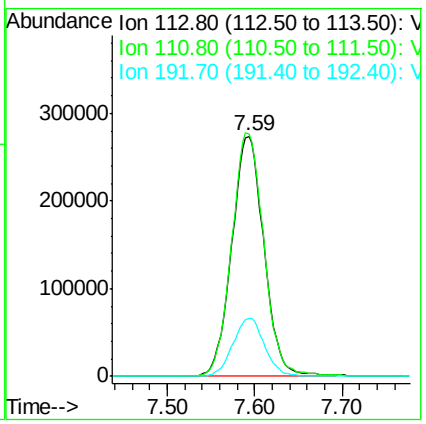


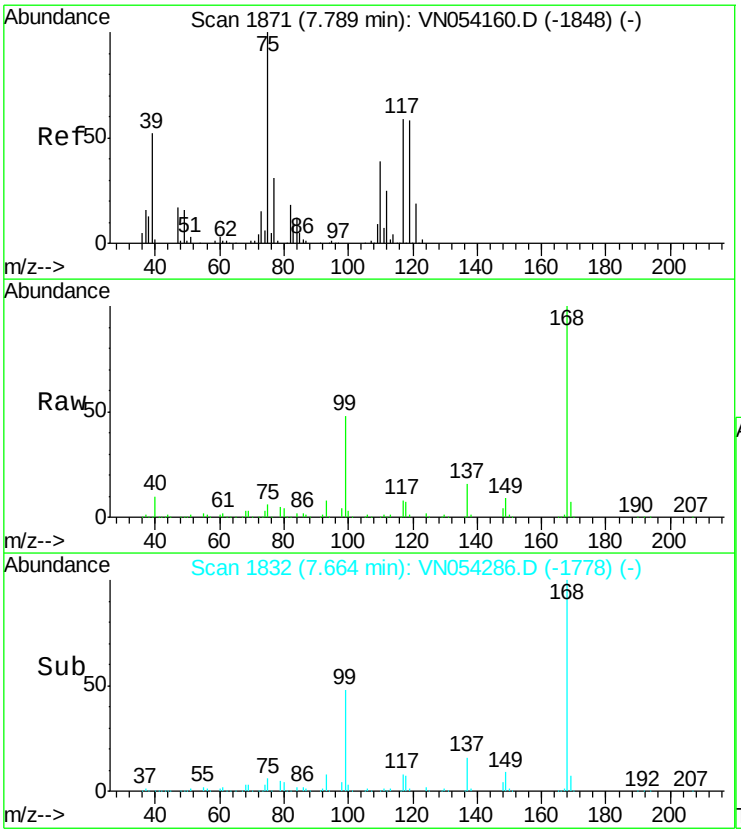
#35
Dibromofluoromethane
Concen: 47.935 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion:113 Resp: 697875

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	23.9	19.2	28.8

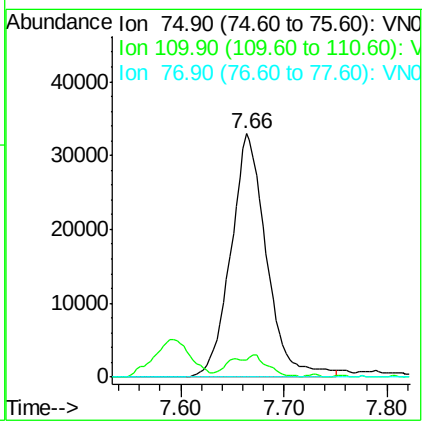


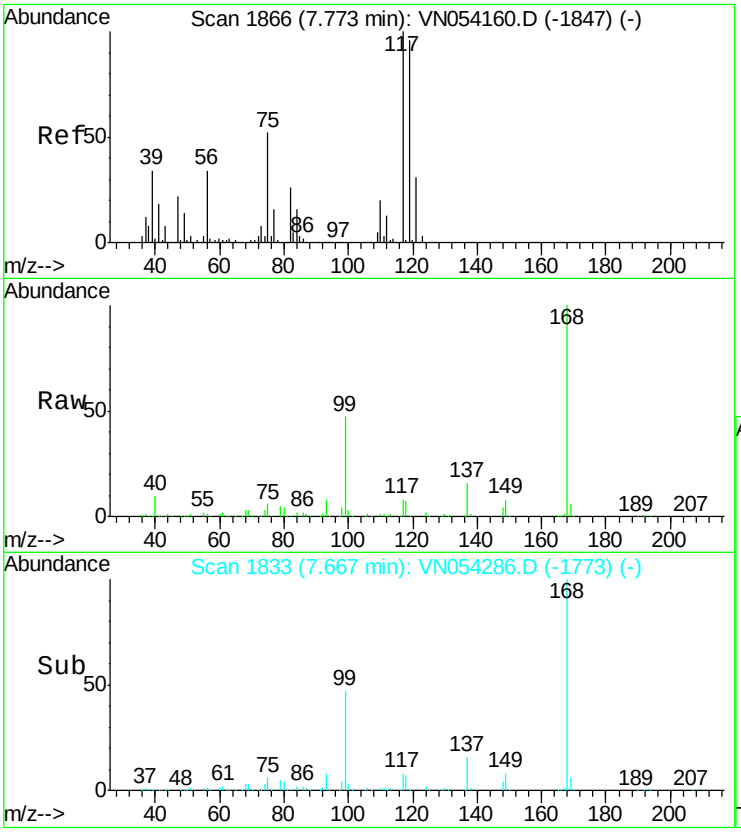


#36
1,1-Dichloropropene
Concen: 3.808 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 75 Resp: 79158

Ion	Ratio	Lower	Upper
75	100		
110	4.9	19.1	57.5#
77	0.0	25.0	37.4#



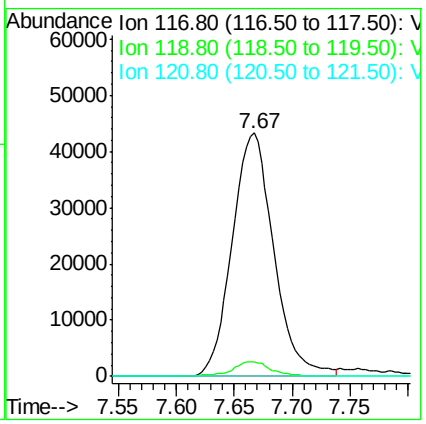


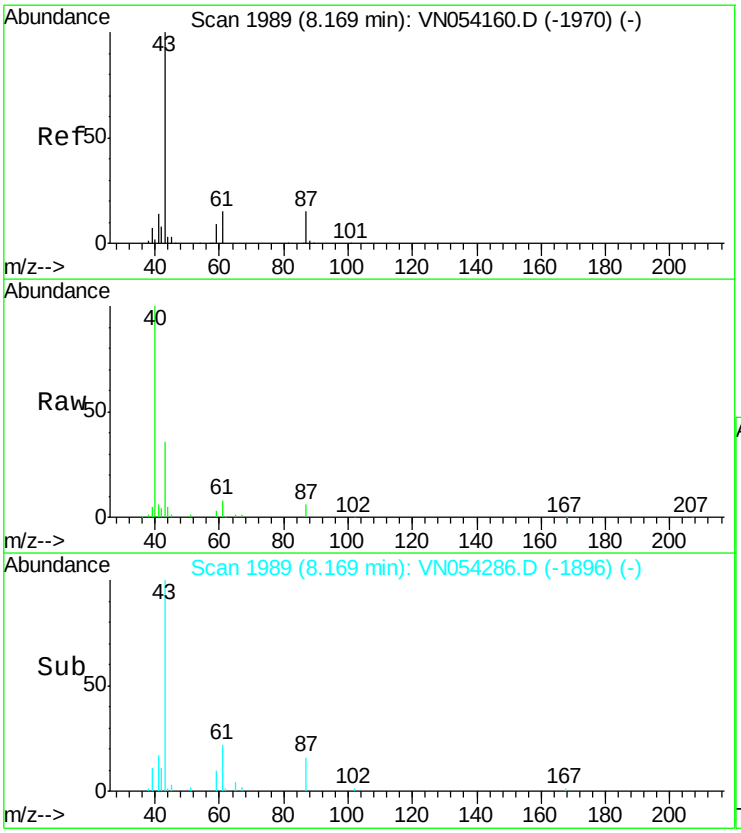
#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 108294

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.3	114.5#
121	0.0	24.6	36.8#

