Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055616.D
Acq On : 17 May 2019 17:33
Operator : JC/SP
Sample : K2902-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 18 03:10:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	397765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	561028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	185487	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.08%			
35) Dibromofluoromethane	7.59	113	171810	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
50) Toluene-d8	10.09	98	643797	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
62) 4-Bromofluorobenzene	12.40	95	198730	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.78	59	235	0.289	ug/l #	92
13) Acrolein	3.61	56	171	1.772	ug/l #	53
16) Acetone	3.82	43	7241	4.069	ug/l	96
17) Carbon Disulfide	4.06	76	3332	0.330	ug/l #	95
20) Methylene Chloride	4.56	84	2835	0.698	ug/l	95
29) Tetrahydrofuran	7.22	42	2358	1.431	ug/l #	79
31) Cyclohexane	7.67	56	6661	1.030	ug/l #	1
38) Carbon Tetrachloride	7.67	117	32818	6.140	ug/l #	15
41) Methacrylonitrile	7.22	41	2358	1.222	ug/l #	100
51) 4-Methyl-2-Pentanone	9.99	43	1988	0.432	ug/l	94
59) 2-Hexanone	10.76	43	1345	0.415	ug/l	77
68) m/p-Xylenes	11.62	106	1326	0.213	ug/l	99
71) Bromoform	12.41	173	1297	0.411	ug/l #	1
73) Isopropylbenzene	12.25	105	1283	Below Cal	#	73
75) 1,1,2,2-Tetrachloroethane	12.51	83	329	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.40	75	91013	25.280	ug/l #	100
79) 2-Chlorotoluene	12.68	91	1234	Below Cal		81
80) 1,3,5-Trimethylbenzene	12.73	105	1533	Below Cal		84
81) trans-1,4-Dichloro-2-buten	12.40	75	91013	64.983	ug/l #	17
83) tert-Butylbenzene	12.99	119	1073	Below Cal	#	78
84) 1,2,4-Trimethylbenzene	13.04	105	1799	Below Cal		88
85) sec-Butylbenzene	13.17	105	2156	Below Cal		88
86) p-Isopropyltoluene	13.29	119	2142	Below Cal		91
87) 1,3-Dichlorobenzene	13.29	146	1341	0.224	ug/l	99
88) 1,4-Dichlorobenzene	13.29	146	1341	0.234	ug/l	99
89) n-Butylbenzene	13.62	91	2962	0.306	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	1315	0.220	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	1858	0.611	ug/l	97
94) Hexachlorobutadiene	15.01	225	1106	Below Cal		85
95) Naphthalene	15.13	128	8866	2.696	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	2139	0.673	ug/l	91

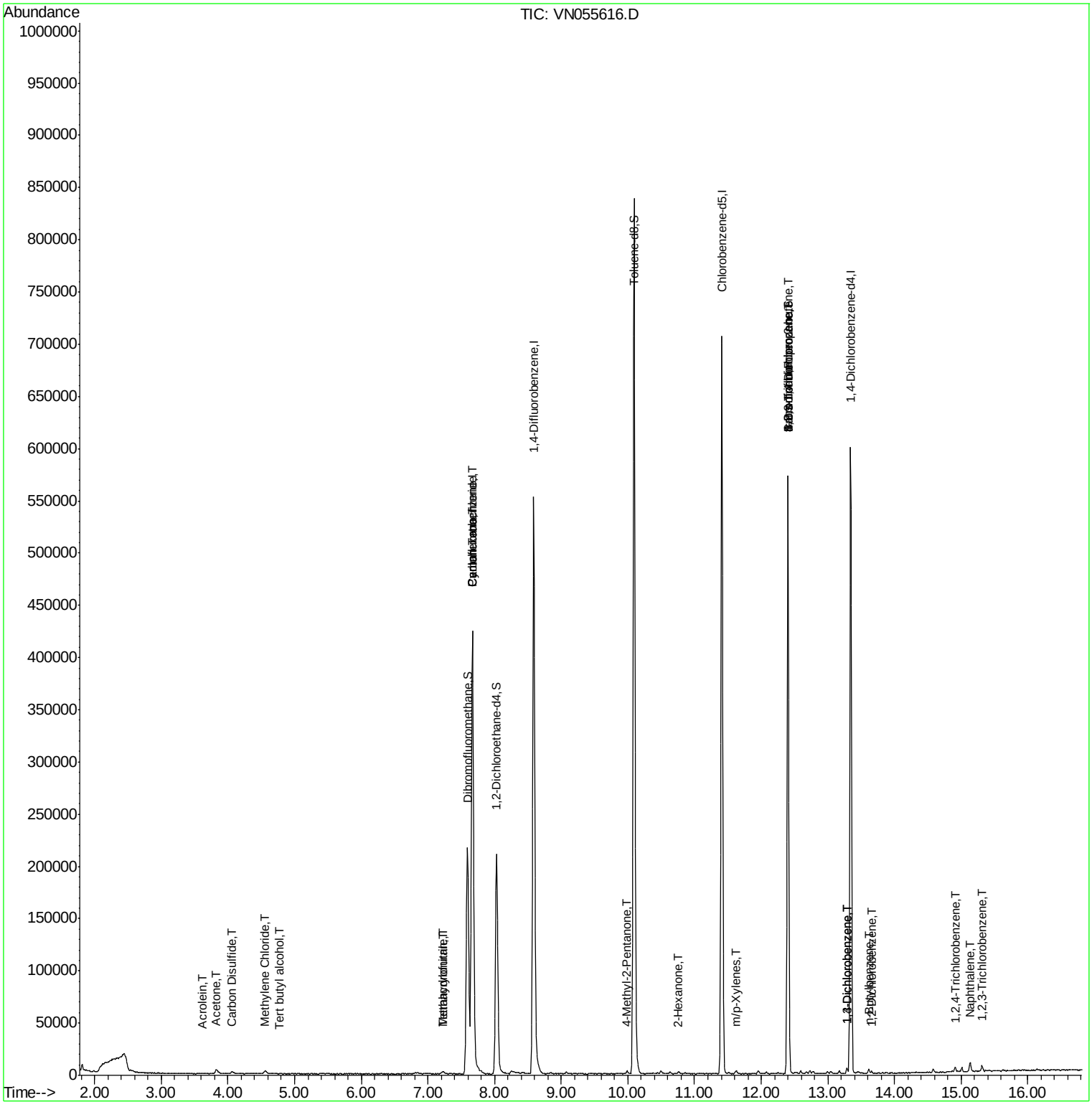
(#) = qualifier out of range (m) = manual integration (+) = signals summed

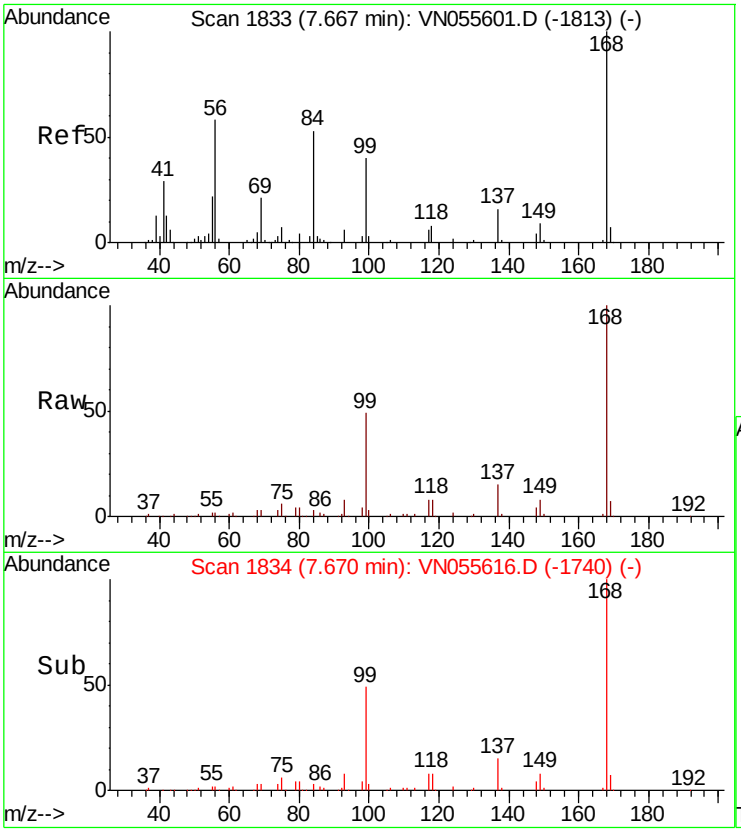
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055616.D
Acq On : 17 May 2019 17:33
Operator : JC/SP
Sample : K2902-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 18 03:10:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration



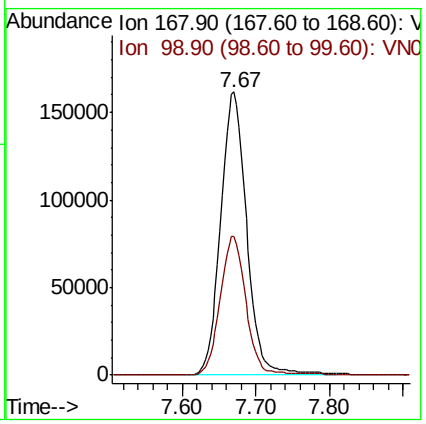


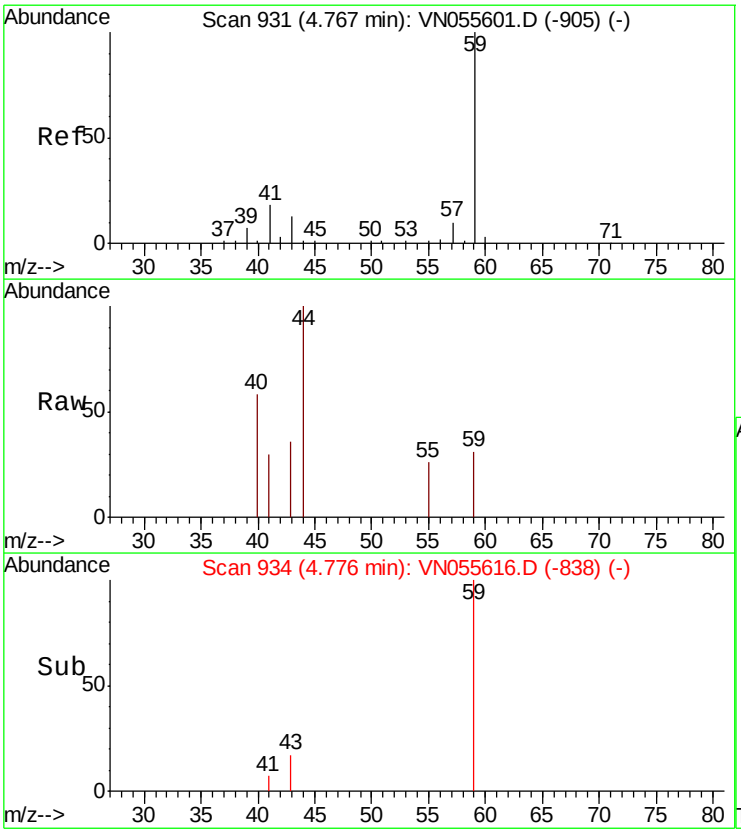
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 397765

