Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061376.D
Acq On : 8 May 2020 20:48
Operator : JC/MD
Sample : L2544-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 09 00:51:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	89882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	165487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	161383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77172	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.52%			
35) Dibromofluoromethane	7.55	113	49612	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
50) Toluene-d8	10.06	98	208659	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.62%			
62) 4-Bromofluorobenzene	12.38	95	78561	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.16	62	1652	1.260	ug/l	97
14) Allyl chloride	4.47	41	1228	0.698	ug/l #	56
16) Acetone	3.78	43	1205	Below Cal	#	47
18) Methyl Acetate	4.48	43	2754	2.192	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	594	0.490	ug/l	45
31) Cyclohexane	7.63	56	2814	1.360	ug/l #	13
36) 1,1-Dichloropropene	7.63	75	8264	4.989	ug/l #	49
38) Carbon Tetrachloride	7.63	117	9675	8.395	ug/l #	17
40) Benzene	8.00	78	11519	2.334	ug/l	96
43) Isopropyl Acetate	8.17	43	1175	0.365	ug/l #	57
65) Chlorobenzene	11.41	112	129026	40.304	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	43205	28.198	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.86	105	969	0.219	ug/l #	48
81) trans-1,4-Dichloro-2-buten	12.38	75	43205	71.609	ug/l #	8
83) tert-Butylbenzene	12.97	119	3546	0.951	ug/l	94
84) 1,2,4-Trimethylbenzene	13.15	105	4875	1.070	ug/l #	32
85) sec-Butylbenzene	13.15	105	4875	0.959	ug/l #	61
86) p-Isopropyltoluene	13.42	119	17359	3.790	ug/l	96
87) 1,3-Dichlorobenzene	13.34	146	1035	0.456	ug/l #	66
88) 1,4-Dichlorobenzene	13.34	146	1035	0.446	ug/l #	67
89) n-Butylbenzene	13.59	91	937	0.223	ug/l #	50
90) Hexachloroethane	13.92	117	10787	26.762	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	4858	2.232	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.11	75	188	0.534	ug/l #	7

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
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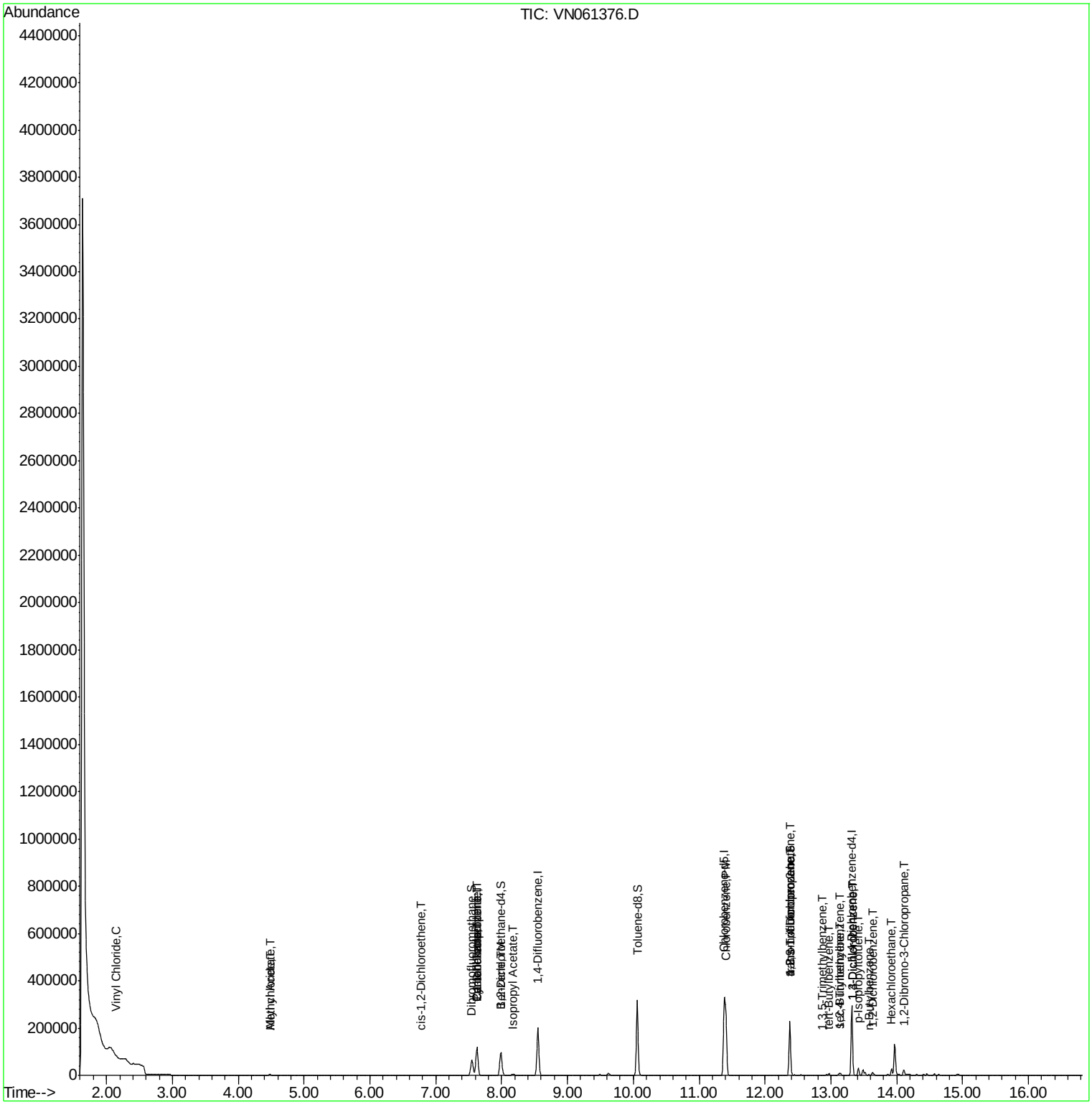
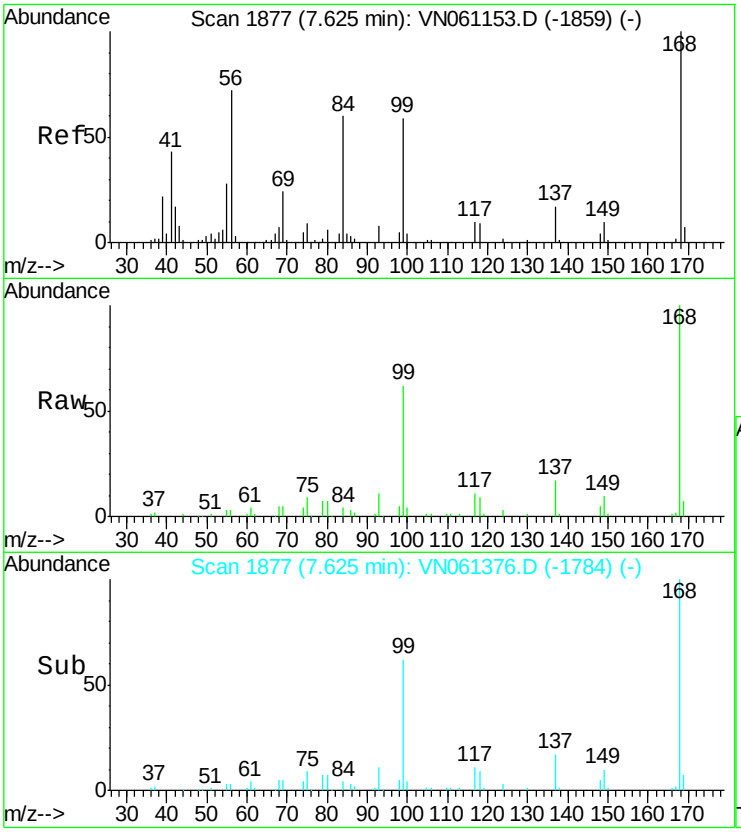
Acq On : 8 May 2020 20:48
Operator : JC/MD
Sample : L2544-04DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 09 00:51:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration



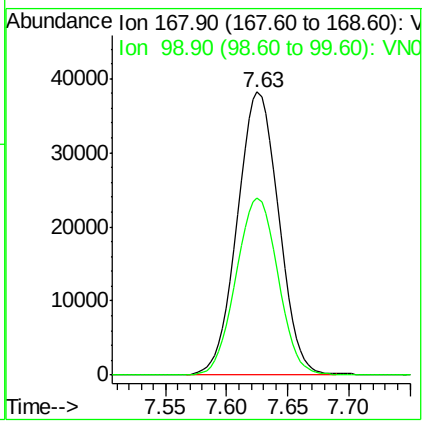


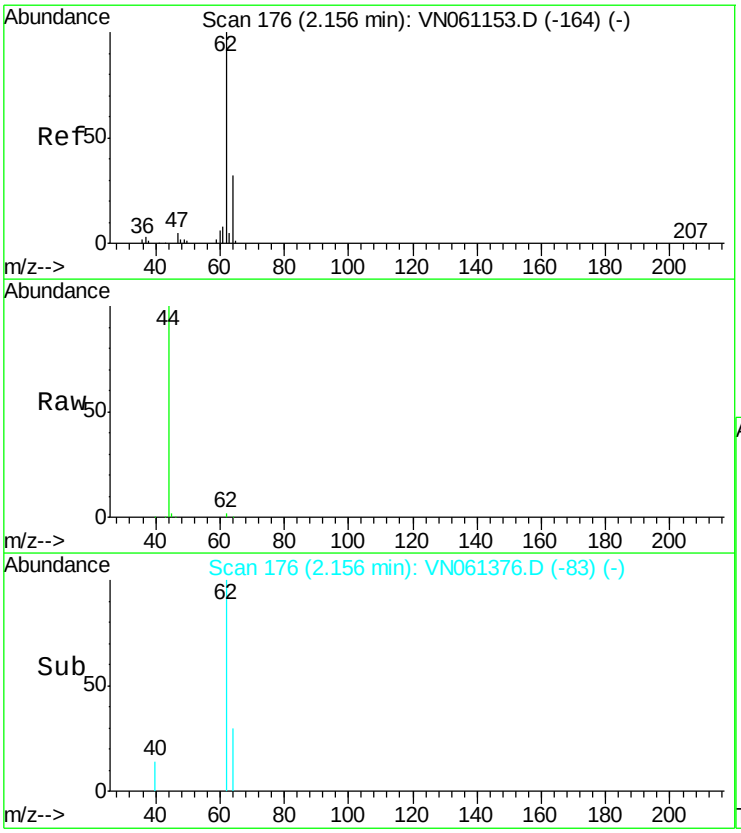
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 89882

