Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060719\
Data File : VN056054.D
Acq On : 6 Jun 2019 18:42
Operator : JC/SP
Sample : K3203-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : LF015RW050-190604

Quant Time: Jun 07 05:28:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	480724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	165836	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.12%			
35) Dibromofluoromethane	7.59	113	144794	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	10.09	98	603249	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.30%			
62) 4-Bromofluorobenzene	12.40	95	187494	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.18	62	7006	2.047	ug/l	98
16) Acetone	3.82	43	587	0.393	ug/l #	41
18) Methyl Acetate	4.33	43	1384	Below Cal	#	89
27) cis-1,2-Dichloroethene	6.83	96	3636	1.093	ug/l	93
31) Cyclohexane	7.67	56	4532	0.914	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18379	4.446	ug/l #	43
38) Carbon Tetrachloride	7.66	117	25215	6.617	ug/l #	14
40) Benzene	8.04	78	27783	2.213	ug/l	97
43) Isopropyl Acetate	8.30	43	3005	0.504	ug/l #	53
65) Chlorobenzene	11.43	112	308302	34.569	ug/l	100
71) Bromoform	12.38	173	91	2.775	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	85515	33.790	ug/l #	100
79) 2-Chlorotoluene	12.40	91	399	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	85515	112.526	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	1598	0.351	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	13004	2.966	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	13117	2.851	ug/l	99
95) Naphthalene	15.14	128	30	3.856	ug/l #	69

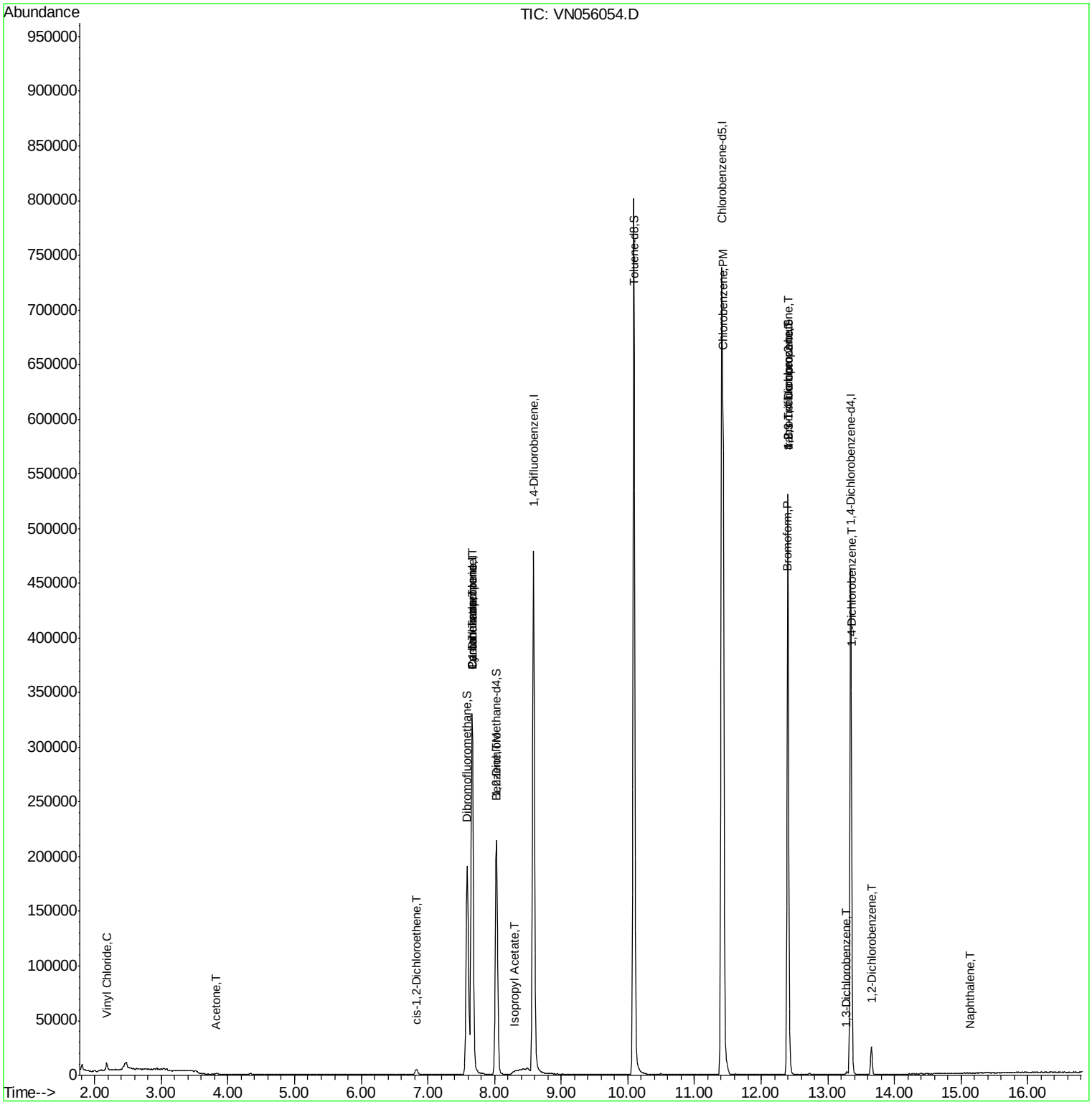
(#) = qualifier out of range (m) = manual integration (+) = signals summed

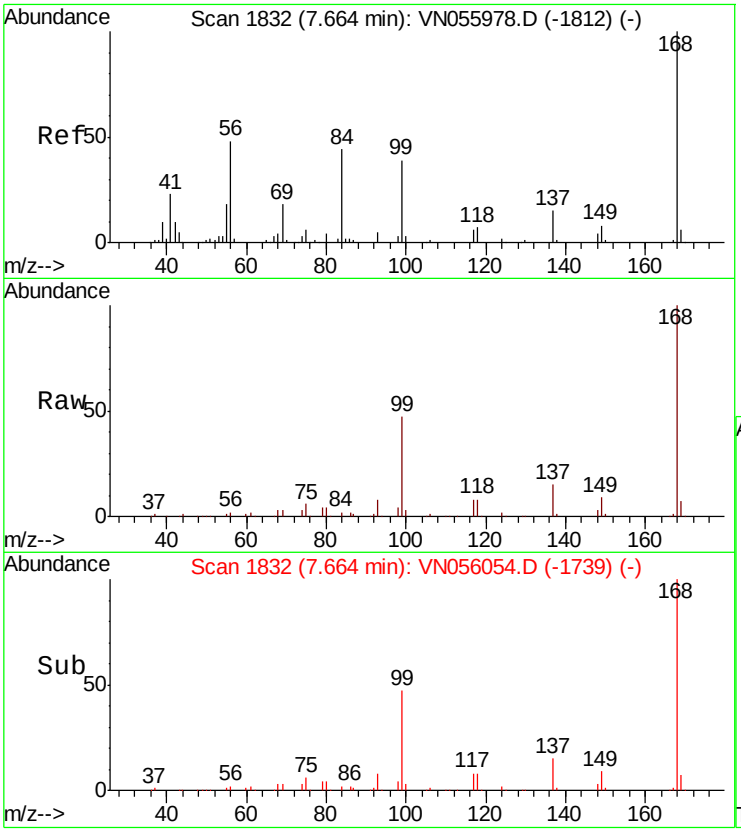
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060719\
Data File : VN056054.D
Acq On : 6 Jun 2019 18:42
Operator : JC/SP
Sample : K3203-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Quant Time: Jun 07 05:28:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration



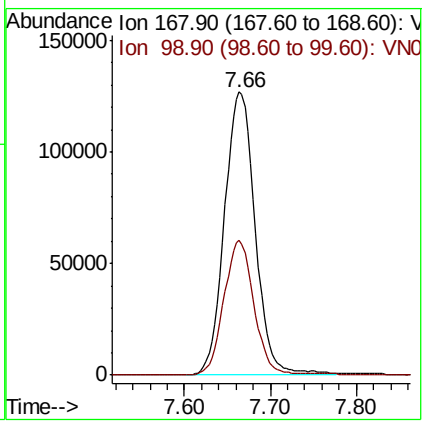


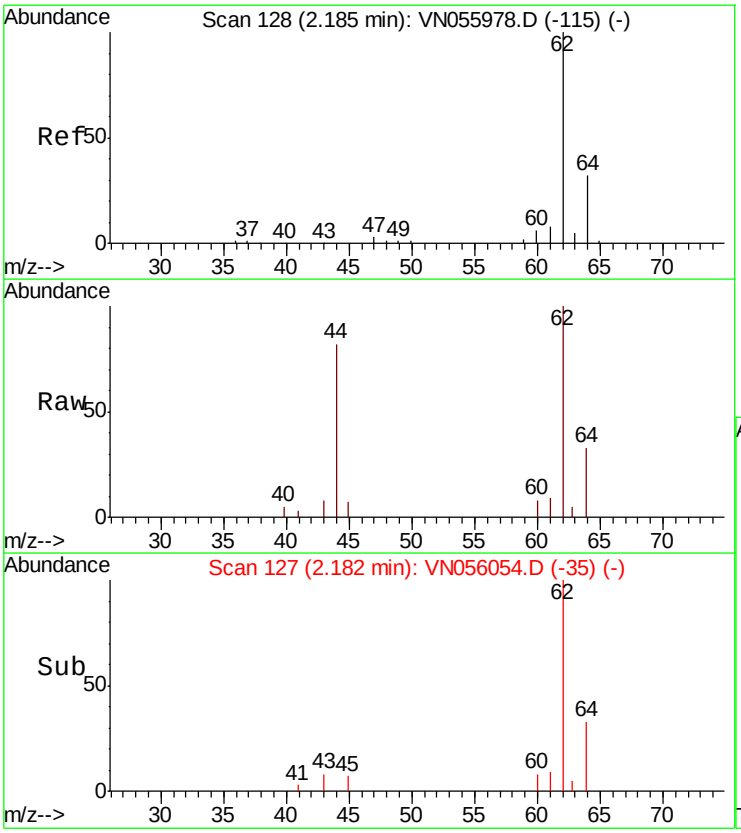
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:168 Resp: 314764