Ion	Ratio	Lower	Upper
168	100		
99	48.8	40.2	60.2

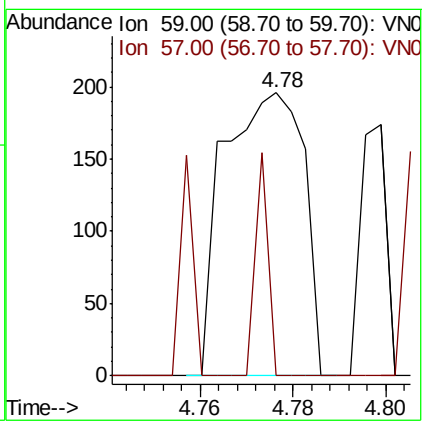


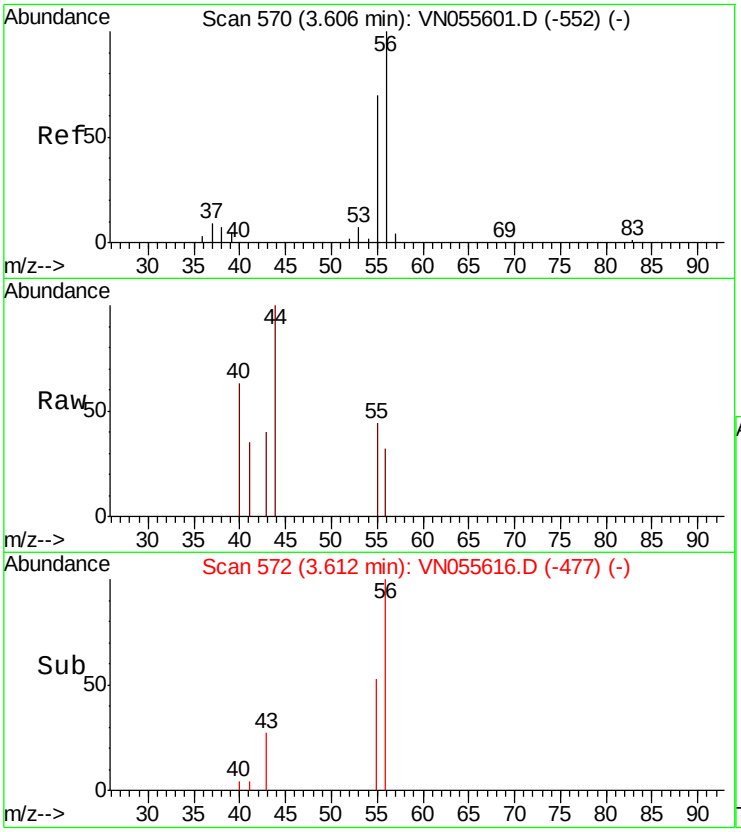


#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 59 Resp: 235

Ion	Ratio	Lower	Upper
59	100		
57	12.8	7.8	11.6#



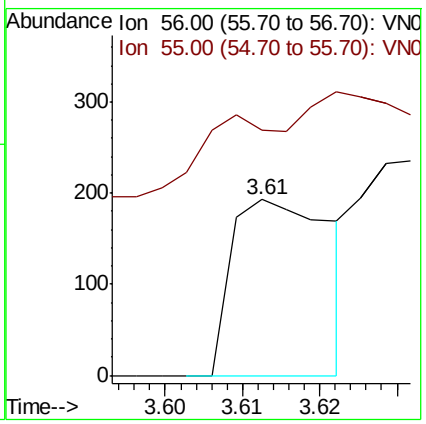


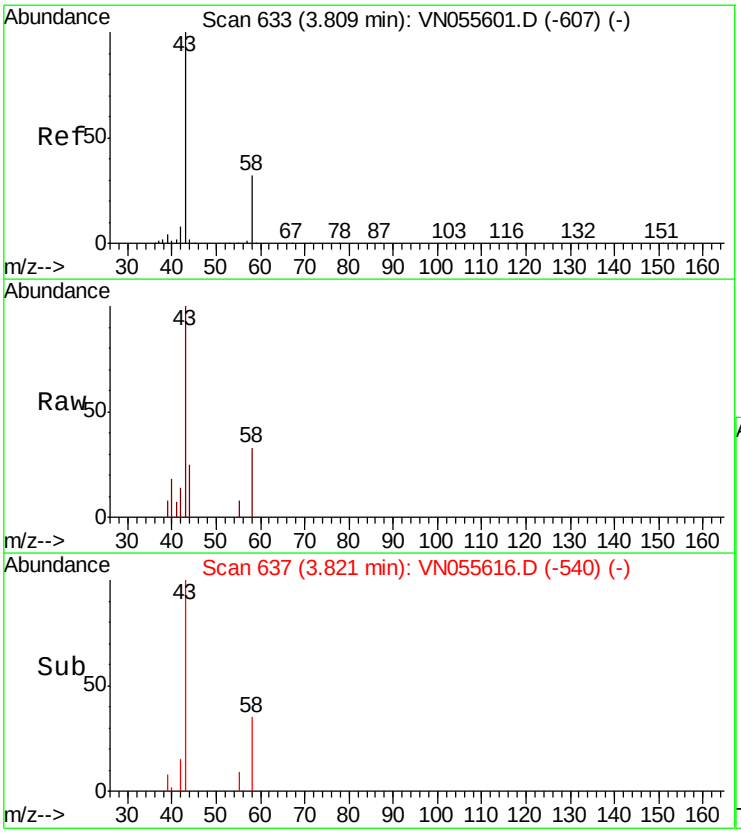
#13
Acrolein
Concen: 1.772 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
55	32.2	56.5	84.7#

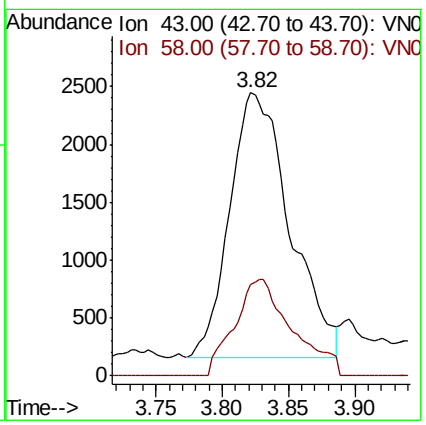


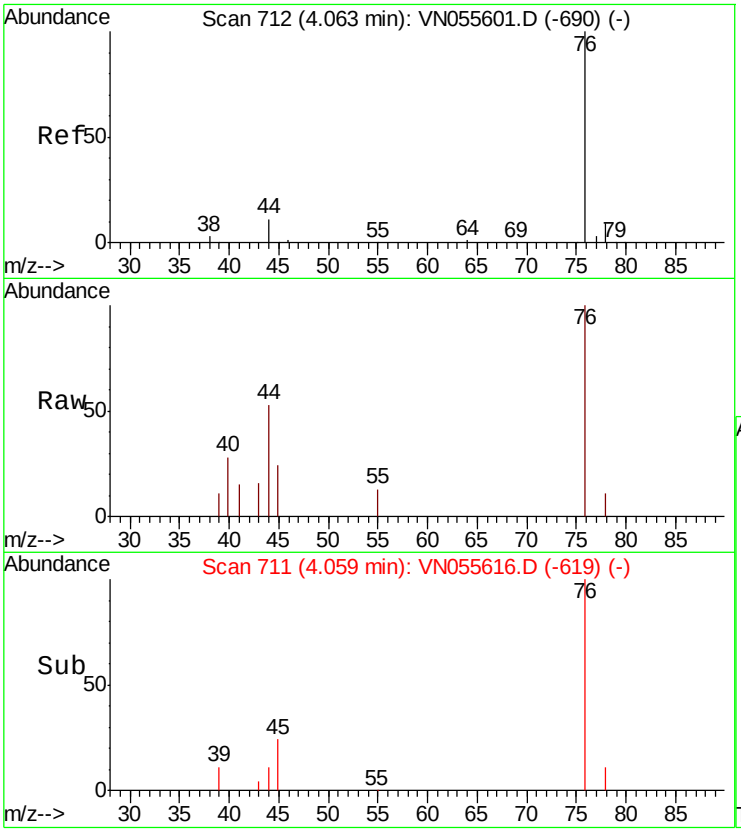


#16
Acetone
Concen: 4.069 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 43 Resp: 7241

Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.0	39.0



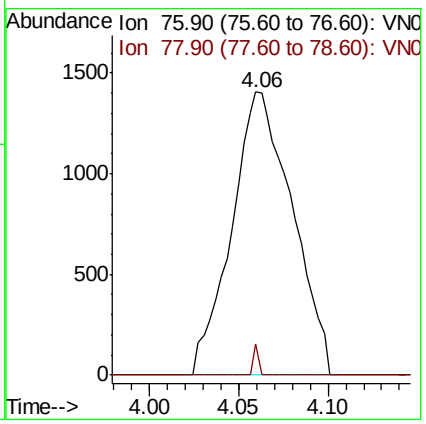


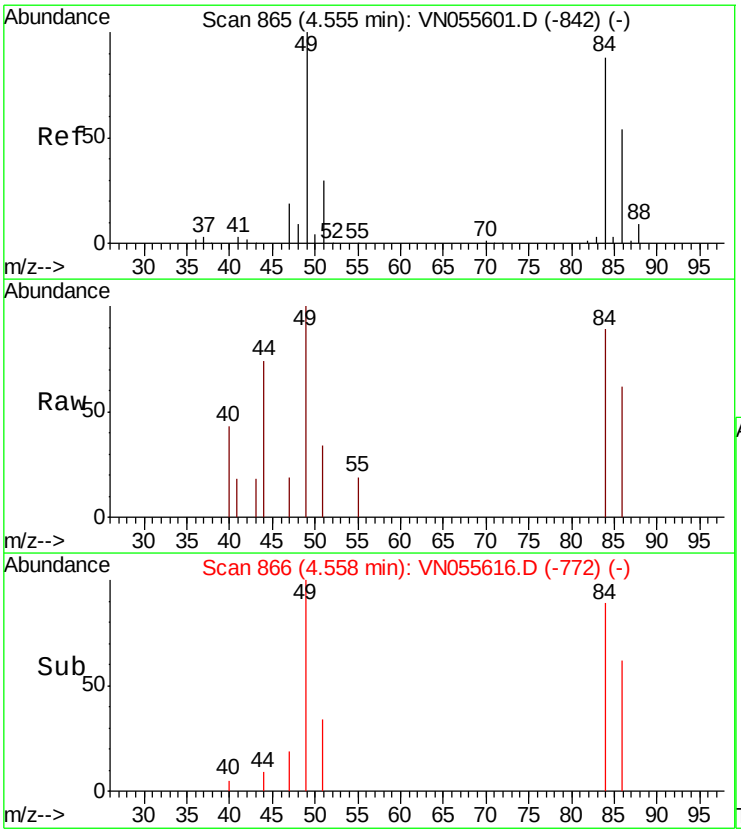
#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 3332

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.3	10.9#

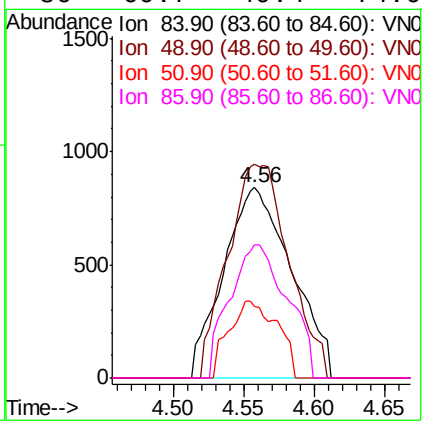


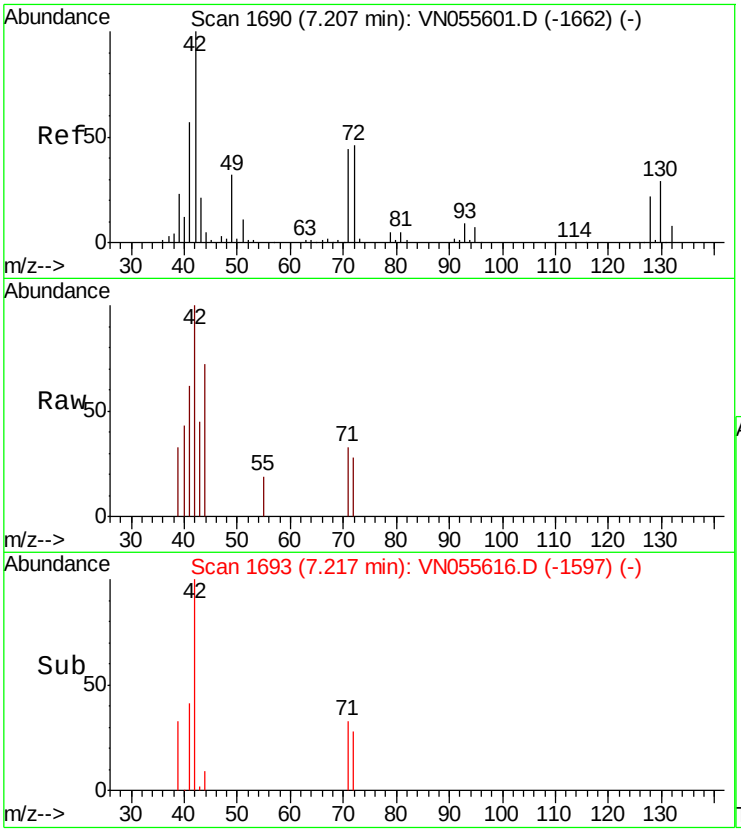


#20
Methylene Chloride
Concen: 0.698 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 84 Resp: 2835

Ion	Ratio	Lower	Upper
84	100		
49	112.1	91.0	136.4
51	37.8	27.5	41.3
86	69.7	49.4	74.0



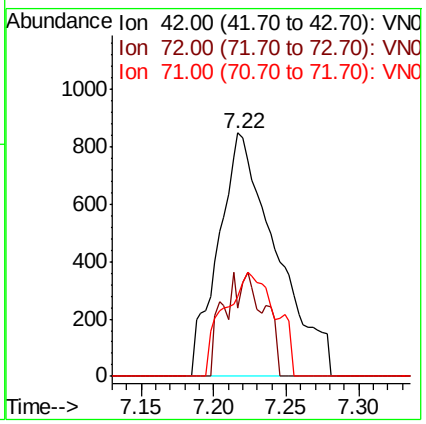


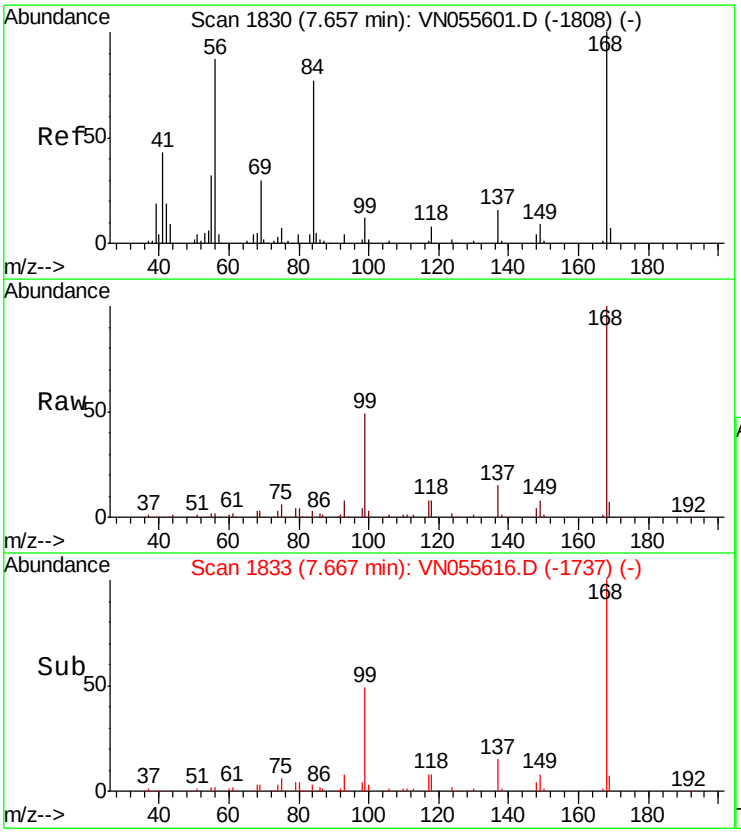
#29
Tetrahydrofuran
Concen: 1.431 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2358

