Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
Data File : VN054588.D
Acq On : 23 Mar 2019 6:00
Operator : JC/SP
Sample : K2045-14
Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP022SB436-190320-FD-(20-22)

Quant Time: Mar 25 01:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	552909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	865476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	756159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	328959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	347088	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
35) Dibromofluoromethane	7.59	113	257111	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.22%			
50) Toluene-d8	10.09	98	1055353	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
62) 4-Bromofluorobenzene	12.40	95	346520	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.19	62	16701	2.313	ug/l	97
11) Tert butyl alcohol	4.78	59	172	0.413	ug/l #	70
18) Methyl Acetate	4.33	43	2465	0.535	ug/l #	68
20) Methylene Chloride	4.55	84	2866	0.470	ug/l #	87
27) cis-1,2-Dichloroethene	6.82	96	21489	3.308	ug/l	96
31) Cyclohexane	7.65	56	12749	Below Cal	#	38
36) 1,1-Dichloropropene	7.66	75	40486	5.003	ug/l #	48
38) Carbon Tetrachloride	7.66	117	51658	6.569	ug/l #	16
39) Methylcyclohexane	9.08	83	6409	0.692	ug/l #	94
53) t-1,3-Dichloropropene	10.25	75	244	2.261	ug/l #	40
65) Chlorobenzene	11.43	112	236775	15.396	ug/l	99
71) Bromoform	12.40	173	3447	3.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	180038	34.490	ug/l #	100
78) n-propylbenzene	12.59	91	6220	0.216	ug/l	83
80) 1,3,5-Trimethylbenzene	12.89	105	4467	0.206	ug/l	68
81) trans-1,4-Dichloro-2-buten	12.40	75	180038	114.527	ug/l #	11
85) sec-Butylbenzene	13.17	105	5084	0.216	ug/l #	57
87) 1,3-Dichlorobenzene	13.28	146	74263	6.816	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	210256	19.835	ug/l	95
89) n-Butylbenzene	13.61	91	5053	0.306	ug/l #	77
91) 1,2-Dichlorobenzene	13.65	146	624547	59.184	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	27598	5.246	ug/l	93
96) 1,2,3-Trichlorobenzene	15.32	180	6914	1.321	ug/l #	81

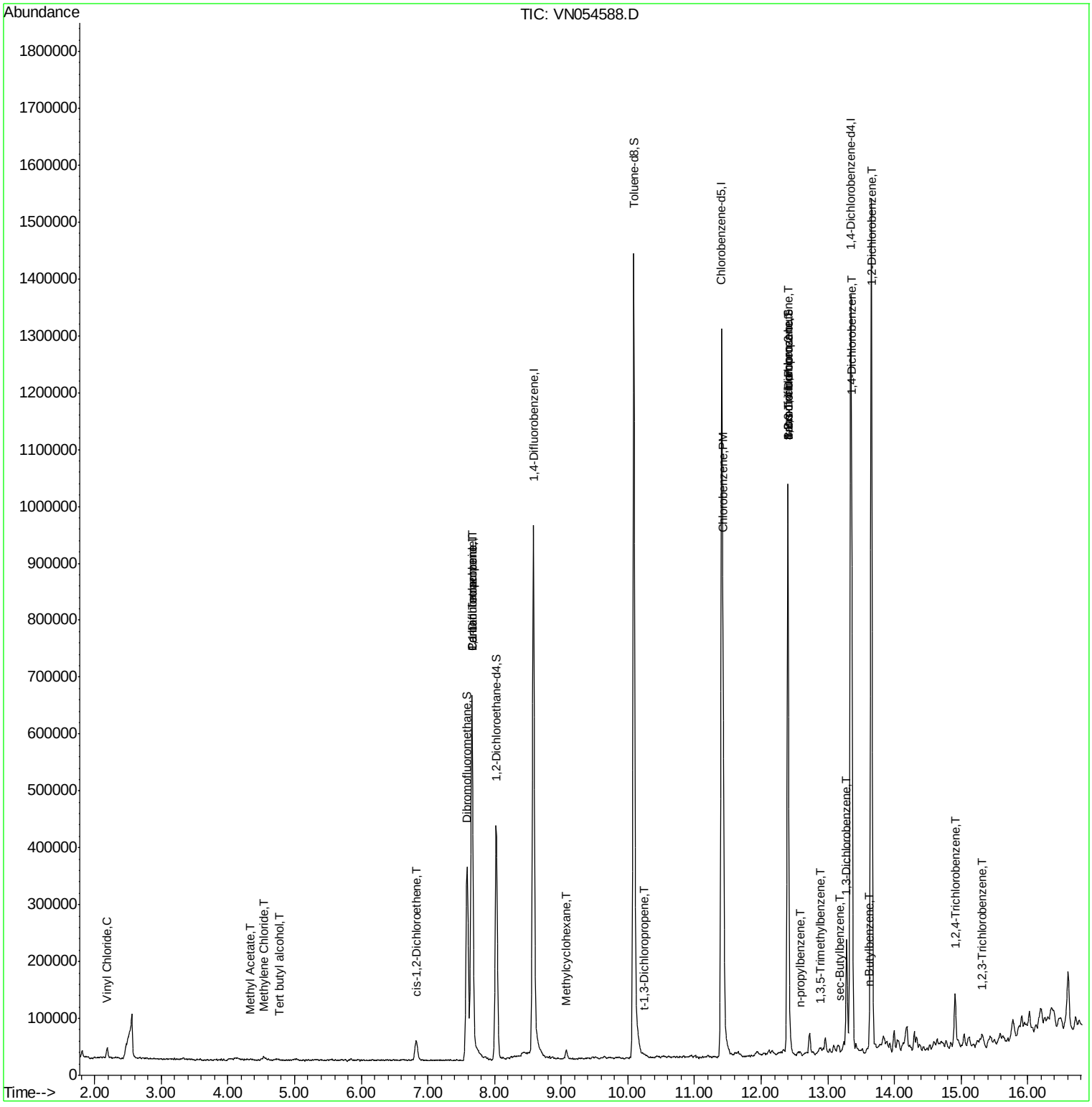
(#) = qualifier out of range (m) = manual integration (+) = signals summed

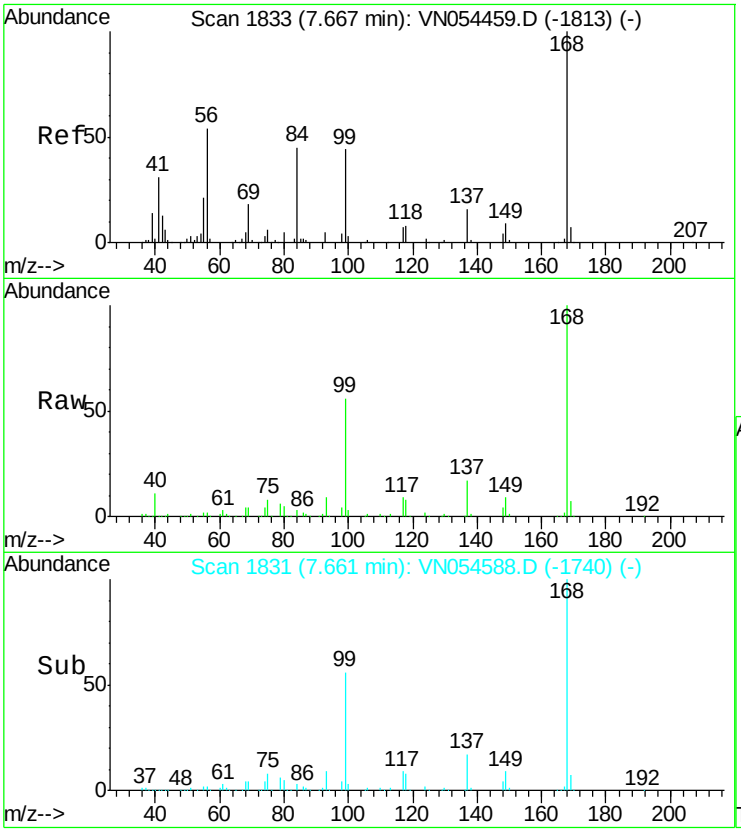
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
Data File : VN054588.D
Acq On : 23 Mar 2019 6:00
Operator : JC/SP
Sample : K2045-14
Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Quant Time: Mar 25 01:50:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



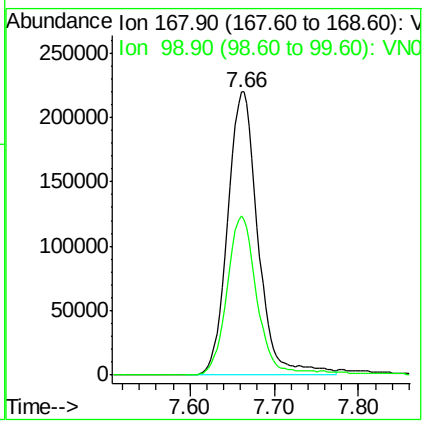


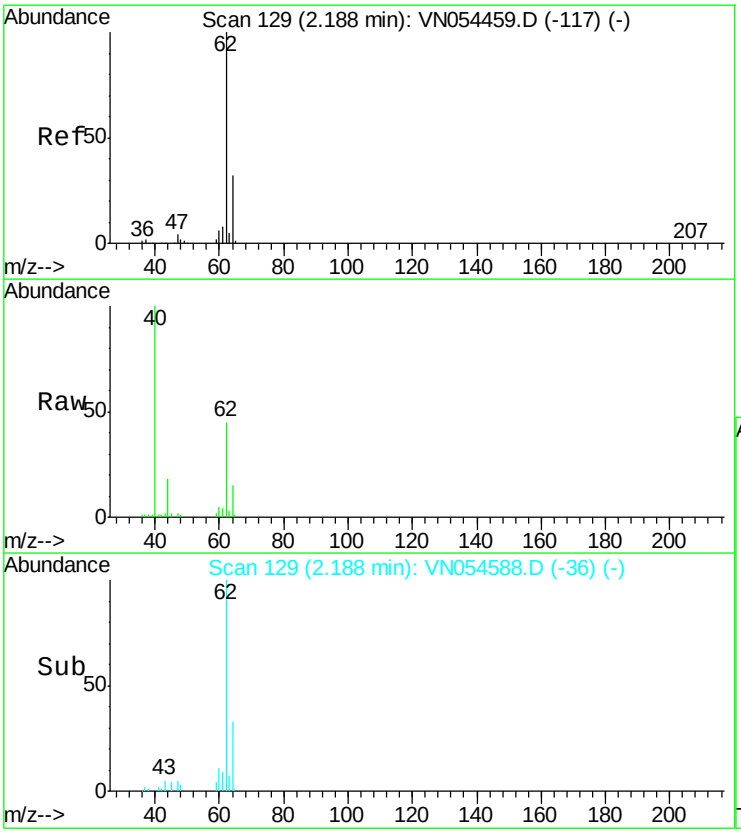
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:168 Resp: 552909