Ion	Ratio	Lower	Upper
168	100		
99	62.4	51.2	76.8

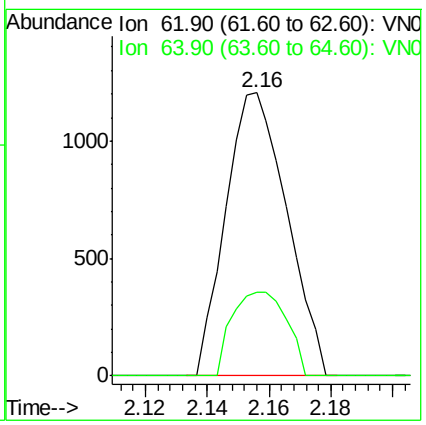


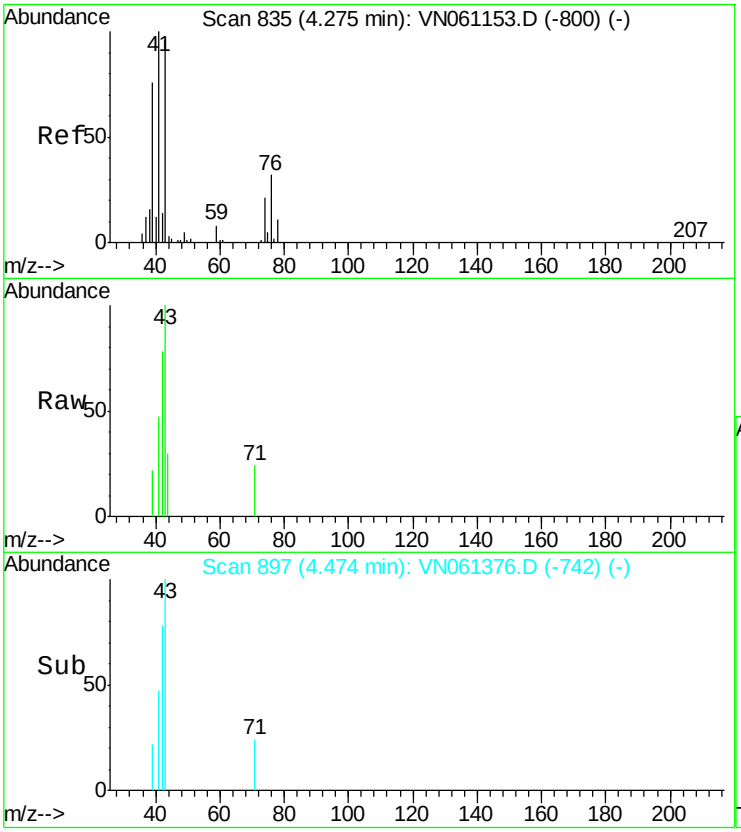


#4
Vinyl Chloride
Concen: 1.260 ug/l
RT: 2.16 min Scan# 176
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 62 Resp: 1652

Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.2	37.8



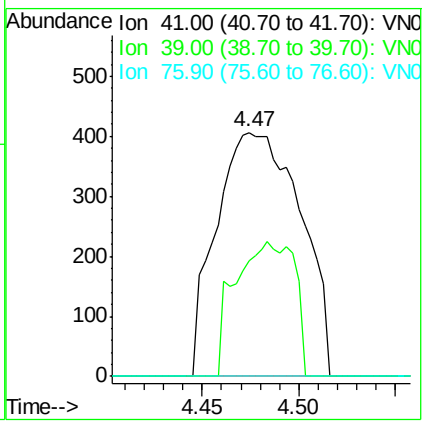


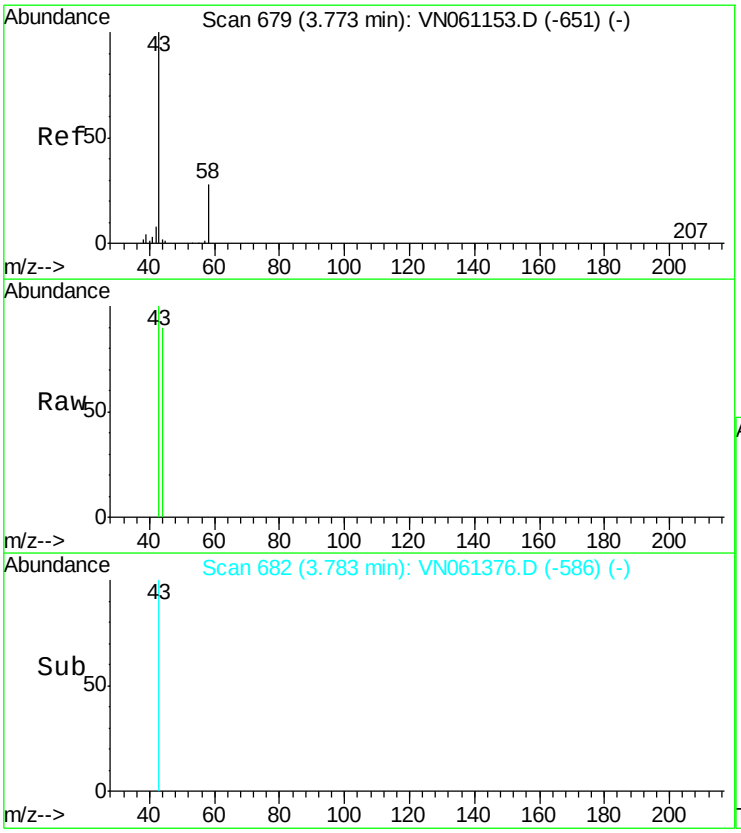
#14
Allvl chloride
Concen: 0.698 ug/l
RT: 4.47 min Scan# 897
Delta R.T. 0.20 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 1228

Ion	Ratio	Lower	Upper
41	100		
39	38.8	57.1	85.7#
76	0.0	24.3	36.5#

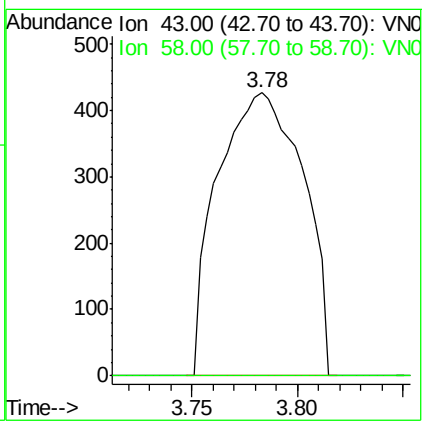


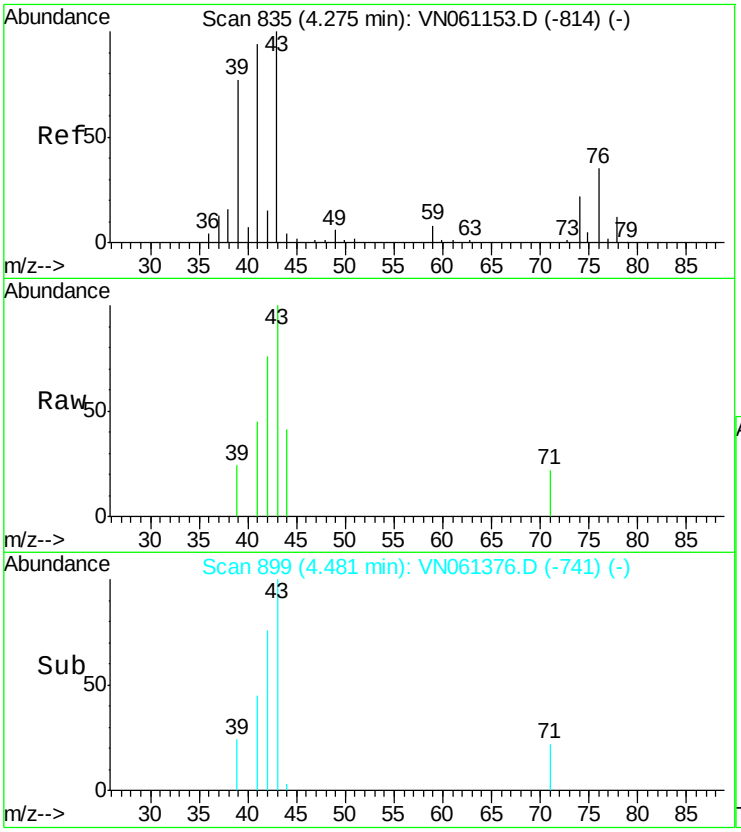


#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 682
Delta R.T. 0.01 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 43 Resp: 1205

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.2	33.2#



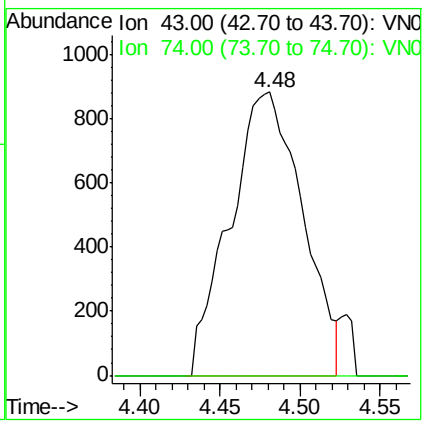


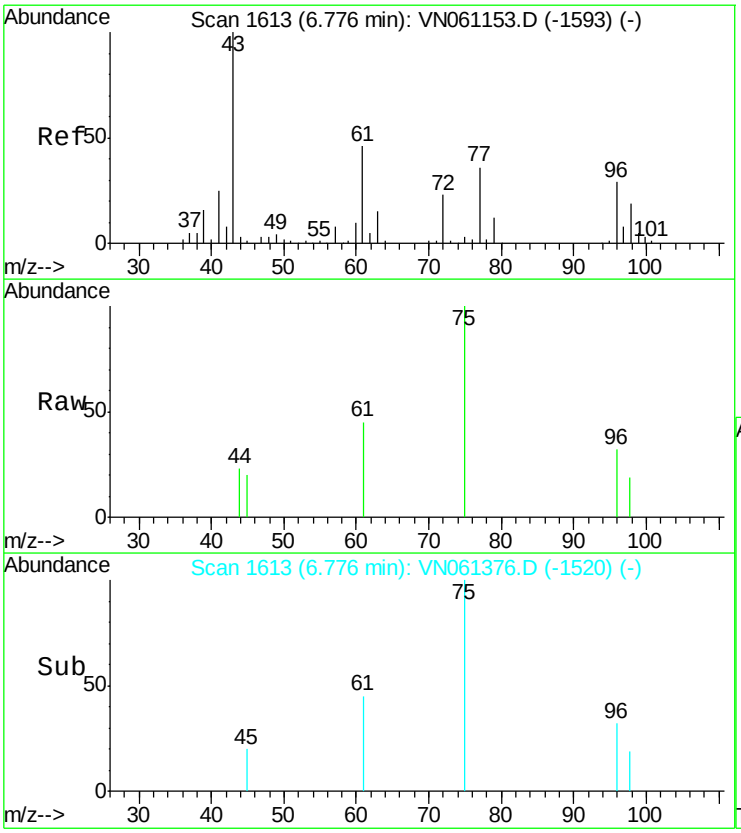
#18
Methyl Acetate
Concen: 2.192 ug/l
RT: 4.48 min Scan# 899
Delta R.T. 0.21 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2754