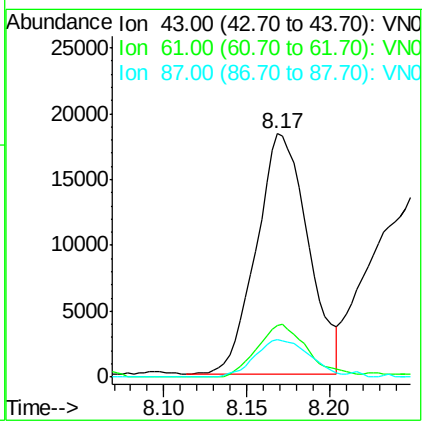


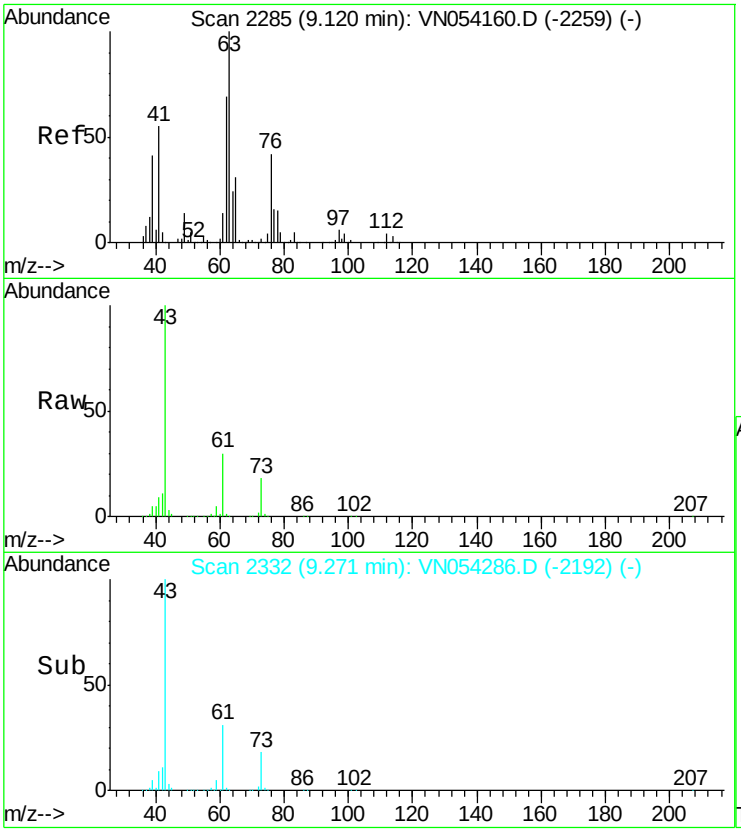


#43
Isopropyl Acetate
Concen: 1.901 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 43 Resp: 39851

Ion	Ratio	Lower	Upper
43	100		
61	21.3	15.8	23.8
87	16.5	12.0	18.0



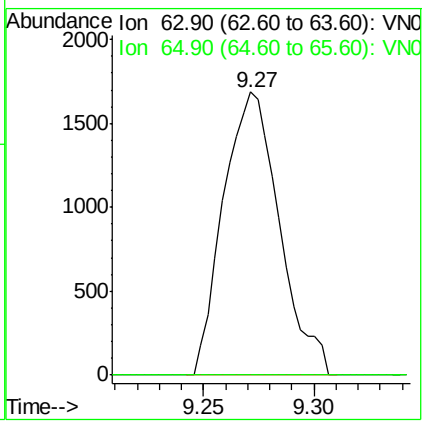


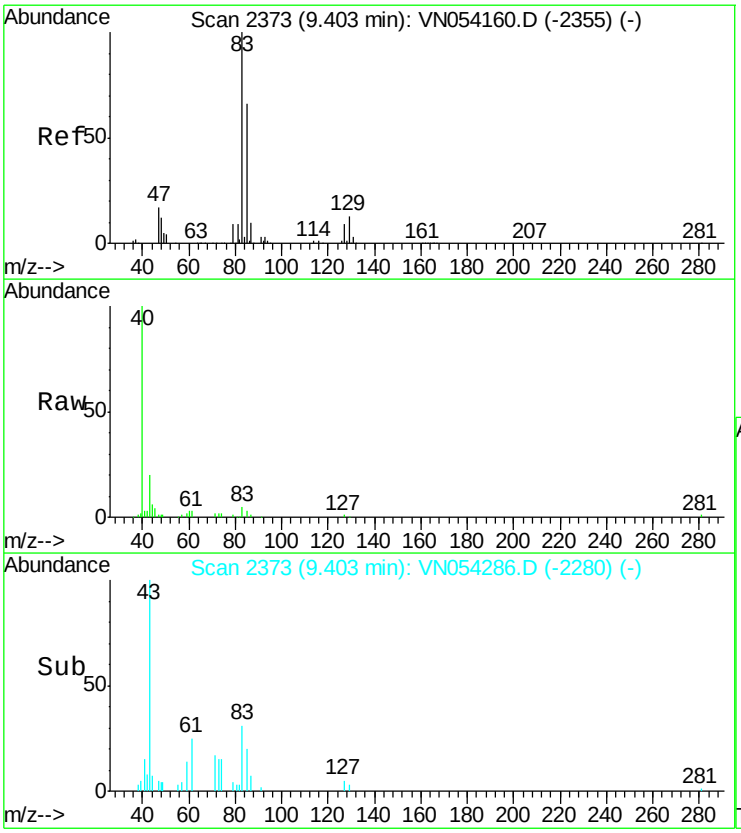
#45
1,2-Dichloropropane
Concen: 0.201 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 63 Resp: 2967

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

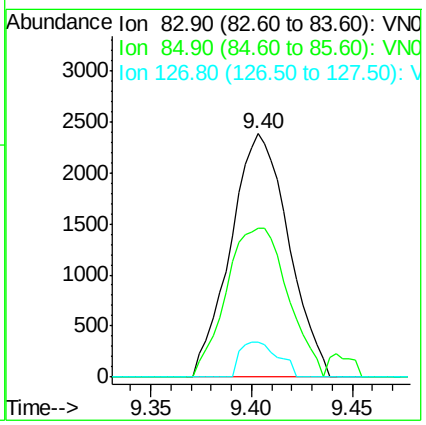


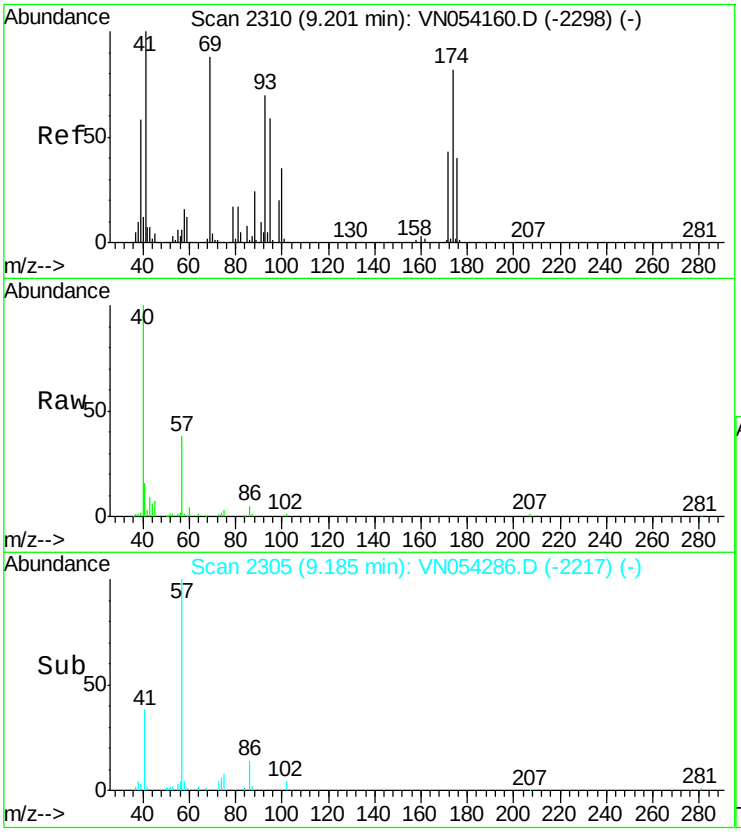


#47
Bromodichloromethane
Concen: 0.239 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 83 Resp: 4780

Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.8	79.2
127	14.6	7.4	11.2#



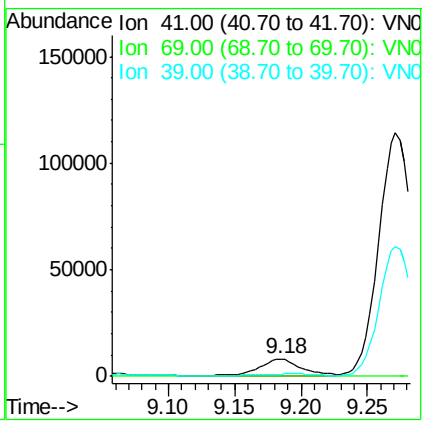


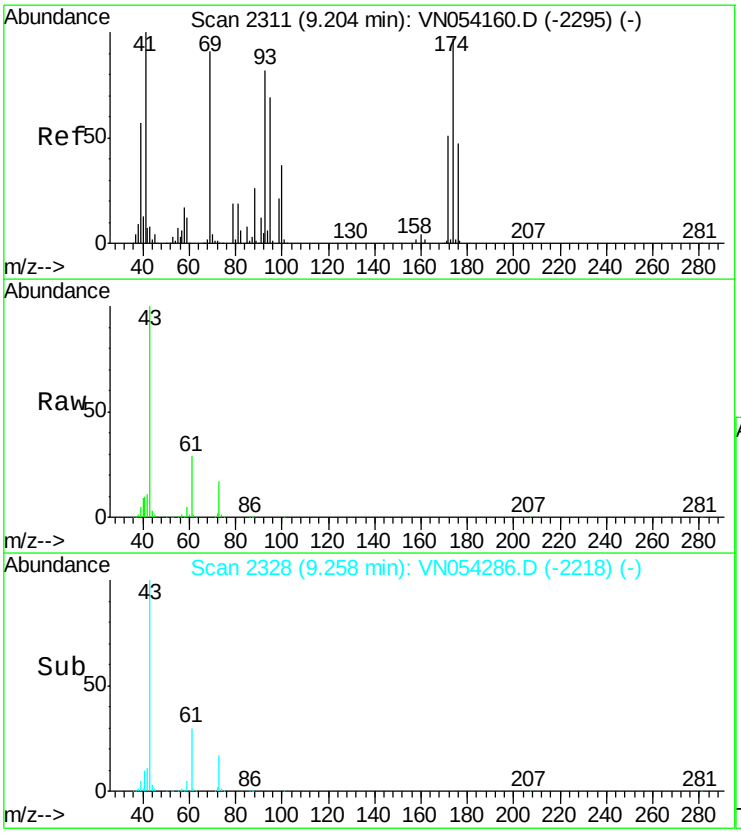
#48
Methyl methacrylate
Concen: 1.517 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 41 Resp: 16143

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	0.0	47.5	71.3#

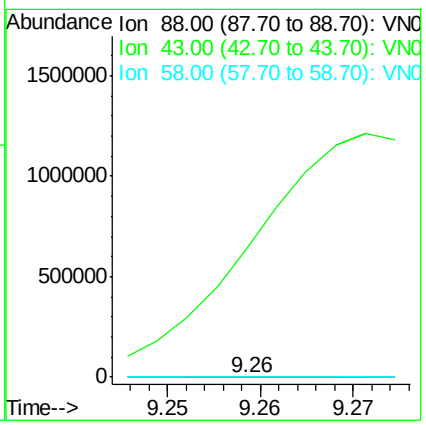


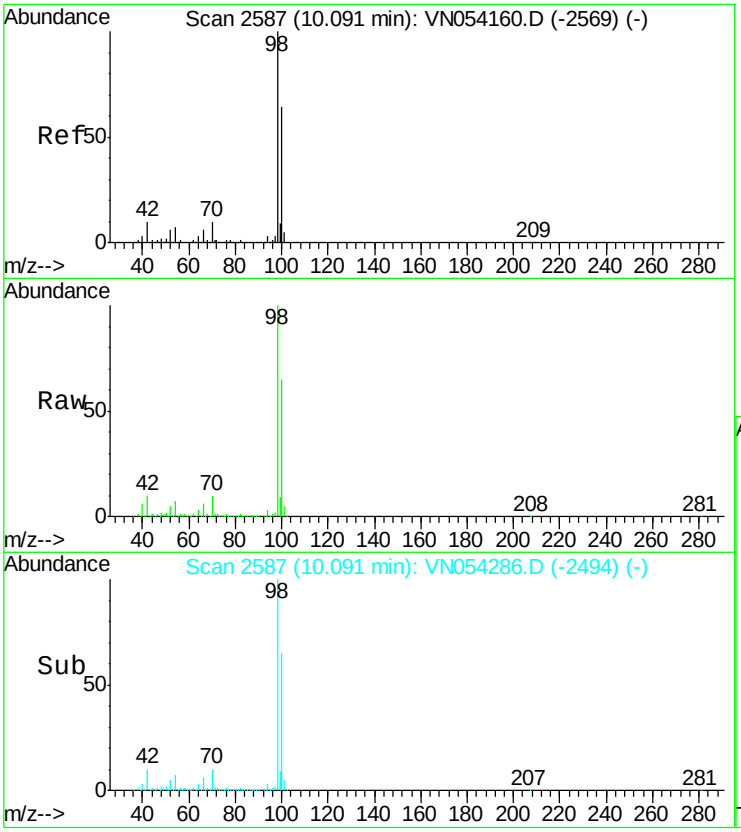


#49
1,4-Dioxane
Concen: 0.445 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.05 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.1	36.1#
58	0.0	50.8	76.2#



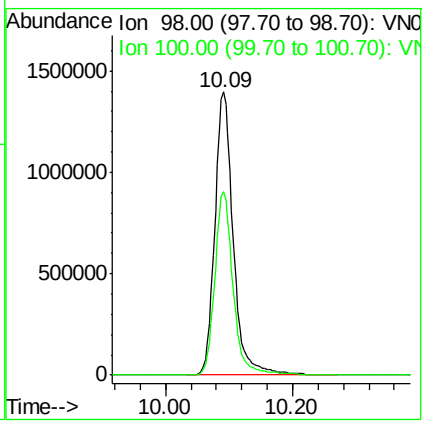


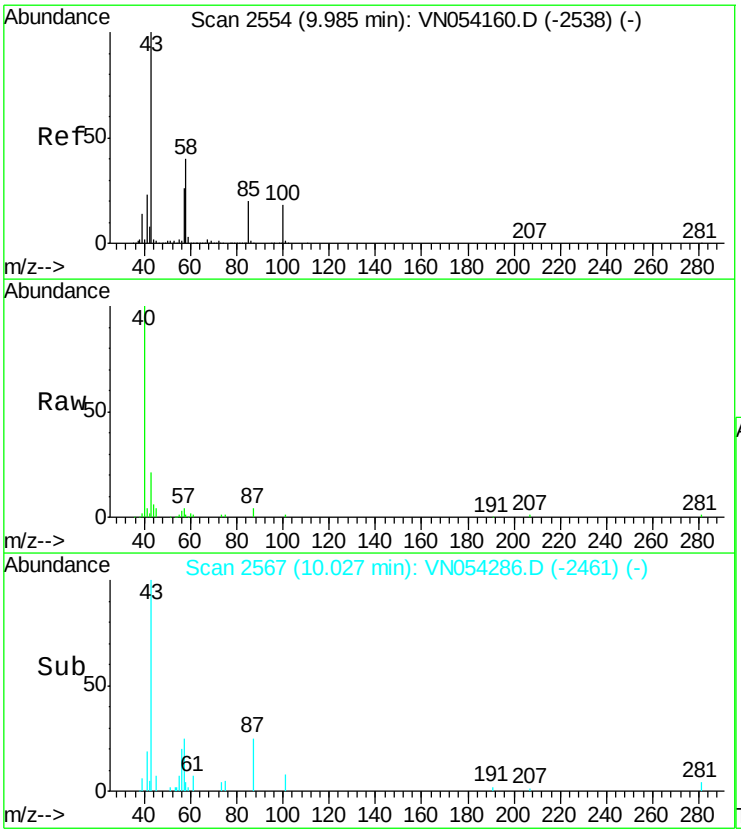
#50
Toluene-d8
Concen: 52.137 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion: 98 Resp: 2803311