Ion	Ratio	Lower	Upper
168	100		
99	47.5	37.2	55.8

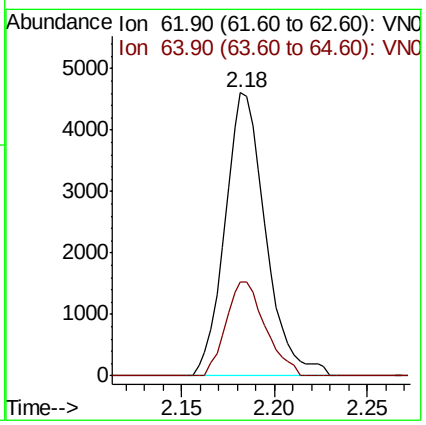


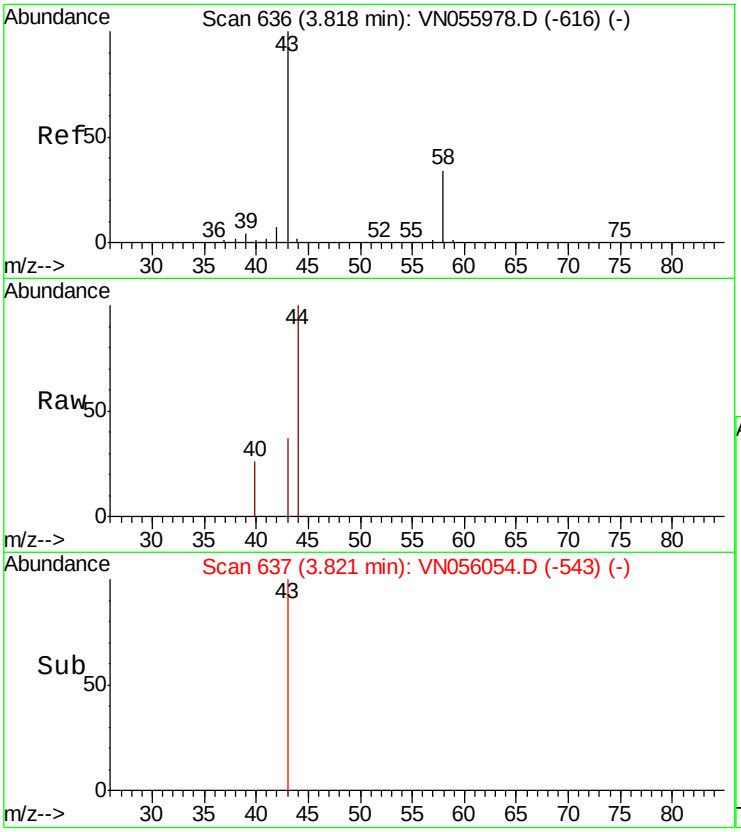


#4
Vinyl Chloride
Concen: 2.047 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 62 Resp: 7006

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.6	38.4



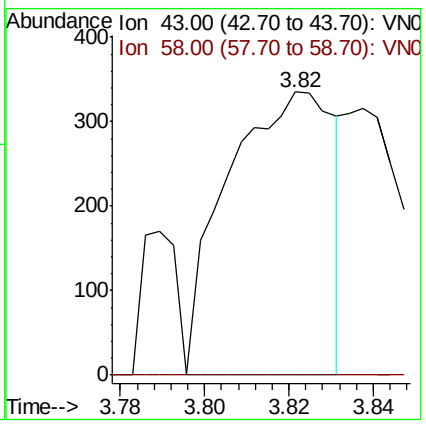


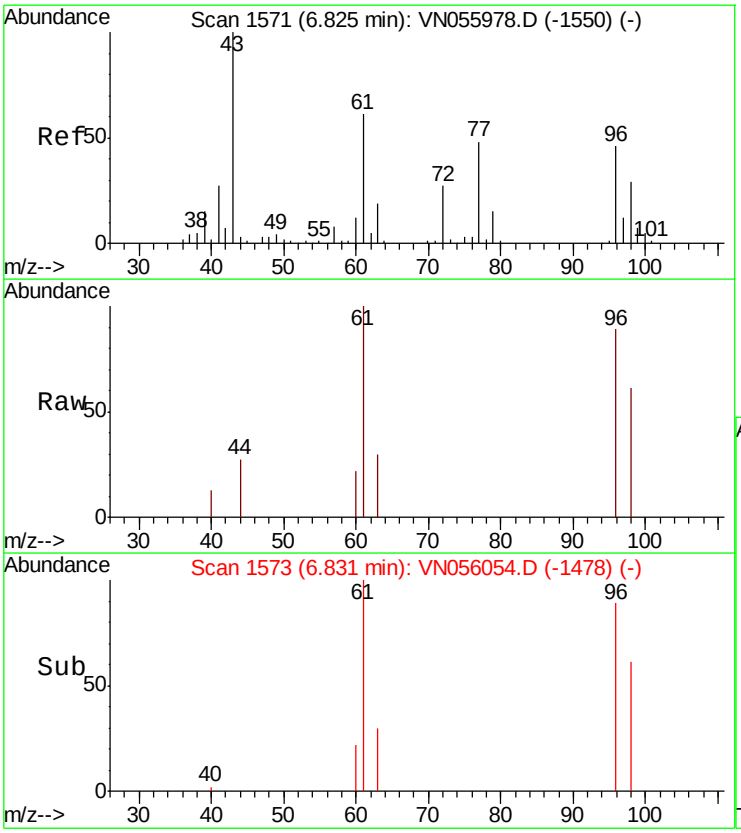
#16
Acetone
Concen: 0.393 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 43 Resp: 587

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	39.8#

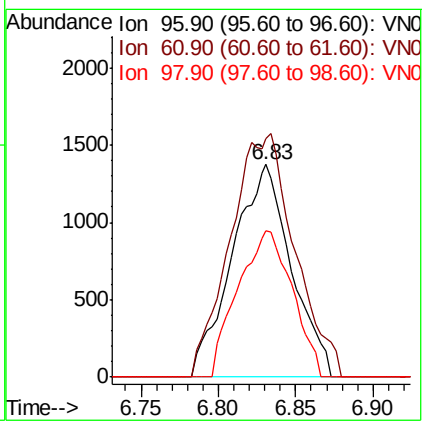


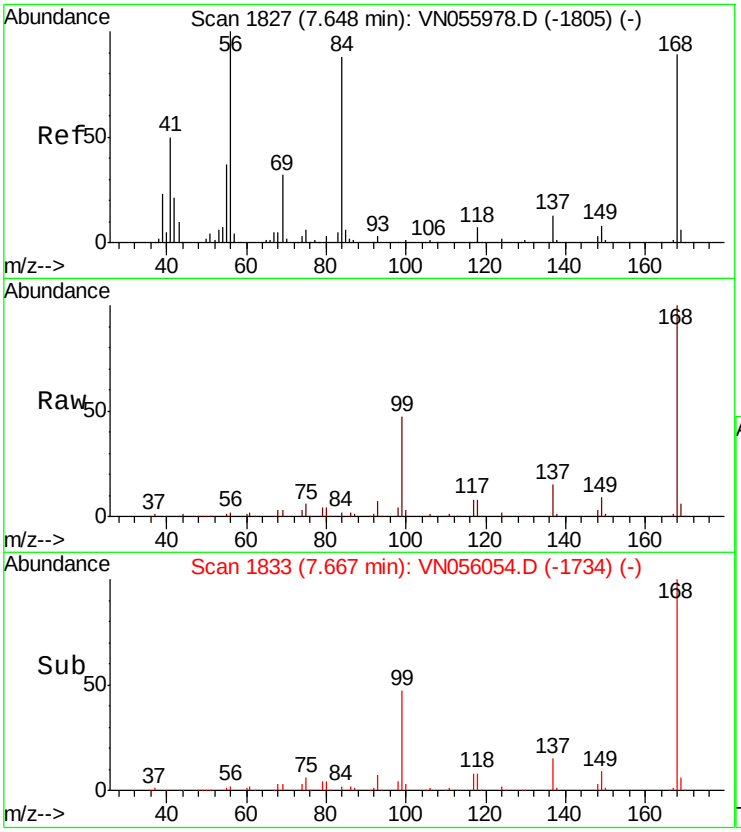


#27
cis-1,2-Dichloroethene
Concen: 1.093 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 96 Resp: 3636