Ion	Ratio	Lower	Upper
42	100		
72	24.3	36.5	54.7#
71	38.0	34.9	52.3

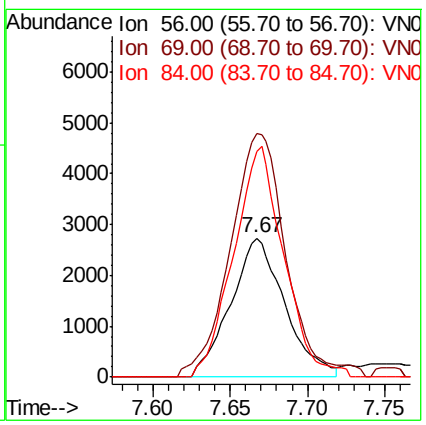


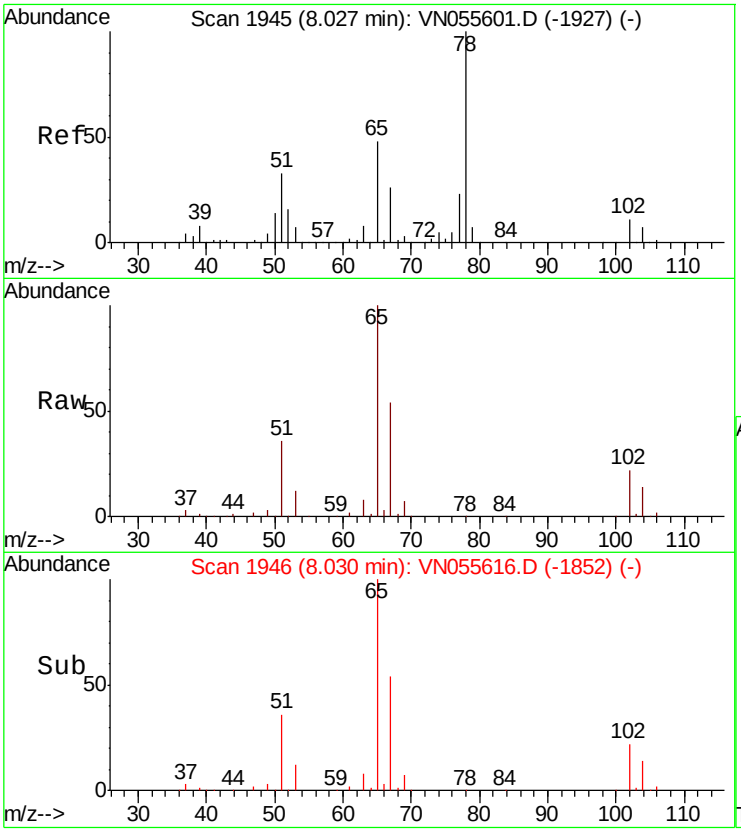


#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 56 Resp: 6661

Ion	Ratio	Lower	Upper
56	100		
69	167.8	27.2	40.8#
84	162.5	71.3	106.9#



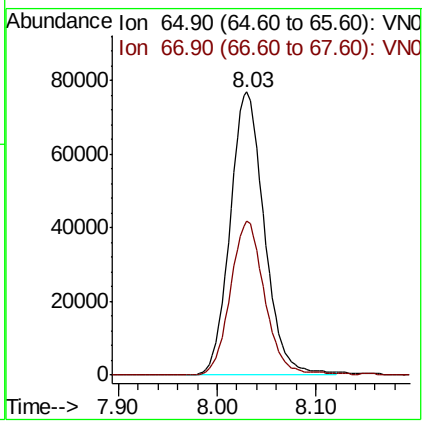


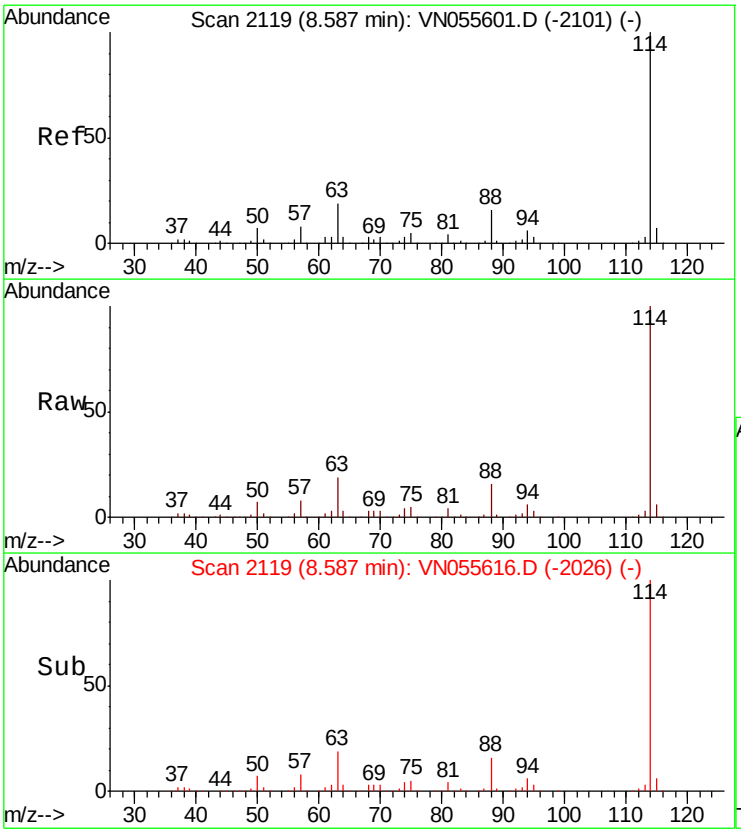
#33
1,2-Dichloroethane-d4
Concen: 42.540 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 185487

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.6

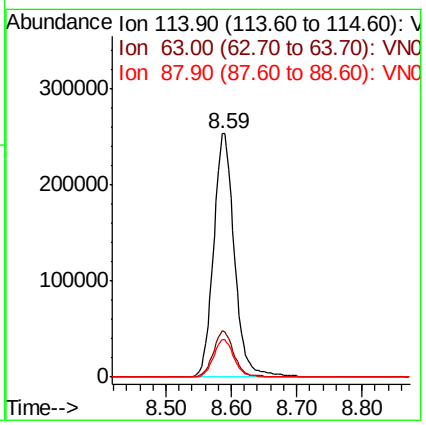


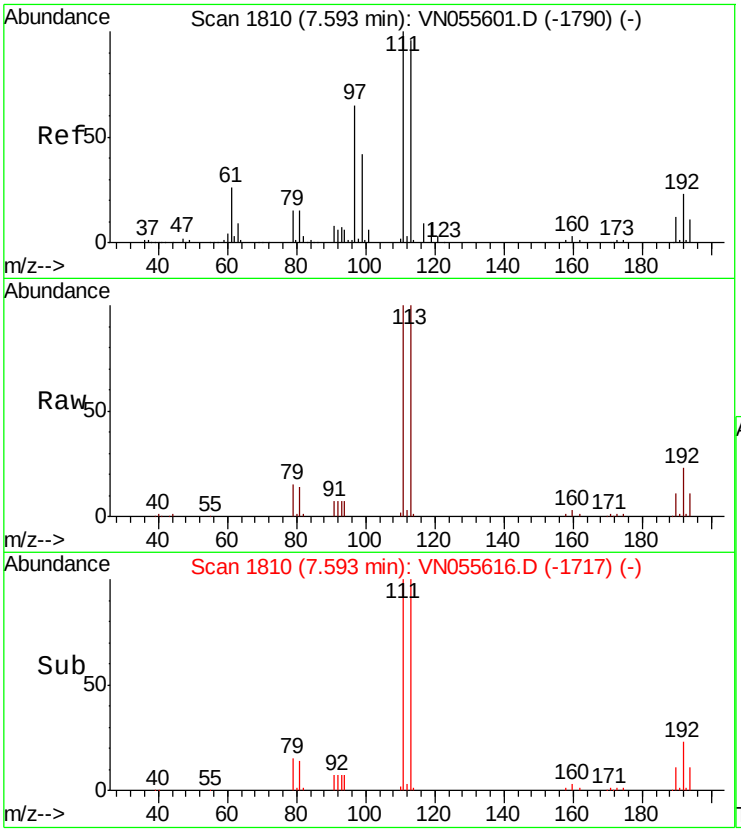


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:114 Resp: 561028

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.2
88	15.6	0.0	31.0



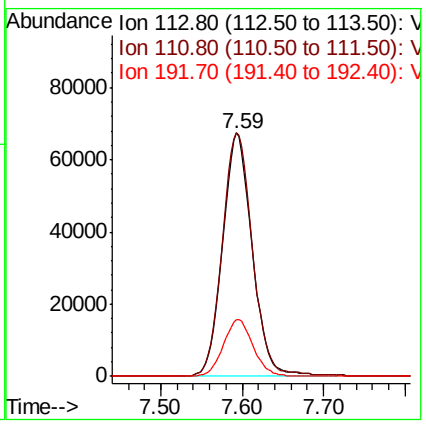


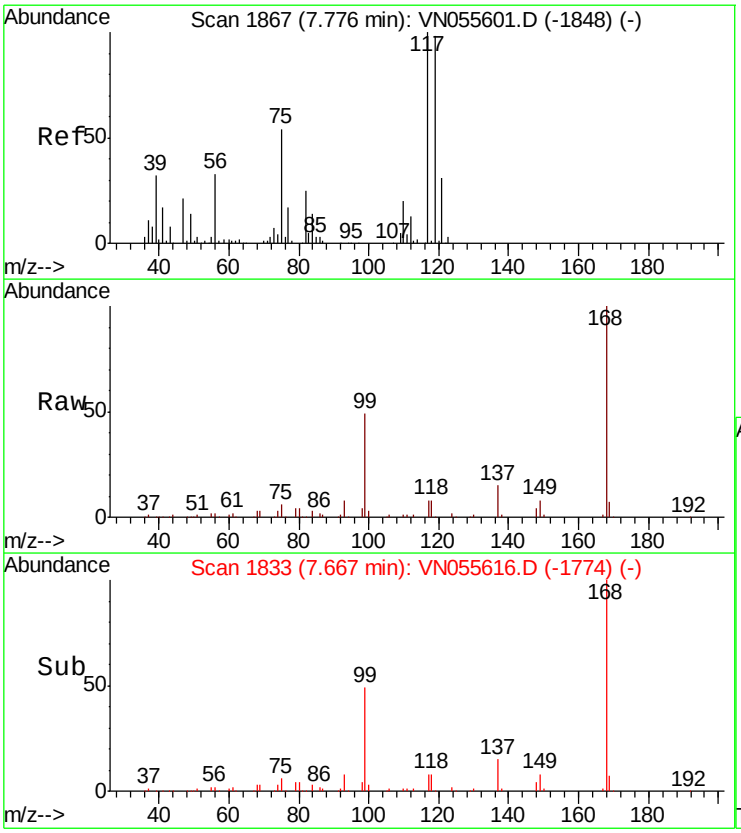
#35
Dibromofluoromethane
Concen: 48.208 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 171810

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.5	123.7
192	23.5	18.7	28.1

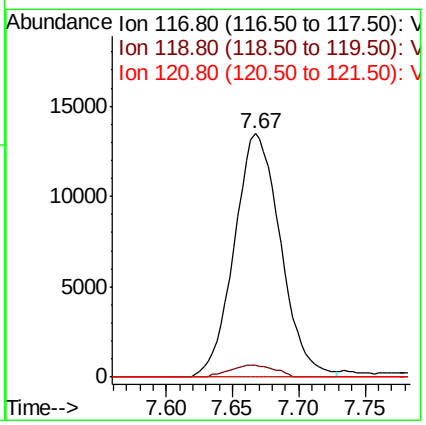


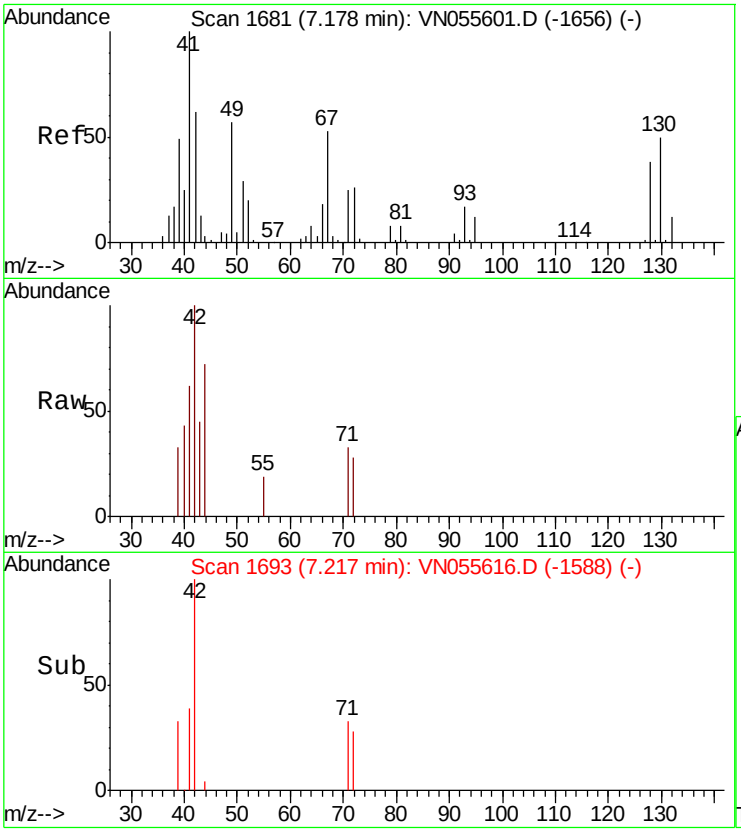


#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:117 Resp: 32818

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.8	116.8#
121	0.0	24.6	37.0#