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

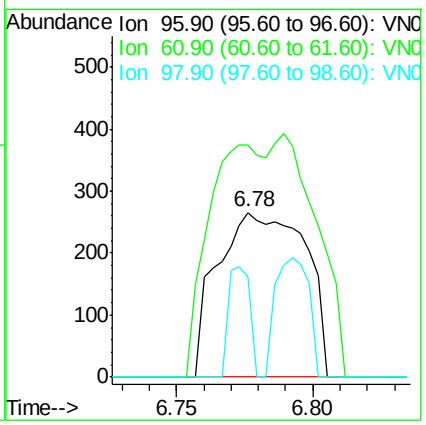


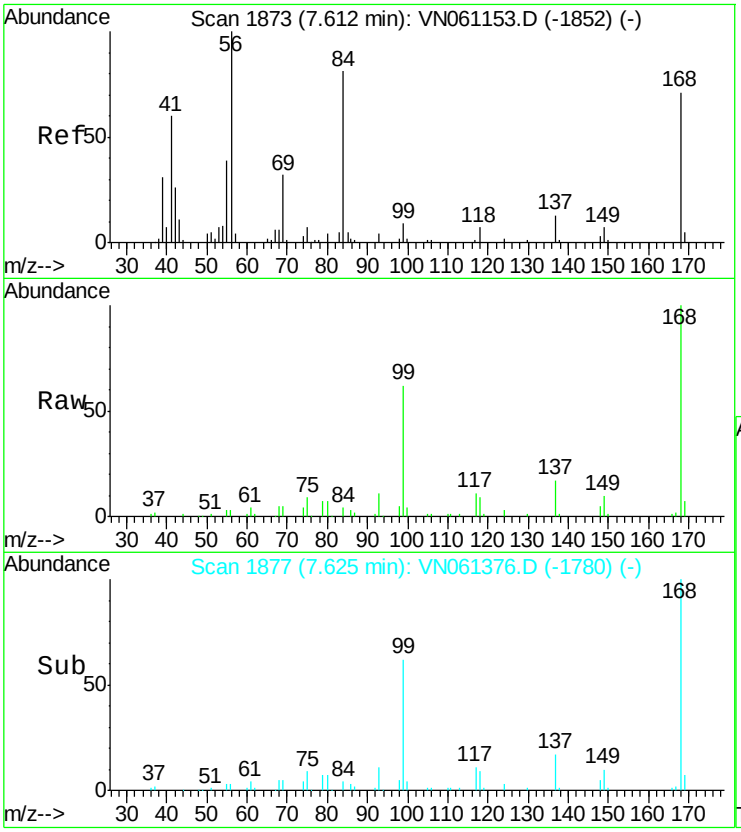


#27
cis-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 96 Resp: 594

Ion	Ratio	Lower	Upper
96	100		
61	92.3	0.0	322.0
98	16.7	0.0	129.6



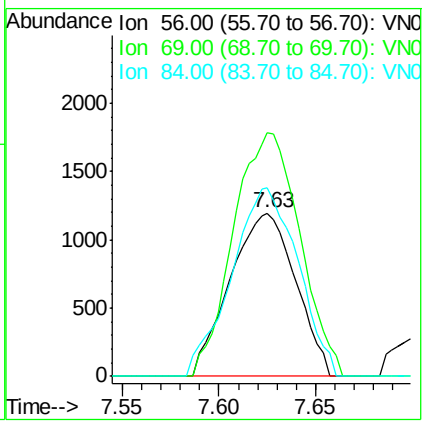


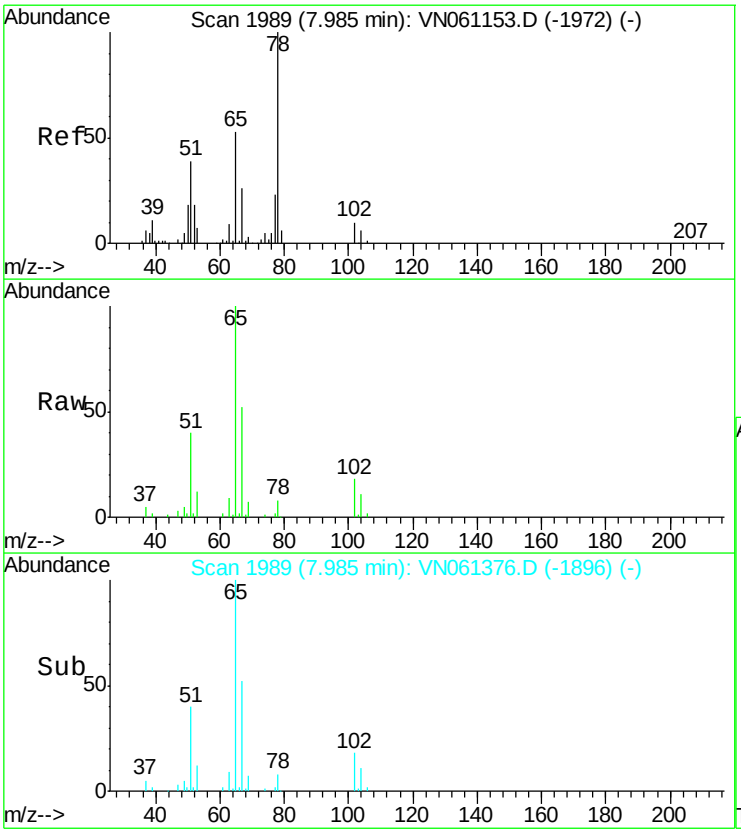
#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 2814

Ion	Ratio	Lower	Upper
56	100		
69	149.0	25.7	38.5#
84	115.2	64.6	97.0#

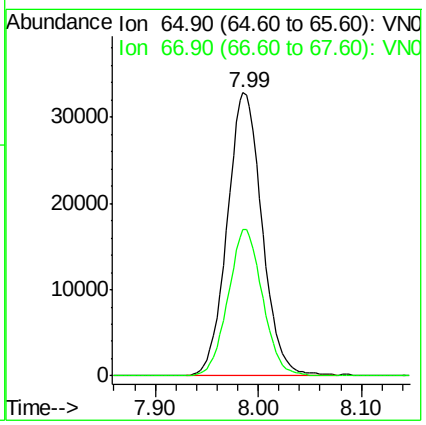


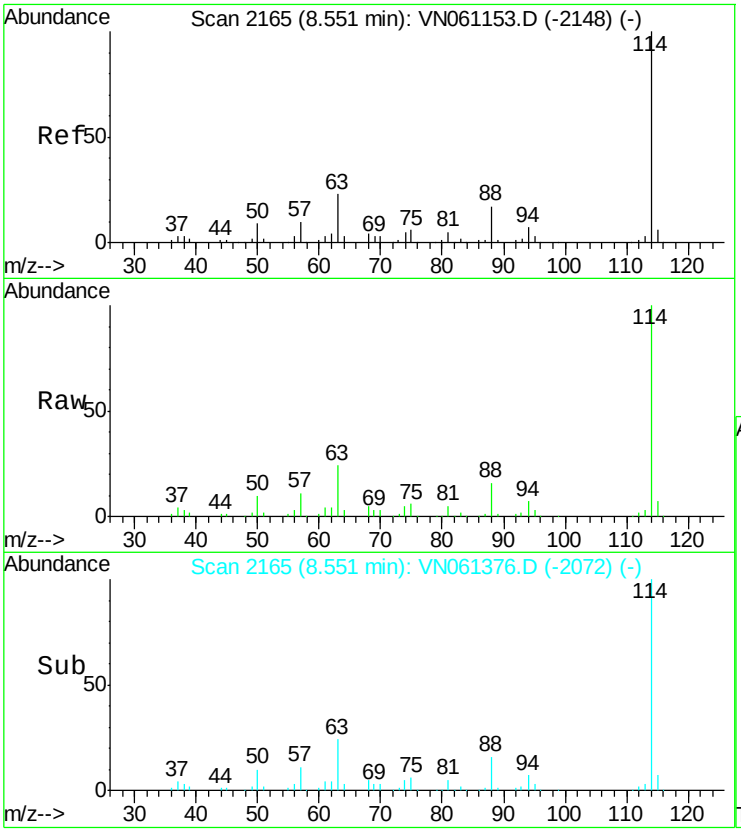


#33
1,2-Dichloroethane-d4
Concen: 54.262 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 65 Resp: 77172

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.6



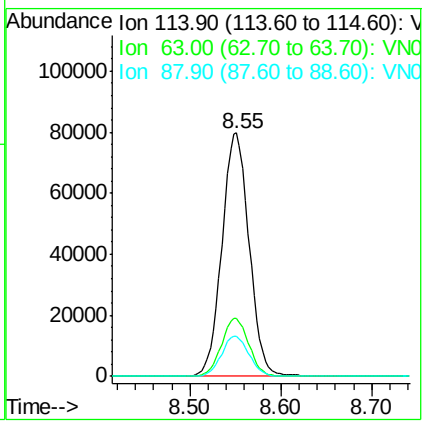


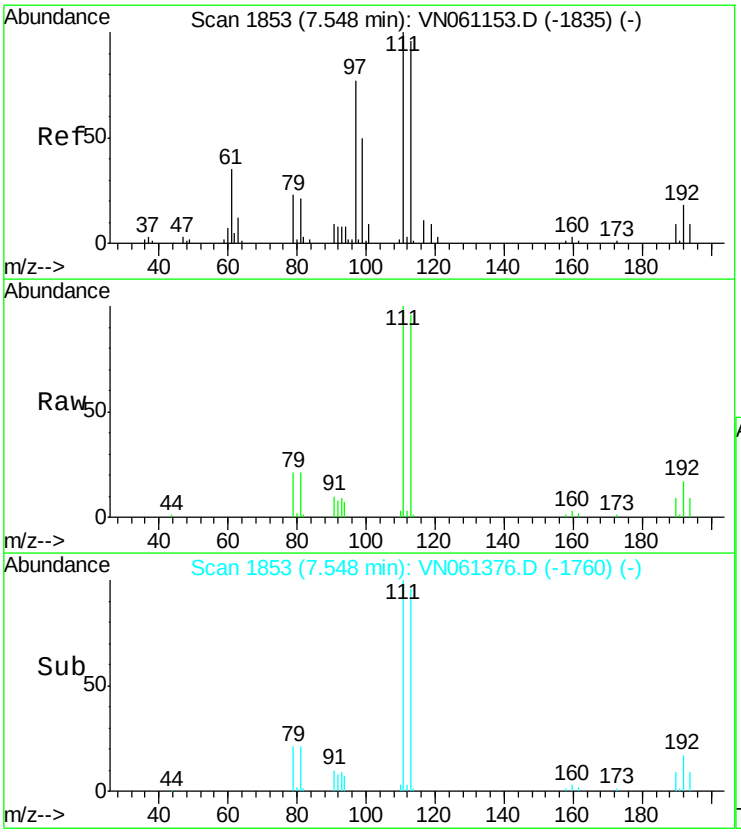
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 165487

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.6
88	16.4	0.0	33.4

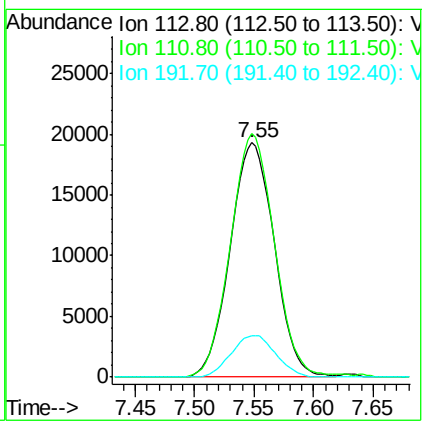


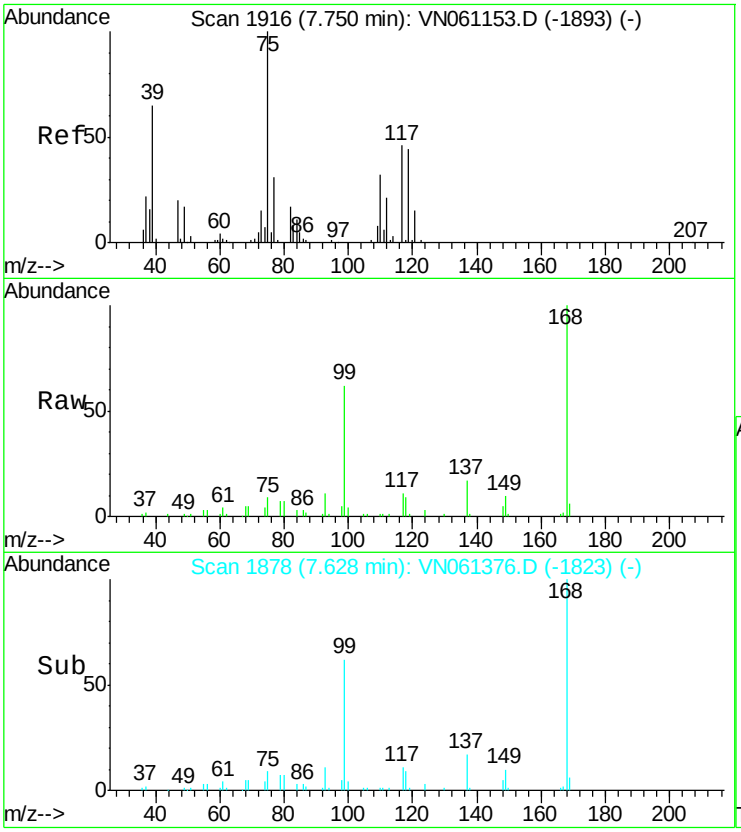


#35
Dibromofluoromethane
Concen: 50.699 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:113 Resp: 49612