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	275.8
98	63.5	0.0	128.4



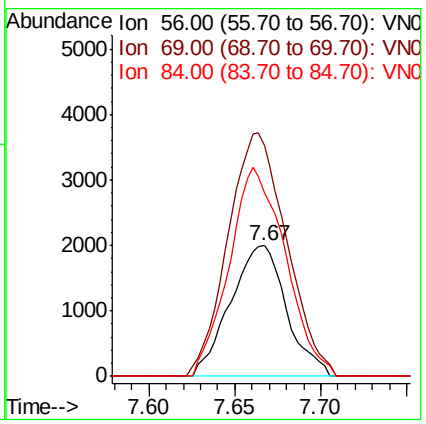


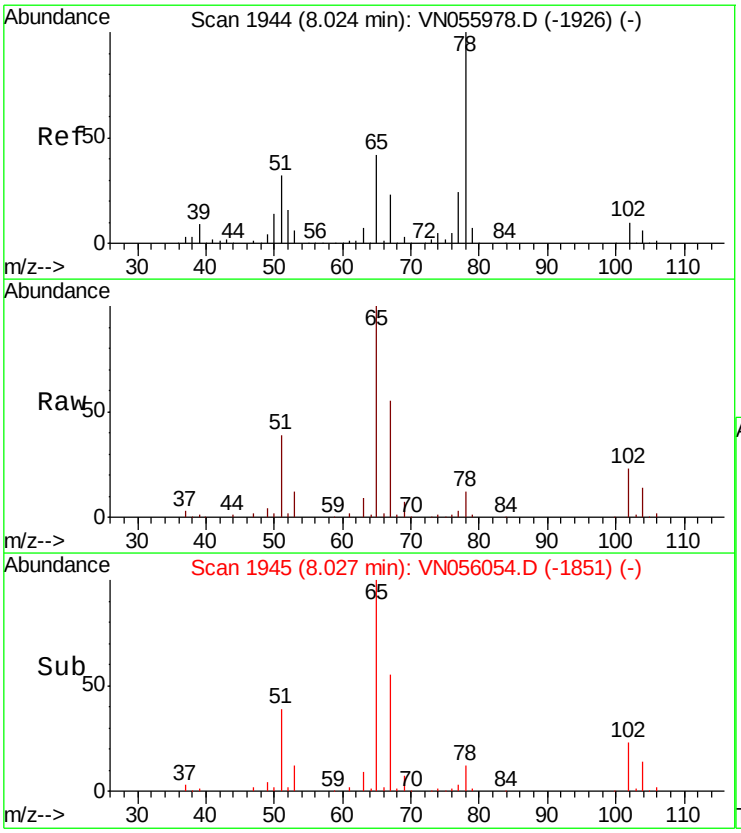
#31
Cyclohexane
Concen: 0.914 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 56 Resp: 4532

Ion	Ratio	Lower	Upper
56	100		
69	177.2	25.6	38.4#
84	140.5	67.4	101.0#

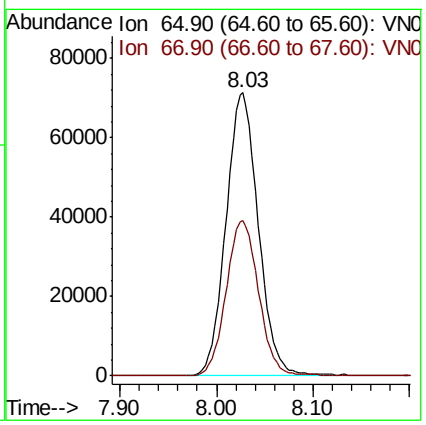


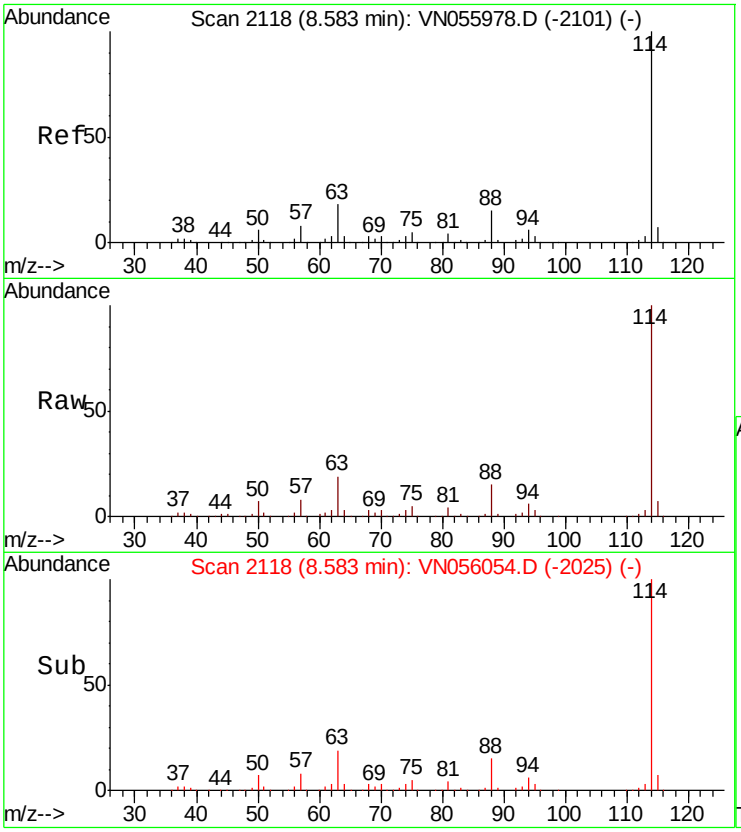


#33
1,2-Dichloroethane-d4
Concen: 53.062 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 65 Resp: 165836

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.2



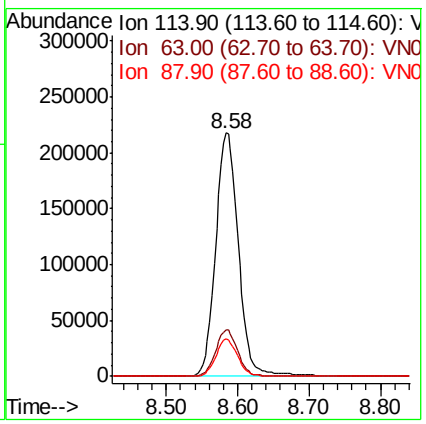


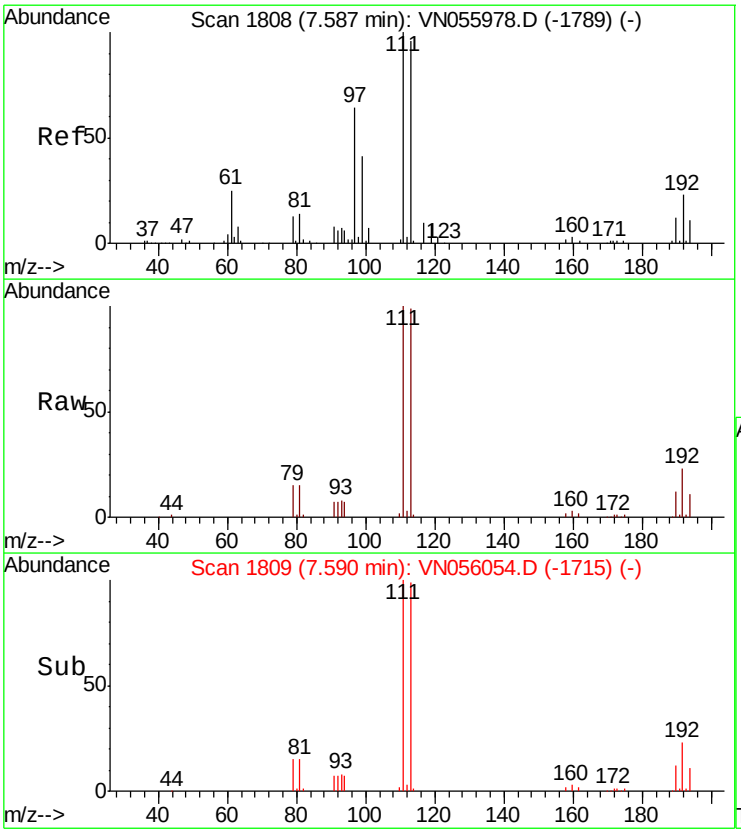
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:114 Resp: 480724