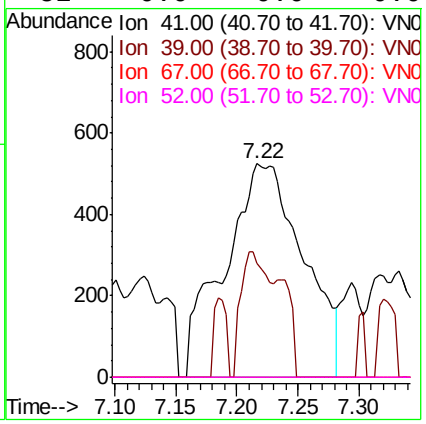


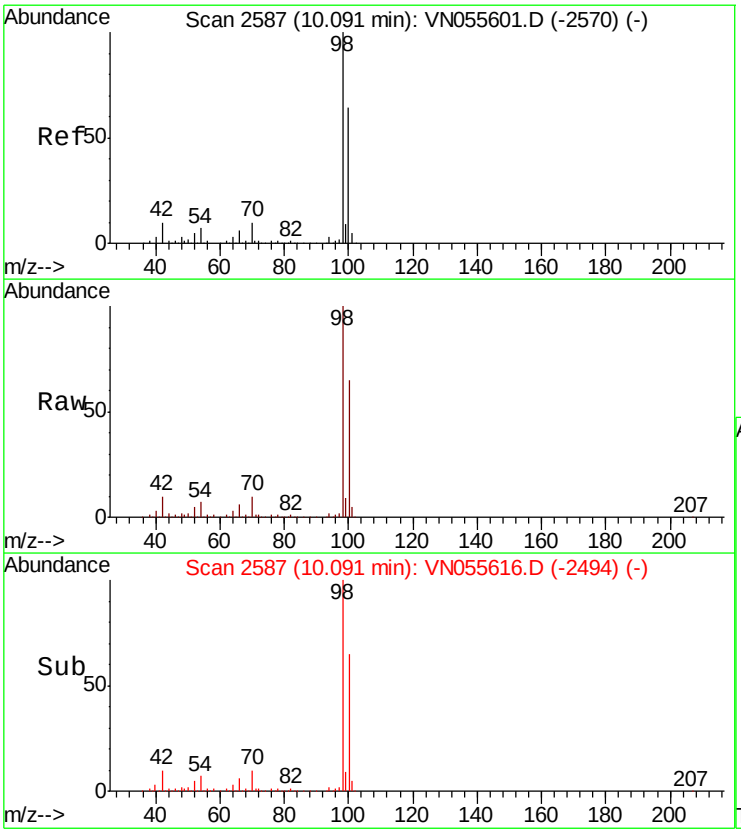
#41
Methacrylonitrile
Concen: 1.222 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 2358

Ion	Ratio	Lower	Upper
41	100		
39	20.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

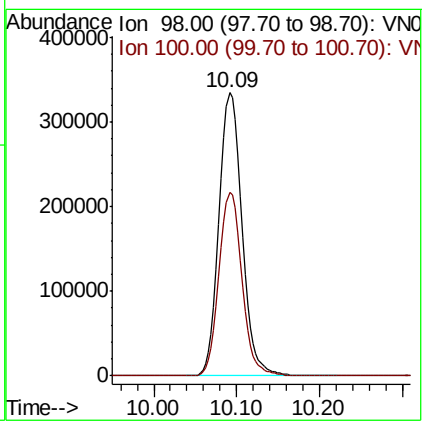


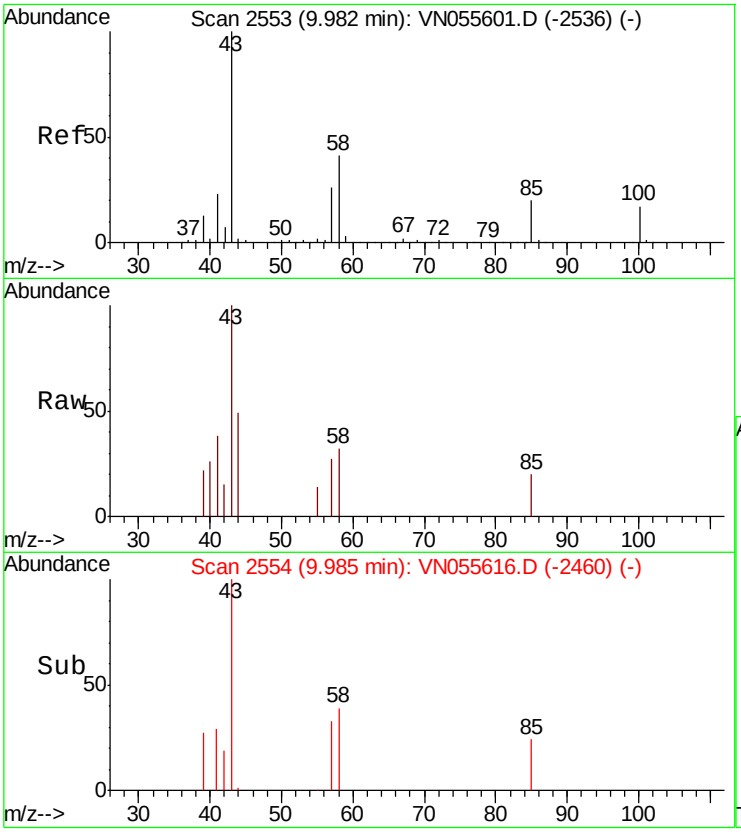


#50
Toluene-d8
Concen: 47.775 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 98 Resp: 643797

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



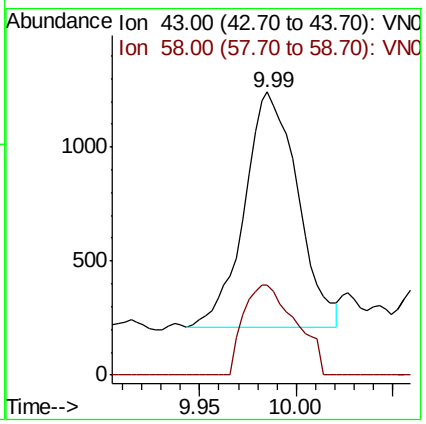


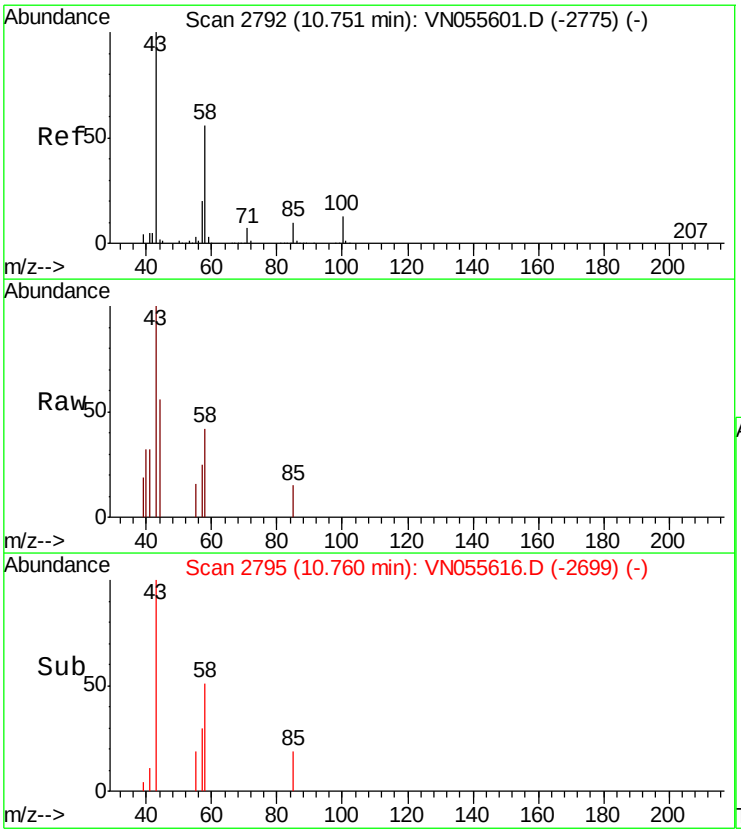
#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1988

Ion	Ratio	Lower	Upper
43	100		
58	37.4	32.7	49.1

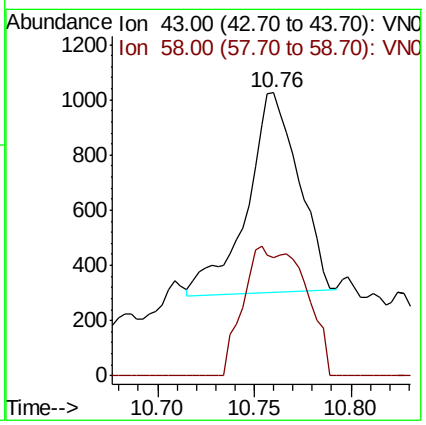


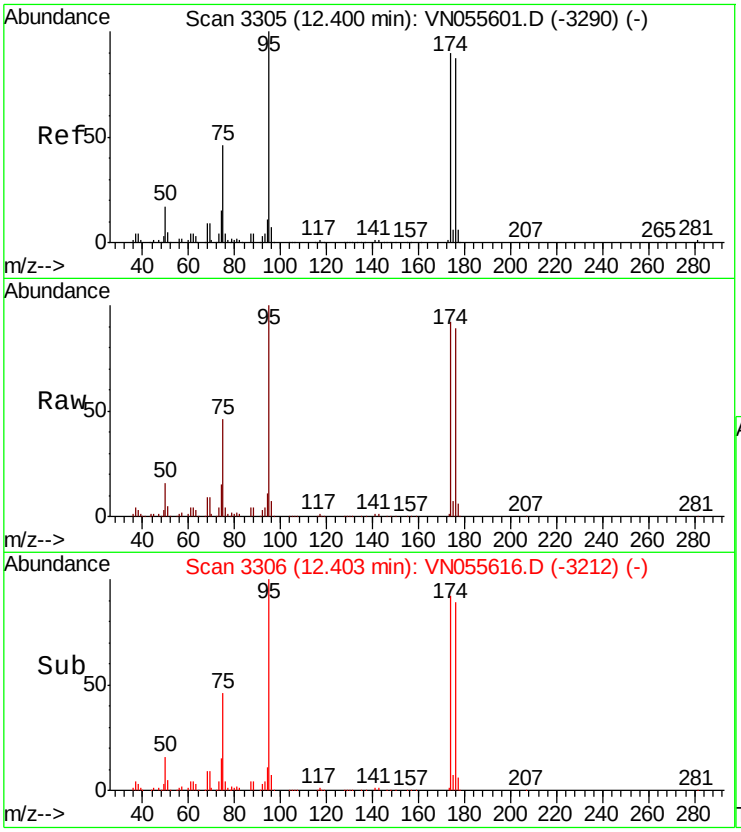


#59
2-Hexanone
Concen: 0.415 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 43 Resp: 1345

Ion	Ratio	Lower	Upper
43	100		
58	39.2	28.1	84.4



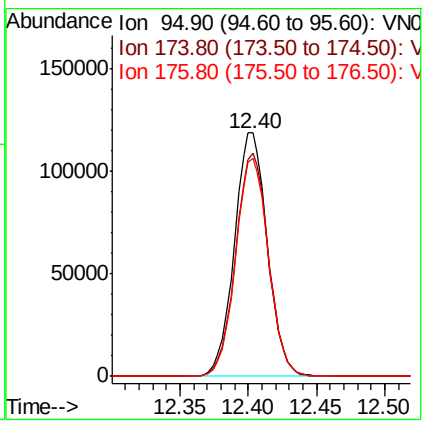


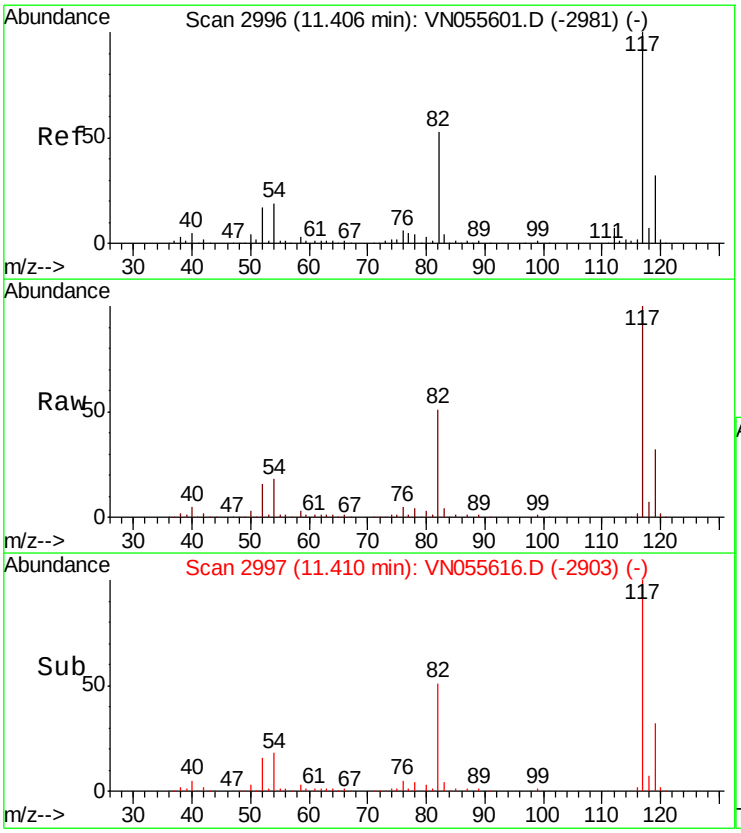
#62
4-Bromofluorobenzene
Concen: 42.707 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 198730