Ion	Ratio	Lower	Upper
168	100		
99	56.1	37.1	55.7#

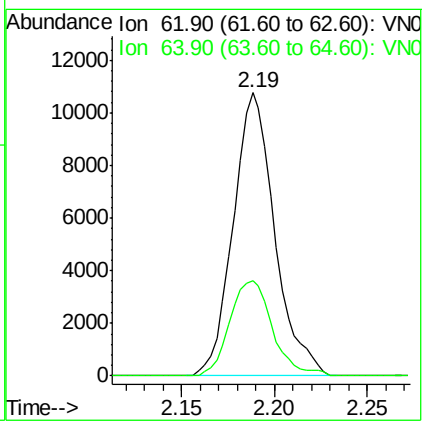


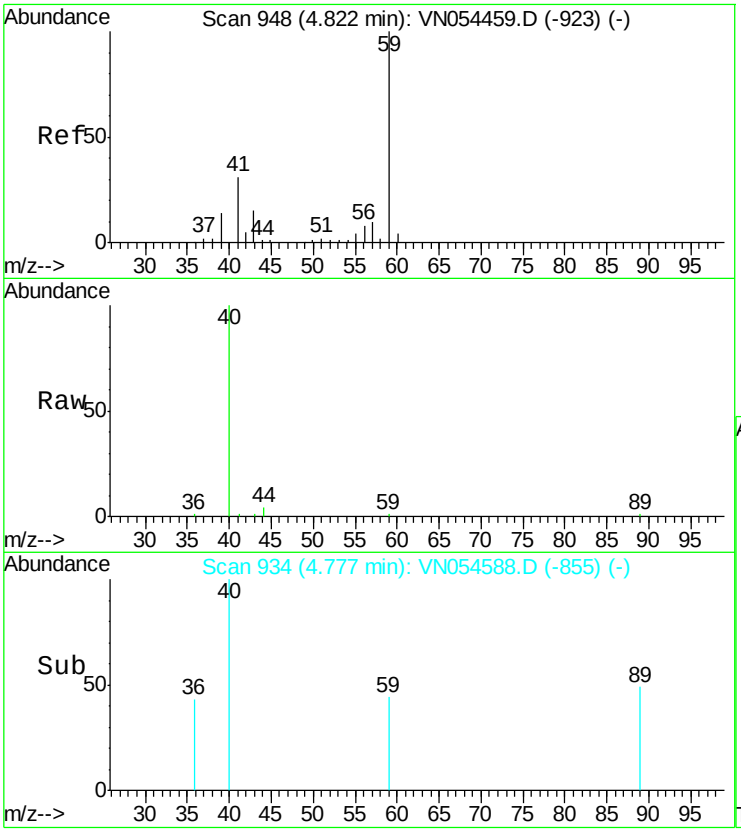


#4
Vinyl Chloride
Concen: 2.313 ug/l
RT: 2.19 min Scan# 129
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 62 Resp: 16701

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.5	38.3



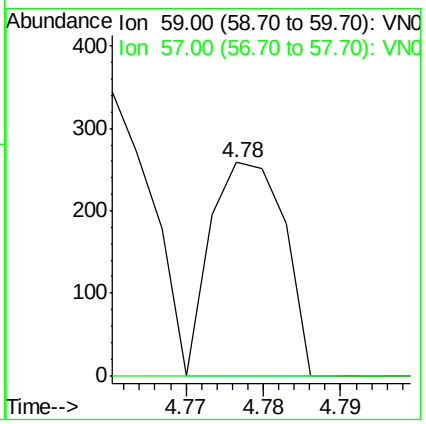


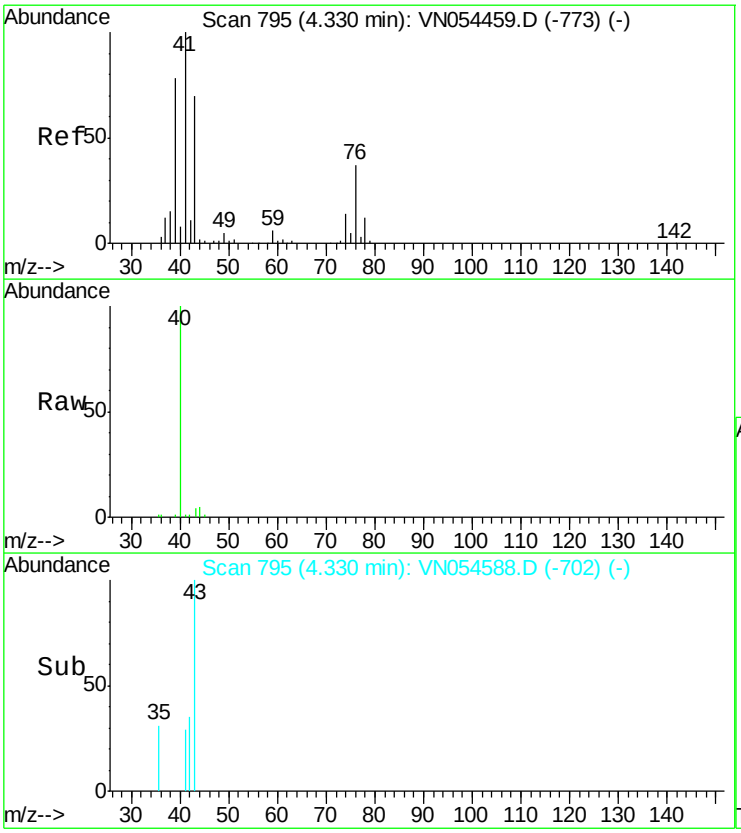
#11
Tert butyl alcohol
Concen: 0.413 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.04 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 59 Resp: 172

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

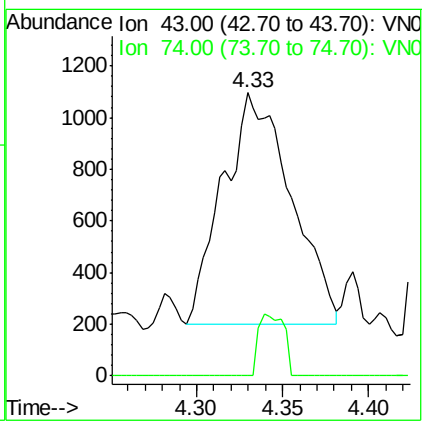


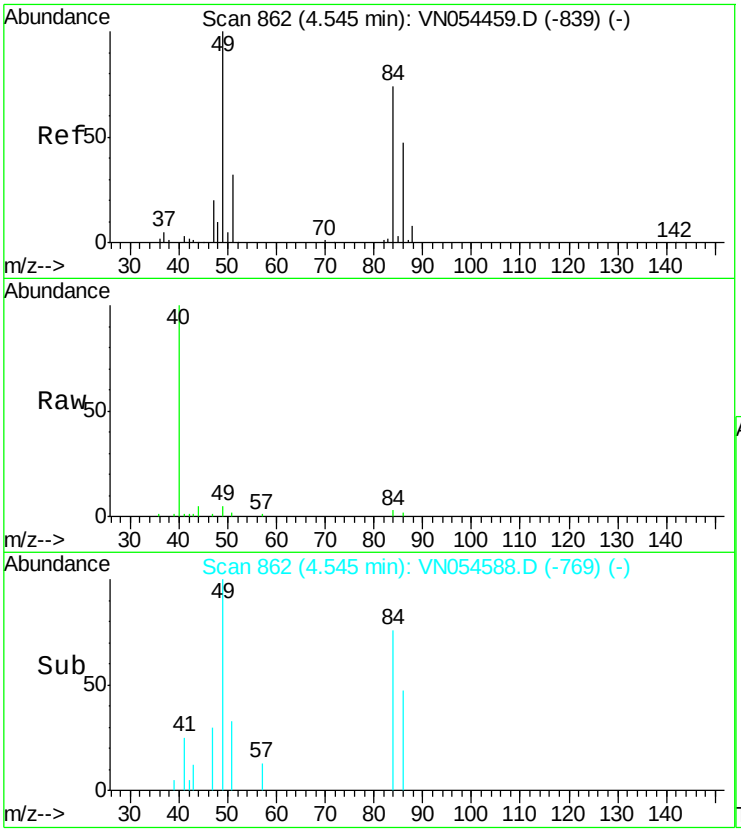


#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 43 Resp: 2465

Ion	Ratio	Lower	Upper
43	100		
74	9.9	20.8	31.2#



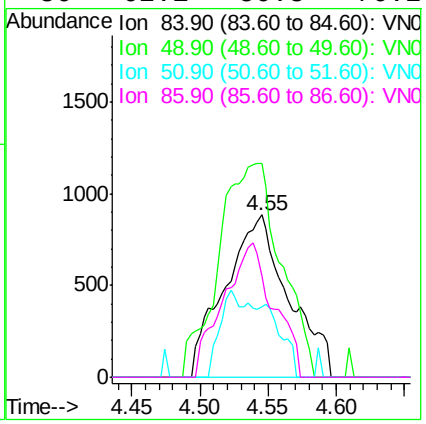


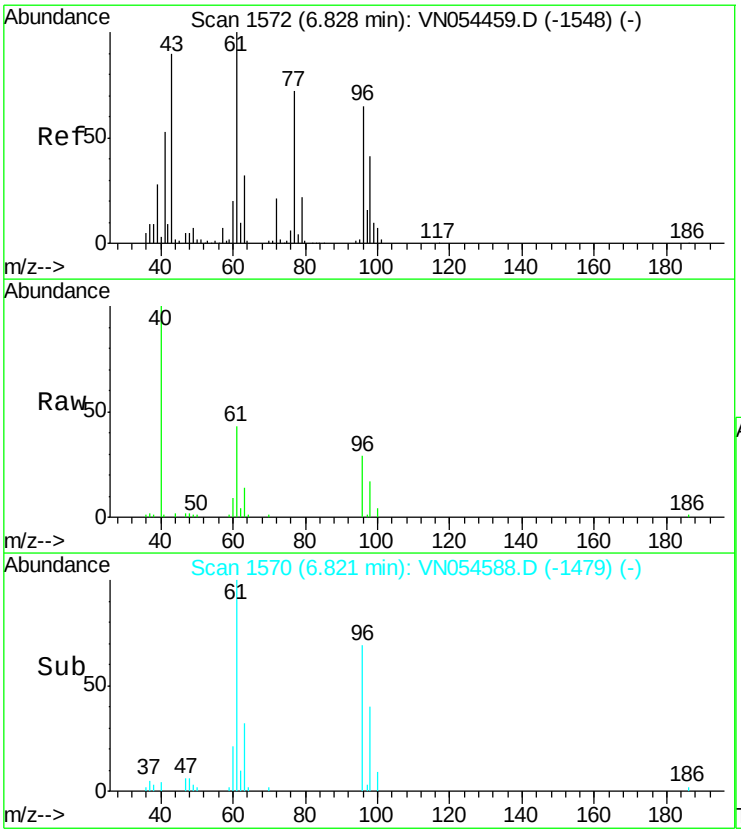
#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 84 Resp: 2866

Ion	Ratio	Lower	Upper
84	100		
49	131.7	89.7	134.5
51	43.5	28.2	42.4#
86	62.1	50.8	76.2