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.4	0.0	31.0

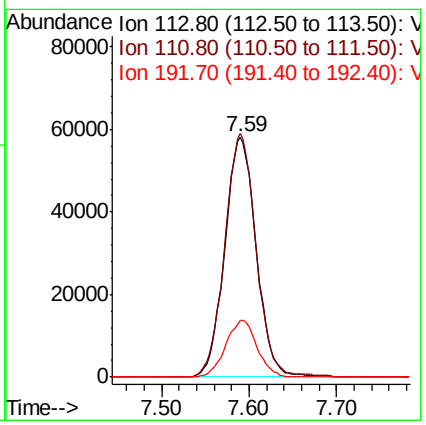


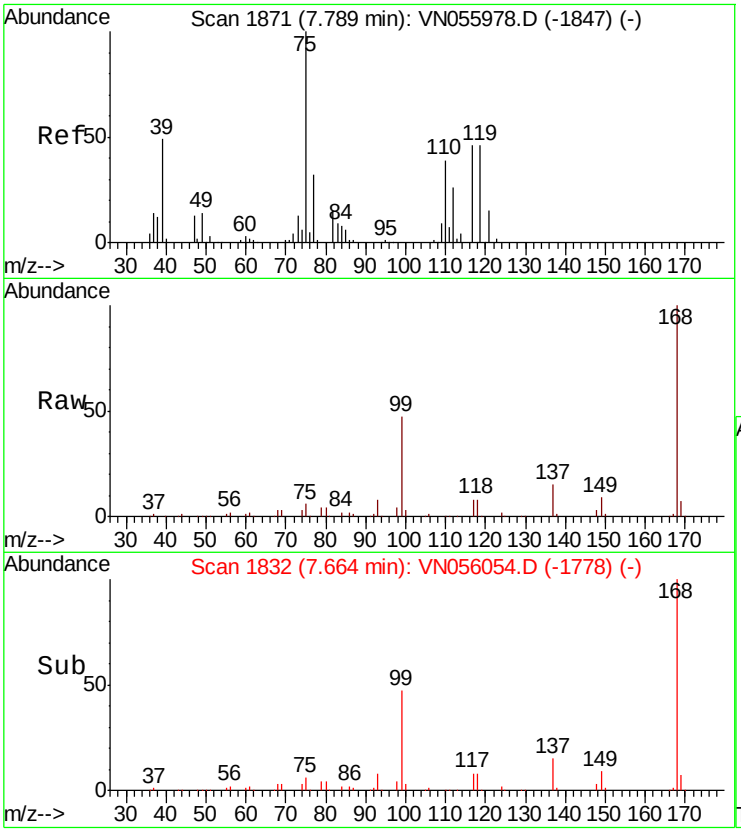


#35
Dibromofluoromethane
Concen: 49.093 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:113 Resp: 144794

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	23.6	19.5	29.3



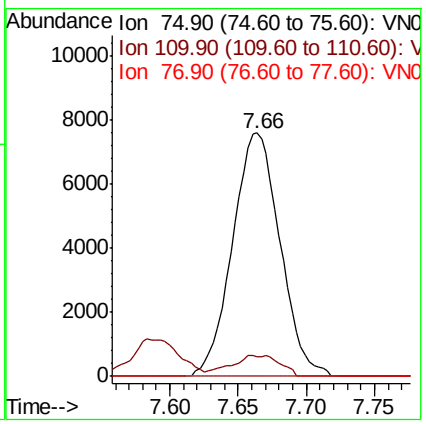


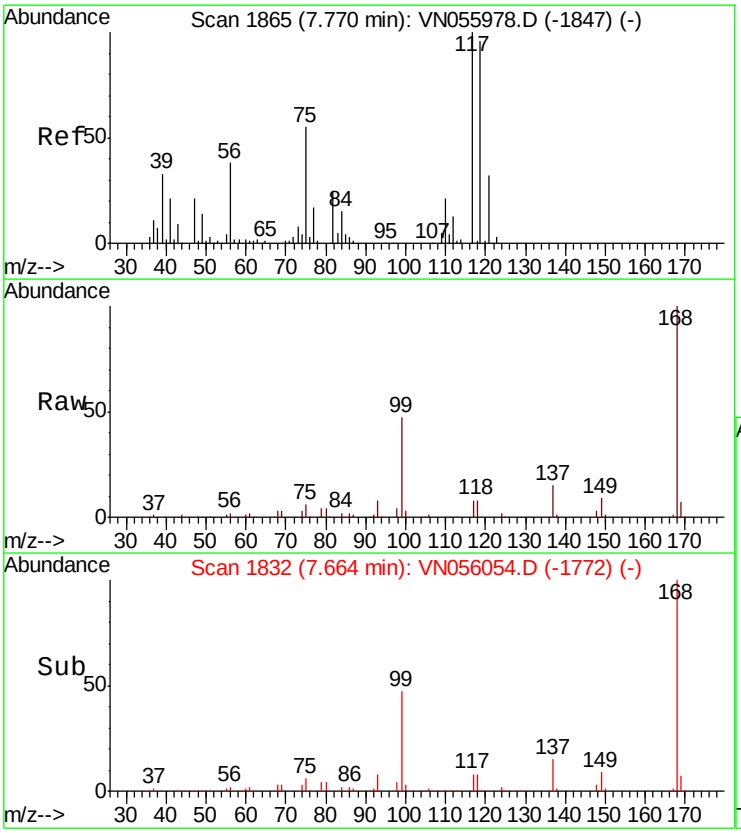
#36
1,1-Dichloropropene
Concen: 4.446 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 75 Resp: 18379

Ion	Ratio	Lower	Upper
75	100		
110	3.1	19.0	57.0#
77	0.0	25.1	37.7#

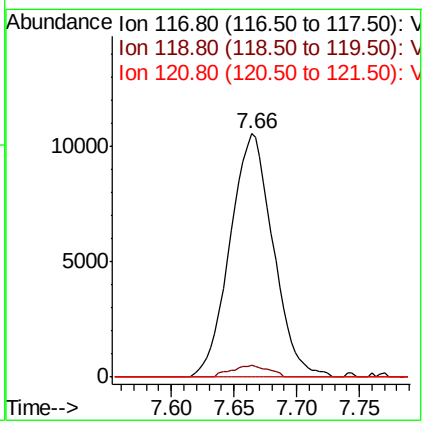


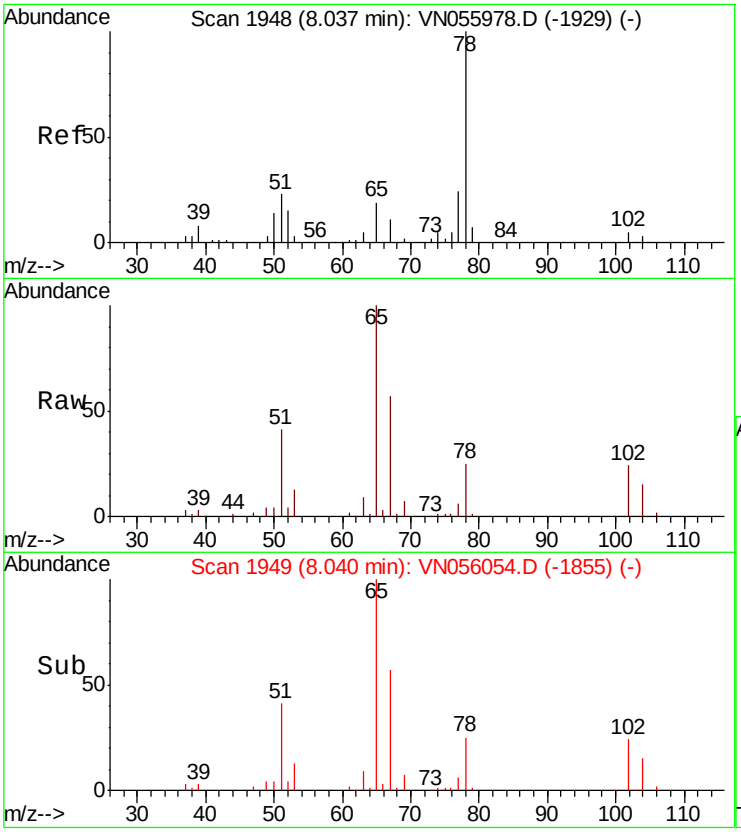


#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:117 Resp: 25215

Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.0	118.6#
121	0.0	24.7	37.1#



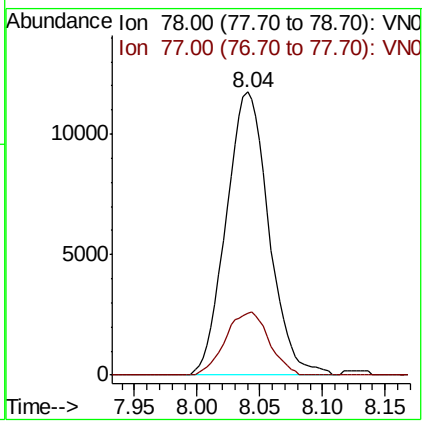


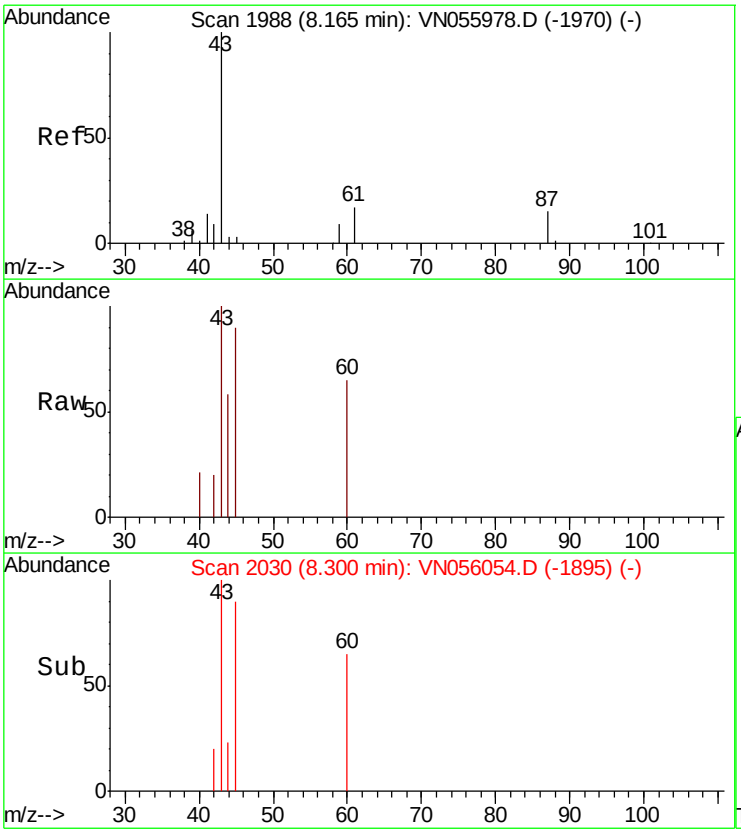
#40
Benzene
Concen: 2.213 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 78 Resp: 27783