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	180.6
176	89.2	0.0	177.4

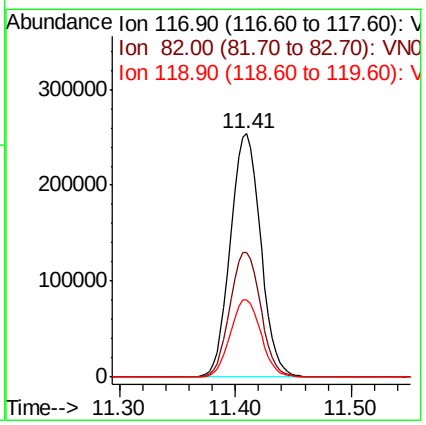


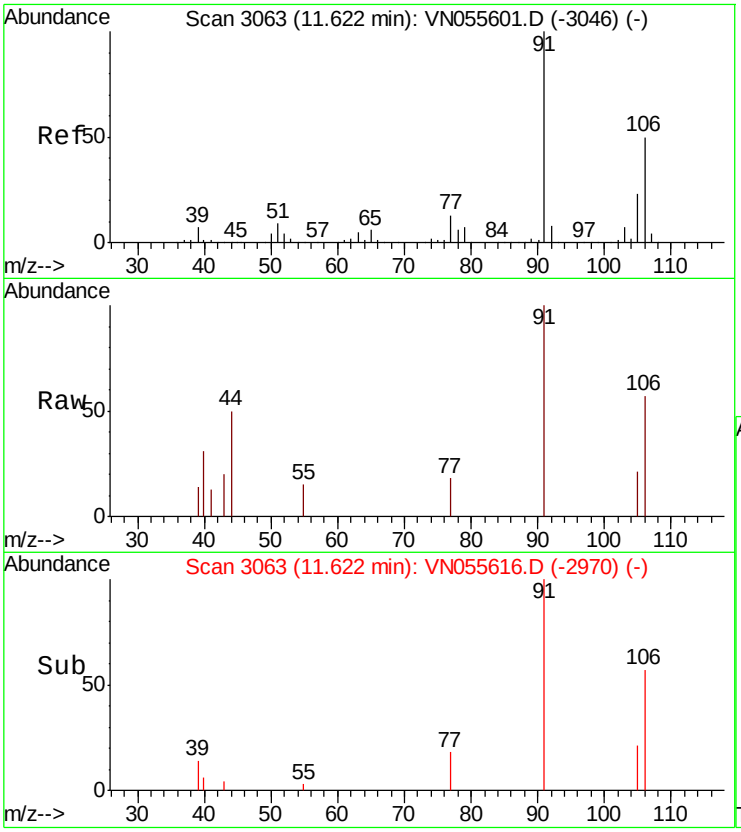


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:117 Resp: 458131

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.3	63.5
119	31.7	25.4	38.2



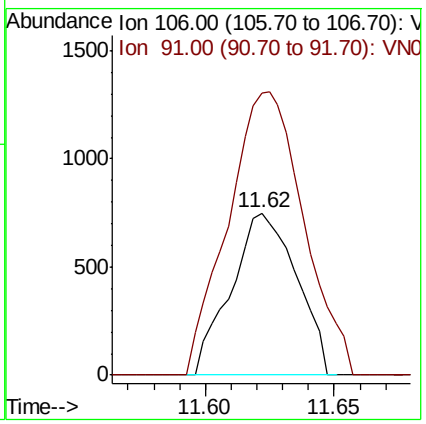


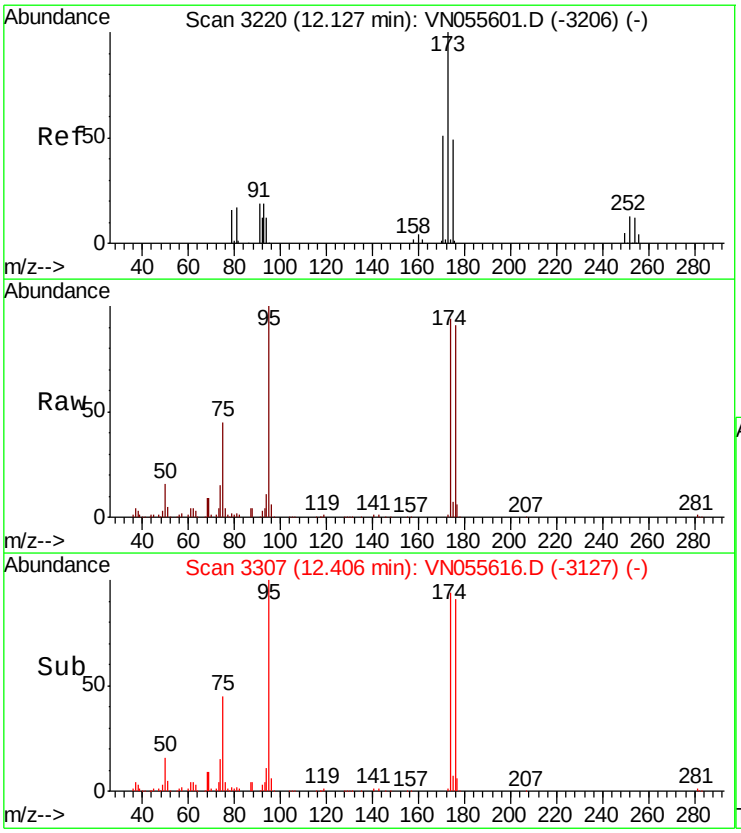
#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 1326

Ion	Ratio	Lower	Upper
106	100		
91	202.0	160.5	240.7

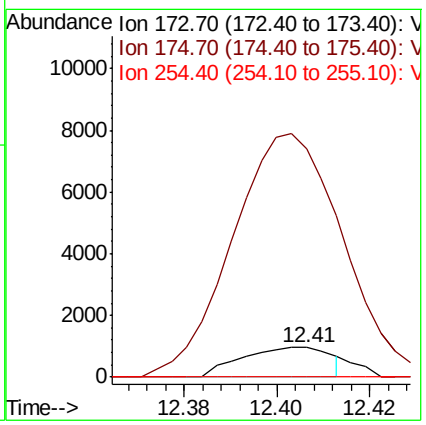


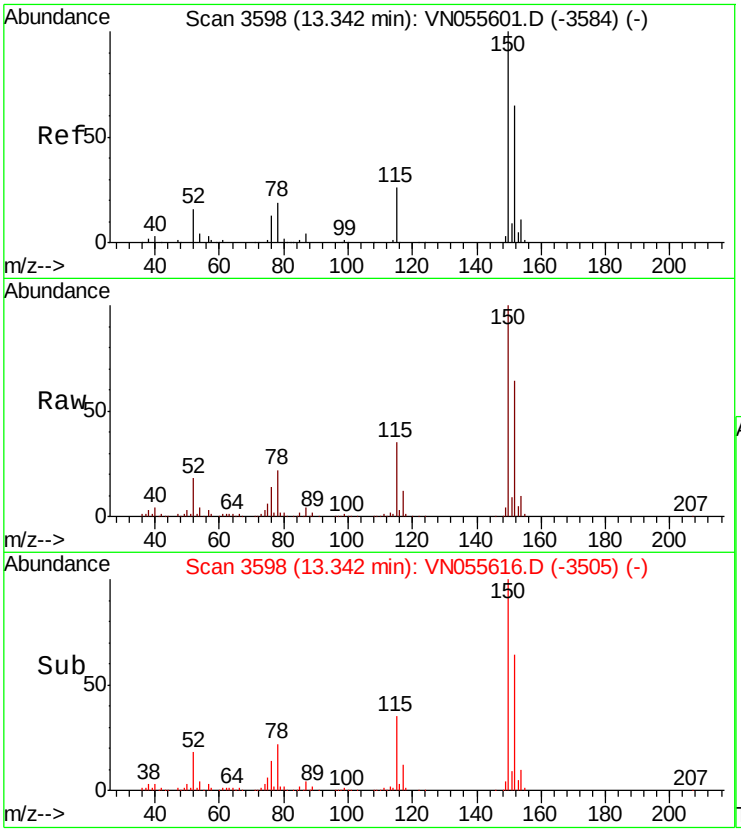


#71
Bromoform
Concen: 0.411 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:173 Resp: 1297

Ion	Ratio	Lower	Upper
173	100		
175	870.8	24.3	72.9#
254	0.0	0.1	0.1#



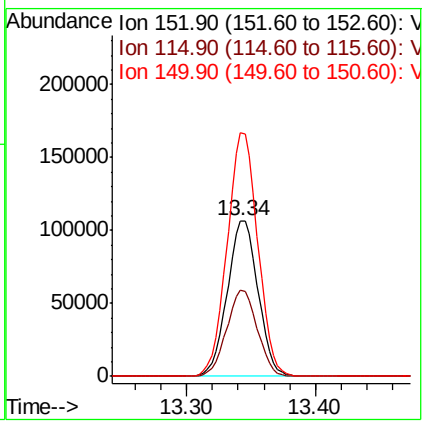


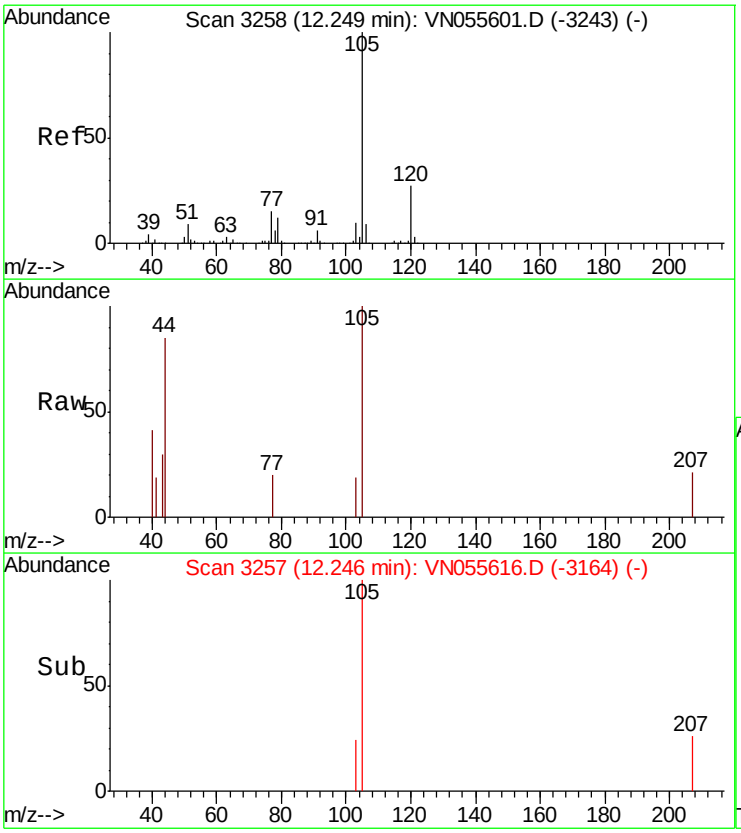
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 176438

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.1	84.2
150	155.7	0.0	348.0

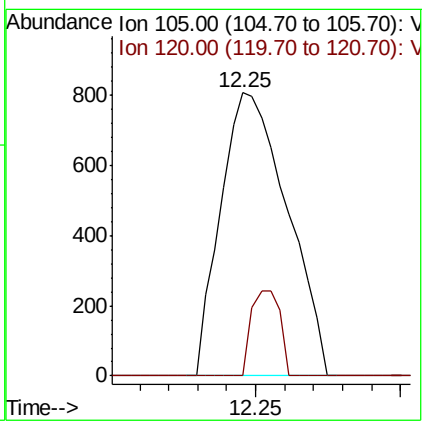


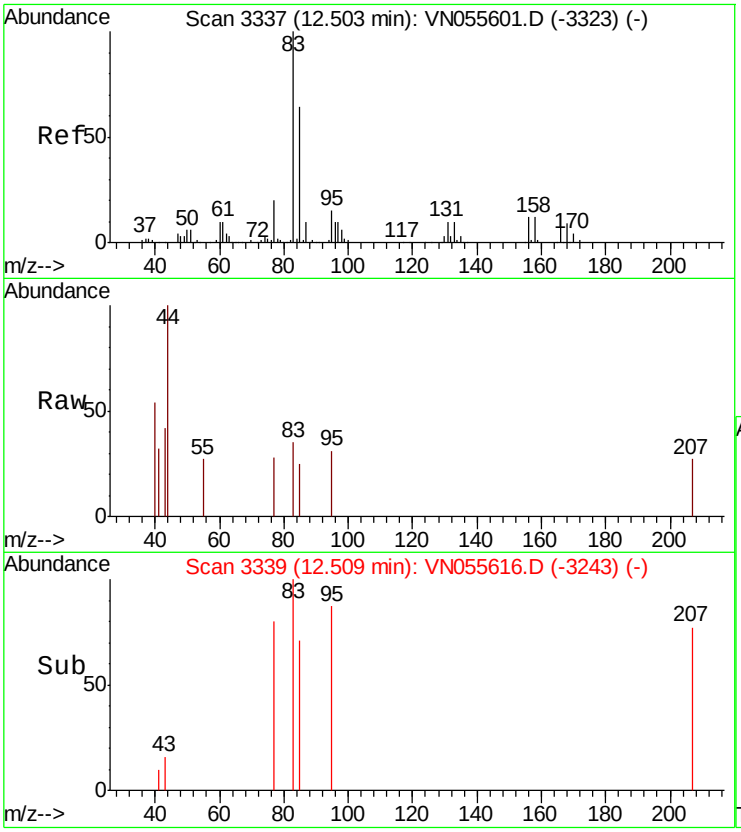


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:105 Resp: 1283

Ion	Ratio	Lower	Upper
105	100		
120	13.0	13.4	40.2#



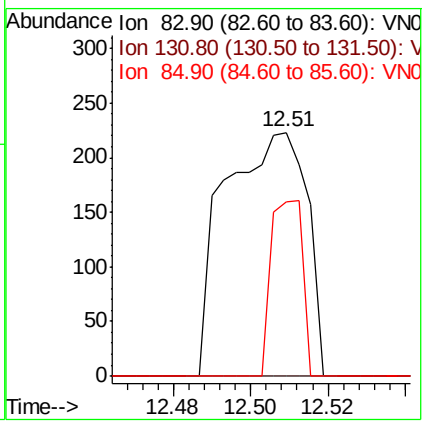


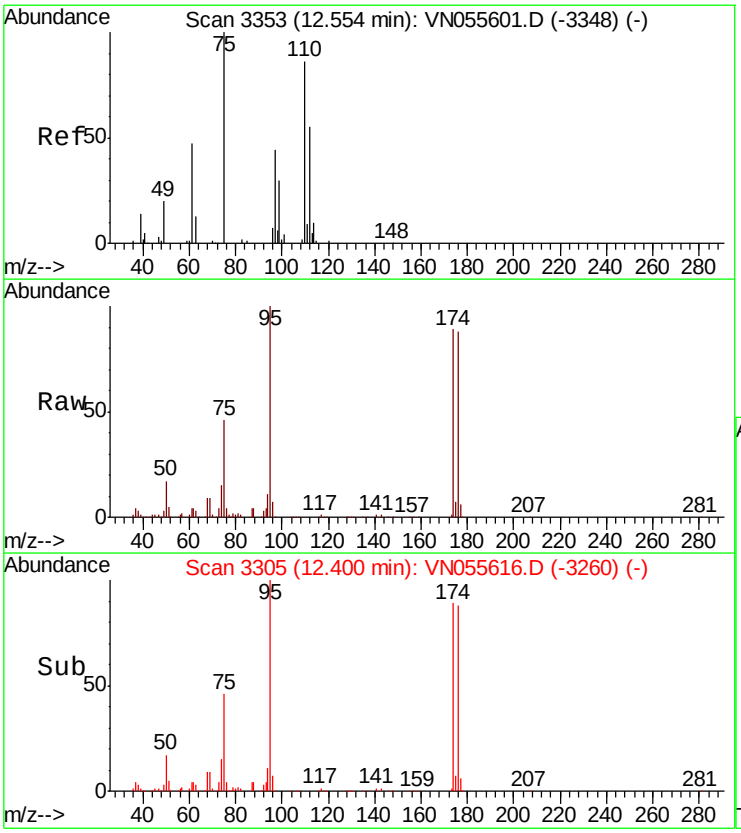
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3339
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 329