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8

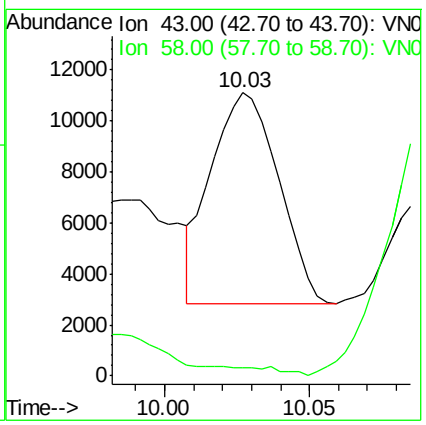


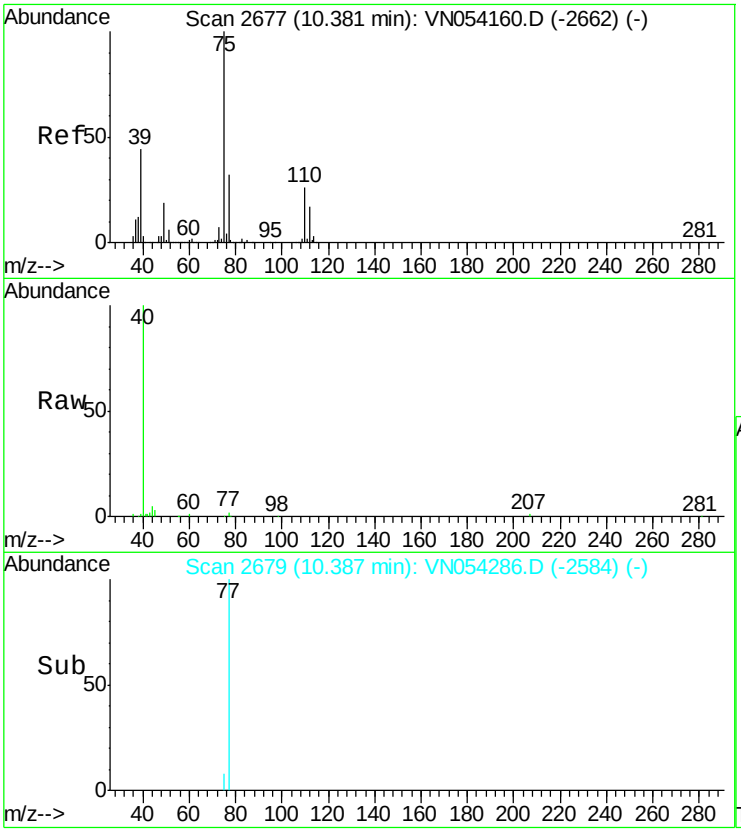


#51
4-Methyl-2-Pentanone
Concen: 1.201 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 43 Resp: 13327

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



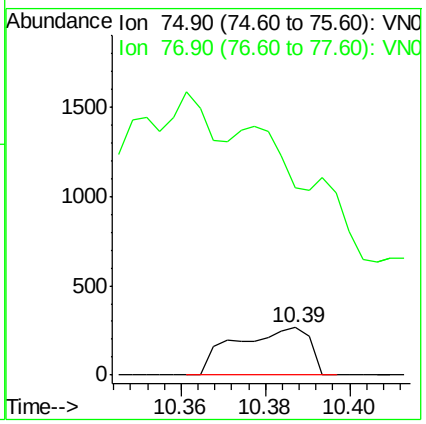


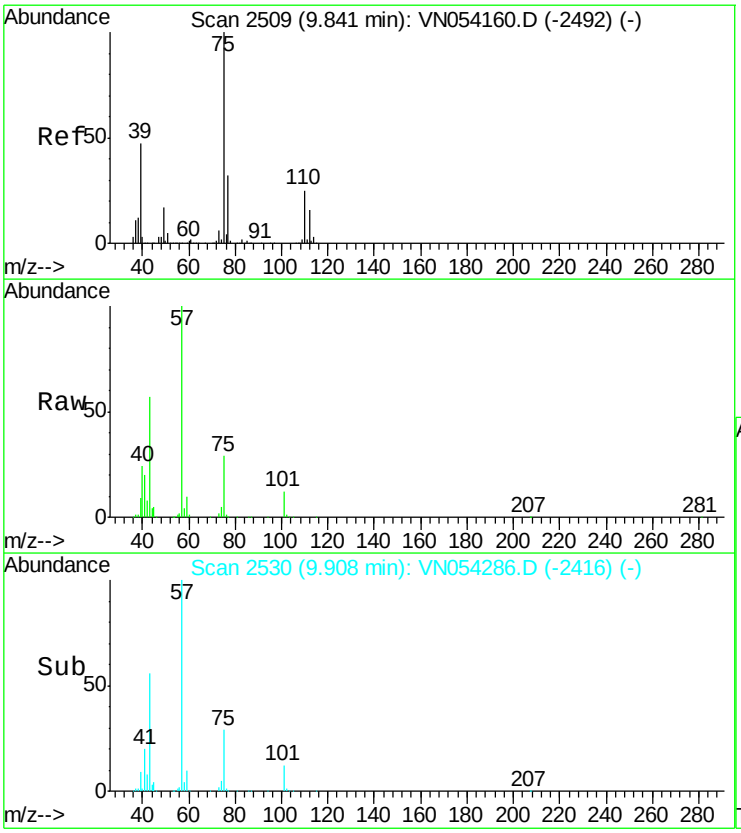
#53
t-1,3-Dichloropropene
Concen: 1.999 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 322

Ion	Ratio	Lower	Upper
75	100		
77	10.2	25.8	38.8#

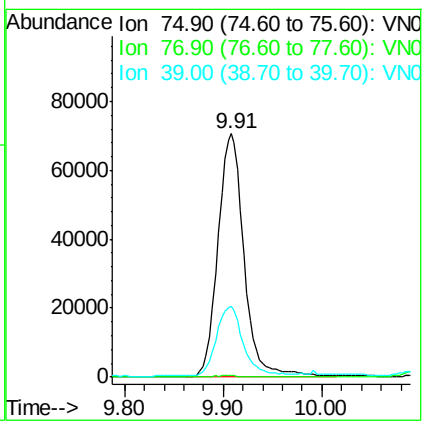


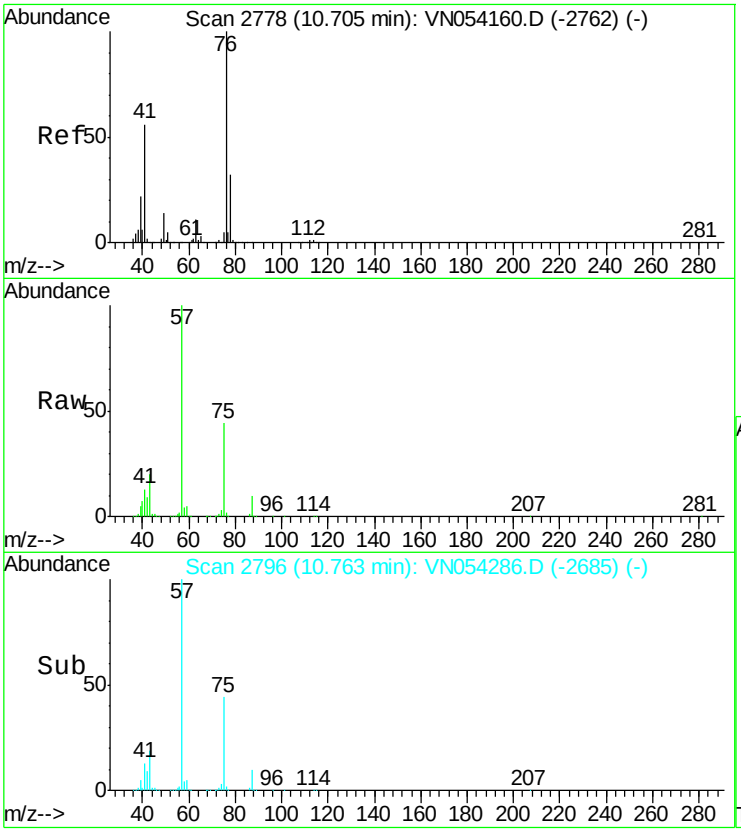


#54
cis-1,3-Dichloropropene
Concen: 5.647 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 75 Resp: 131656