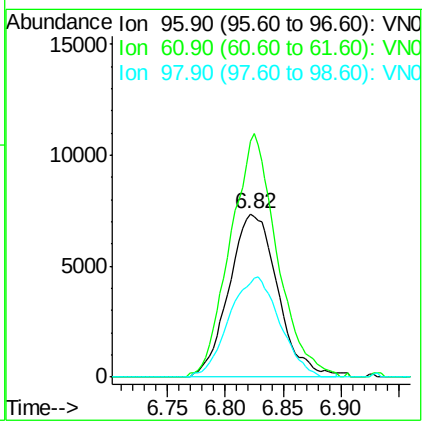


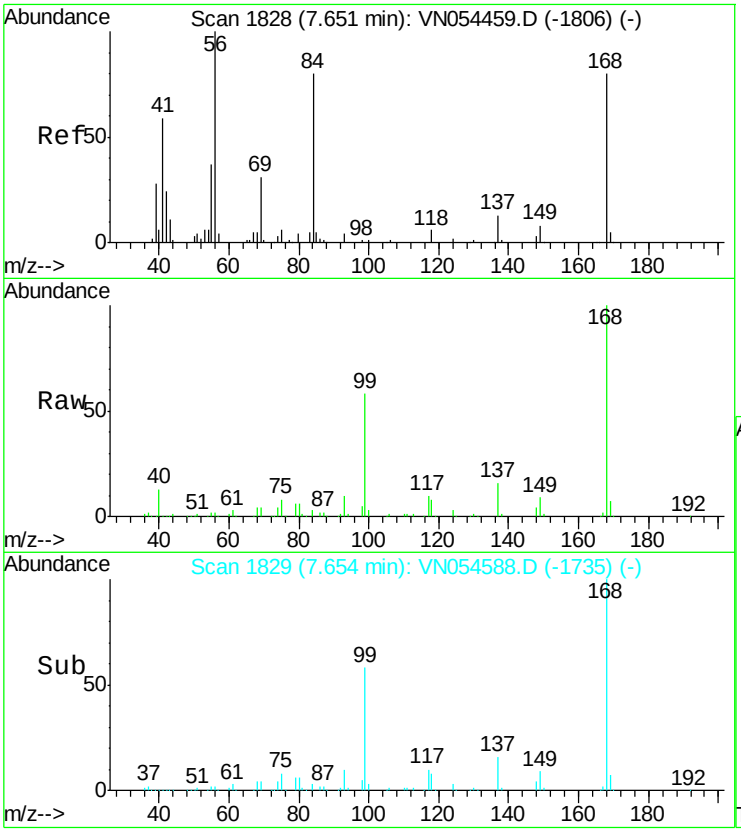


#27
cis-1,2-Dichloroethene
Concen: 3.308 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 96 Resp: 21489

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	273.0
98	63.7	0.0	130.6



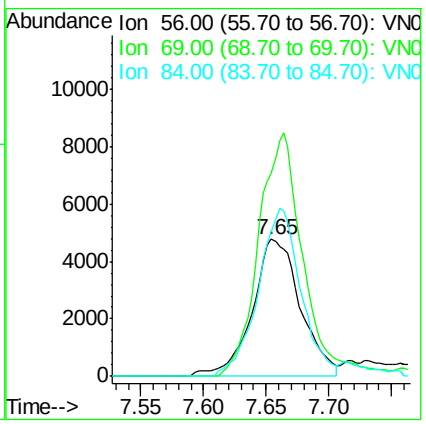


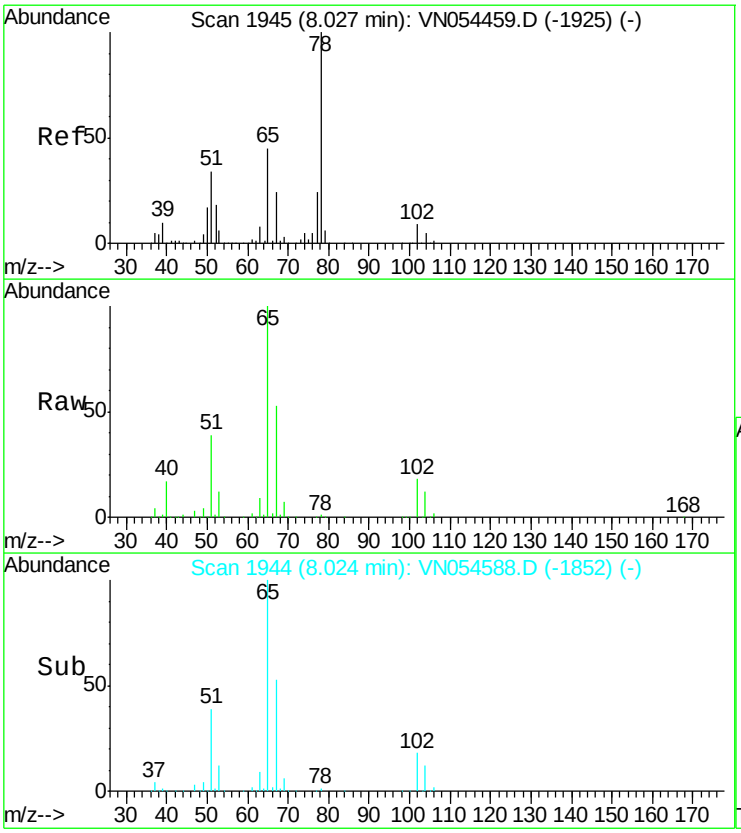
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument : MSVOA_N
ClientSampleId : WP022SB436-190320-FD-(20-22)

Tgt Ion: 56 Resp: 12749

Ion	Ratio	Lower	Upper
56	100		
69	148.0	27.8	41.6#
84	105.2	74.6	111.8

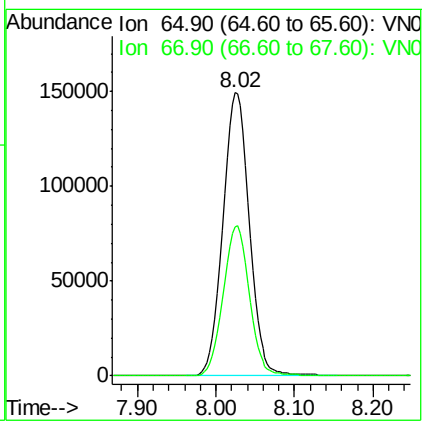


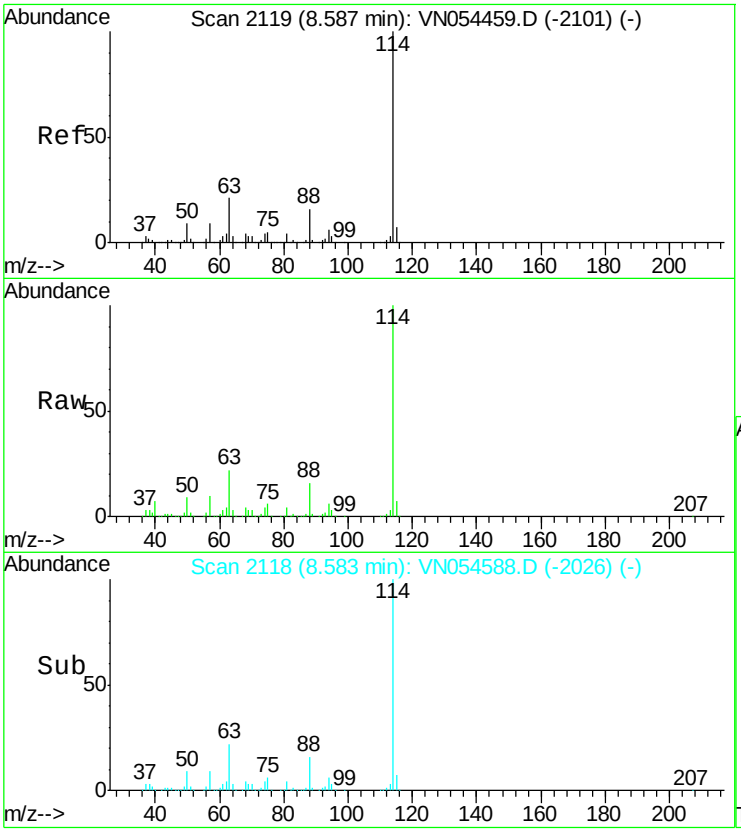


#33
1,2-Dichloroethane-d4
Concen: 50.469 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 65 Resp: 347088

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.6



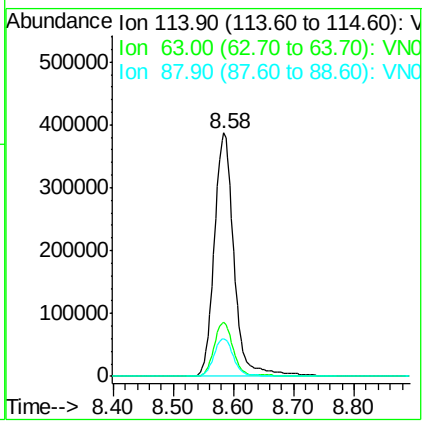


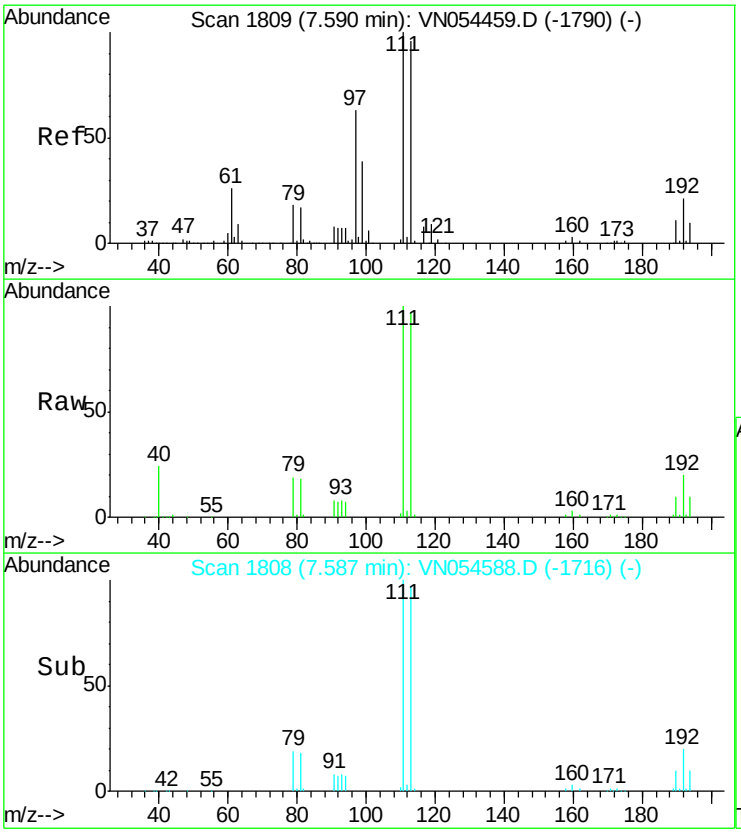
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:114 Resp: 865476