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	16.1#
85	27.7	32.0	96.2#

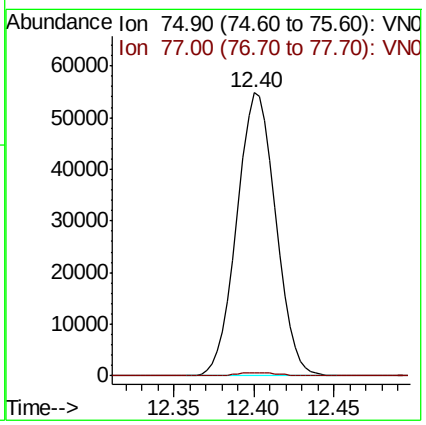


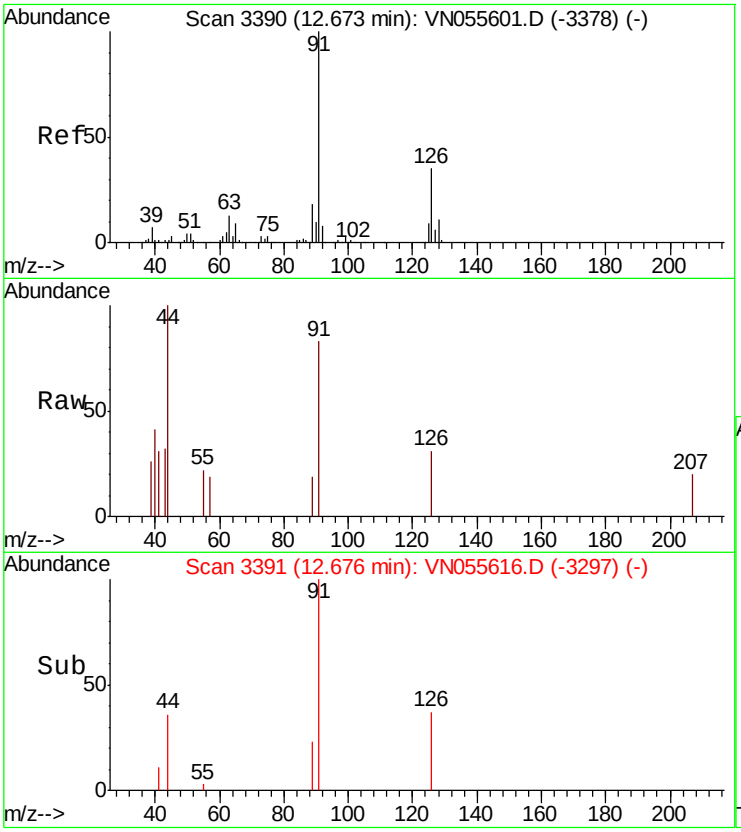


#76
1,2,3-Trichloropropane
Concen: 25.280 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 75 Resp: 91013

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



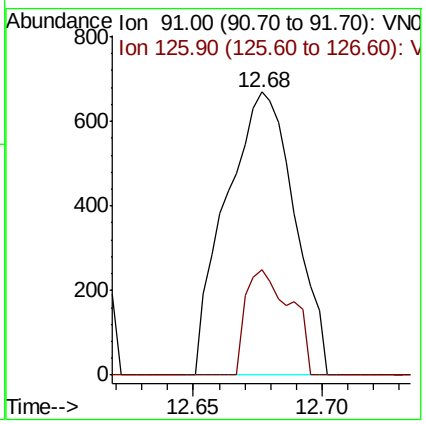


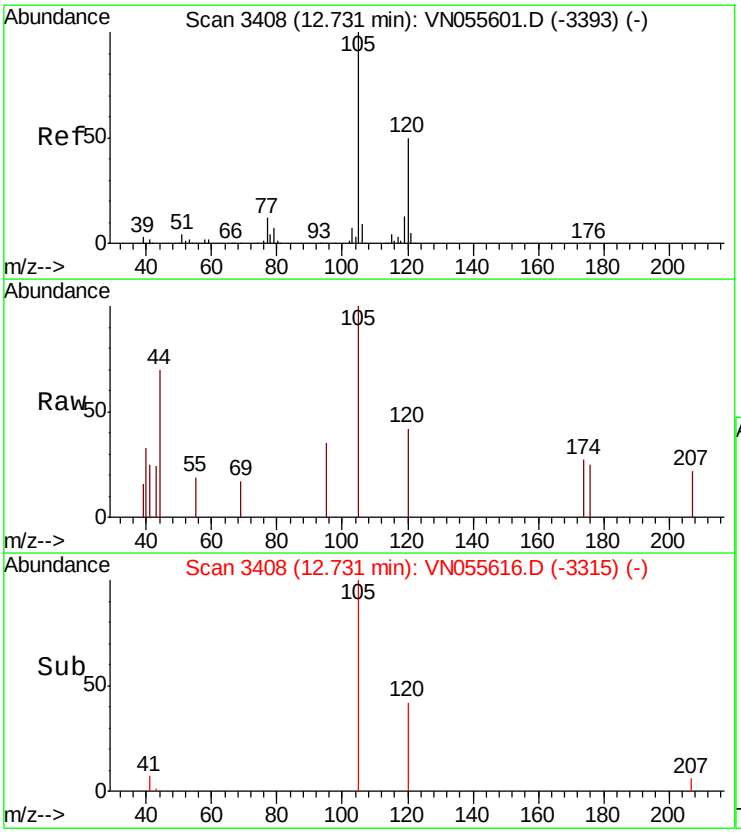
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1234

Ion	Ratio	Lower	Upper
91	100		
126	24.6	17.8	53.4

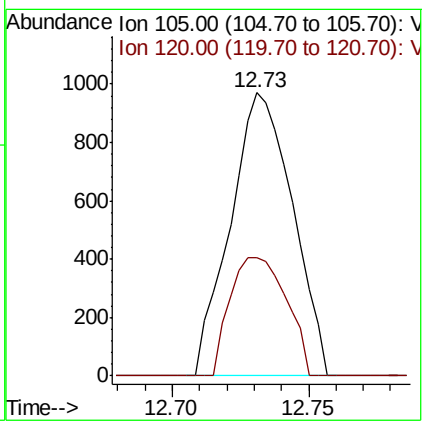


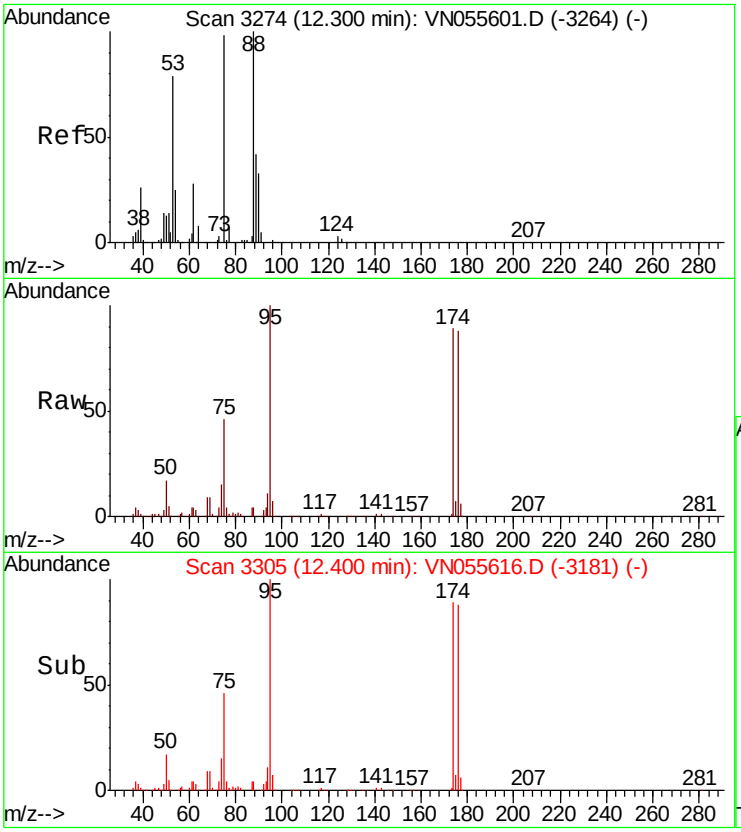


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:105 Resp: 1533

Ion	Ratio	Lower	Upper
105	100		
120	38.2	24.6	74.0



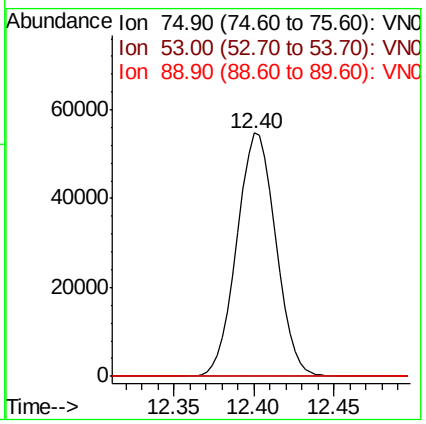


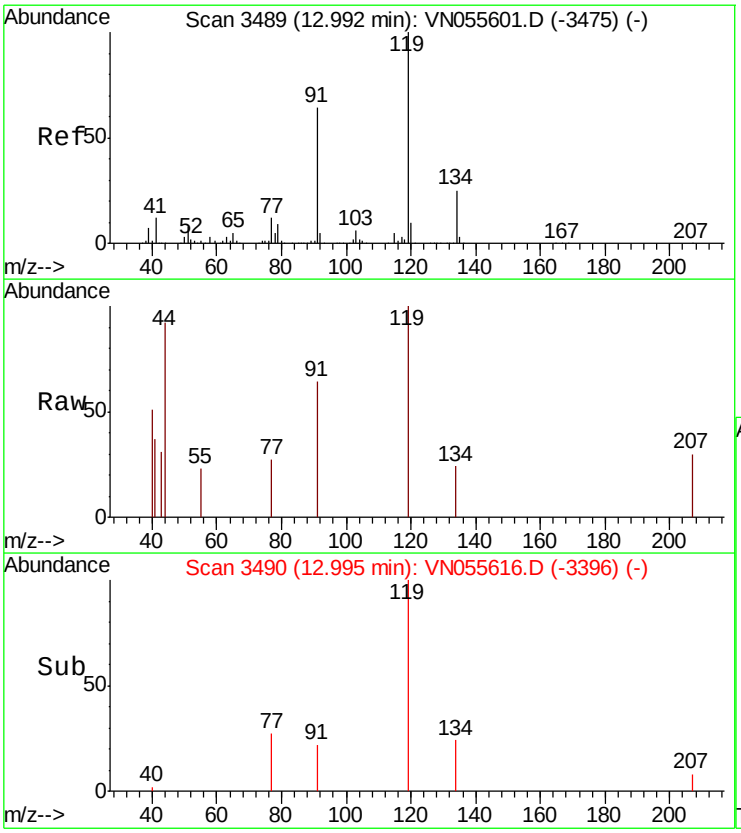
#81
trans-1,4-Dichloro-2-butene
Concen: 64.983 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 91013