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2

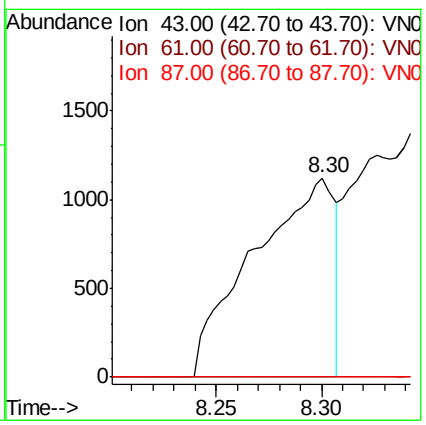


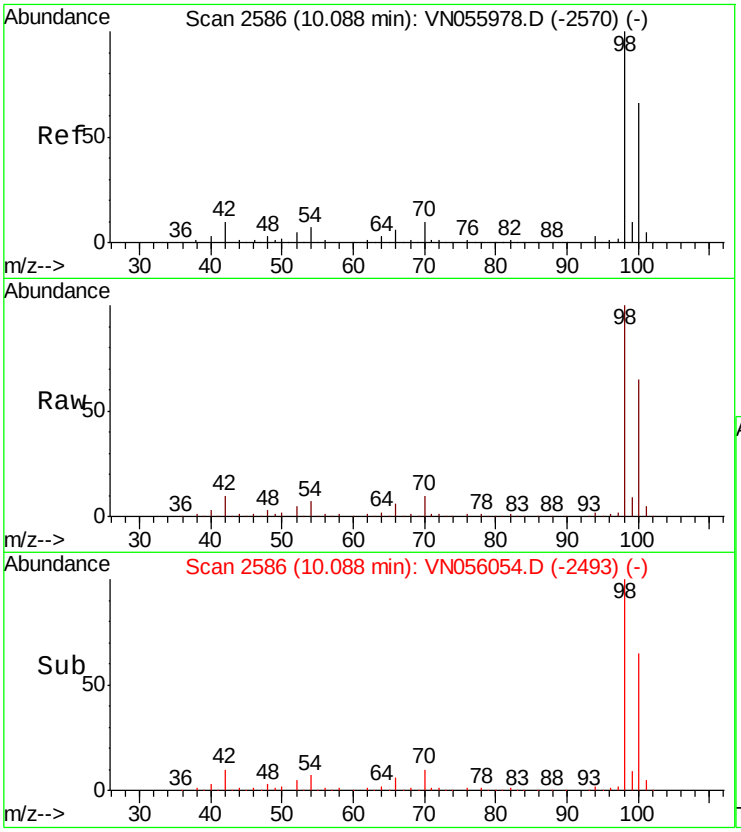


#43
Isopropyl Acetate
Concen: 0.504 ug/l
RT: 8.30 min Scan# 2030
Delta R.T. 0.14 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 43 Resp: 3005

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.4#
87	0.0	11.4	17.2#



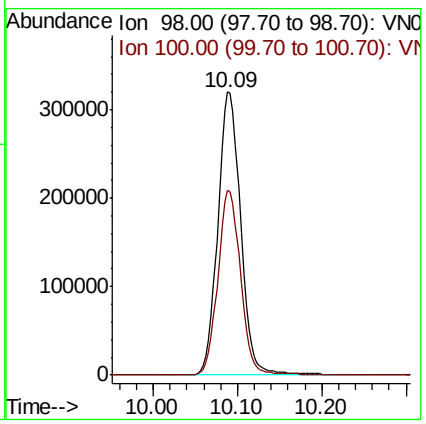


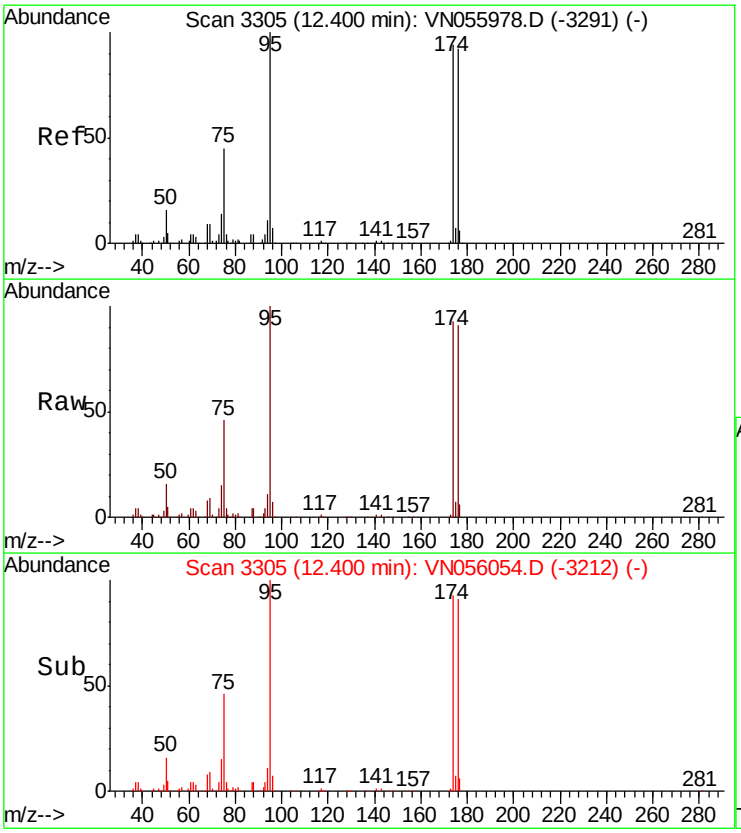
#50
Toluene-d8
Concen: 53.153 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 98 Resp: 603249