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	15.6	0.0	30.2

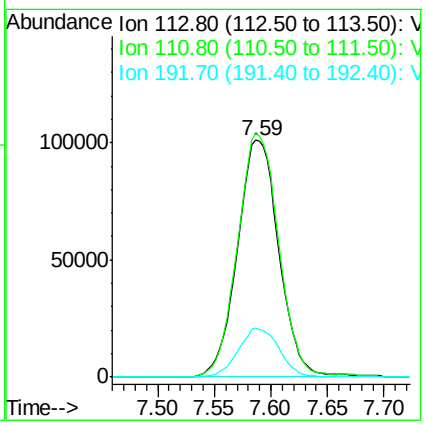


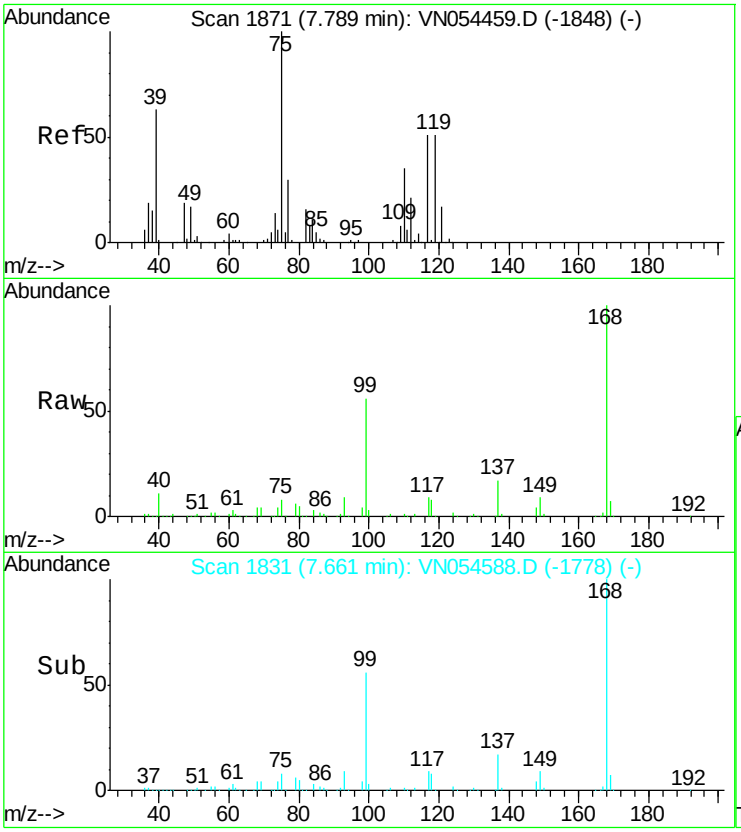


#35
Dibromofluoromethane
Concen: 46.112 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:113 Resp: 257111

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	20.4	19.2	28.8



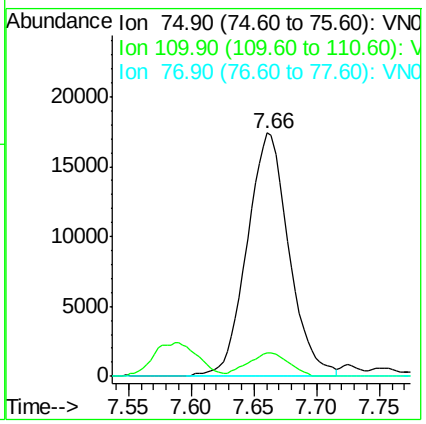


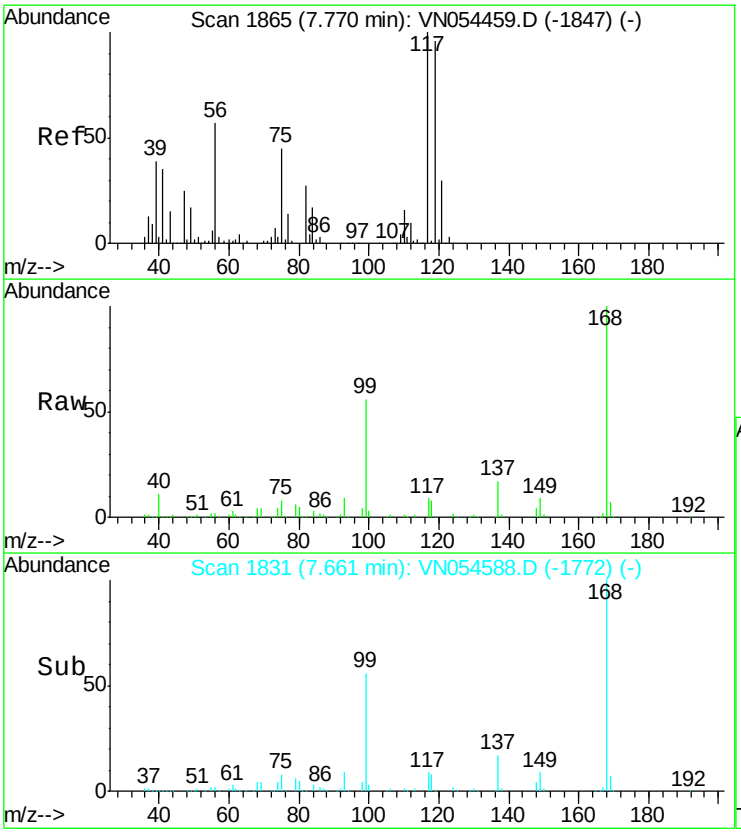
#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 75 Resp: 40486

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	0.0	25.0	37.4#

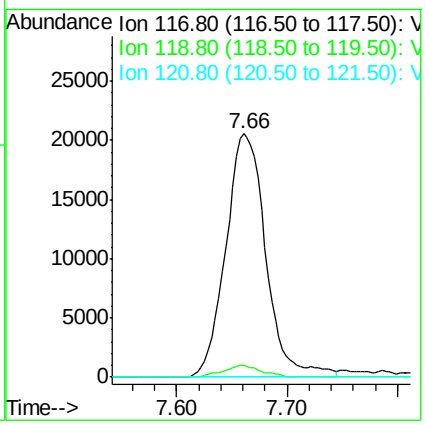


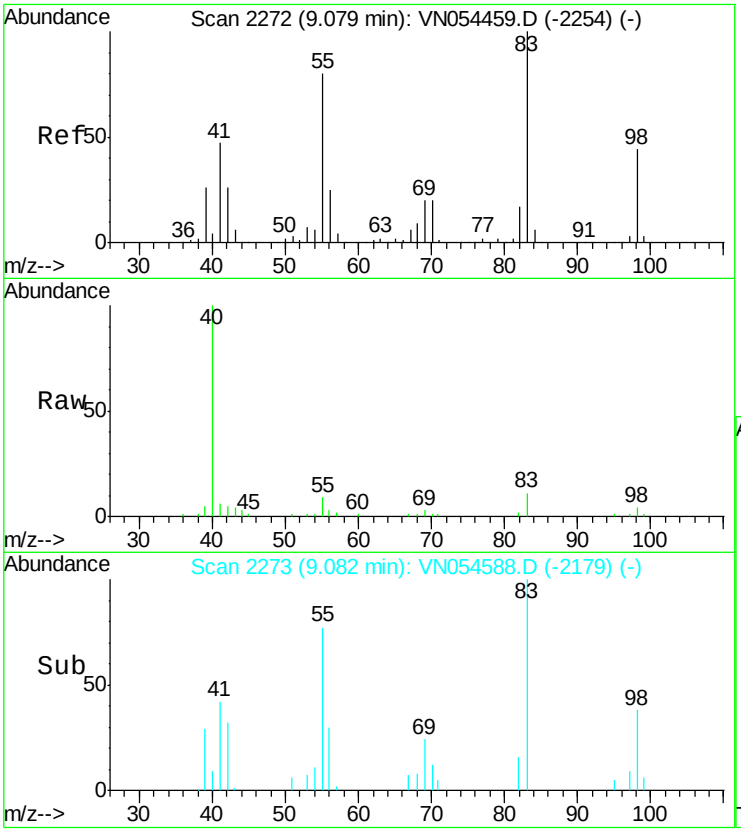


#38
Carbon Tetrachloride
Concen: 6.569 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:117 Resp: 51658

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.3	114.5#
121	0.0	24.6	36.8#



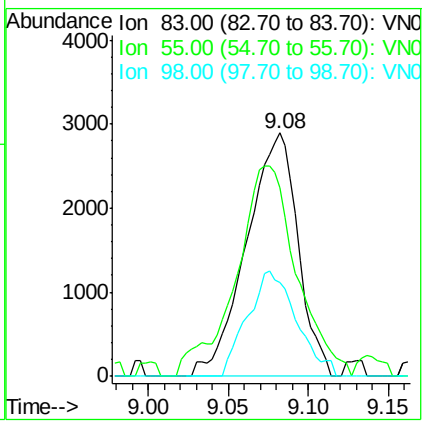


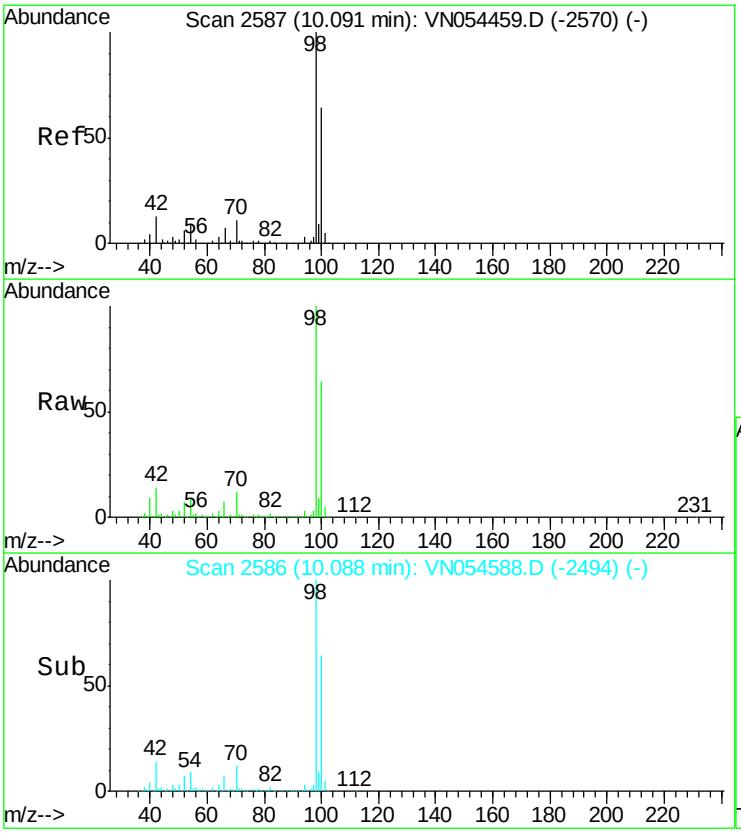
#39
Methylcyclohexane
Concen: 0.692 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 83 Resp: 6409

Ion	Ratio	Lower	Upper
83	100		
55	70.0	56.6	84.8
98	38.3	38.4	57.6#

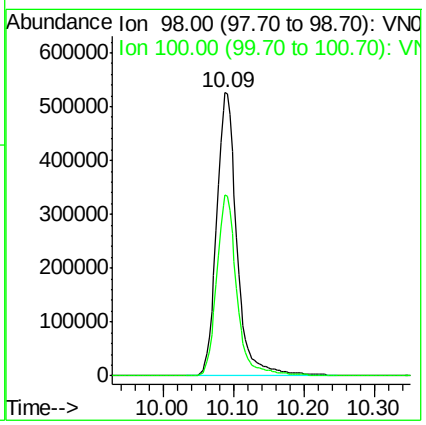


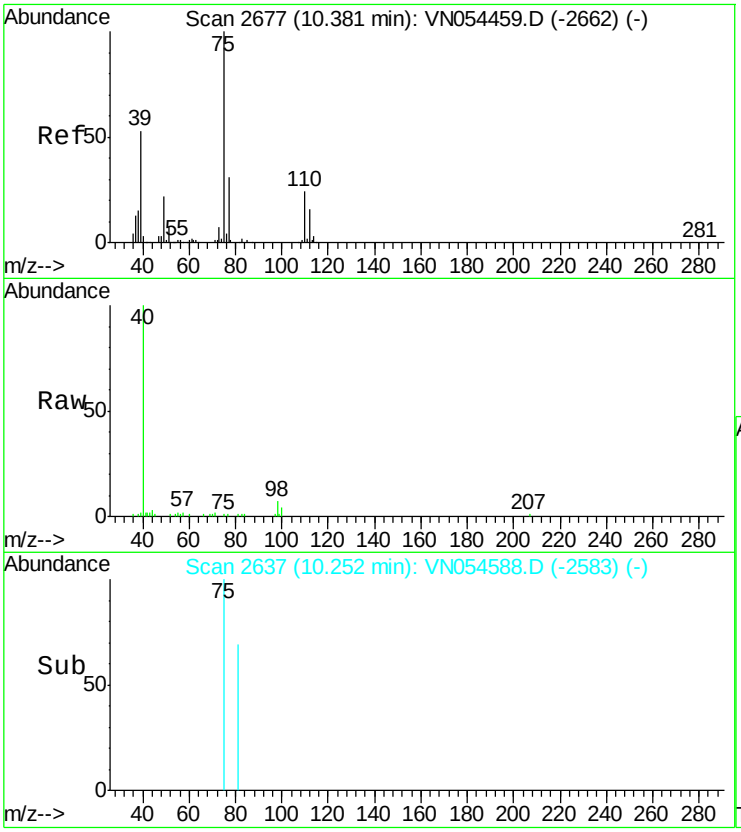


#50
Toluene-d8
Concen: 50.347 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 98 Resp: 1055353