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.1	97.7#
89	0.0	36.4	54.6#

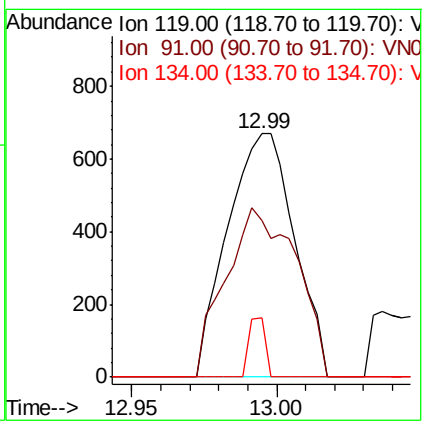


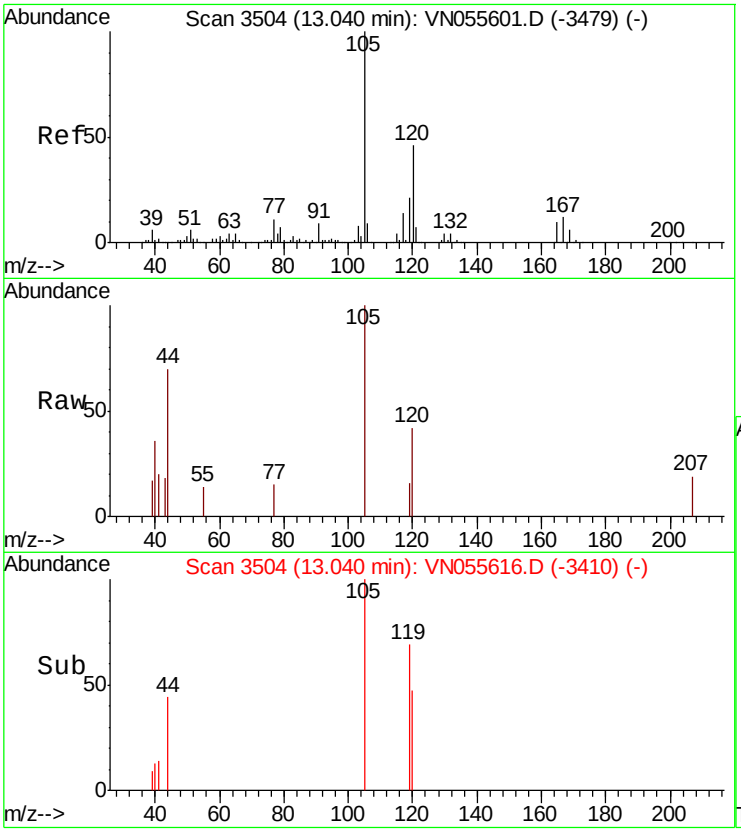


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:119 Resp: 1073

Ion	Ratio	Lower	Upper
119	100		
91	73.6	31.3	93.8
134	5.8	13.2	39.6#



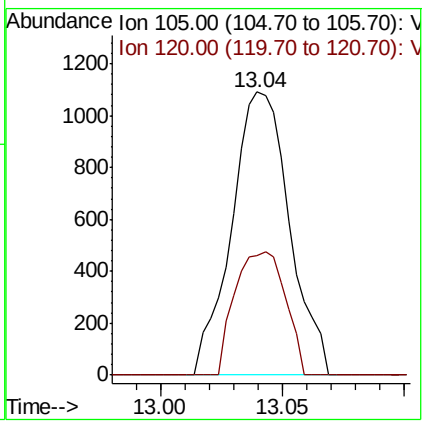


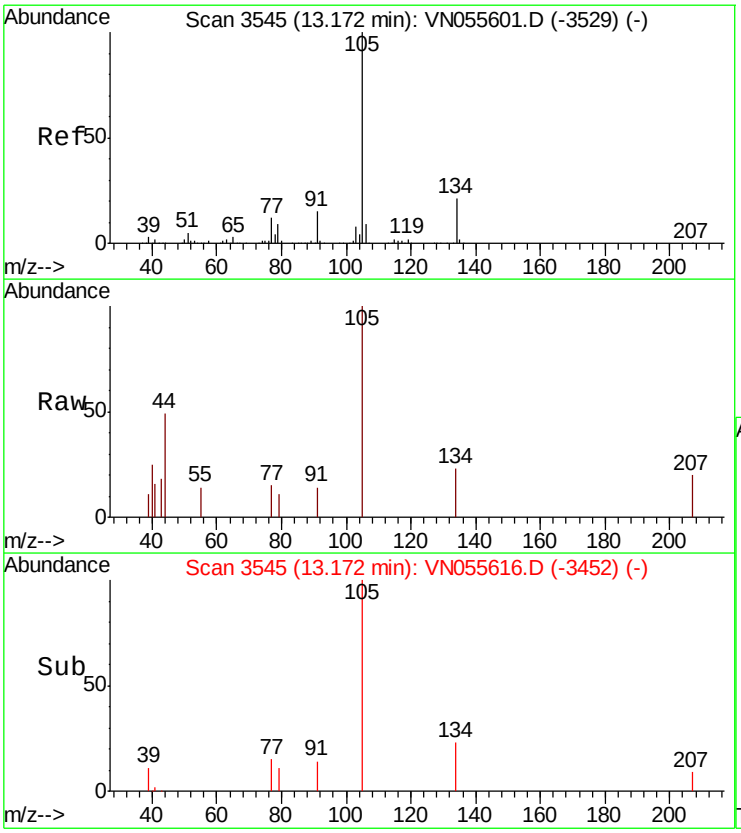
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1799

Ion	Ratio	Lower	Upper
105	100		
120	37.9	23.1	69.2

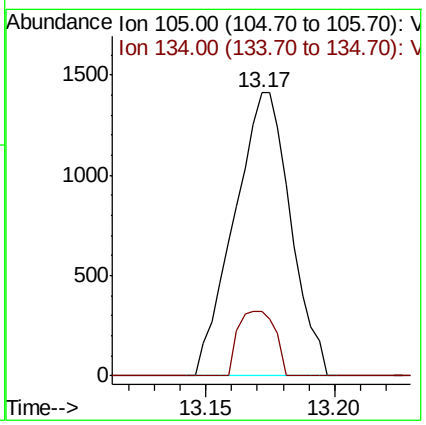


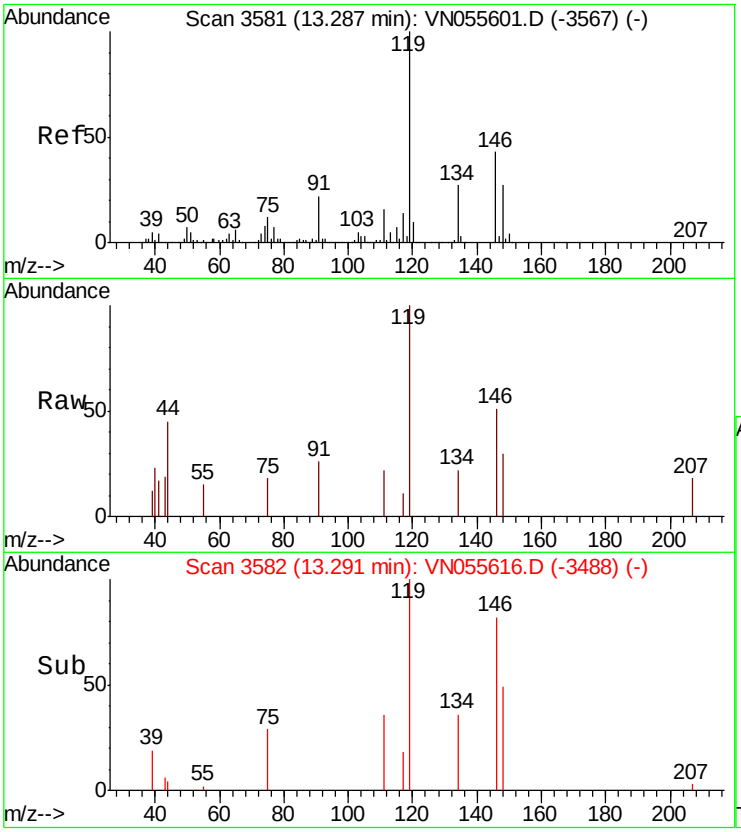


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:105 Resp: 2156

Ion	Ratio	Lower	Upper
105	100		
134	15.0	10.3	30.9



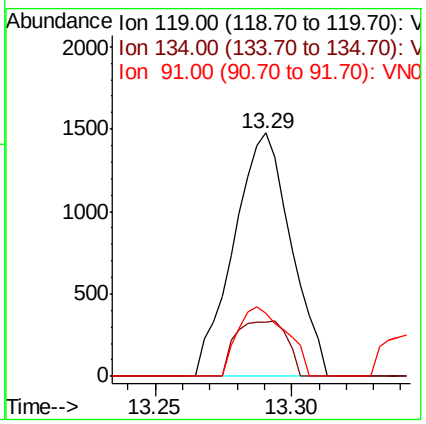


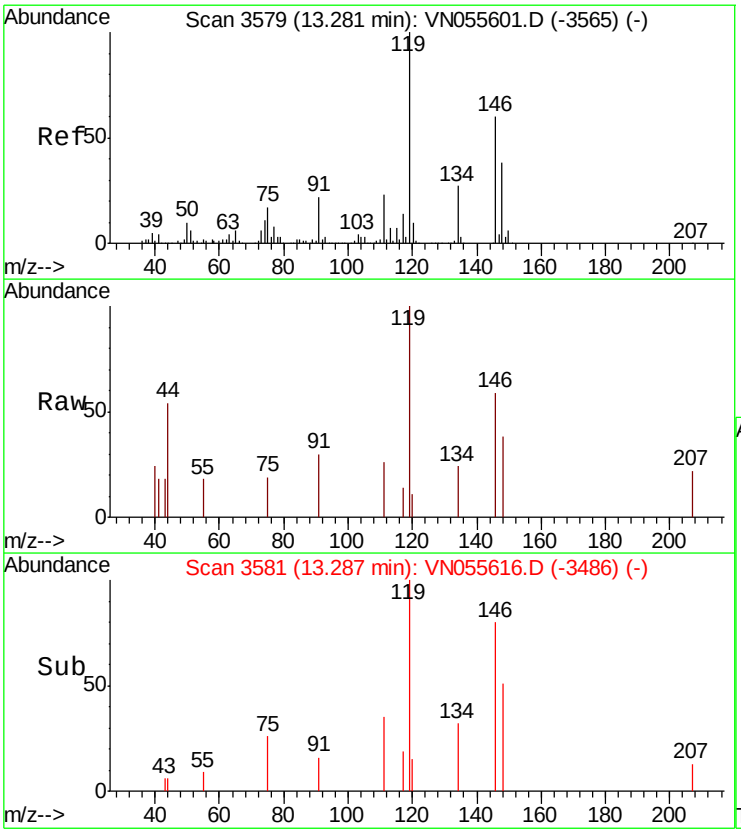
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 2142

Ion	Ratio	Lower	Upper
119	100		
134	20.4	13.4	40.2
91	24.4	11.0	33.0

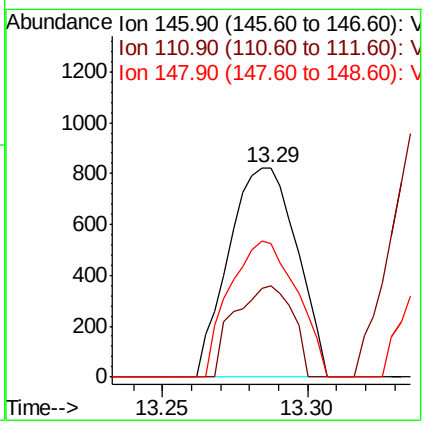


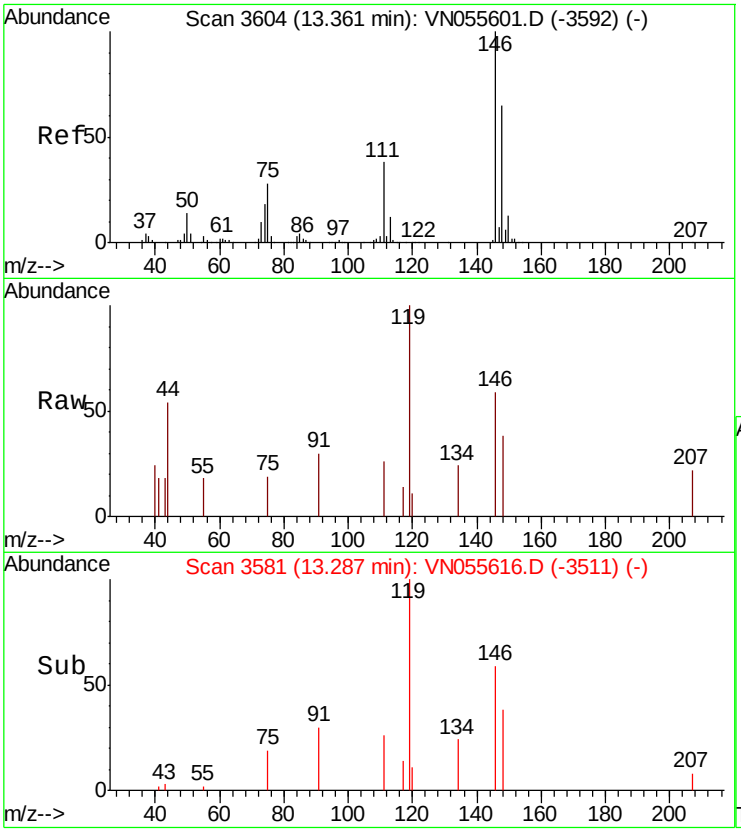


#87
1,3-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:146 Resp: 1341

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	64.1	31.9	95.9



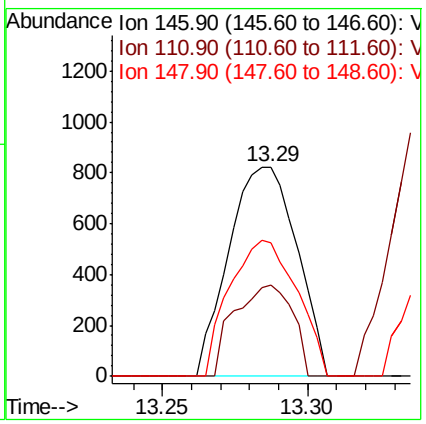


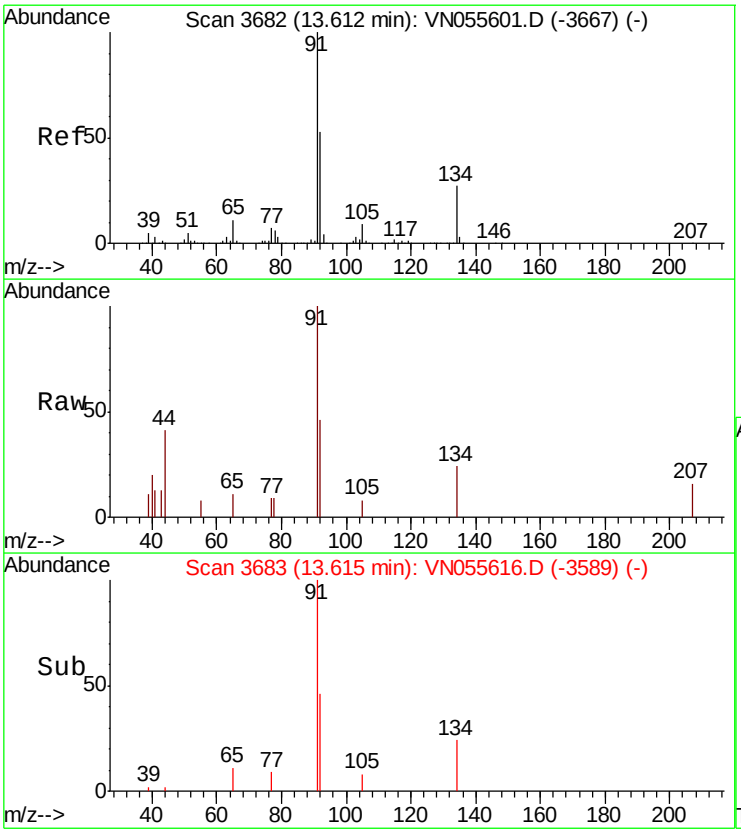
#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.07 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1341