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.4	38.0#
39	28.4	37.2	55.8#



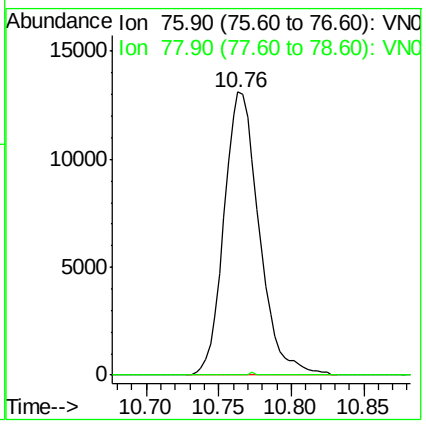


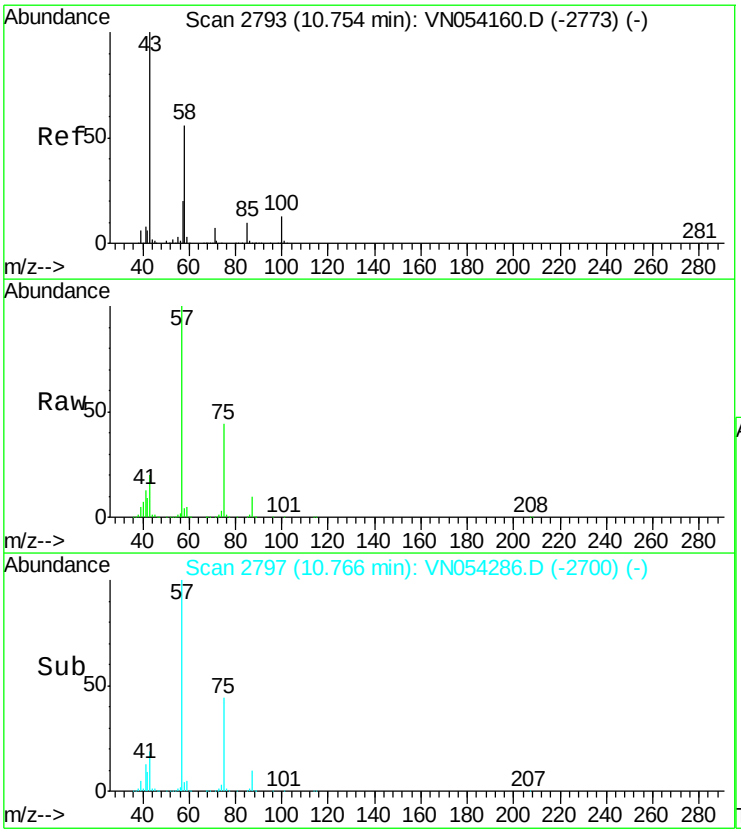
#57
1,3-Dichloropropane
Concen: 0.983 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 76 Resp: 22138

Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.7	38.5#

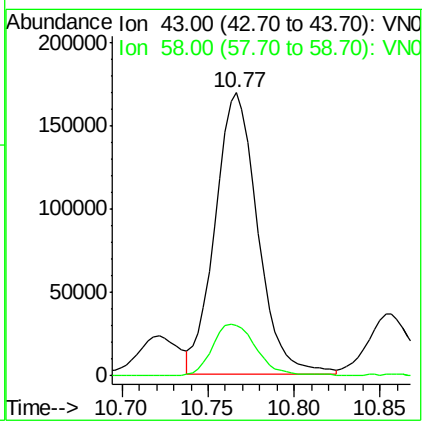


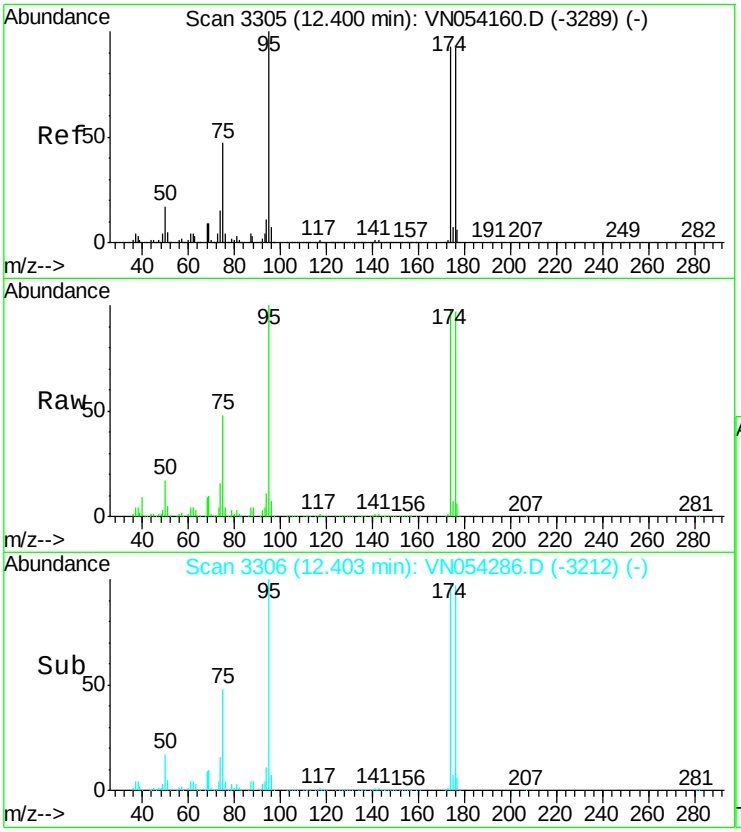


#59
2-Hexanone
Concen: 39.383 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 43 Resp: 290754

Ion	Ratio	Lower	Upper
43	100		
58	19.4	28.0	83.9#



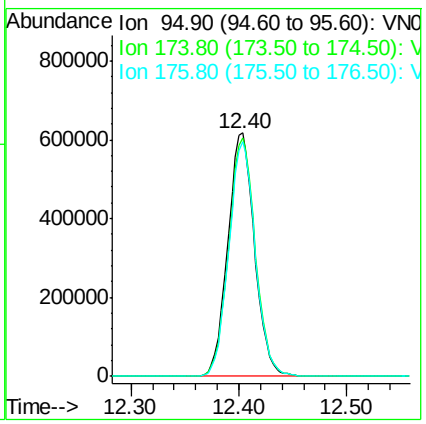


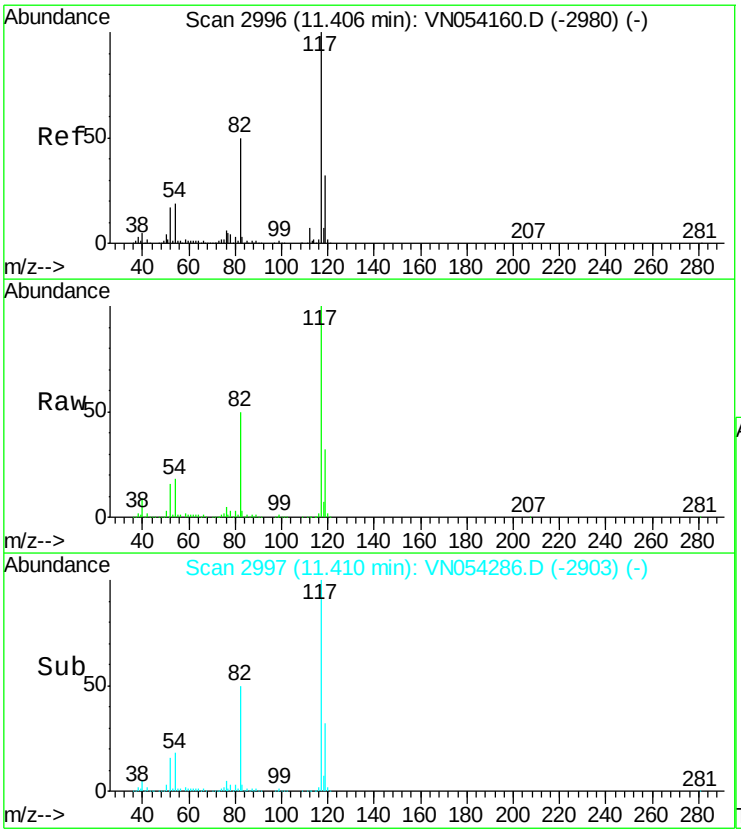
#62
4-Bromofluorobenzene
Concen: 56.697 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion: 95 Resp: 1066664

