Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055637.D
Acq On : 18 May 2019 2:59
Operator : JC/SP
Sample : PB119798TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 18 04:31:50 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	407323	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	581860	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	499543	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208800	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	192572	43.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.26%				
35) Dibromofluoromethane	7.59	113	178127	48.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.38%				
50) Toluene-d8	10.09	98	676713	48.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.84%				
62) 4-Bromofluorobenzene	12.40	95	222453	46.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.18%				
Target Compounds							Qvalue
13) Acrolein	3.62	56	64	1.512	ug/l		97
16) Acetone	3.82	43	10344	5.677	ug/l	#	87
17) Carbon Disulfide	4.06	76	2619	0.253	ug/l	#	75
20) Methylene Chloride	4.56	84	2763	0.664	ug/l		96
29) Tetrahydrofuran	7.23	42	1105	0.655	ug/l	#	45
31) Cyclohexane	7.67	56	6377	0.963	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	24278	4.680	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	34672	6.255	ug/l	#	15
43) Isopropyl Acetate	8.17	43	15765	1.936	ug/l	#	89
45) 1,2-Dichloropropane	9.26	63	1750	0.435	ug/l	#	43
48) Methyl methacrylate	9.18	41	7638	2.099	ug/l	#	11
51) 4-Methyl-2-Pentanone	9.99	43	3950	0.827	ug/l		92
54) cis-1,3-Dichloropropene	9.90	75	62110	9.553	ug/l	#	57
57) 1,3-Dichloropropane	10.76	76	11574	1.855	ug/l	#	42
59) 2-Hexanone	10.76	43	156541	46.549	ug/l	#	50
65) Chlorobenzene	11.44	112	3487	0.345	ug/l		95
71) Bromoform	12.40	173	1312	0.381	ug/l	#	1
73) Isopropylbenzene	12.25	105	873	Below Cal		#	48
74) N-amyl acetate	11.88	43	17071	2.912	ug/l	#	52
76) 1,2,3-Trichloropropane	12.40	75	103772	24.356	ug/l	#	100
79) 2-Chlorotoluene	12.67	91	704	Below Cal			83
80) 1,3,5-Trimethylbenzene	12.73	105	14411	Below Cal			100
81) trans-1,4-Dichloro-2-buten	12.40	75	103772	62.610	ug/l	#	17
83) tert-Butylbenzene	12.99	119	566	Below Cal		#	76
84) 1,2,4-Trimethylbenzene	13.04	105	1251	Below Cal			67
85) sec-Butylbenzene	13.17	105	1403	Below Cal			98