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.4
148	64.1	32.4	97.0

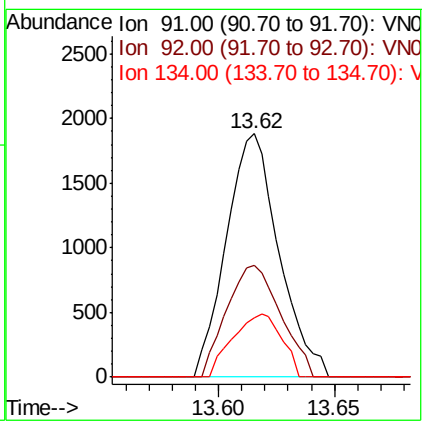


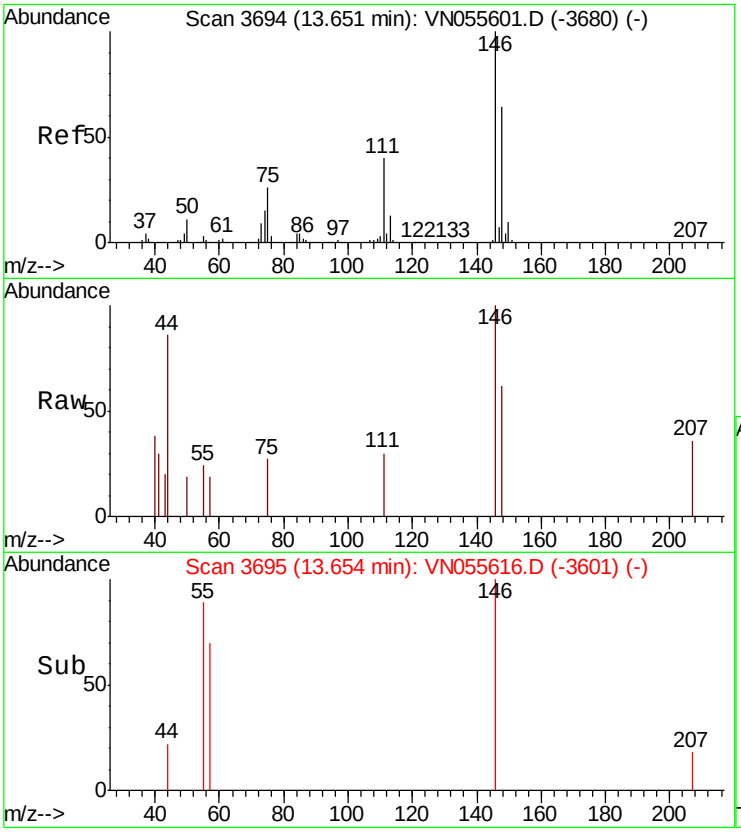


#89
n-Butylbenzene
Concen: 0.306 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion: 91 Resp: 2962

Ion	Ratio	Lower	Upper
91	100		
92	47.3	26.4	79.0
134	24.1	13.7	41.1



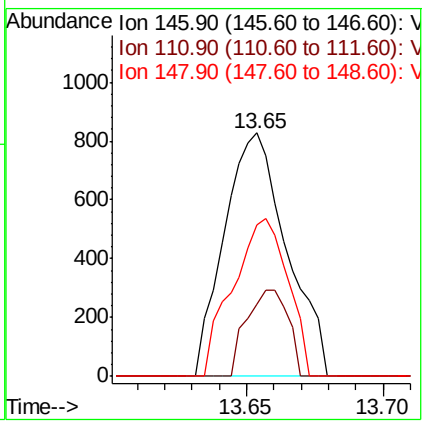


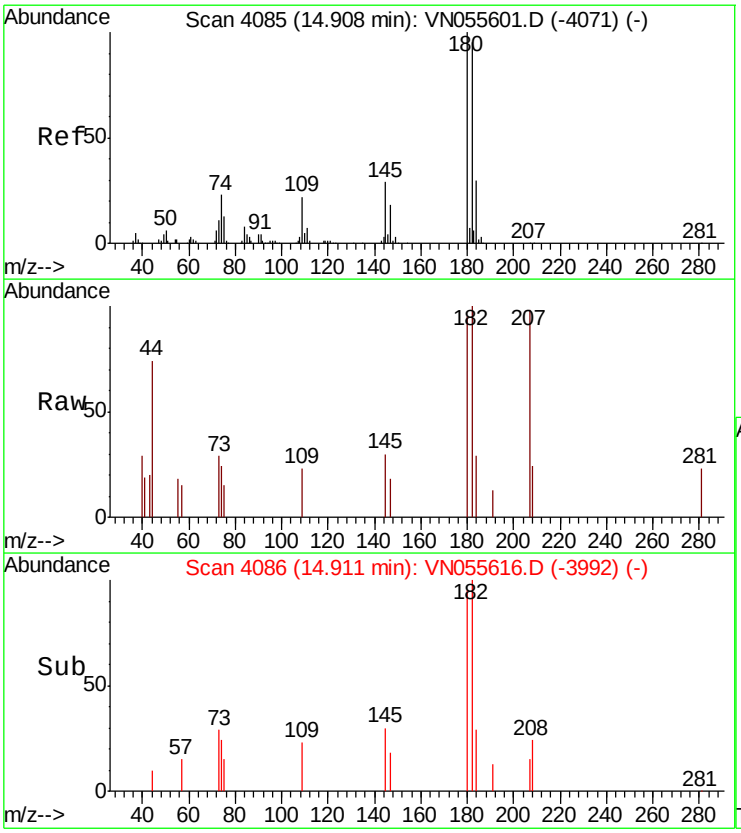
#91
1,2-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1315

Ion	Ratio	Lower	Upper
146	100		
111	23.3	19.7	59.0
148	57.0	32.1	96.3

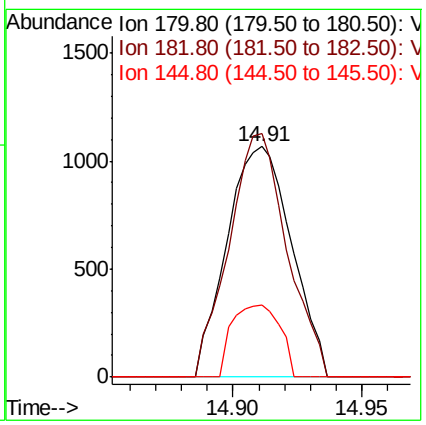


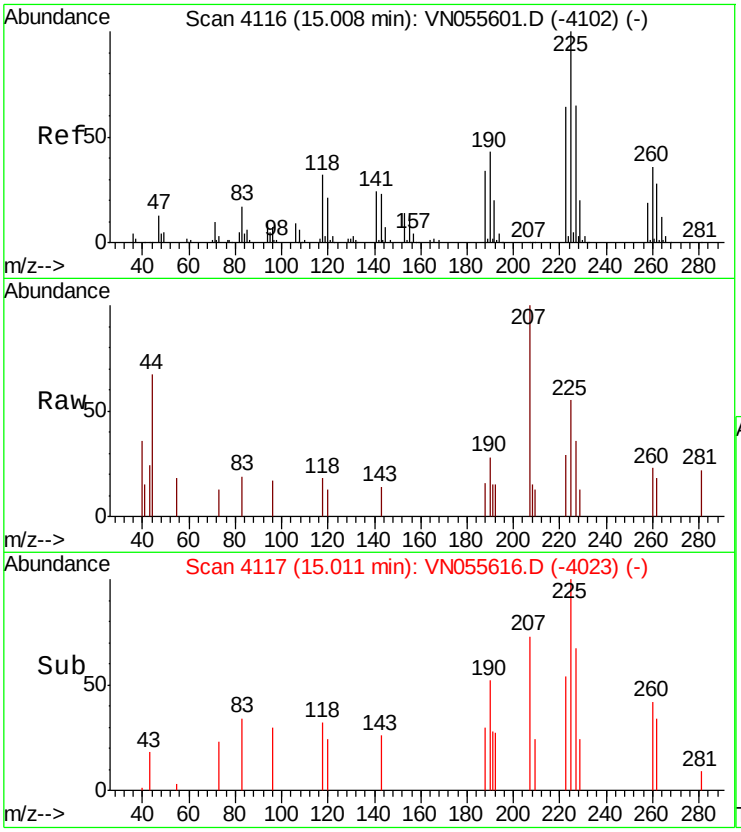


#93
1,2,4-Trichlorobenzene
Concen: 0.611 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:180 Resp: 1858

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	23.2	14.3	42.9



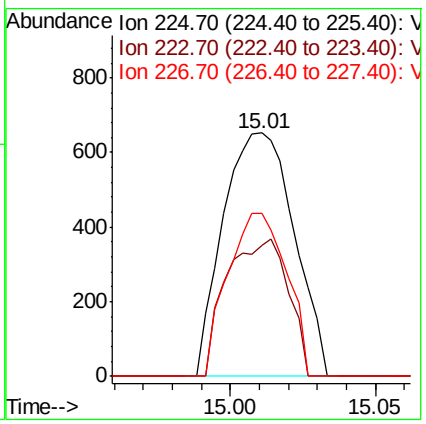


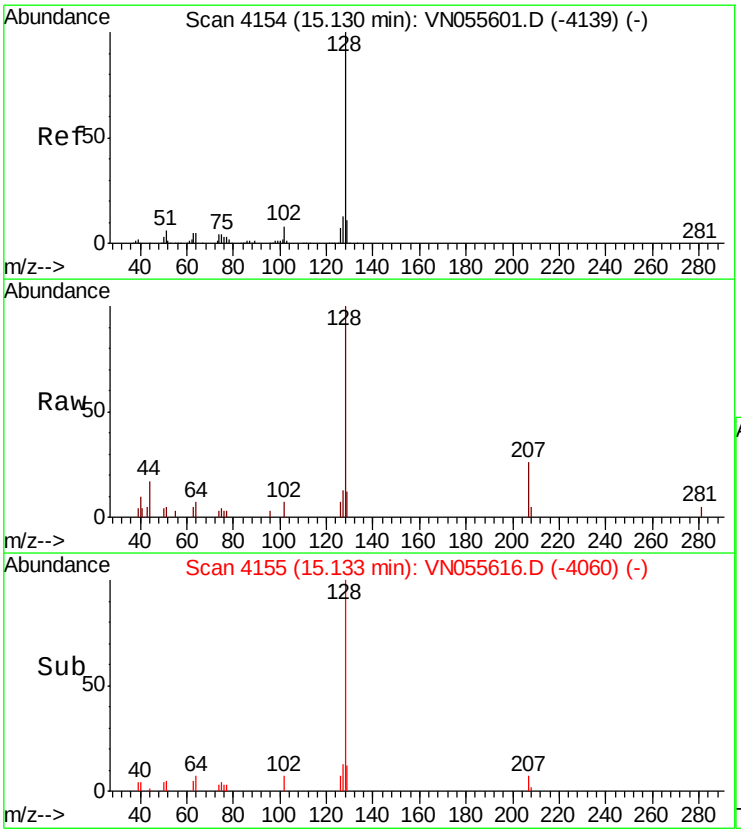
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 1106

Ion	Ratio	Lower	Upper
225	100		
223	49.1	31.6	94.7
227	55.3	32.4	97.0

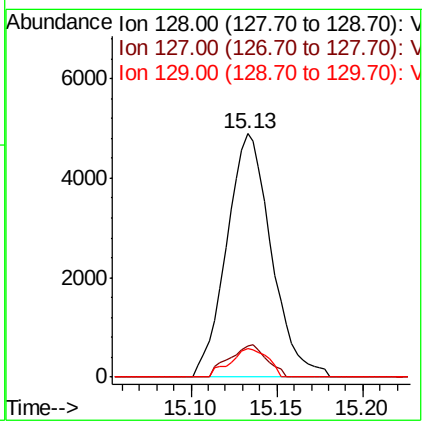


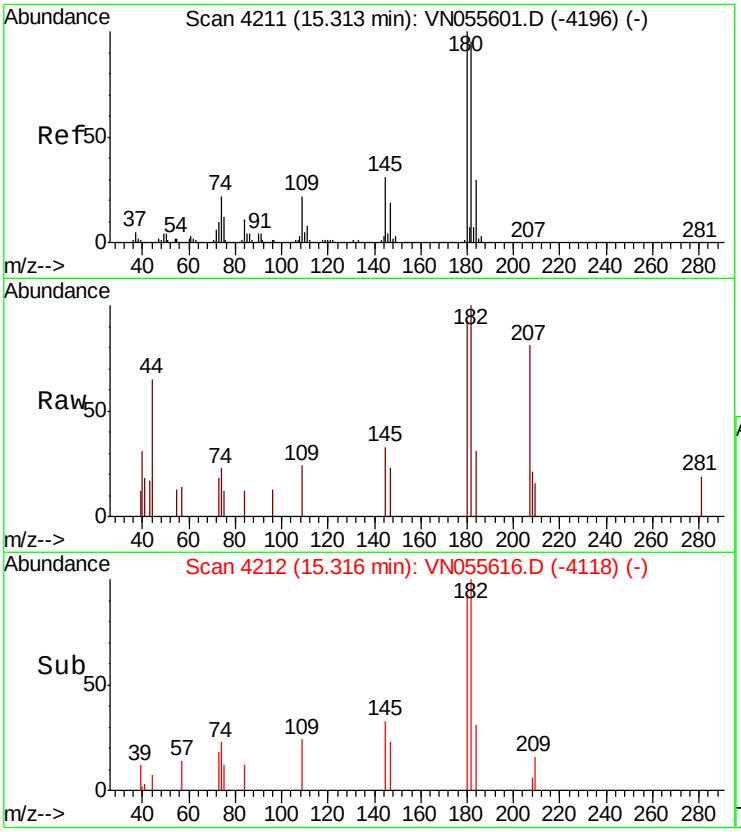


#95
Naphthalene
Concen: 2.696 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Tgt Ion:128 Resp: 8866

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.4
129	9.8	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.673 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN055616.D
Acq: 17 May 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2139

Ion	Ratio	Lower	Upper
180	100		
182	106.1	47.9	143.6
145	28.2	15.4	46.1