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

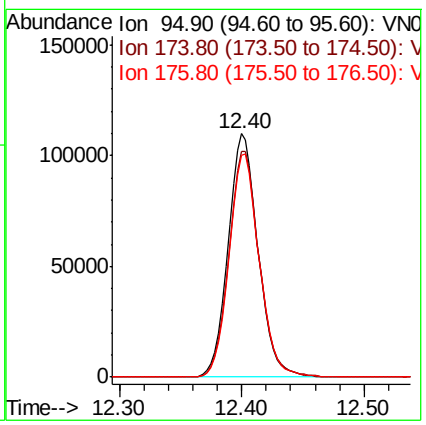


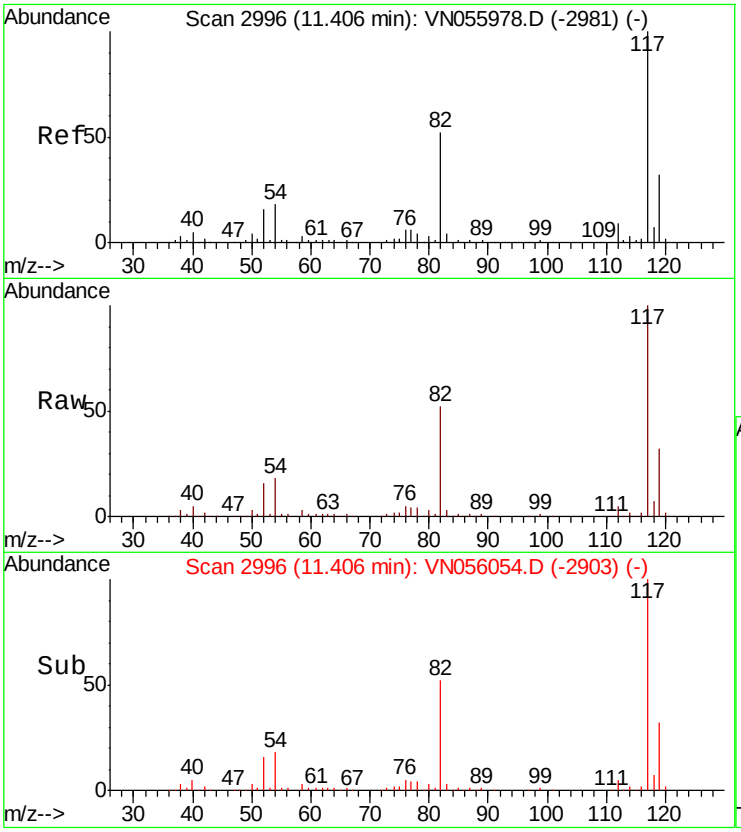


#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 95 Resp: 187494

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	191.0
176	92.1	0.0	185.2



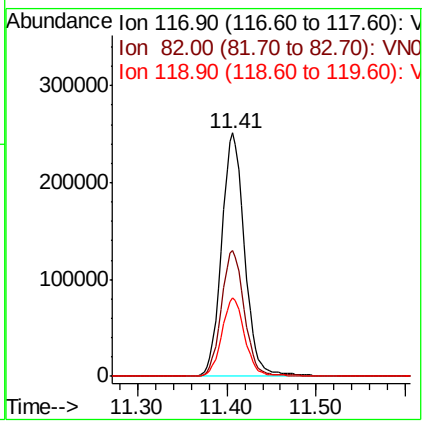


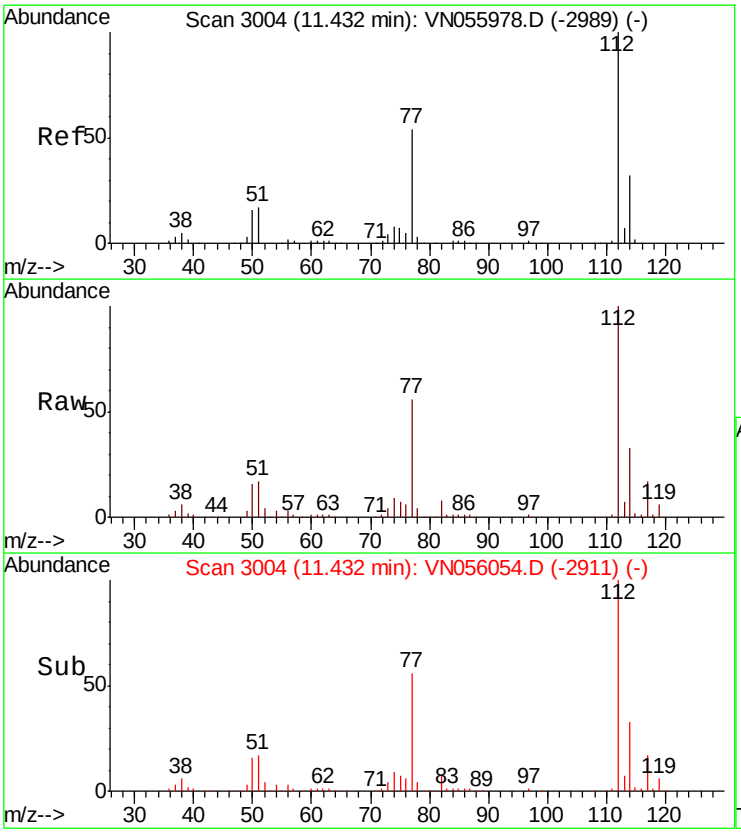
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:117 Resp: 448112

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	32.5	25.4	38.0

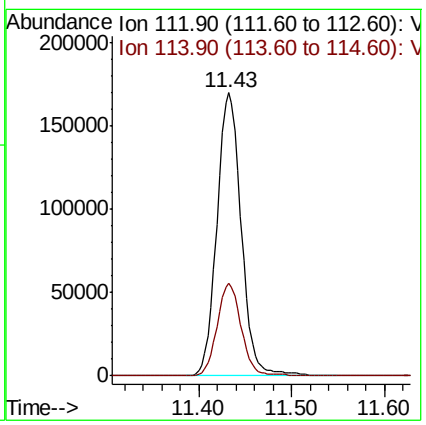


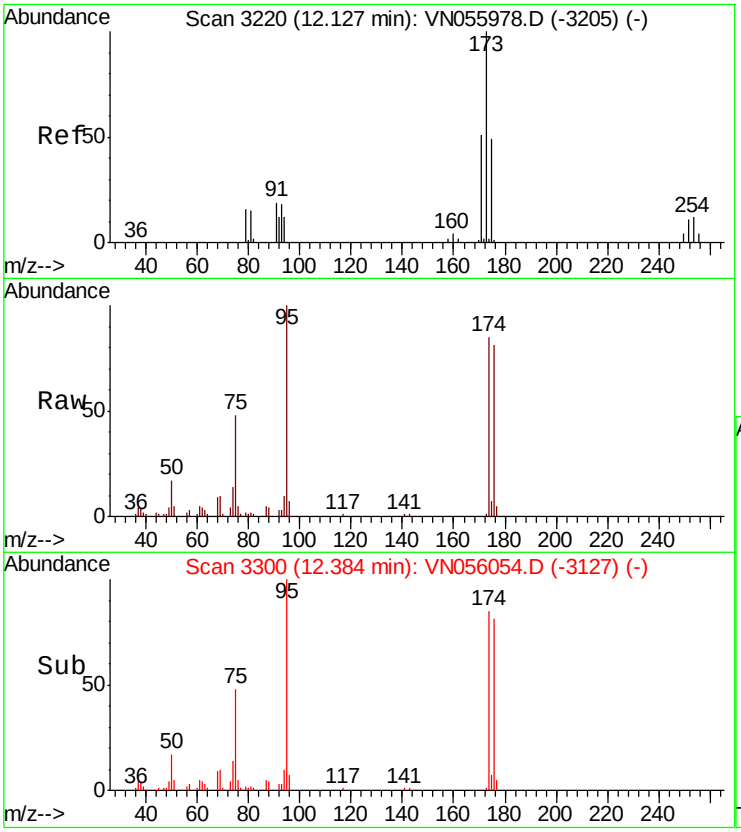


#65
Chlorobenzene
Concen: 34.569 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:112 Resp: 308302

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.2	39.4



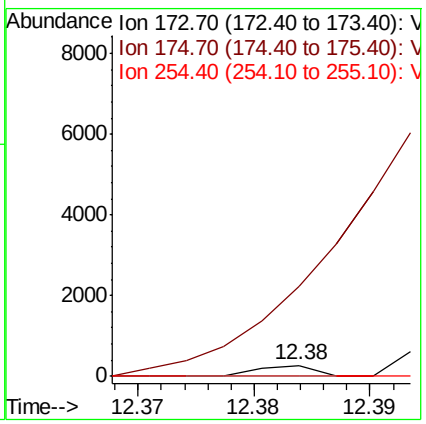


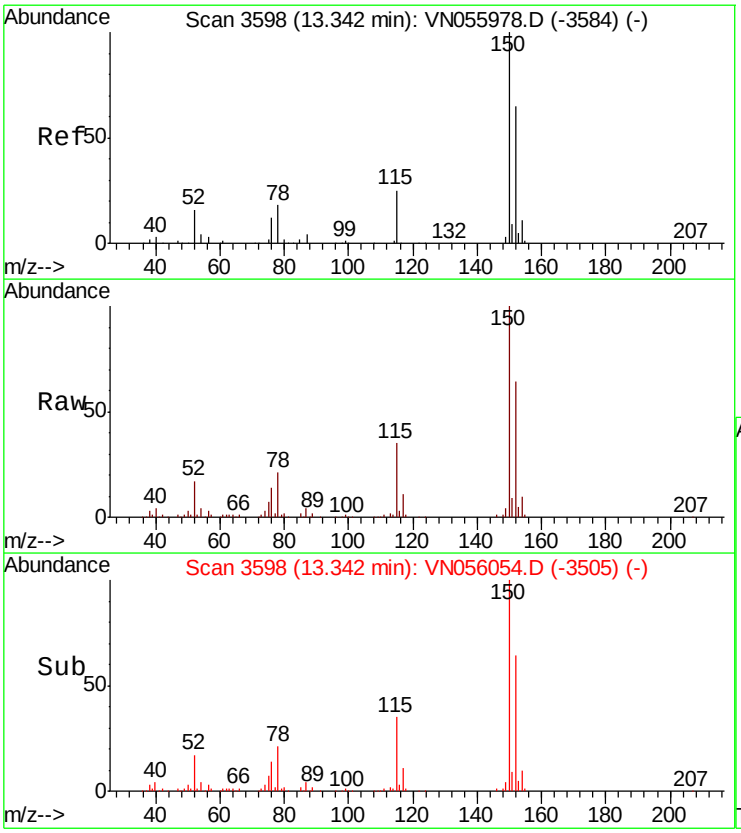
#71
Bromoform
Concen: 2.775 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:173 Resp: 91