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	191.0
176	95.5	0.0	187.4

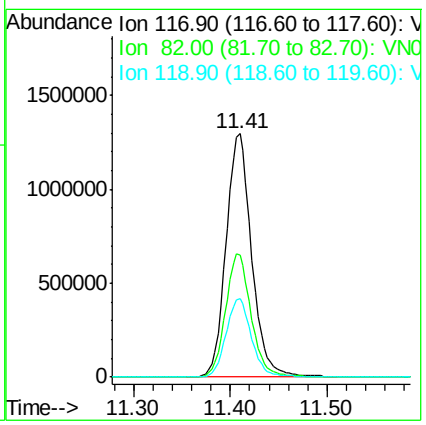


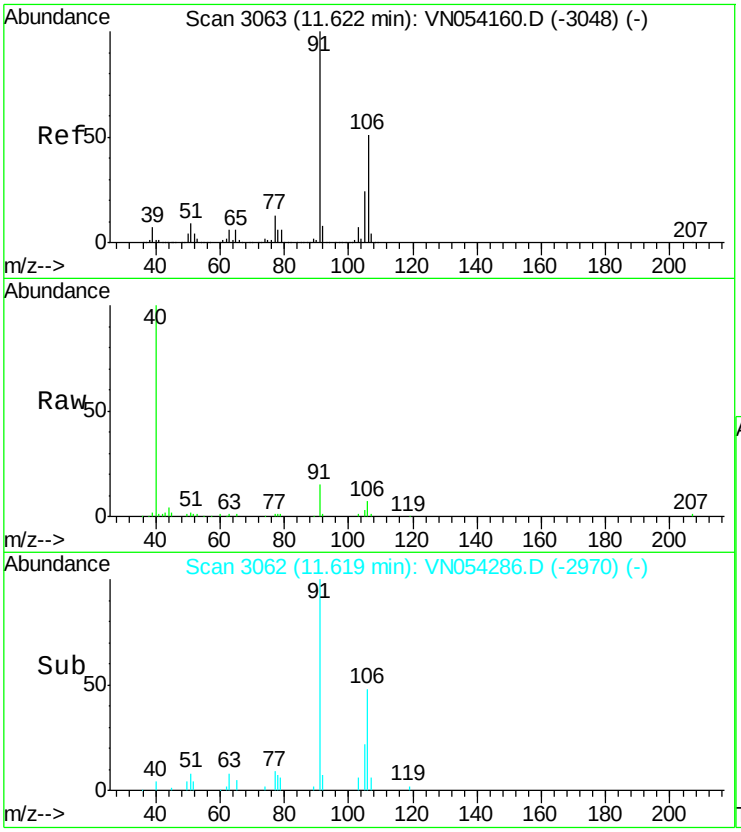


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion:117 Resp: 2382179

Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.0	60.0
119	32.2	25.8	38.6



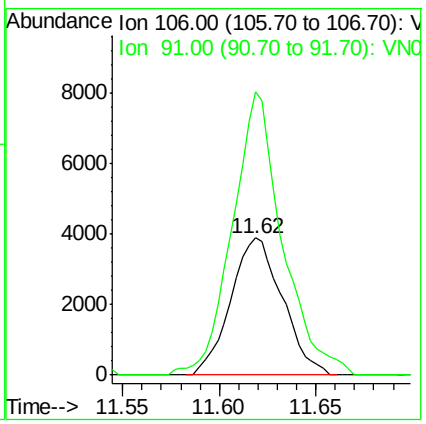


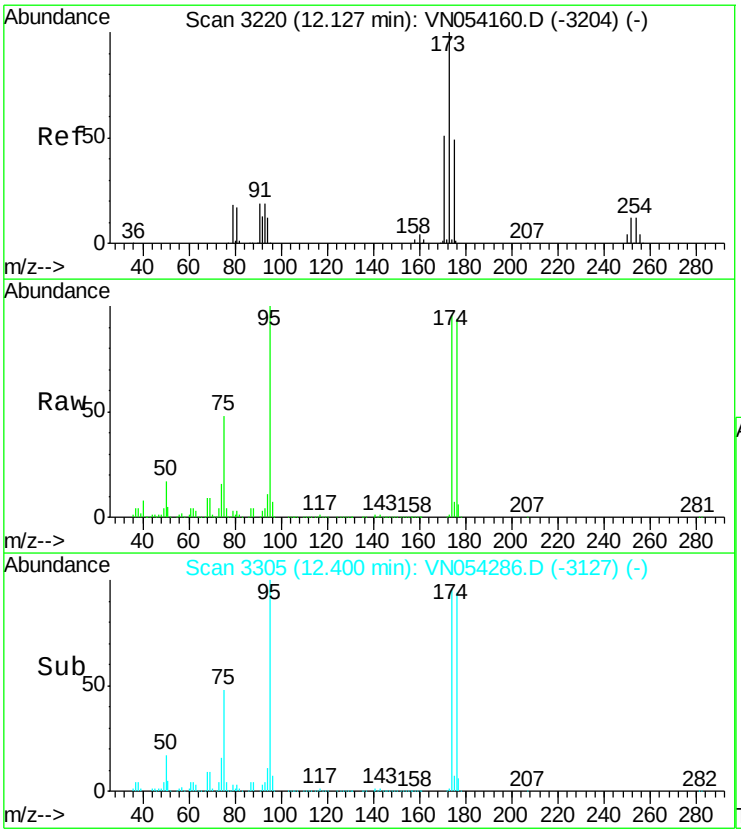
#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion:106 Resp: 7230

Ion	Ratio	Lower	Upper
106	100		
91	200.5	159.4	239.2

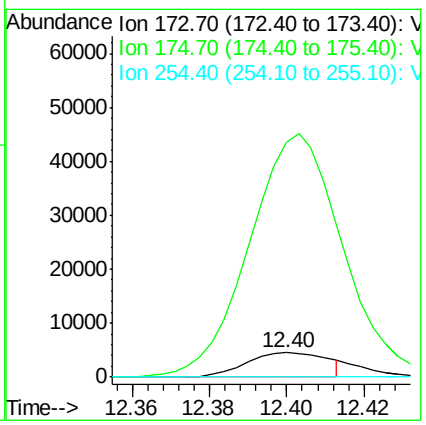


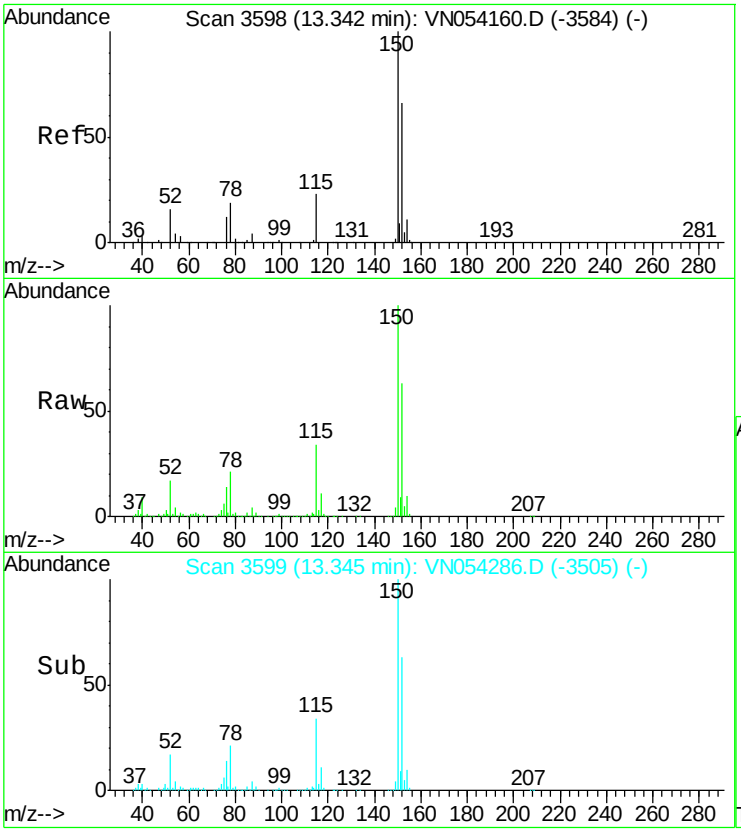


#71
Bromoform
Concen: 2.783 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion:173 Resp: 6576