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8



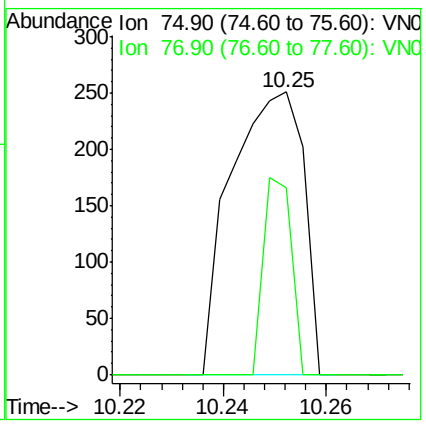


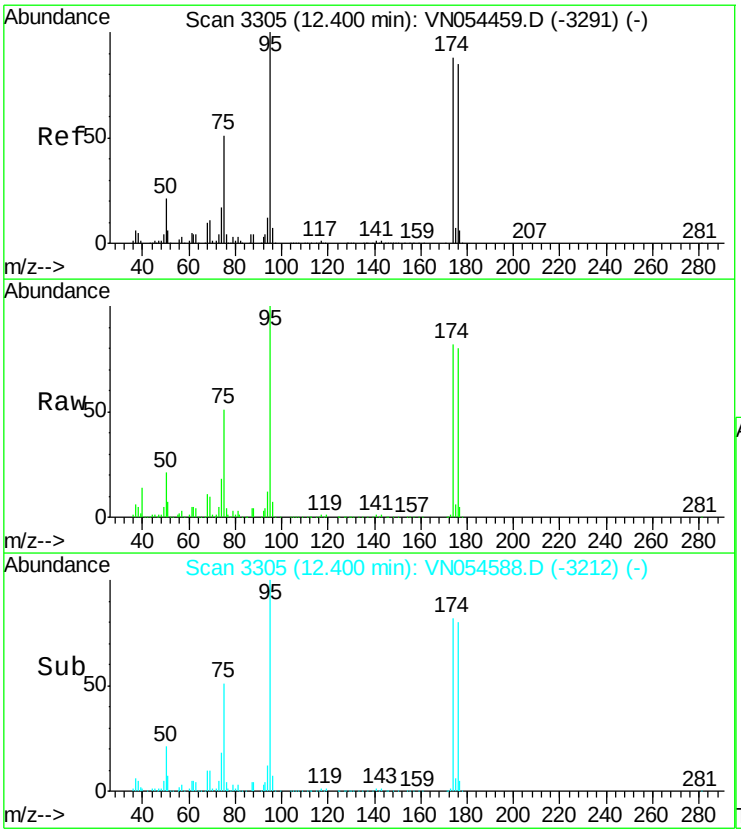
#53
t-1,3-Dichloropropene
Concen: 2.261 ug/l
RT: 10.25 min Scan# 2637
Delta R.T. -0.13 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 75 Resp: 244

Ion	Ratio	Lower	Upper
75	100		
77	66.1	25.8	38.8#

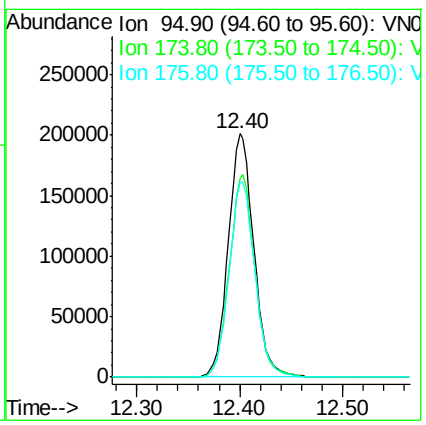


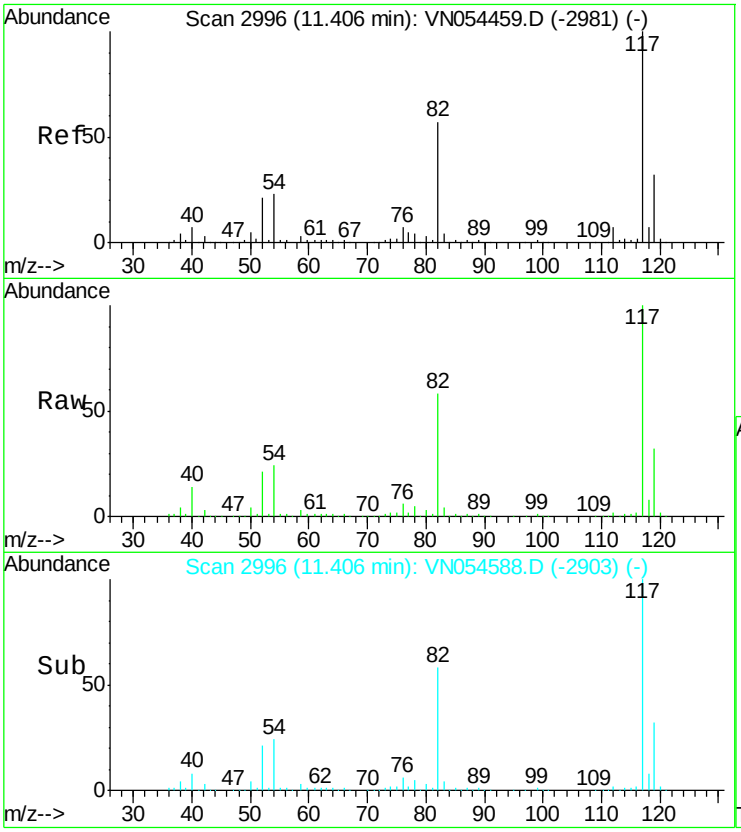


#62
4-Bromofluorobenzene
Concen: 48.581 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 95 Resp: 346520

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	191.0
176	81.6	0.0	187.4



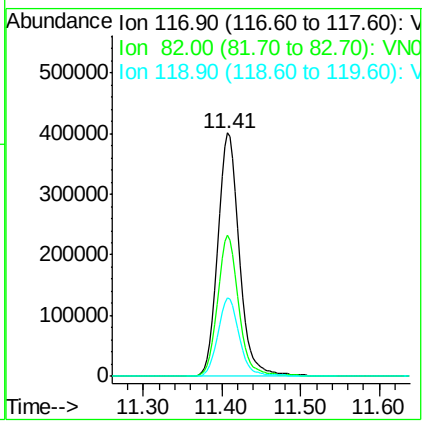


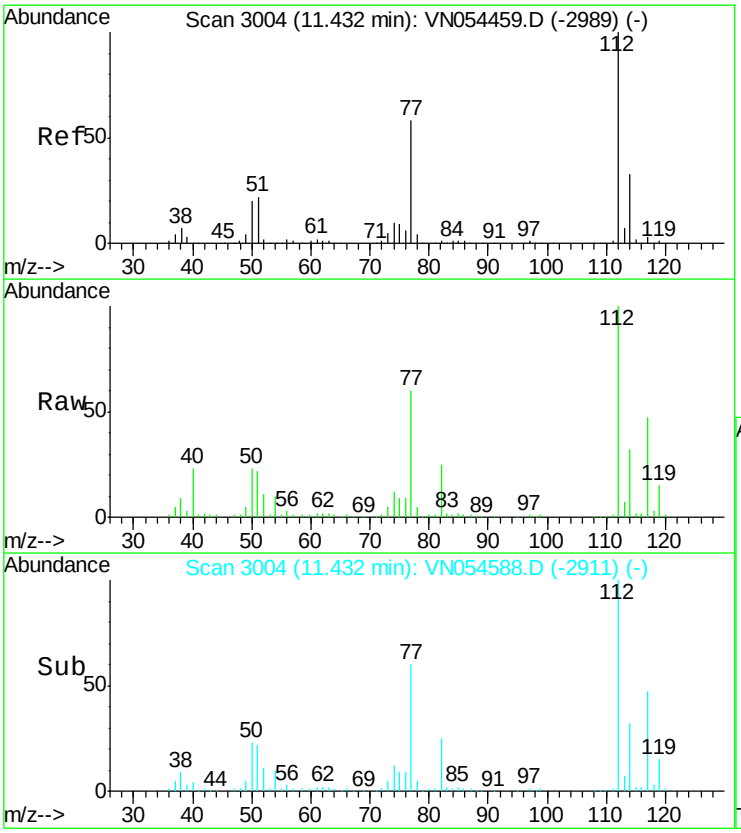
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:117 Resp: 756159

Ion	Ratio	Lower	Upper
117	100		
82	57.9	40.0	60.0
119	32.0	25.8	38.6

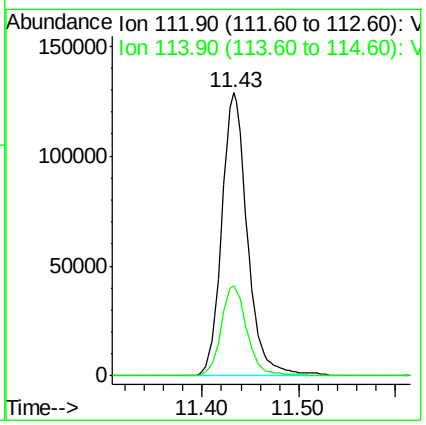


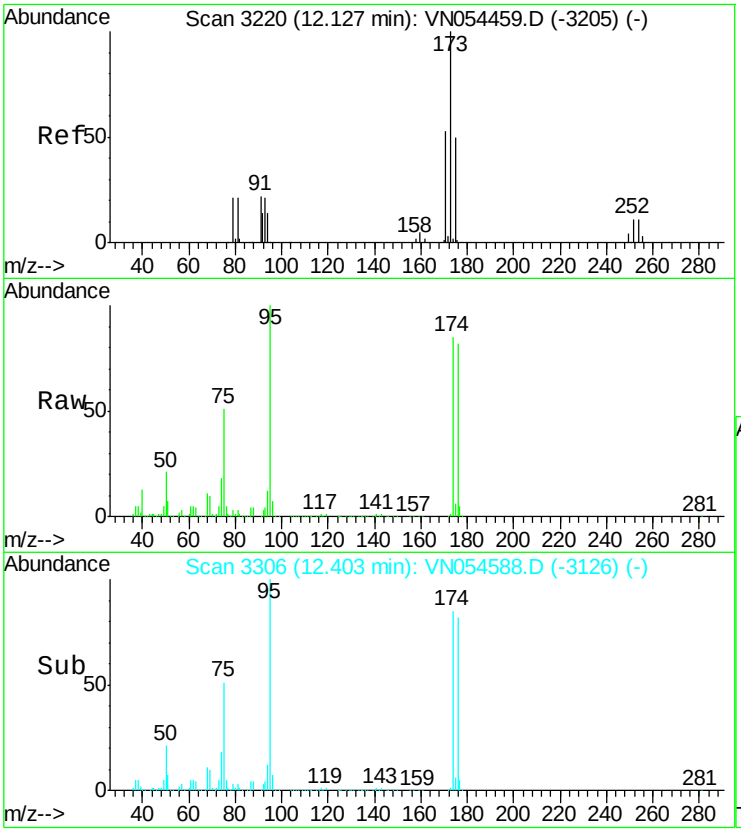


#65
Chlorobenzene
Concen: 15.396 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:112 Resp: 236775