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.8	14.7	22.1



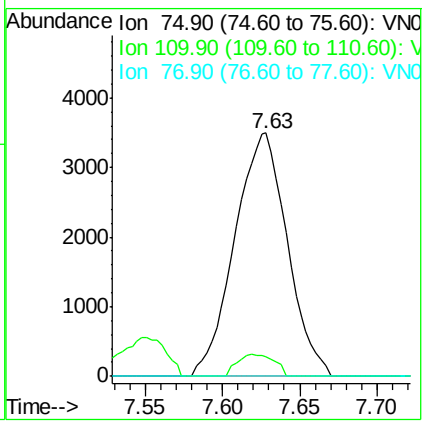


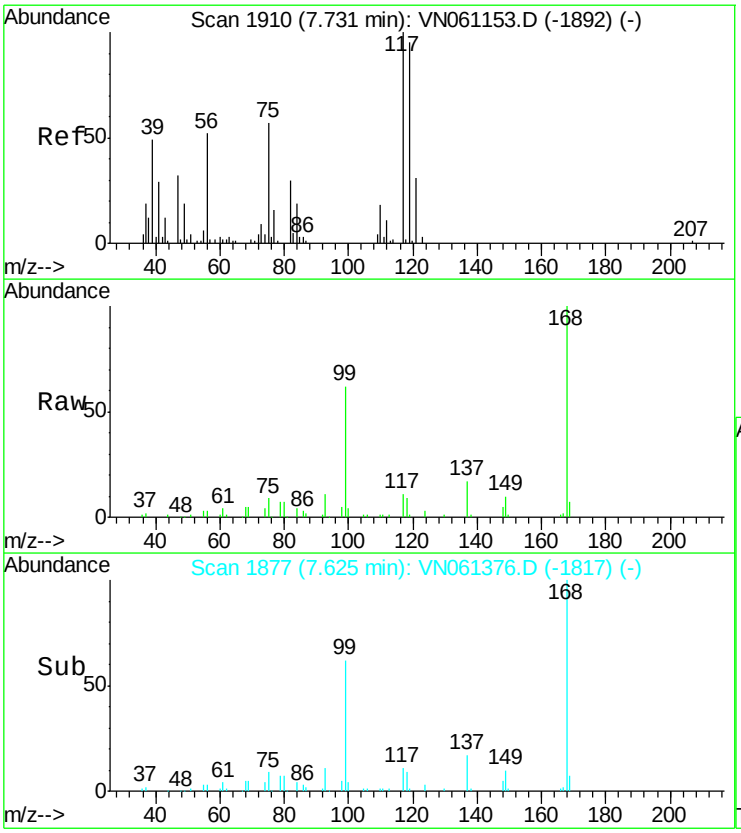
#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. -0.12 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 8264

Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.0	48.0#
77	0.0	24.6	37.0#

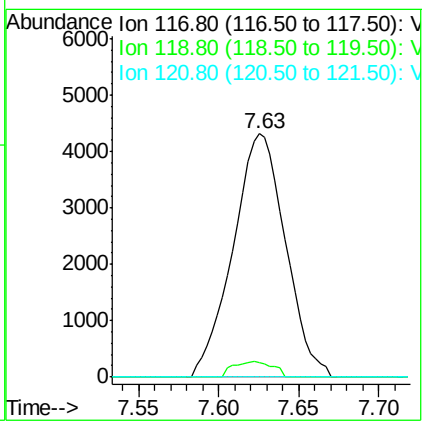


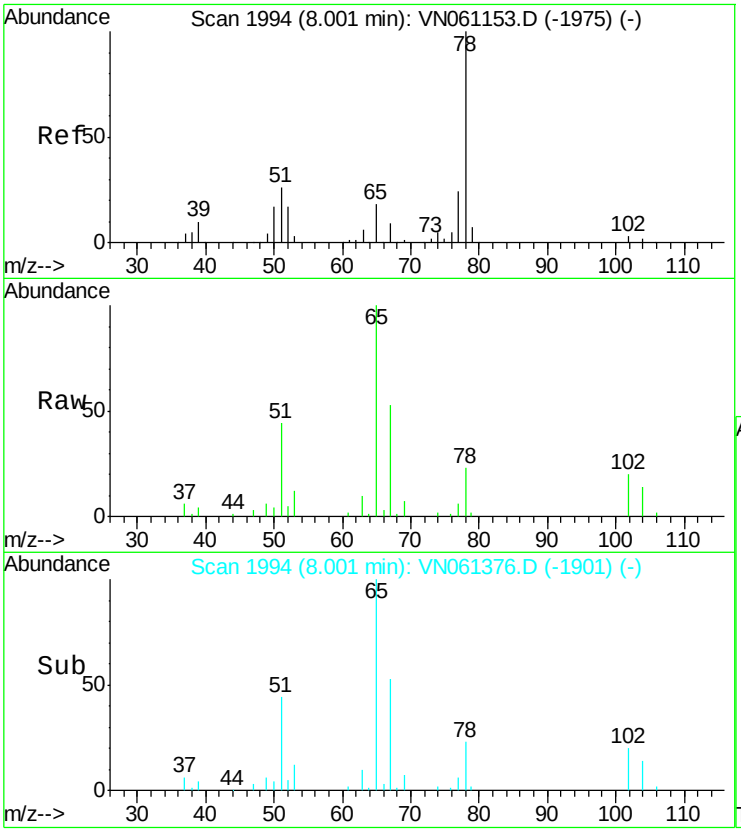


#38
Carbon Tetrachloride
Concen: 8.395 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:117 Resp: 9675

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.7	37.1#



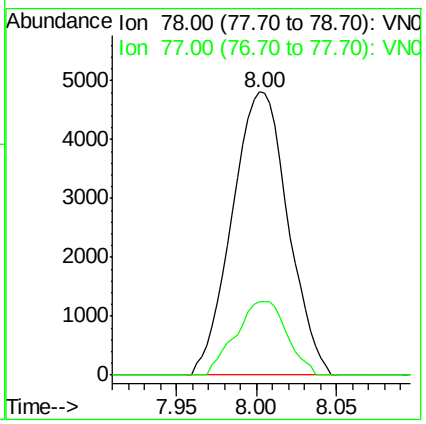


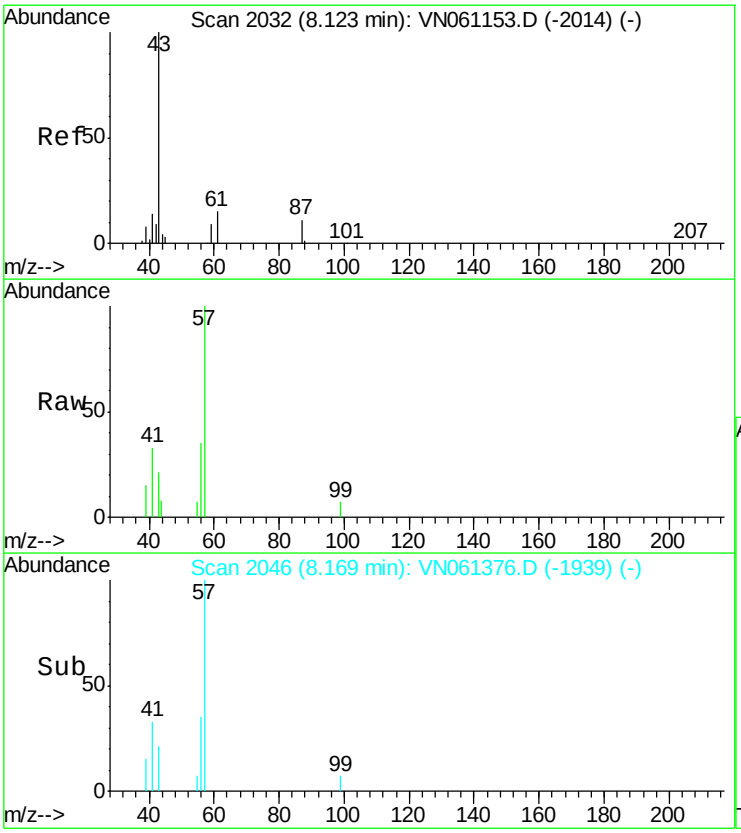
#40
Benzene
Concen: 2.334 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 78 Resp: 11519

Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.0	28.6

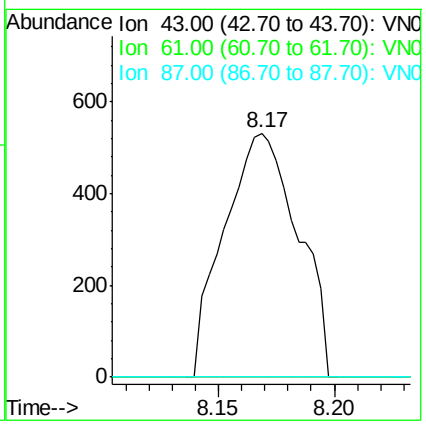


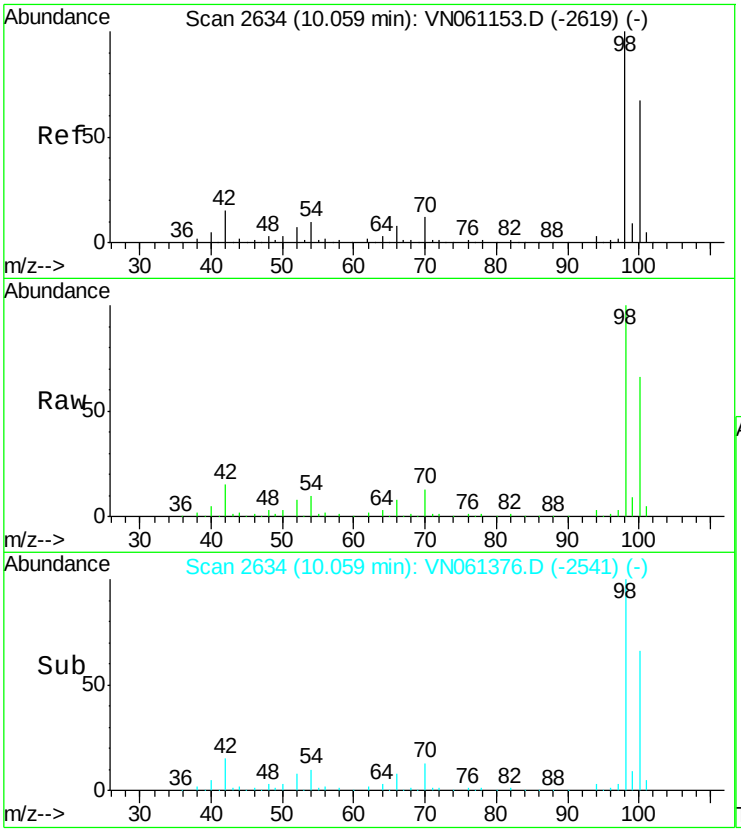


#43
Isopropyl Acetate
Concen: 0.365 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.05 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 43 Resp: 1175