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	72.8#
254	0.0	0.0	0.0

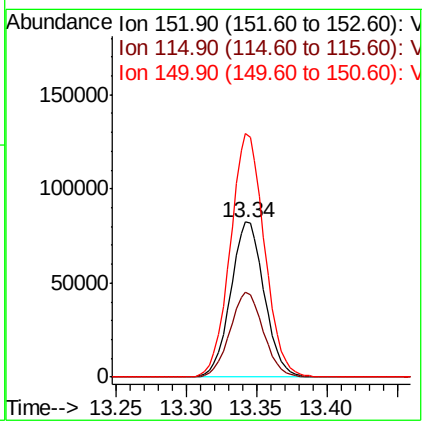


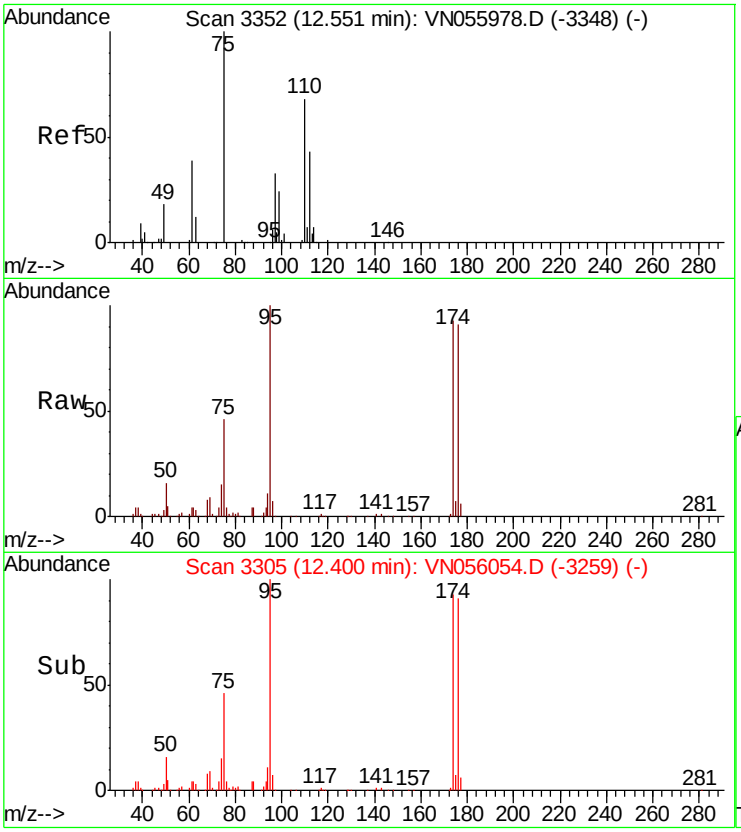


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:152 Resp: 137541

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.0	81.0
150	159.2	0.0	343.2



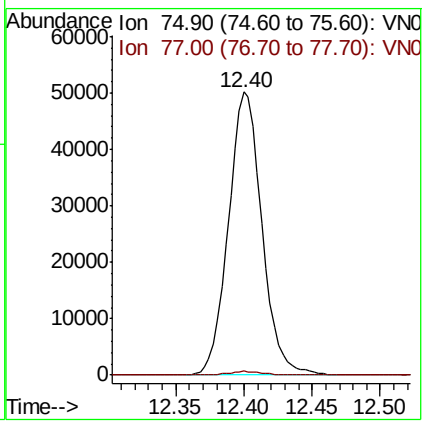


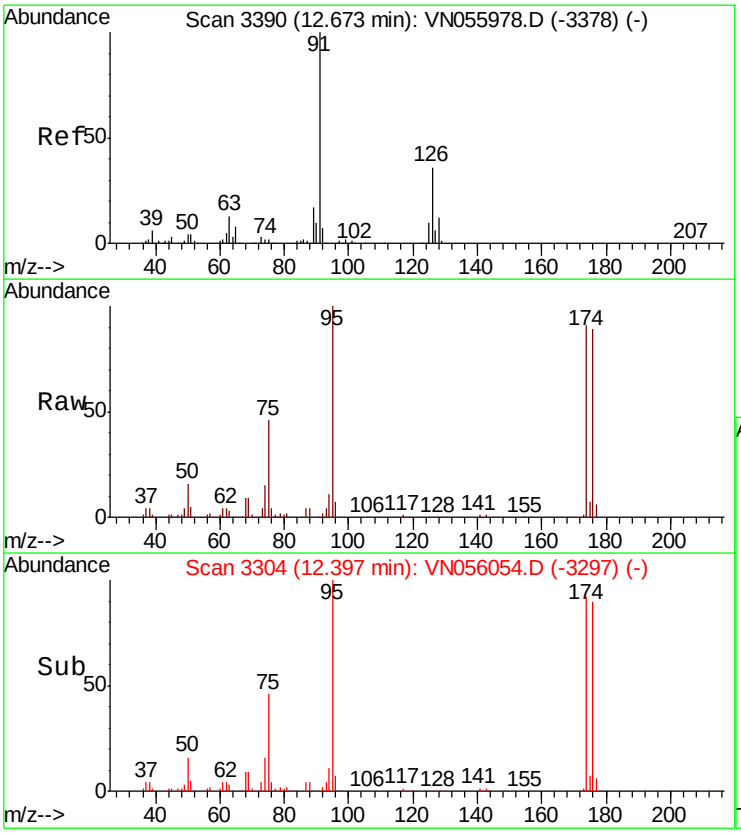
#76
1,2,3-Trichloropropane
Concen: 33.790 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 75 Resp: 85515

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

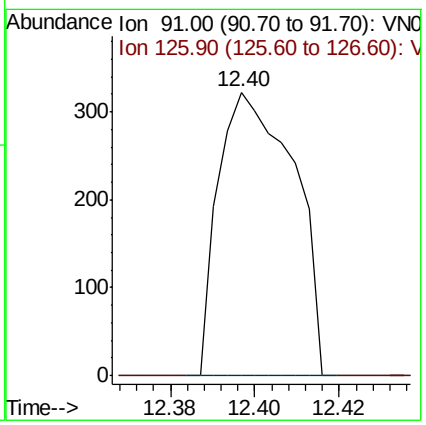


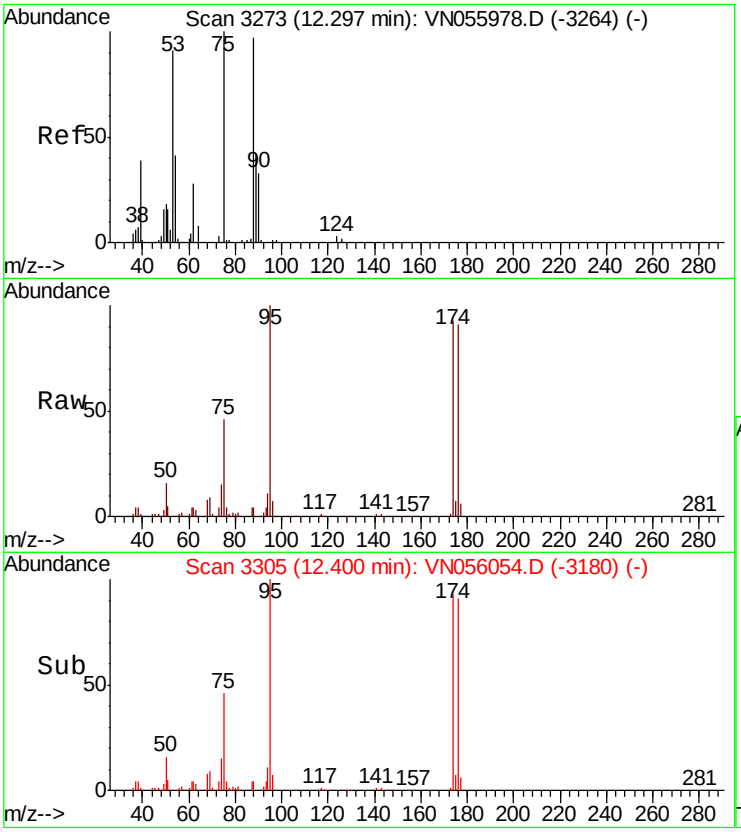


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.40 min Scan# 3304
Delta R.T. -0.28 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion: 91 Resp: 399

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



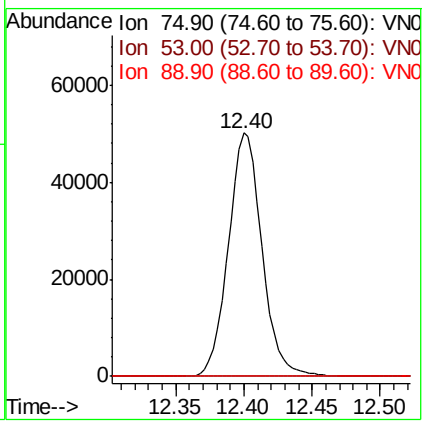


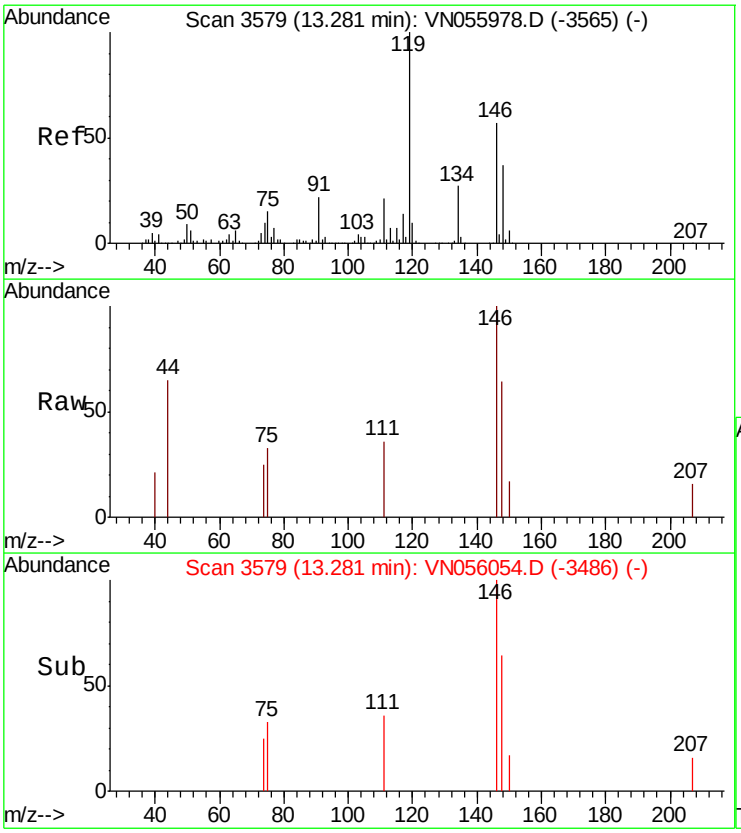
#81
trans-1,4-Dichloro-2-butene
Concen: 112.526 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion: 75 Resp: 85515