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.9	38.9



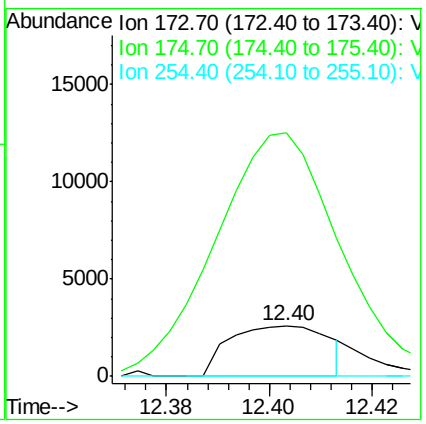


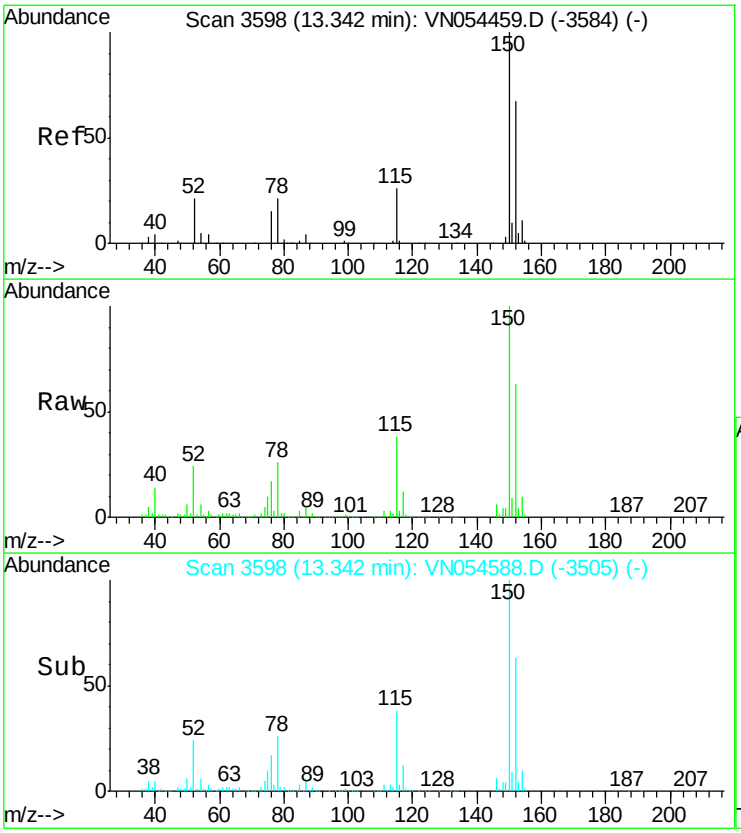
#71
Bromoform
Concen: 3.086 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:173 Resp: 3447

Ion	Ratio	Lower	Upper
173	100		
175	531.9	24.4	73.2#
254	0.0	0.1	0.1#

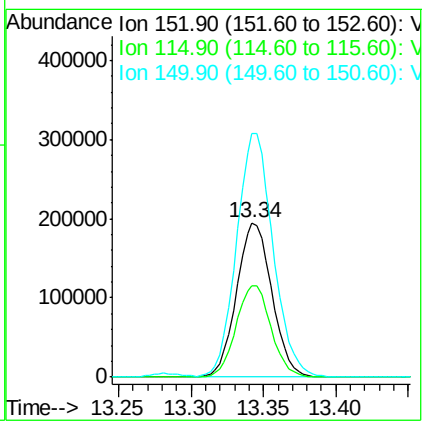


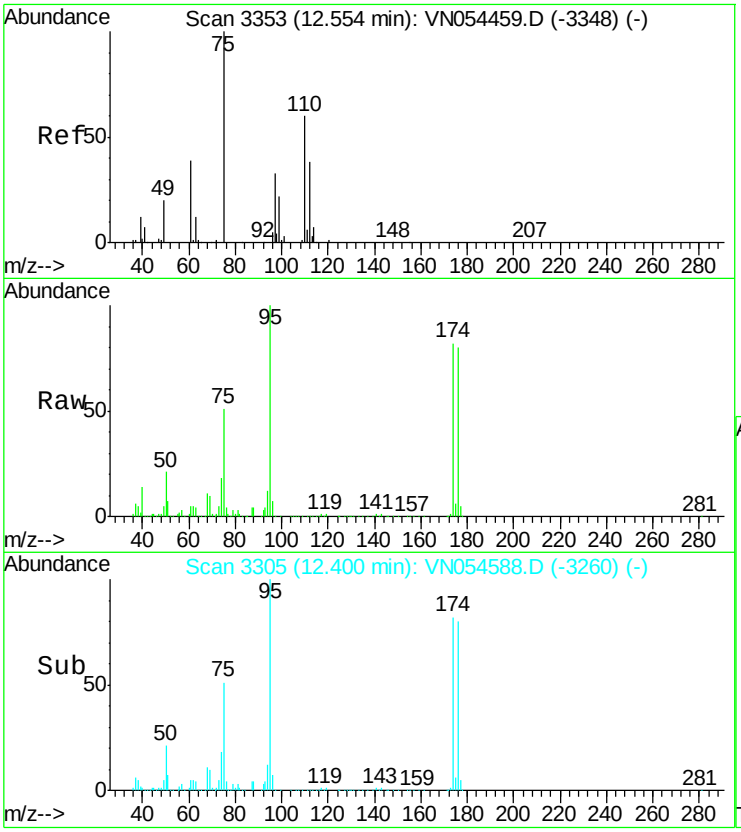


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:152 Resp: 328959

Ion	Ratio	Lower	Upper
152	100		
115	58.9	27.2	81.6
150	164.0	0.0	349.2



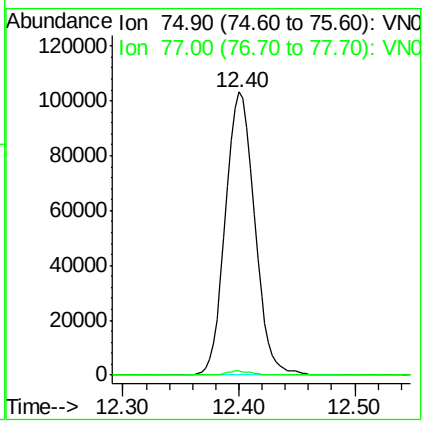


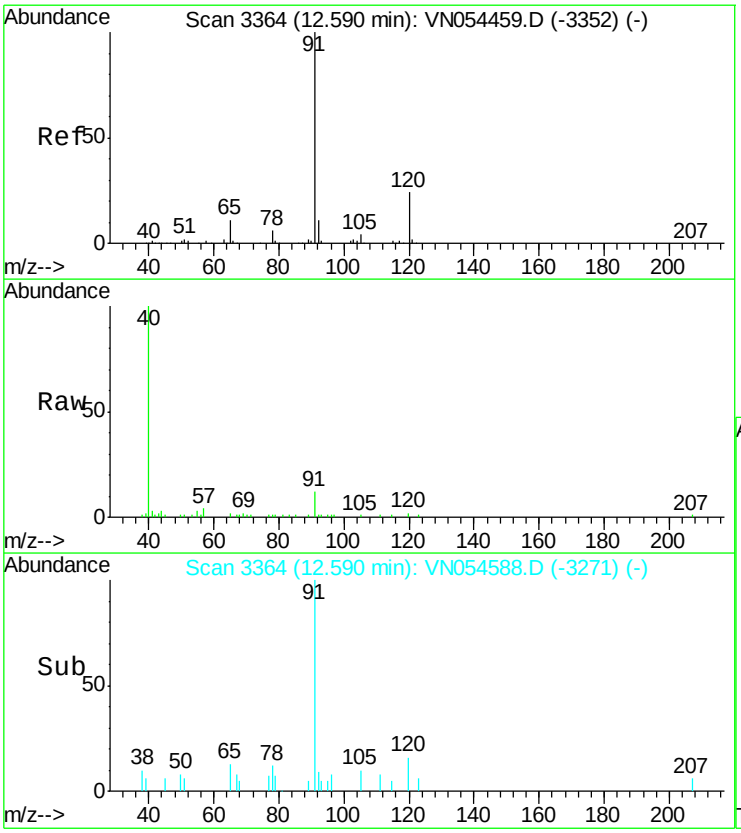
#76
1,2,3-Trichloropropane
Concen: 34.490 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion: 75 Resp: 180038

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

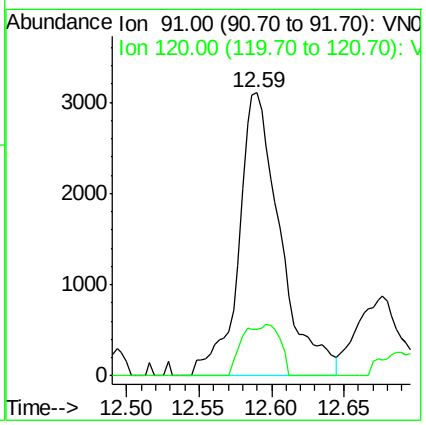


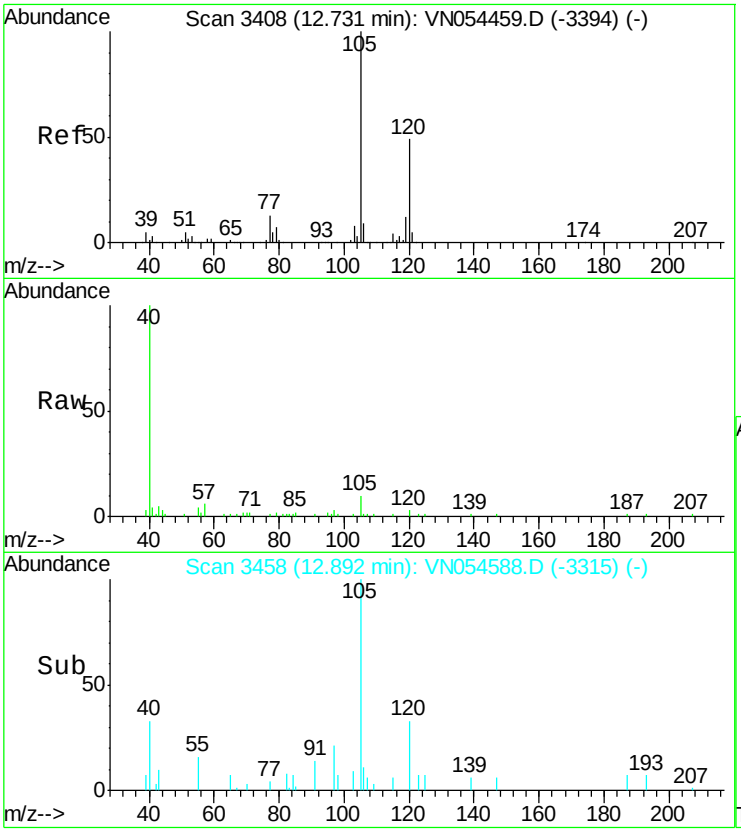


#78
n-propylbenzene
Concen: 0.216 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 91 Resp: 6220