Ion	Ratio	Lower	Upper
173	100		
175	978.7	24.4	73.2#
254	0.0	0.1	0.1#



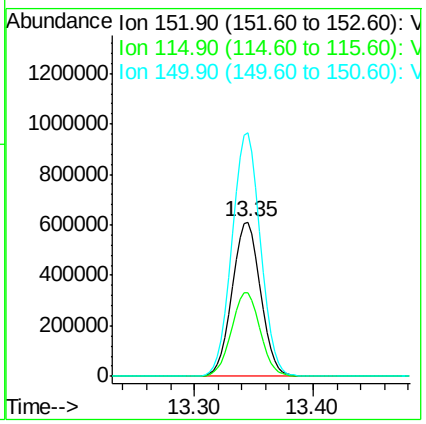


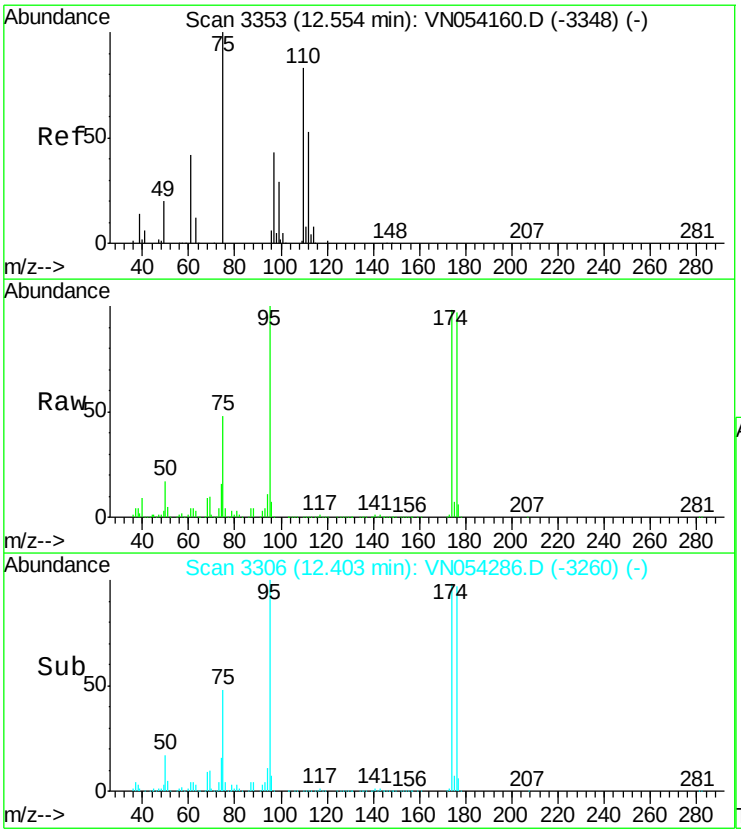
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument : MSVOA_N
ClientSampleId : TP-2

Tgt Ion:152 Resp: 1012741

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.2	81.6
150	158.0	0.0	349.2

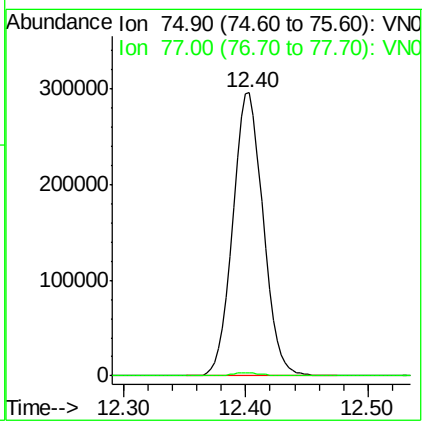


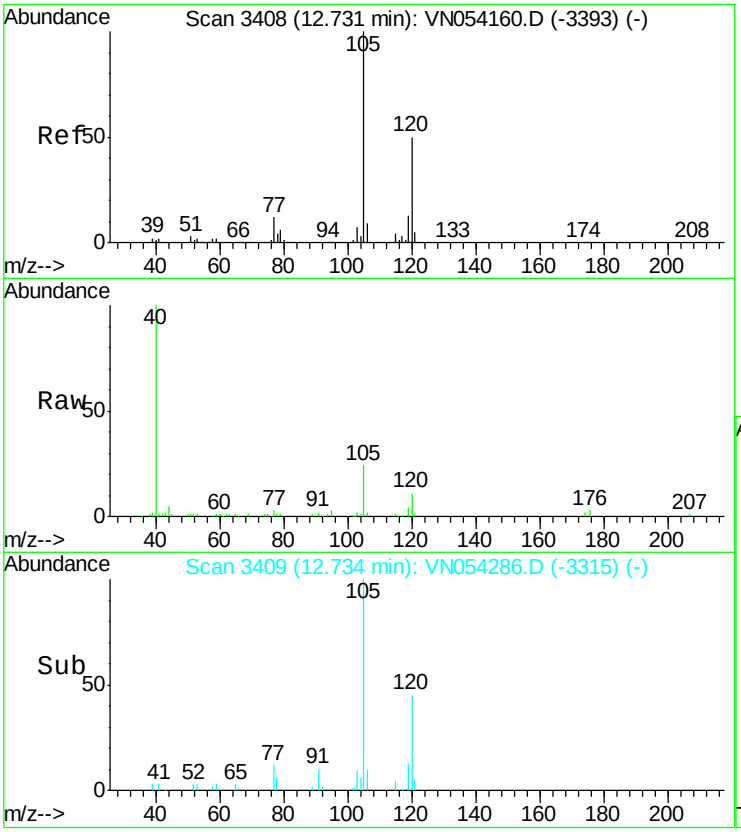


#76
1,2,3-Trichloropropane
Concen: 34.311 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 75 Resp: 510986

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



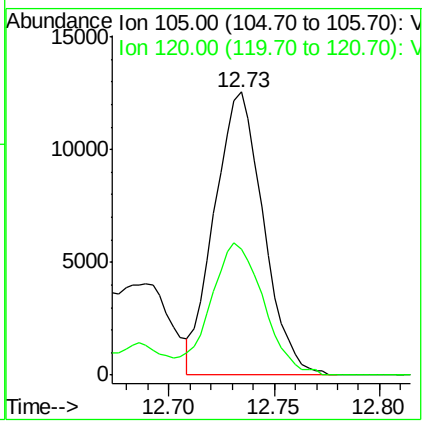


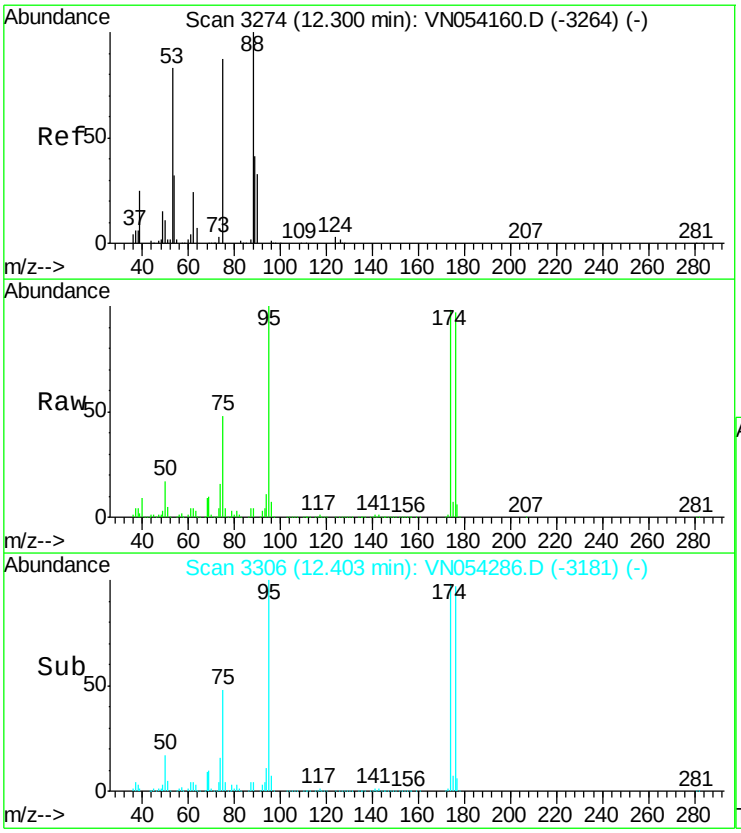
#80
1,3,5-Trimethylbenzene
Concen: 0.301 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:105 Resp: 20261

Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.0	75.0

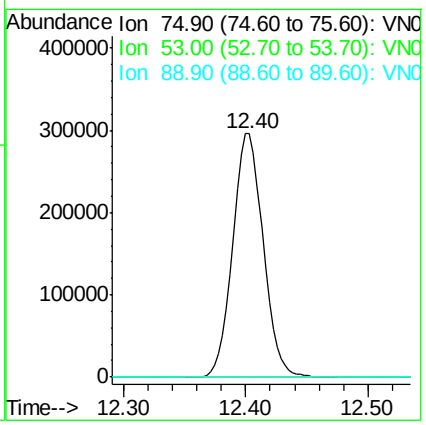


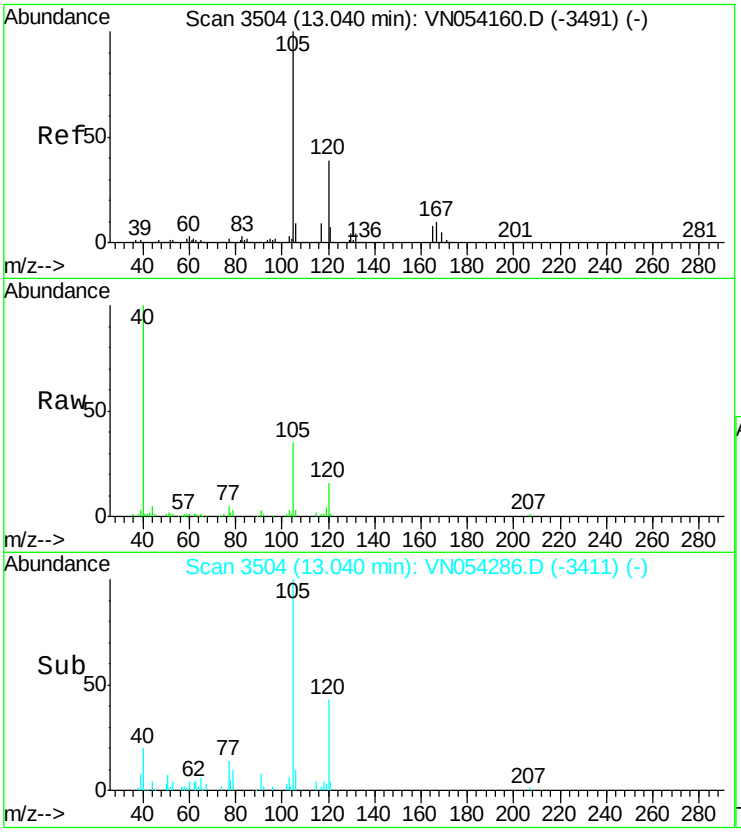


#81
trans-1,4-Dichloro-2-butene
Concen: 117.290 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion: 75 Resp: 510986

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



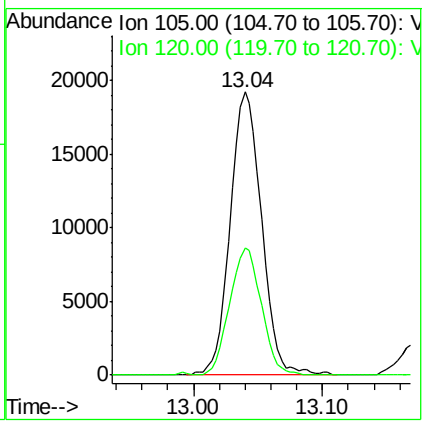


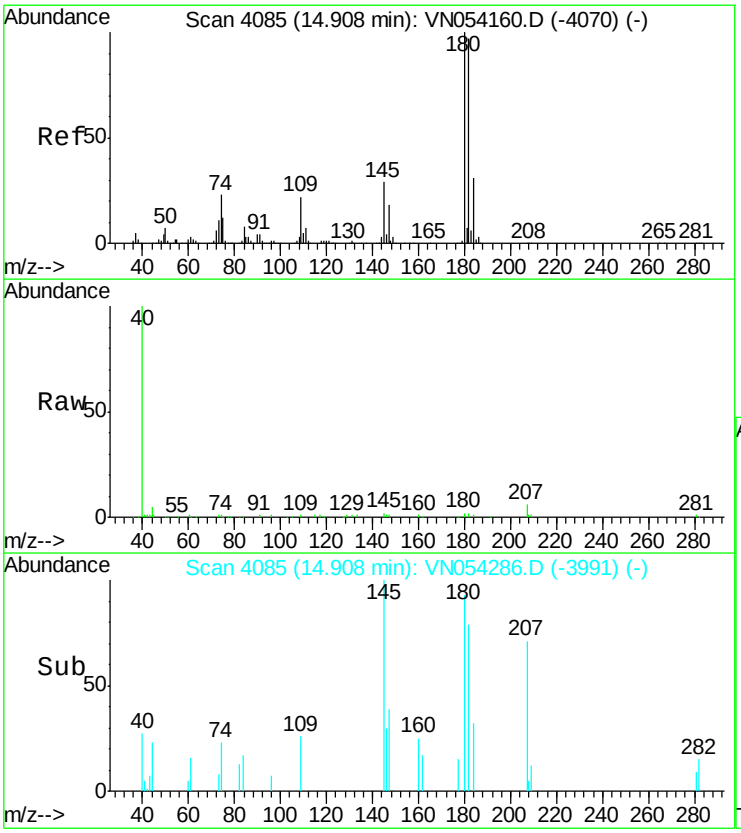
#84
1,2,4-Trimethylbenzene
Concen: 0.491 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:105 Resp: 32488

Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.4	70.3

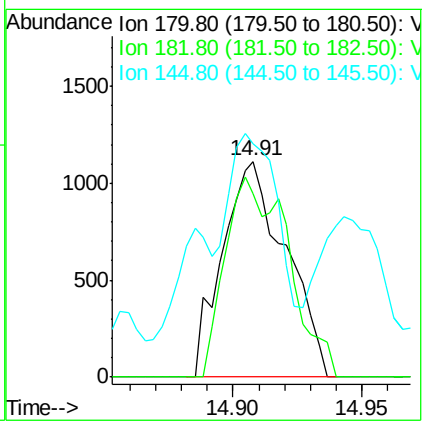


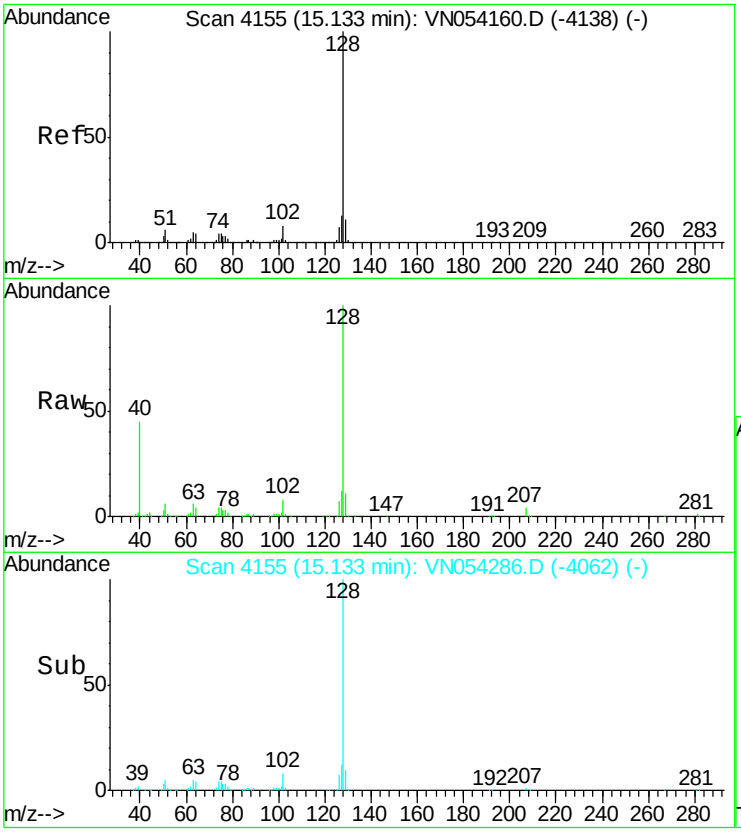


#93
1,2,4-Trichlorobenzene
Concen: 2.601 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Tgt Ion:180 Resp: 1895

Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.0	144.2
145	99.2	14.2	42.8#





#95
Naphthalene
Concen: 8.122 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:128 Resp: 222052

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.7	8.7	13.1