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.5	29.3#
87	0.0	8.9	13.3#



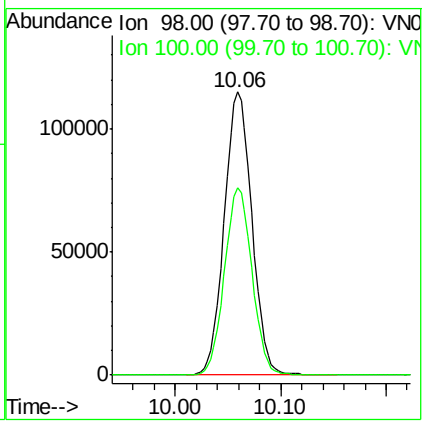


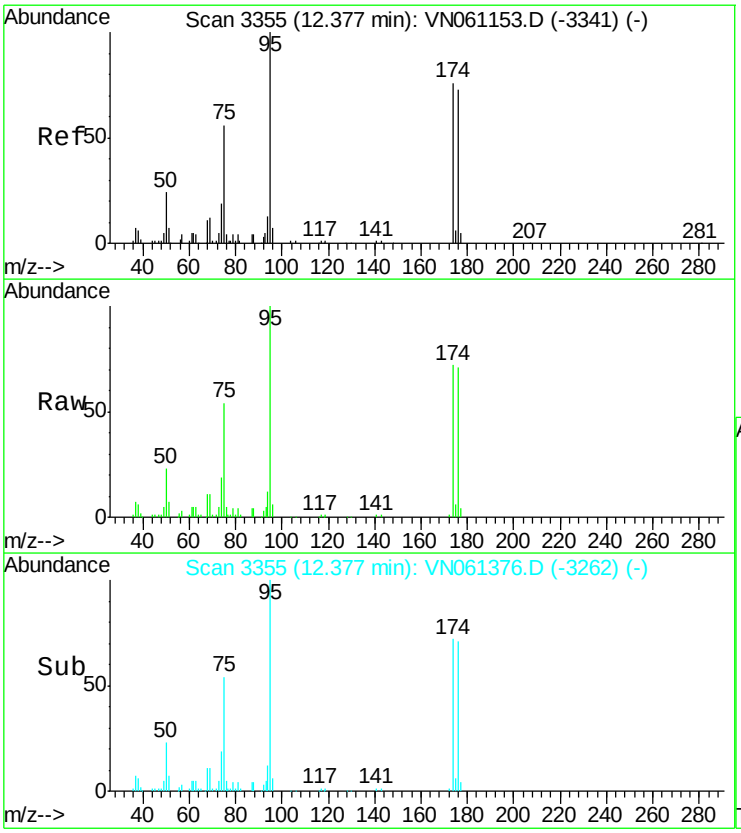
#50
Toluene-d8
Concen: 52.307 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 208659

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.0

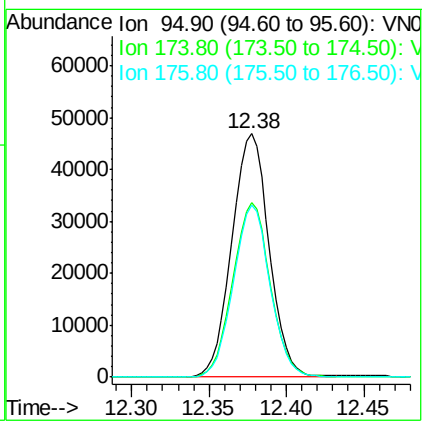


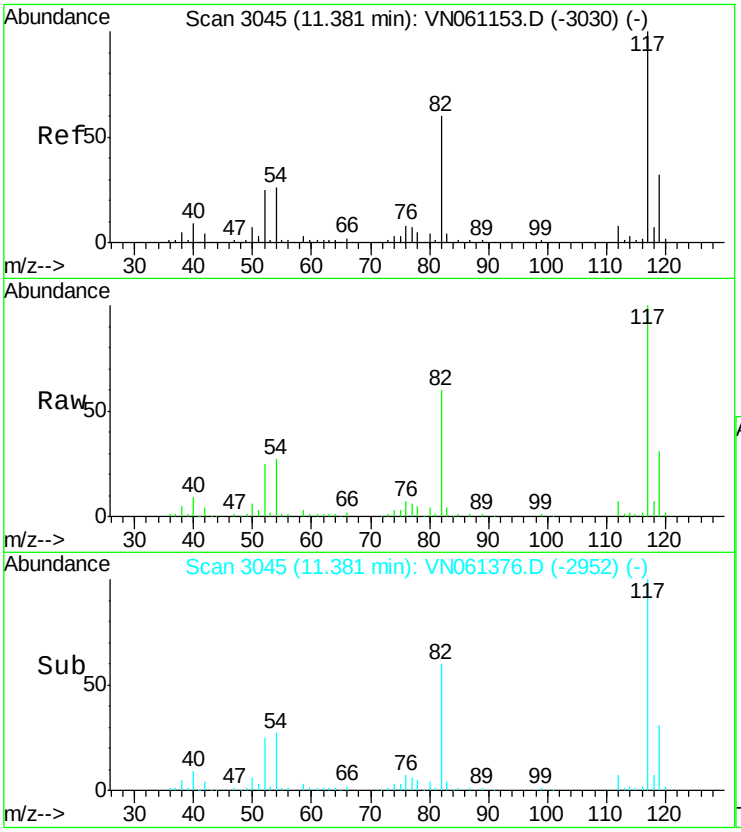


#62
4-Bromofluorobenzene
Concen: 52.333 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 95 Resp: 78561

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	149.4
176	69.7	0.0	144.8



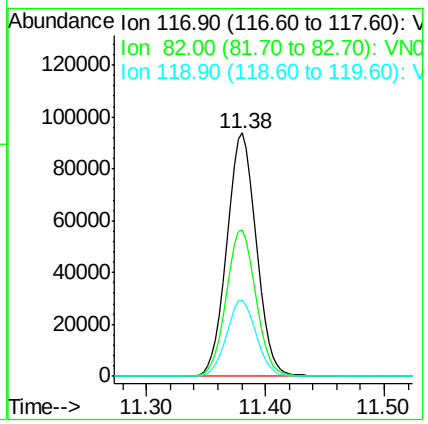


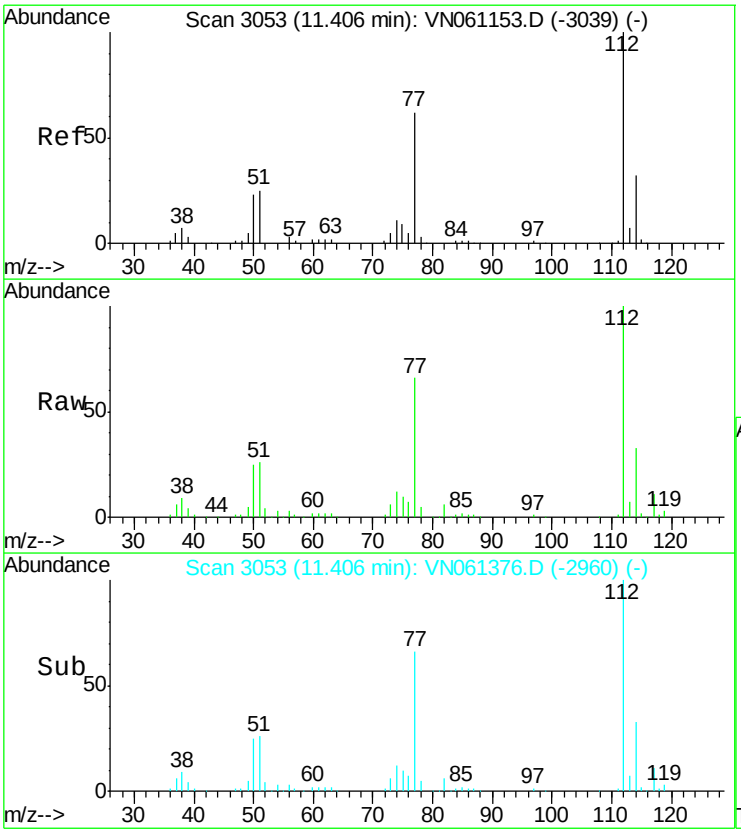
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 161383

Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.8	71.8
119	31.4	25.8	38.6

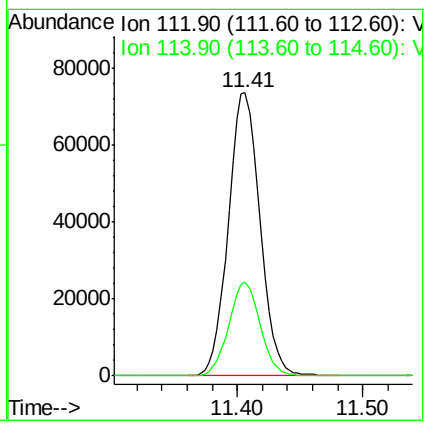


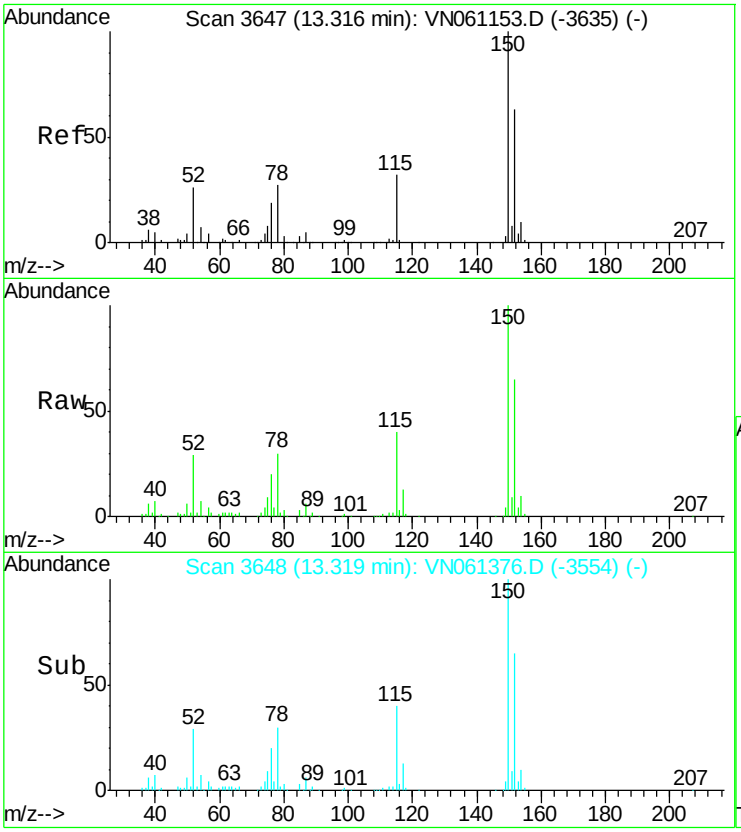


#65
Chlorobenzene
Concen: 40.304 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:112 Resp: 129026

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.2



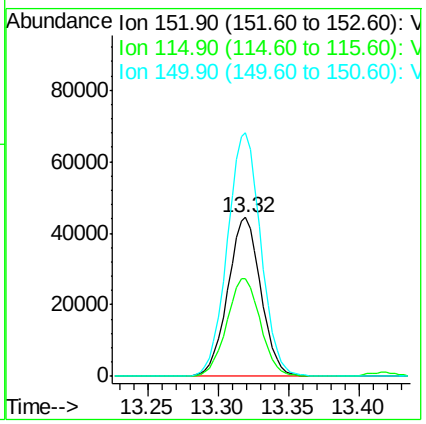


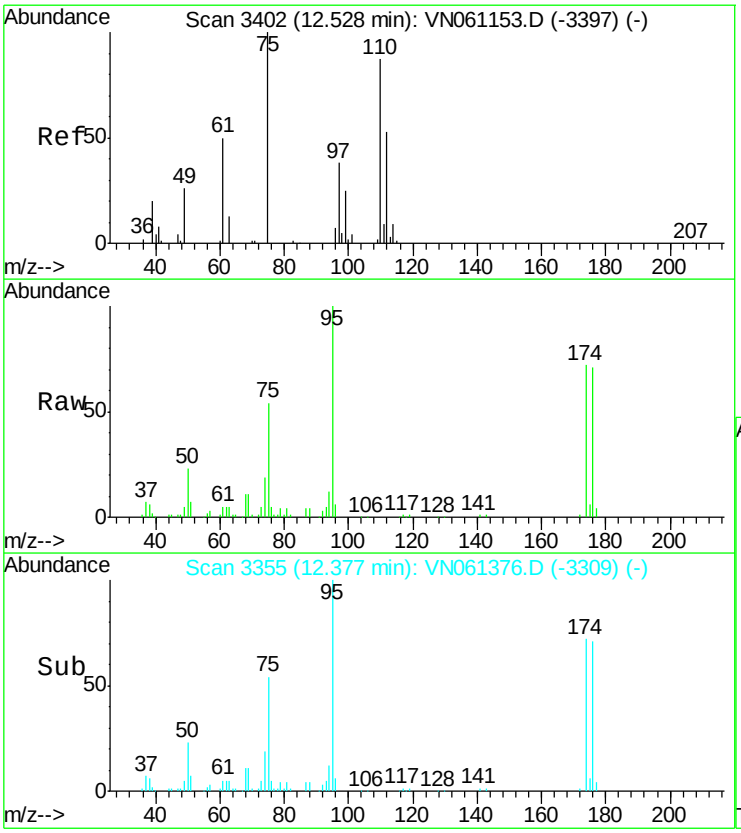
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 72675