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.1	102.1#
89	0.0	36.9	55.3#

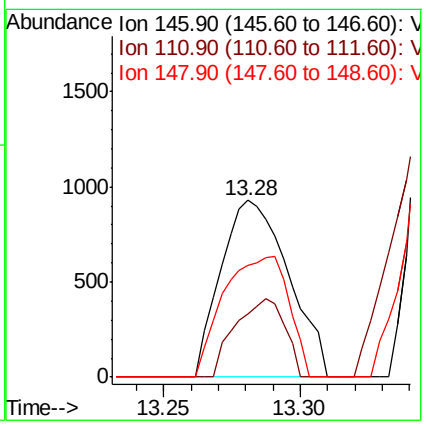


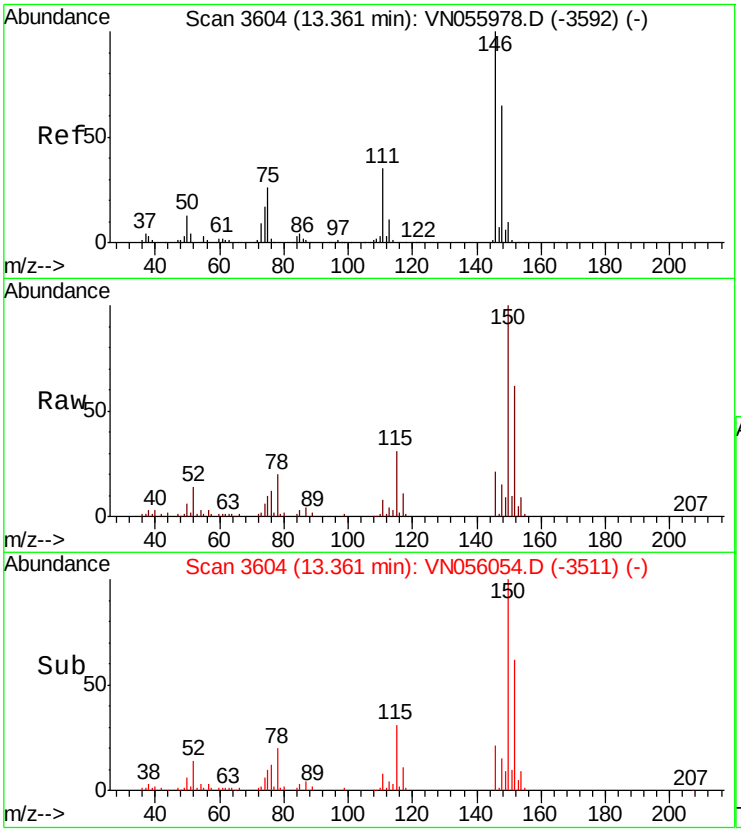


#87
1,3-Dichlorobenzene
Concen: 0.351 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:146 Resp: 1598

Ion	Ratio	Lower	Upper
146	100		
111	32.5	18.5	55.5
148	65.8	32.0	96.2



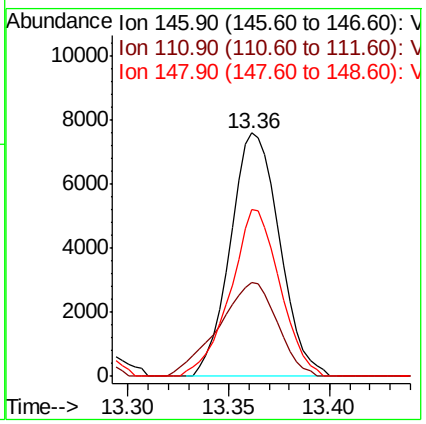


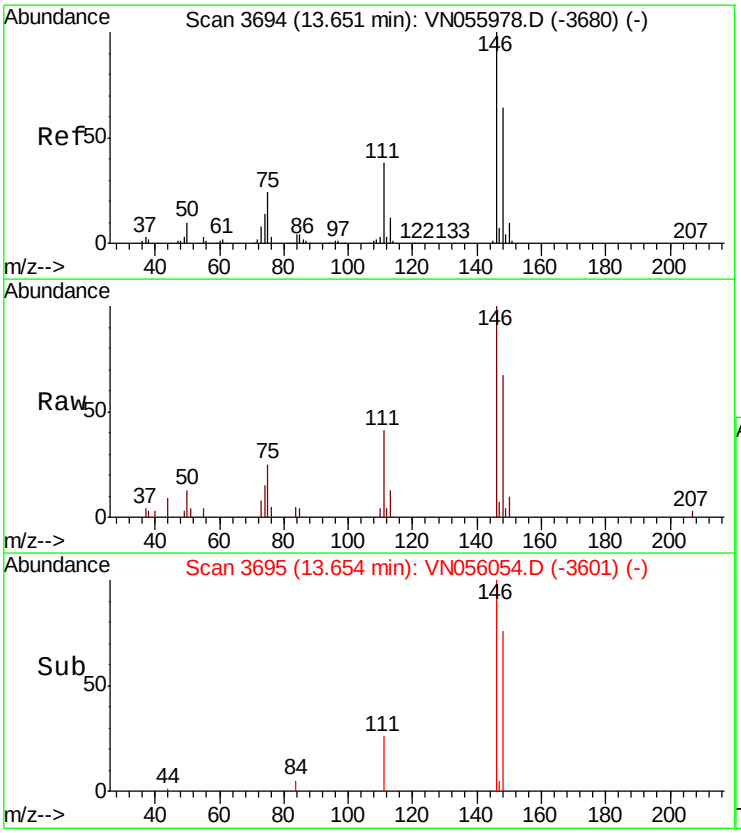
#88
1,4-Dichlorobenzene
Concen: 2.966 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:146 Resp: 13004

Ion	Ratio	Lower	Upper
146	100		
111	46.0	18.1	54.4
148	69.0	32.1	96.5

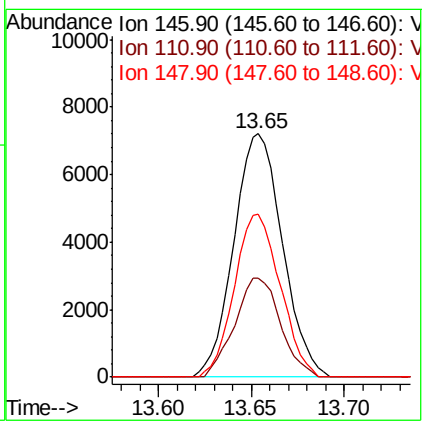


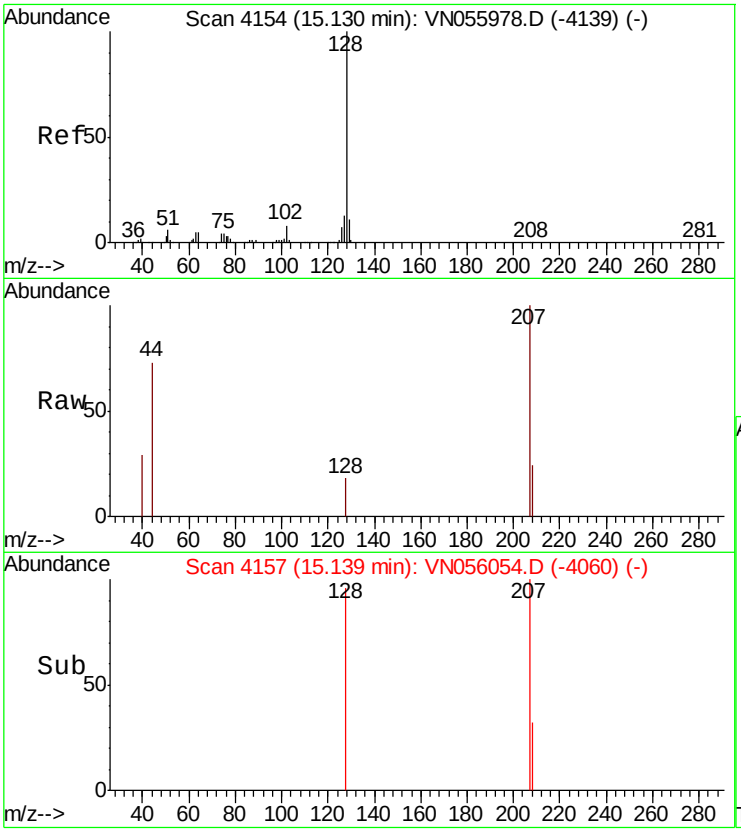


#91
1,2-Dichlorobenzene
Concen: 2.851 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Tgt Ion:146 Resp: 13117

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	62.8	31.9	95.9





#95
Naphthalene
Concen: 3.856 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN056054.D
Acq: 6 Jun 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
LF015RW050-190604

Tgt Ion:128 Resp: 30

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#