Ion	Ratio	Lower	Upper
91	100		
120	16.3	12.3	36.9



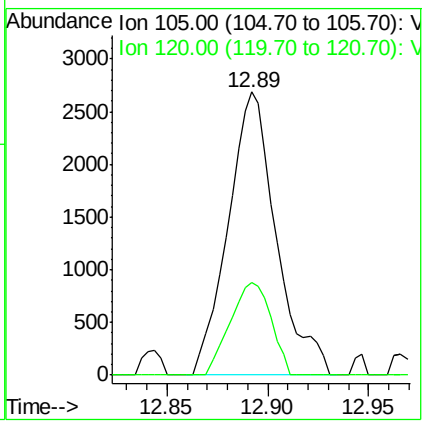


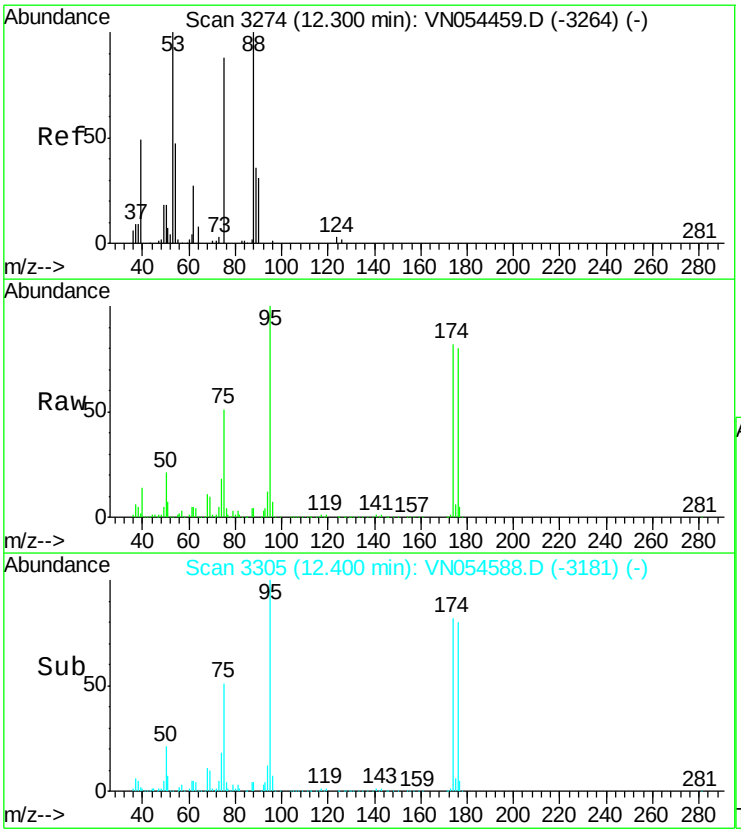
#80
1,3,5-Trimethylbenzene
Concen: 0.206 ug/l
RT: 12.89 min Scan# 3458
Delta R.T. 0.16 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:105 Resp: 4467

Ion	Ratio	Lower	Upper
105	100		
120	27.9	25.0	75.0

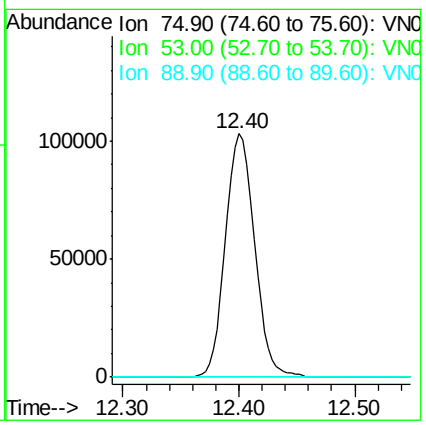


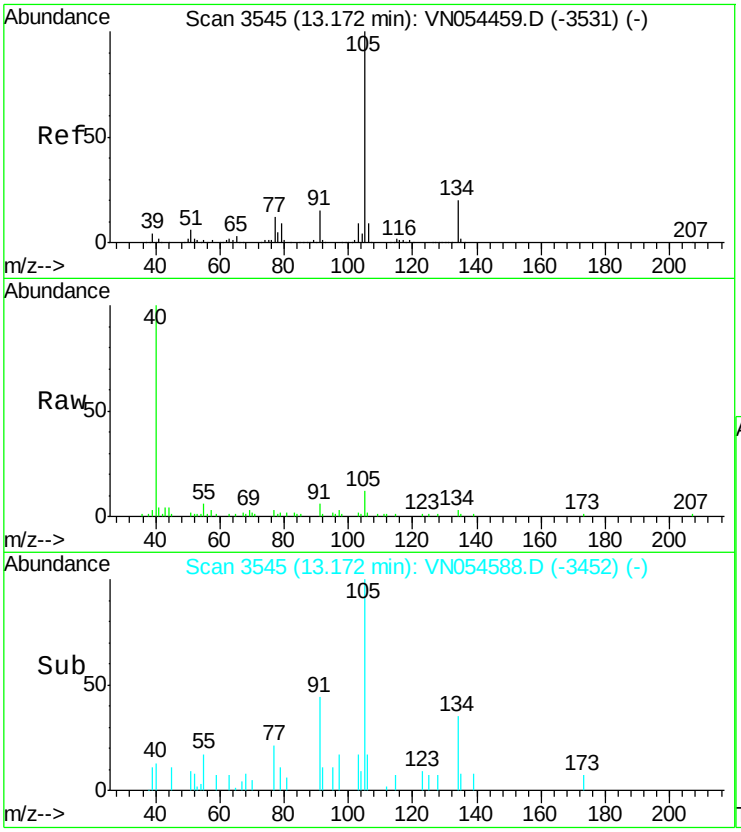


#81
trans-1,4-Dichloro-2-butene
Concen: 114.527 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 75 Resp: 180038

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



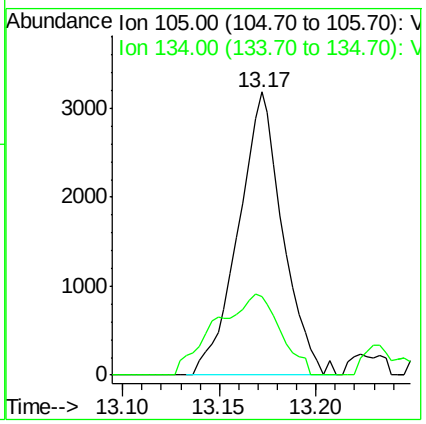


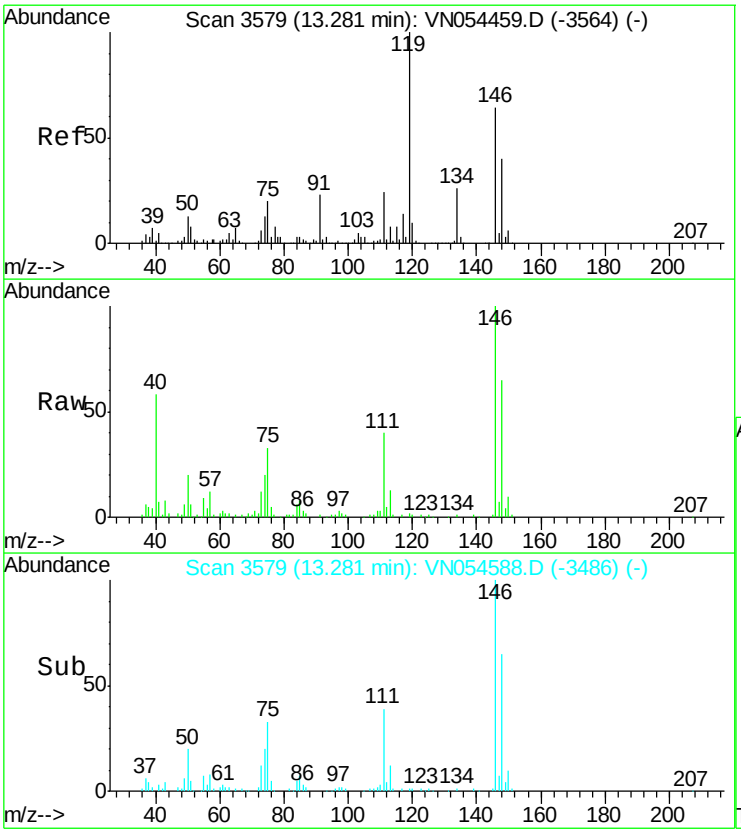
#85
sec-Butylbenzene
Concen: 0.216 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:105 Resp: 5084

Ion	Ratio	Lower	Upper
105	100		
134	41.9	10.7	32.1#

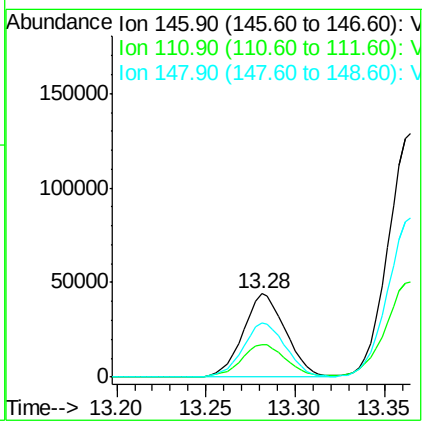


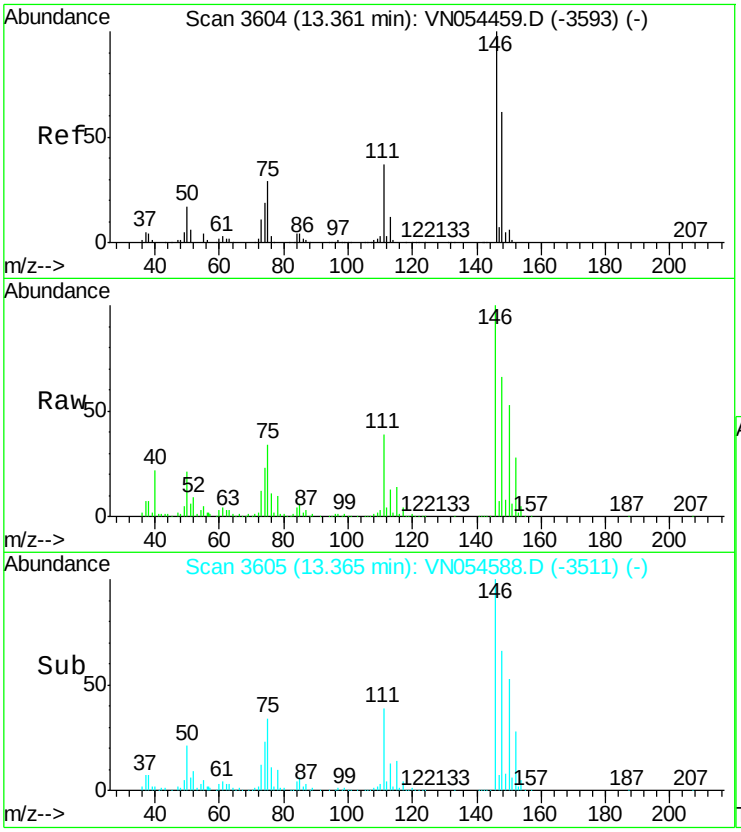


#87
1,3-Dichlorobenzene
Concen: 6.816 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:146 Resp: 74263

Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.8	56.3
148	64.7	32.2	96.6



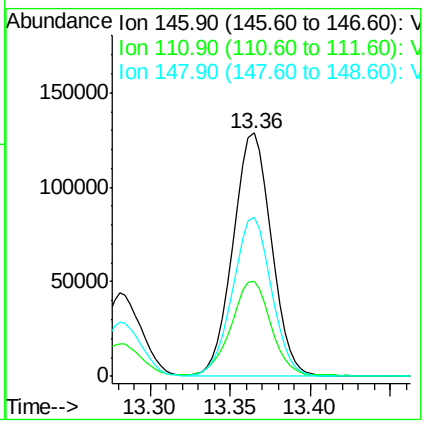


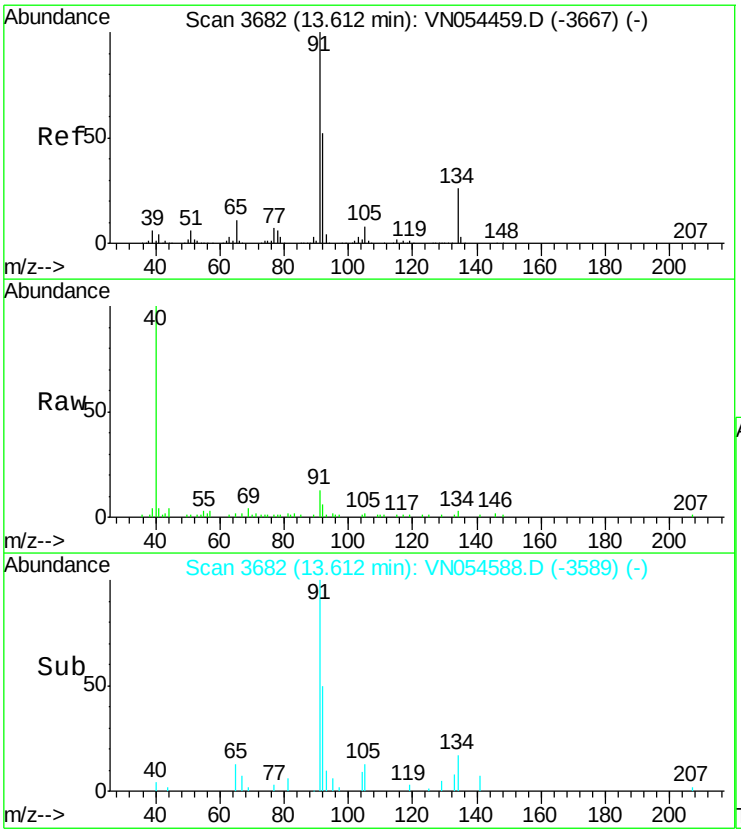
#88
1,4-Dichlorobenzene
Concen: 19.835 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:146 Resp: 210256

Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.1	54.1
148	66.2	32.0	96.0

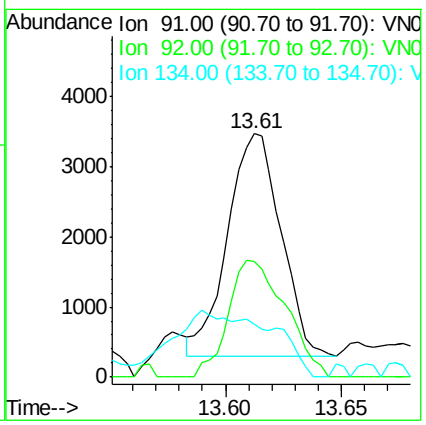


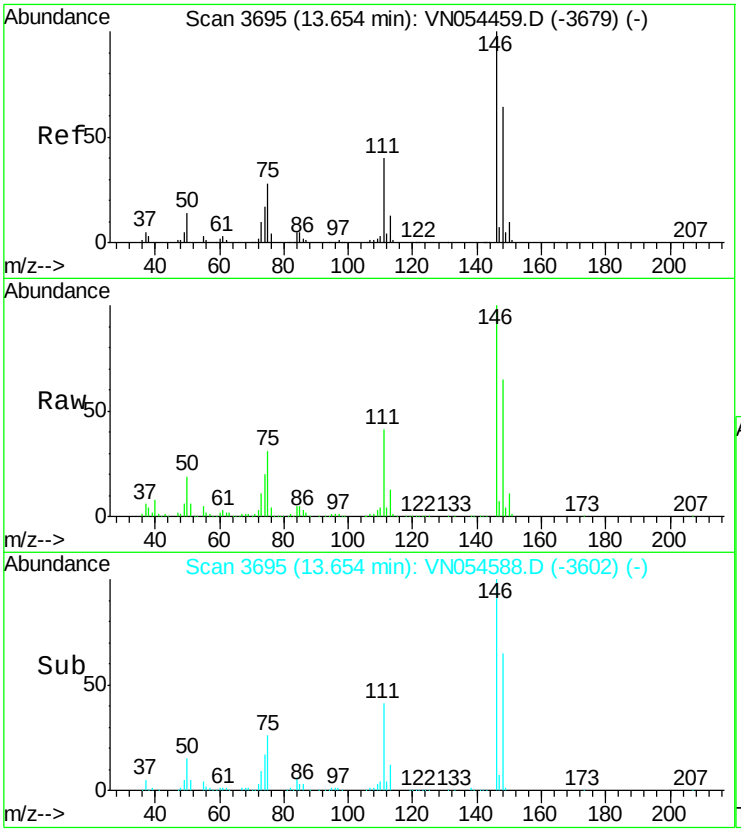


#89
n-Butylbenzene
Concen: 0.306 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion: 91 Resp: 5053

Ion	Ratio	Lower	Upper
91	100		
92	56.3	26.2	78.6
134	0.0	14.3	42.9#



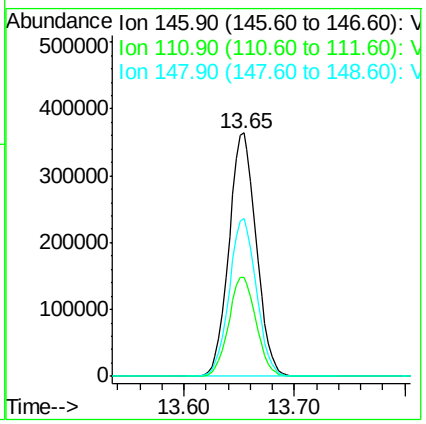


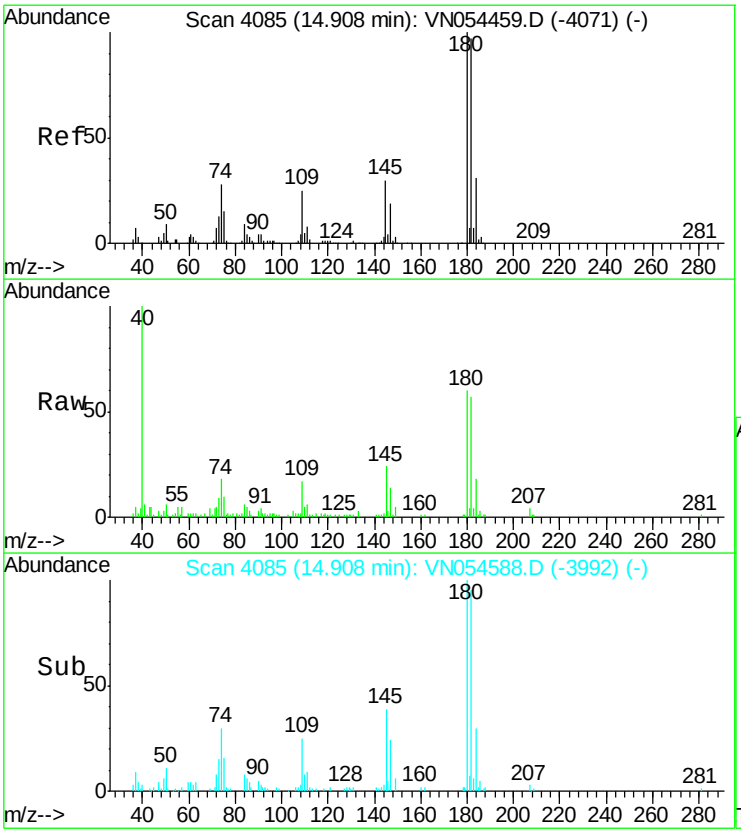
#91
1,2-Dichlorobenzene
Concen: 59.184 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:146 Resp: 624547

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.1	57.3
148	64.4	32.4	97.0

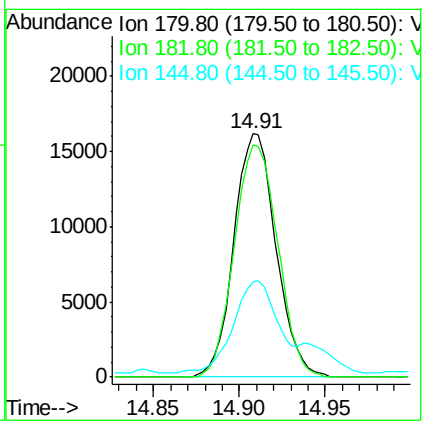


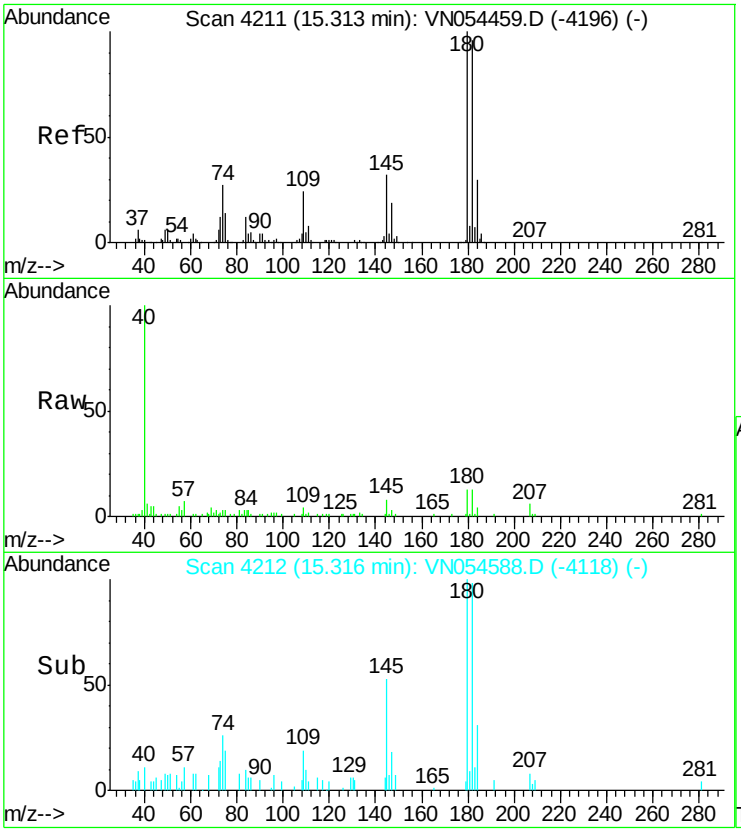


#93
1,2,4-Trichlorobenzene
Concen: 5.246 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Tgt Ion:180 Resp: 27598

Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.0	144.2
145	40.6	14.2	42.8





#96
1,2,3-Trichlorobenzene
Concen: 1.321 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN054588.D
Acq: 23 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
WP022SB436-190320-FD-(20-22)

Tgt Ion:180 Resp: 6914

Ion	Ratio	Lower	Upper
180	100		
182	86.0	47.5	142.6
145	55.7	14.8	44.3#