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.0	93.0
150	155.4	0.0	351.8

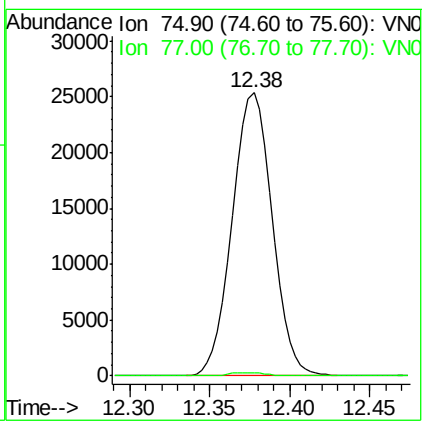


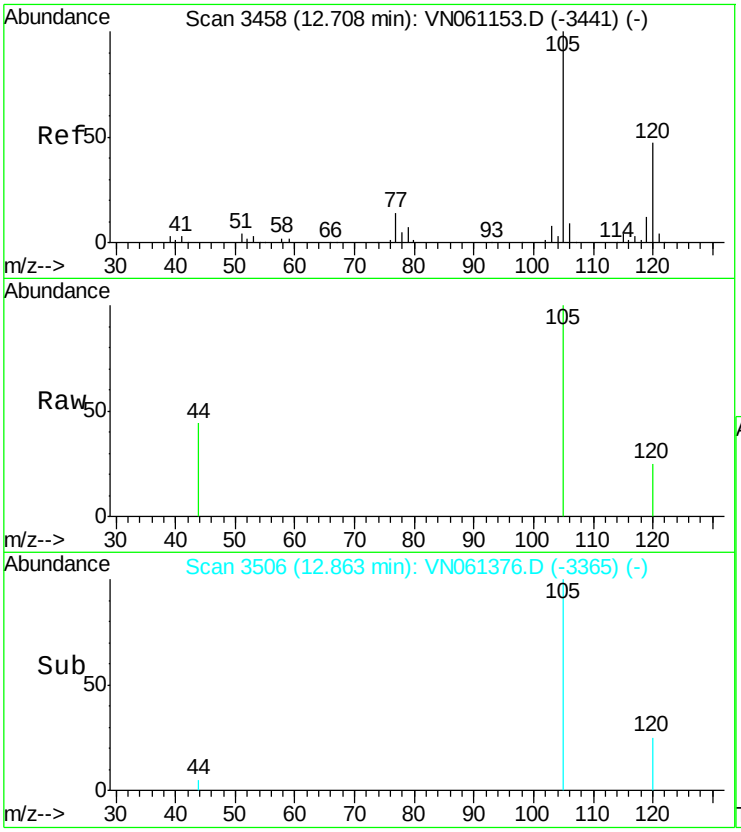


#76
1,2,3-Trichloropropane
Concen: 28.198 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. -0.15 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 75 Resp: 43205

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



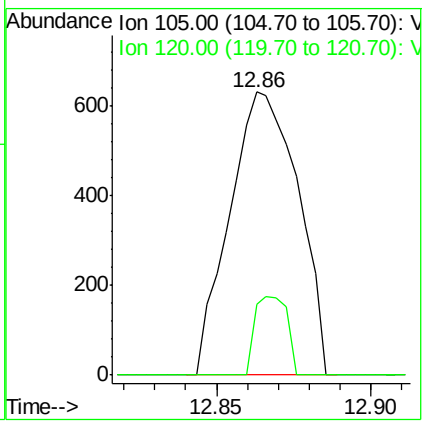


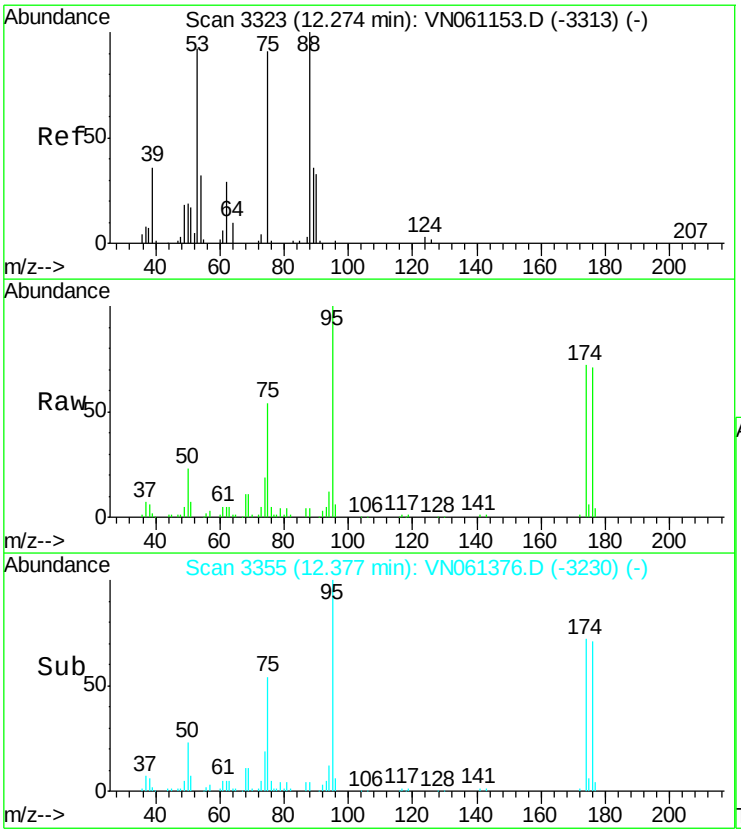
#80
1,3,5-Trimethylbenzene
Concen: 0.219 ug/l
RT: 12.86 min Scan# 3506
Delta R.T. 0.15 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 969

Ion	Ratio	Lower	Upper
105	100		
120	13.1	23.9	71.7#

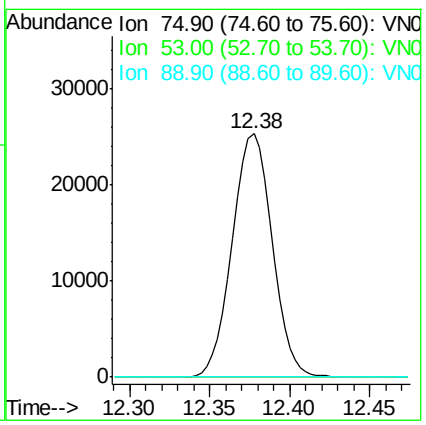


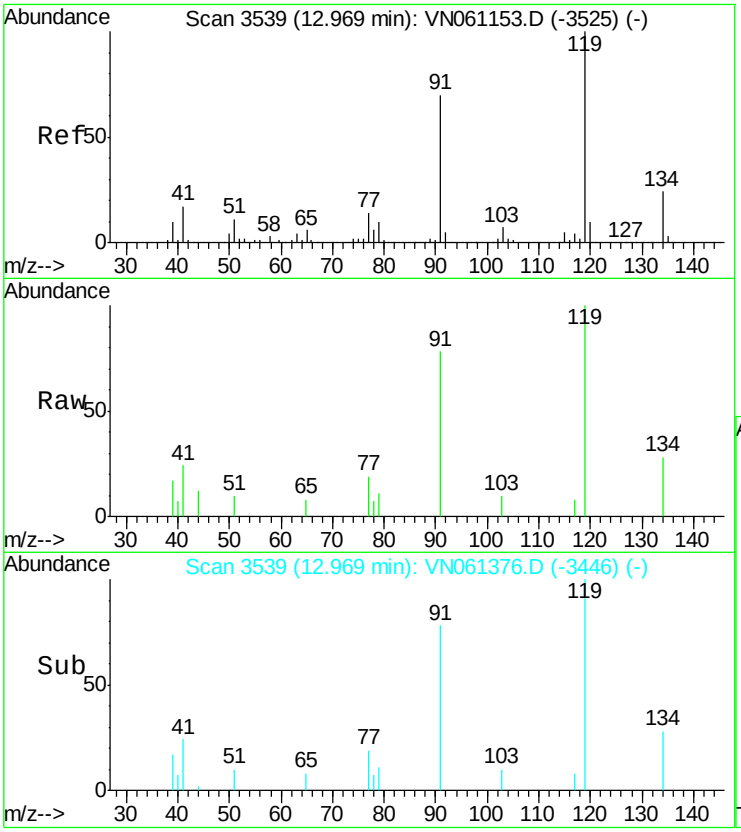


#81
trans-1,4-Dichloro-2-butene
Concen: 71.609 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.10 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 75 Resp: 43205

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.1	126.1#
89	0.0	35.2	52.8#



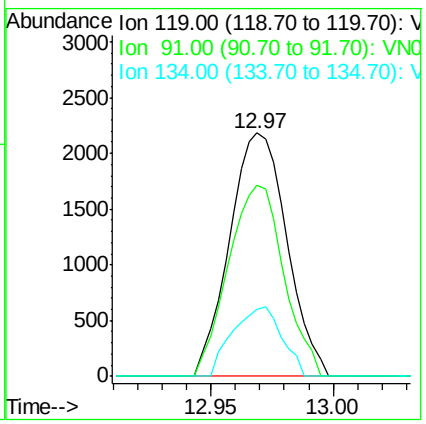


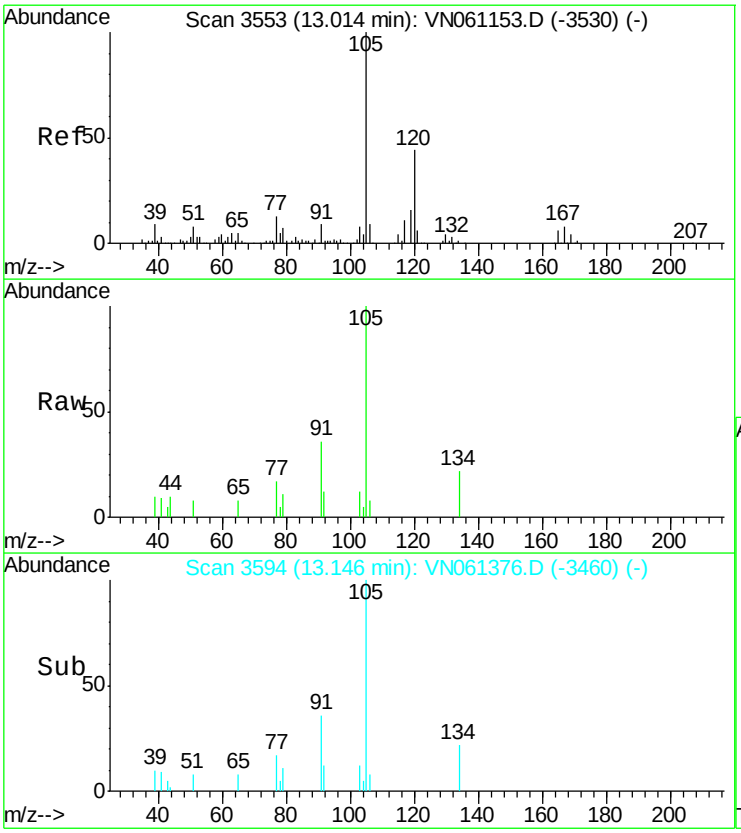
#83
tert-Butylbenzene
Concen: 0.951 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 3546

Ion	Ratio	Lower	Upper
119	100		
91	76.1	34.8	104.4
134	24.6	12.9	38.7

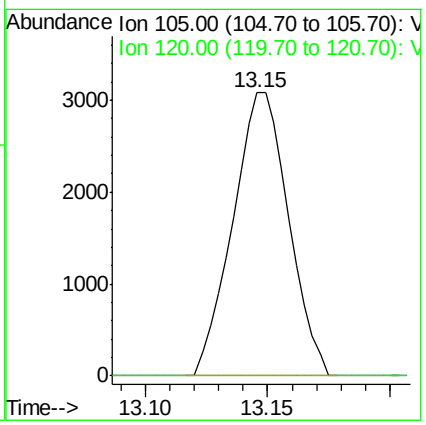


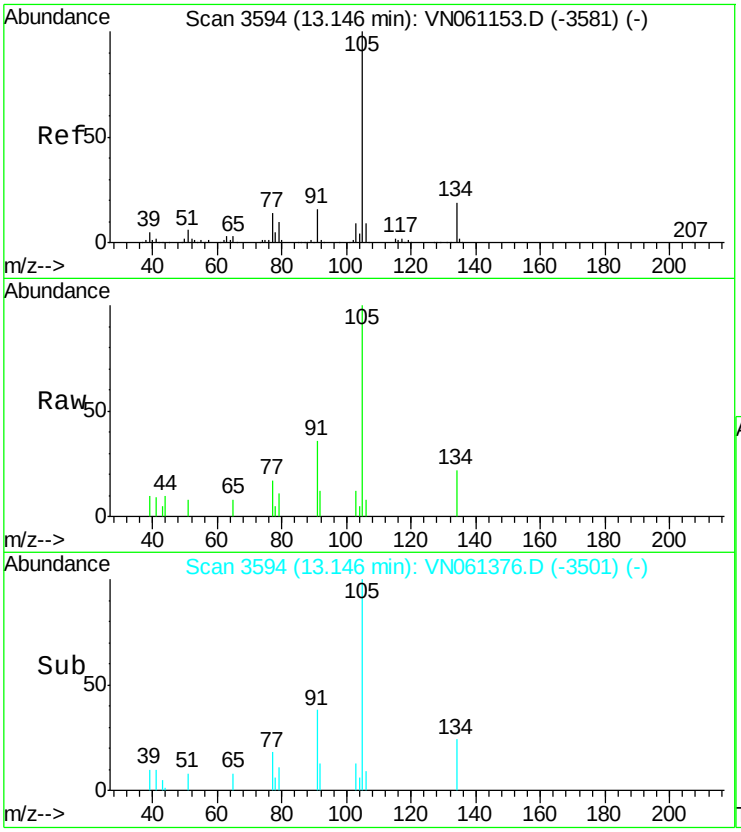


#84
1,2,4-Trimethylbenzene
Concen: 1.070 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.13 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:105 Resp: 4875

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.2	66.6#



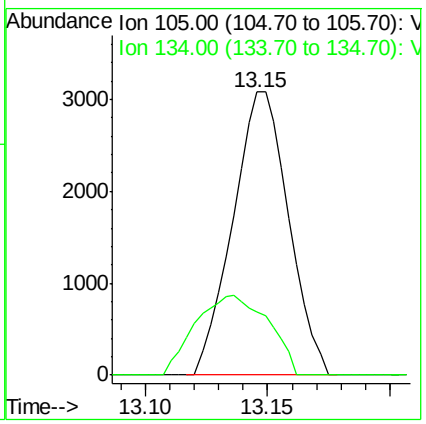


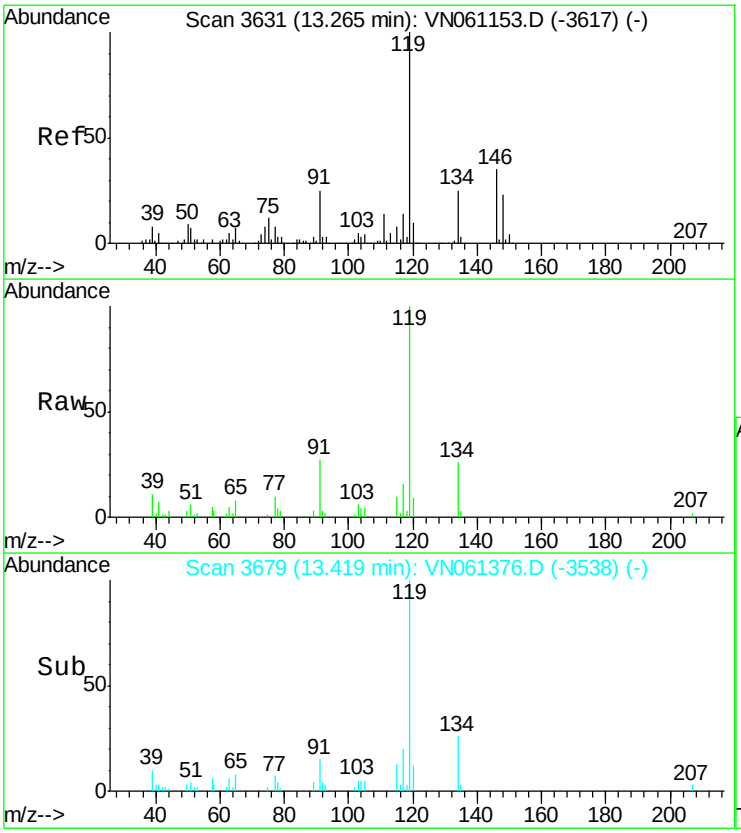
#85
sec-Butylbenzene
Concen: 0.959 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 4875

Ion	Ratio	Lower	Upper
105	100		
134	36.9	9.6	28.8#

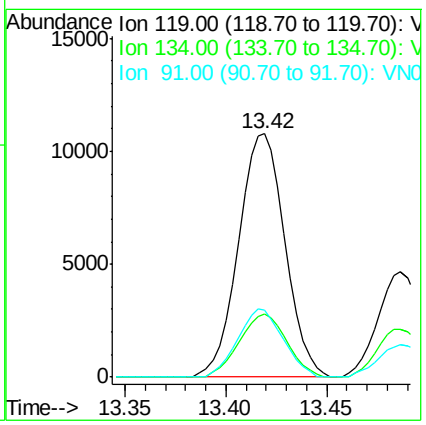


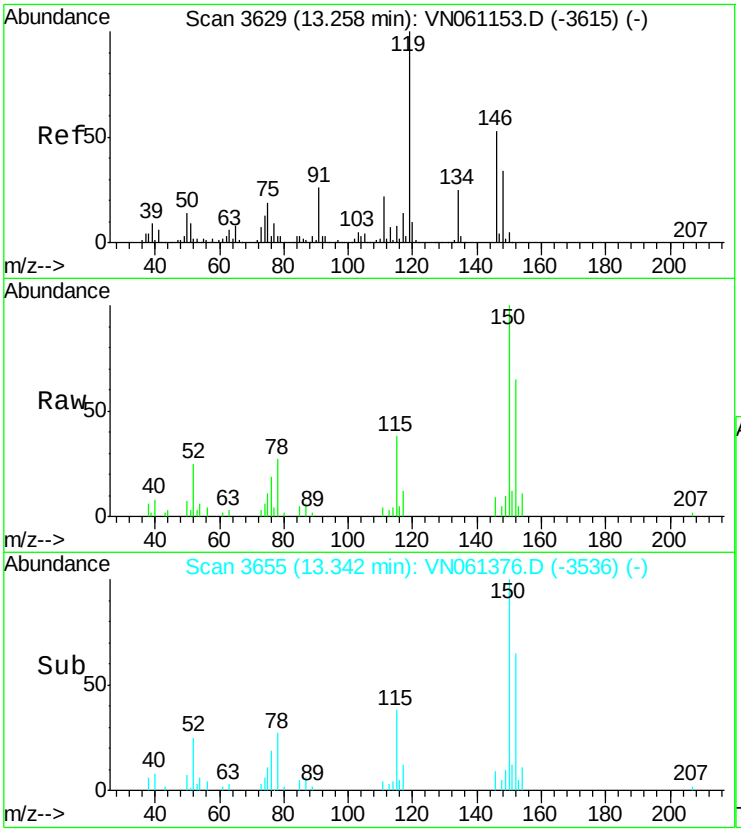


#86
p-Isopropyltoluene
Concen: 3.790 ug/l
RT: 13.42 min Scan# 3679
Delta R.T. 0.15 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:119 Resp: 17359

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.6	37.6
91	27.6	12.7	38.0



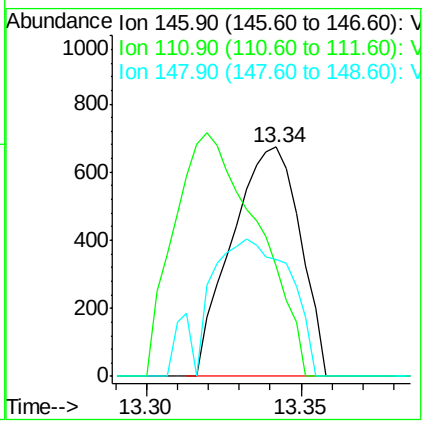


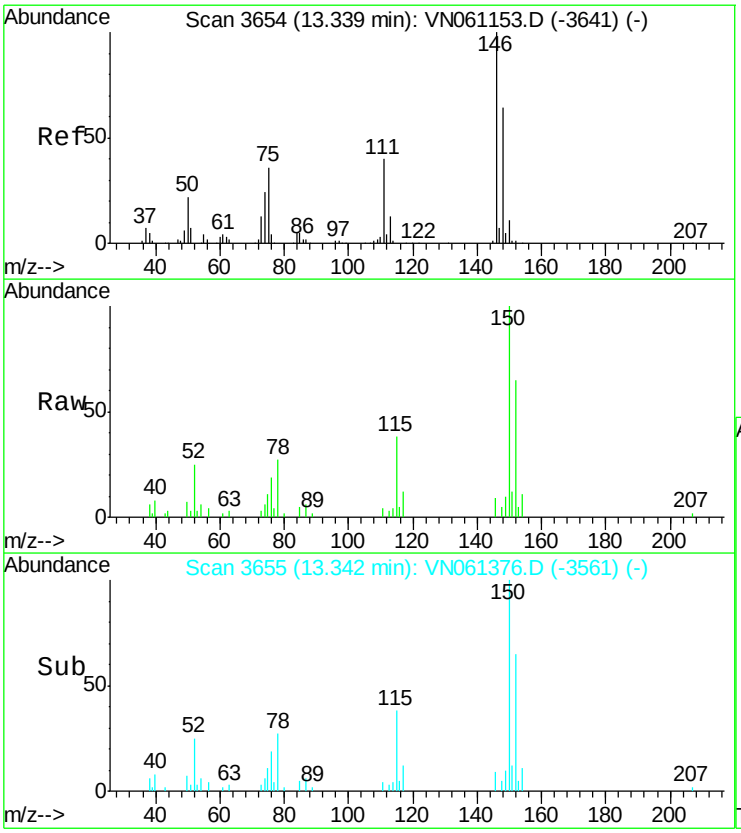
#87
1,3-Dichlorobenzene
Concen: 0.456 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. 0.08 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1035

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	73.6	31.8	95.3

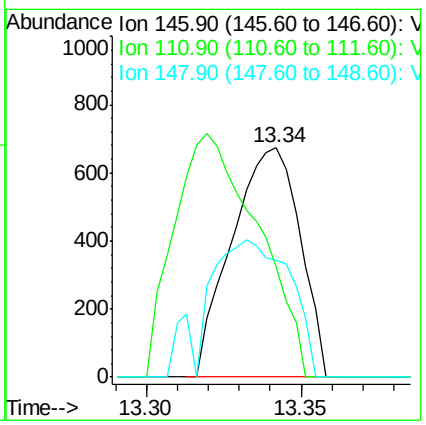


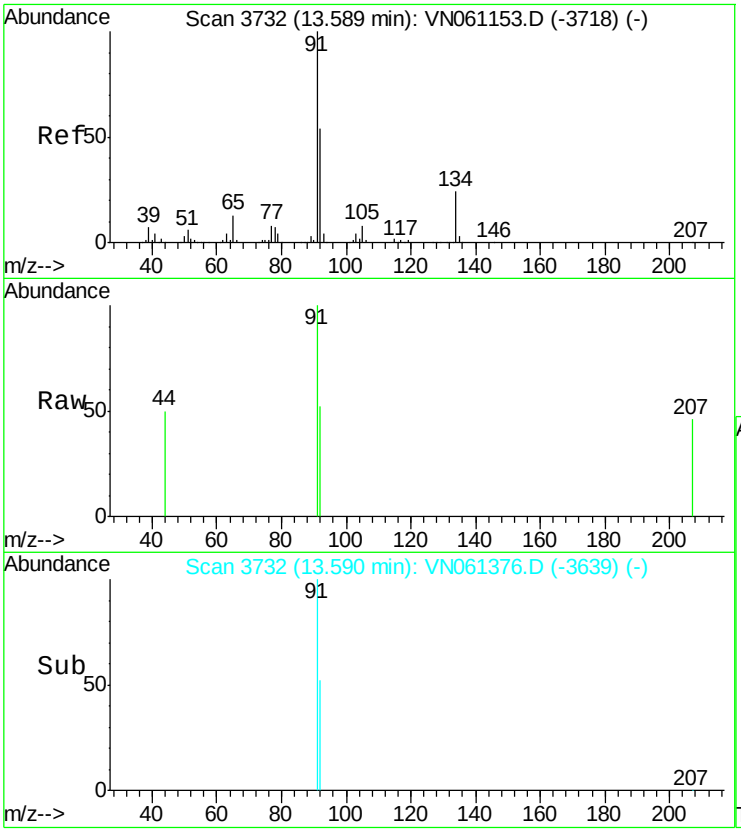


#88
1,4-Dichlorobenzene
Concen: 0.446 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:146 Resp: 1035

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.4	61.3#
148	73.6	31.9	95.7



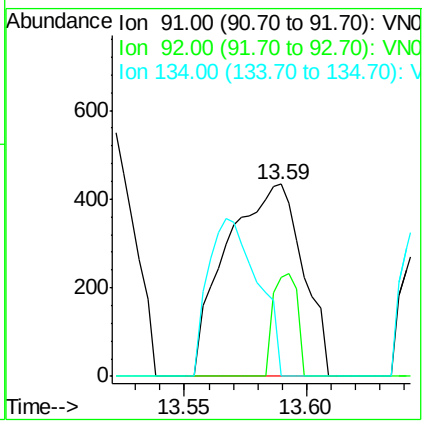


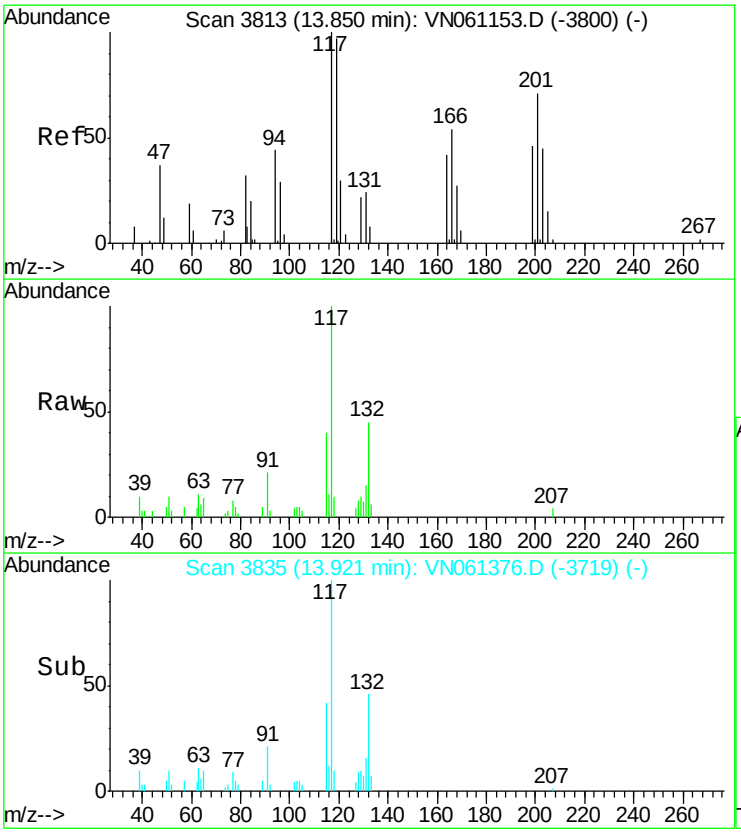
#89
n-Butylbenzene
Concen: 0.223 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 937

Ion	Ratio	Lower	Upper
91	100		
92	17.4	26.8	80.3#
134	0.0	11.9	35.5#

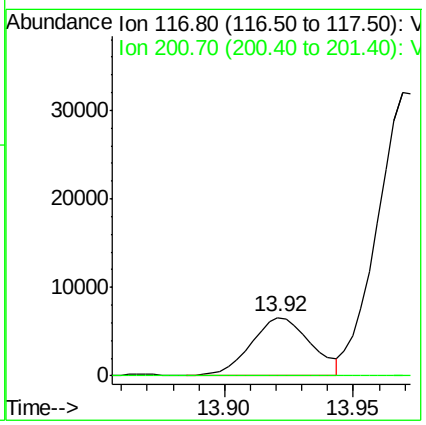


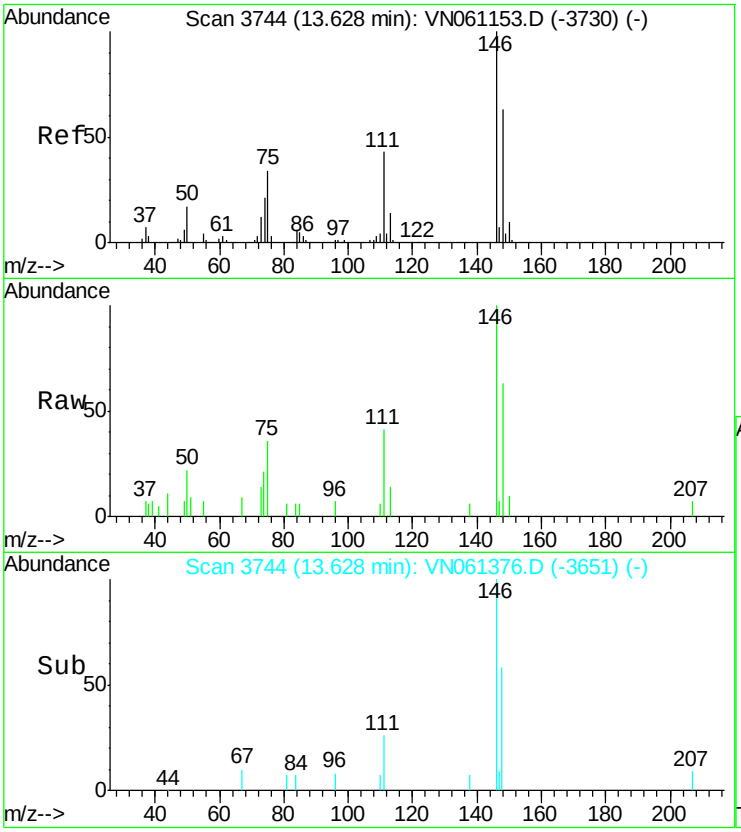


#90
Hexachloroethane
Concen: 26.762 ug/l
RT: 13.92 min Scan# 3835
Delta R.T. 0.07 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion:117 Resp: 10787

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.5	106.7#



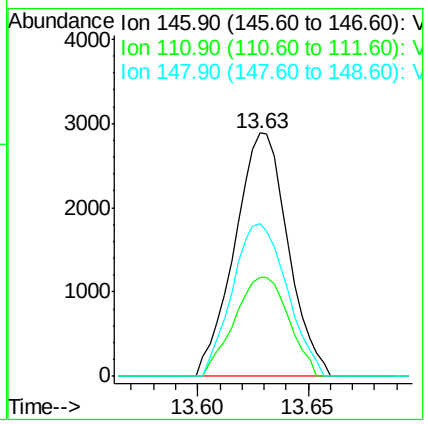


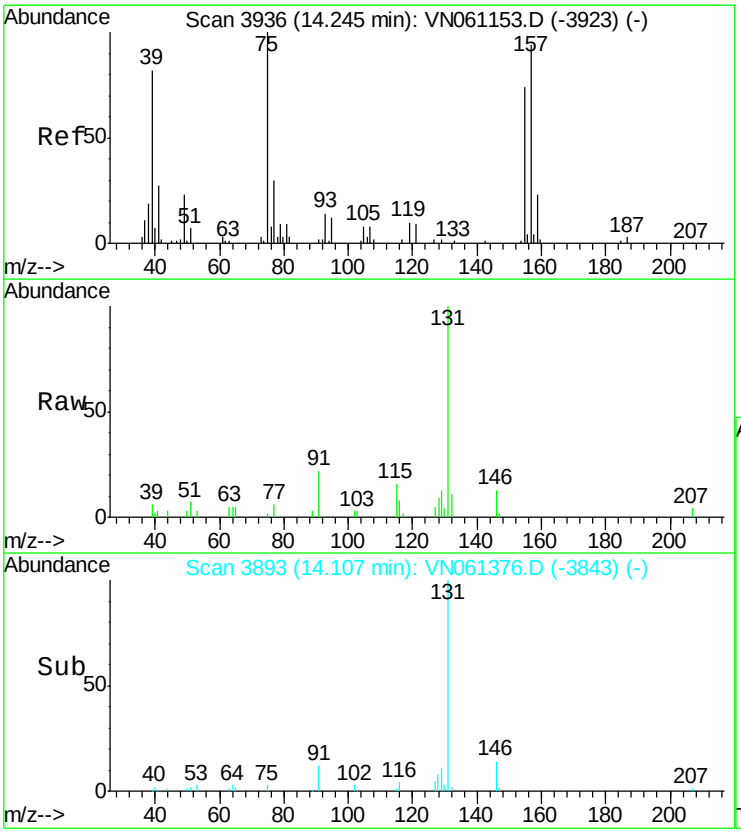
#91
1,2-Dichlorobenzene
Concen: 2.232 ug/l
RT: 13.63 min Scan# 3744
Delta R.T. 0.00 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 4858

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.8	65.3
148	64.1	31.6	95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.534 ug/l
RT: 14.11 min Scan# 3893
Delta R.T. -0.14 min
Lab File: VN061376.D
Acq: 8 May 2020 20:48

Tgt Ion: 75 Resp: 188

Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.5	109.7#
157	0.0	46.6	139.7#