86) p-Isopropyltoluene	13.29	119	1674	Below Cal			85
89) n-Butylbenzene	13.62	91	2379	0.208	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	318	0.336	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	871	0.242	ug/l	#	85
94) Hexachlorobutadiene	15.01	225	483	Below Cal			81
95) Naphthalene	15.14	128	2521	1.988	ug/l	#	90
96) 1,2,3-Trichlorobenzene	15.32	180	923	0.245	ug/l		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055637.D
Acq On : 18 May 2019 2:59
Operator : JC/SP
Sample : PB119798TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 18 04:31:50 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055637.D
Acq On : 18 May 2019 2:59
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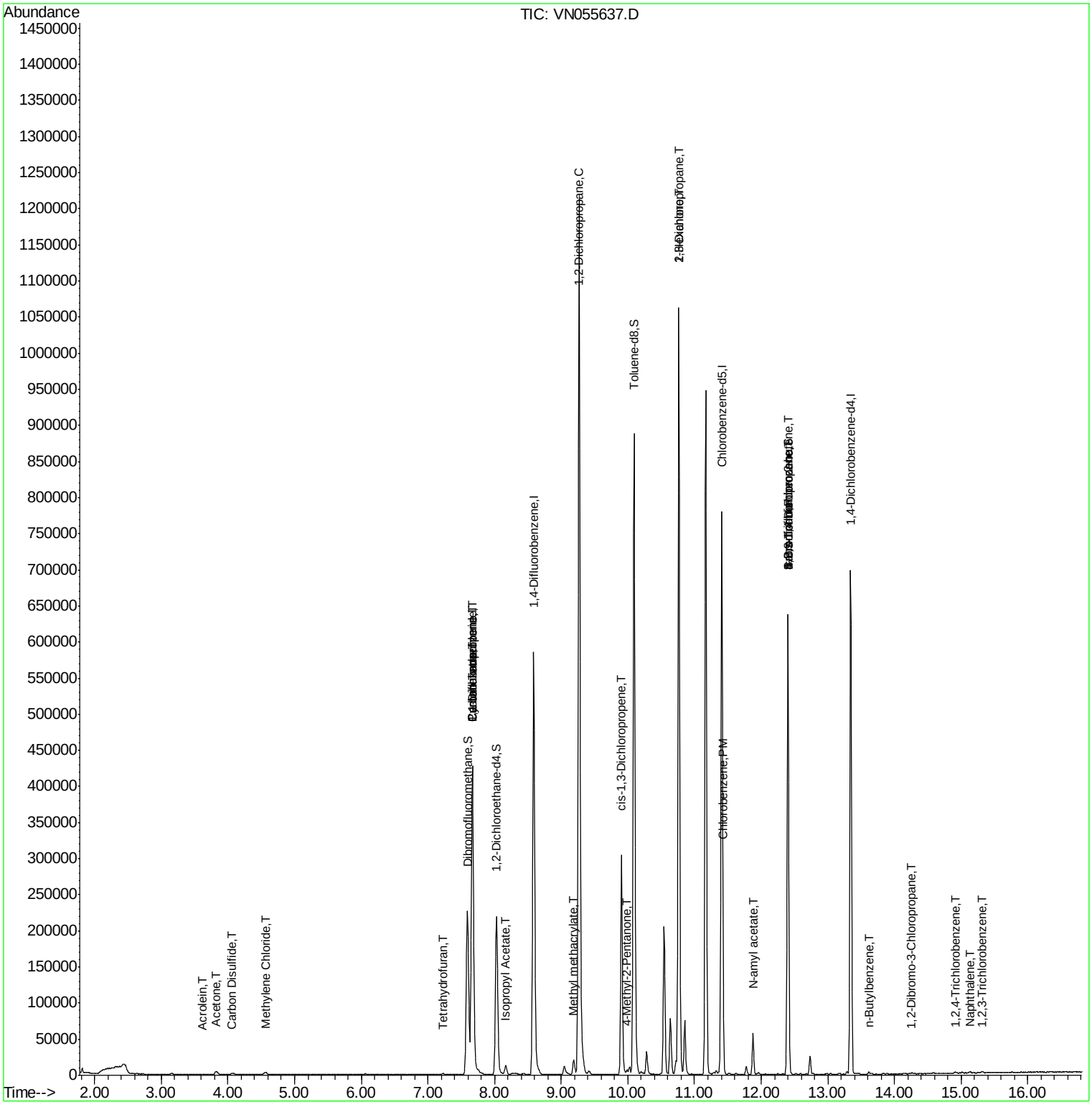
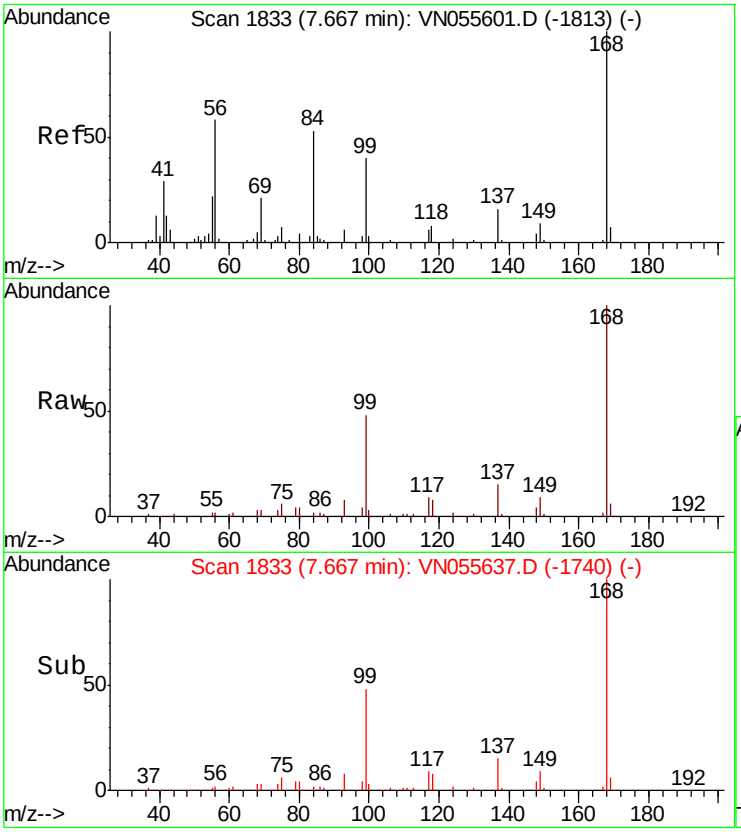
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

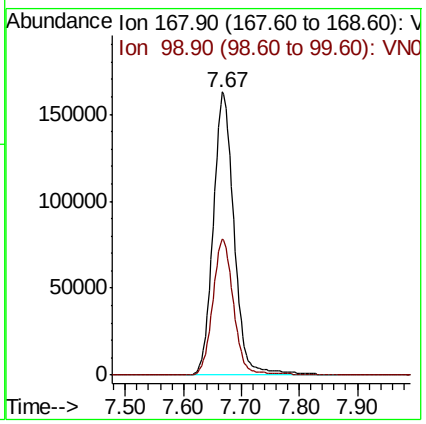




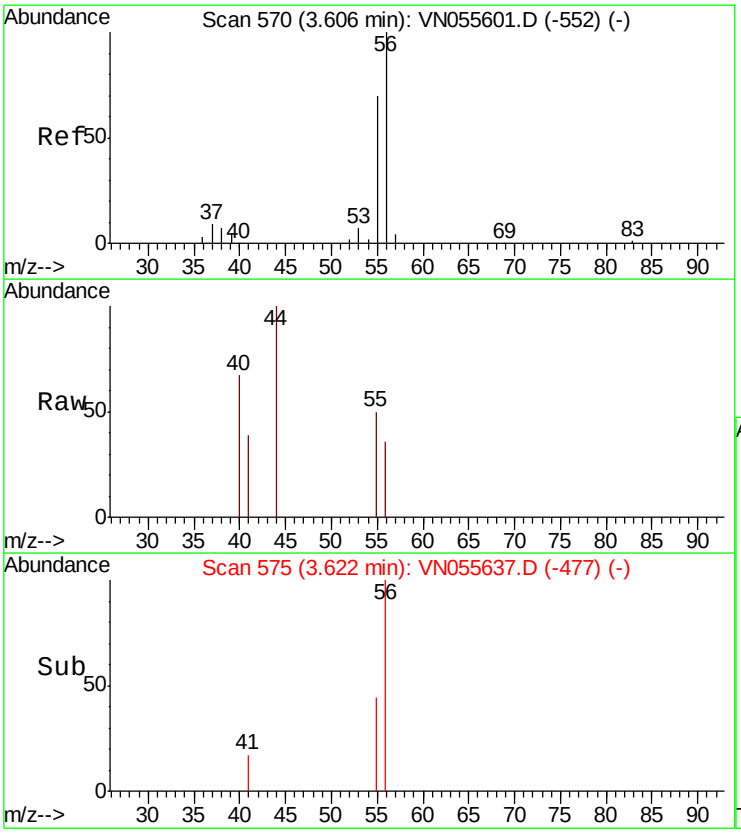
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:168 Resp: 407323

Ion	Ratio	Lower	Upper
168	100		
99	48.2	40.2	60.2



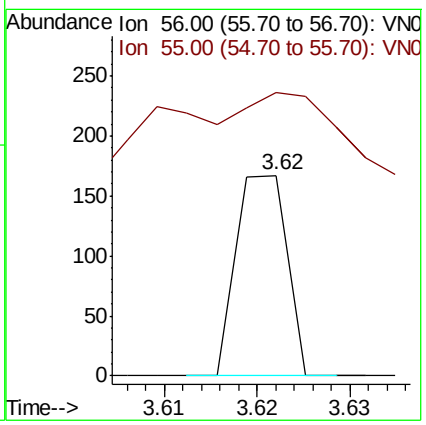
Instrument :
MSVOA_N
ClientSampleId :

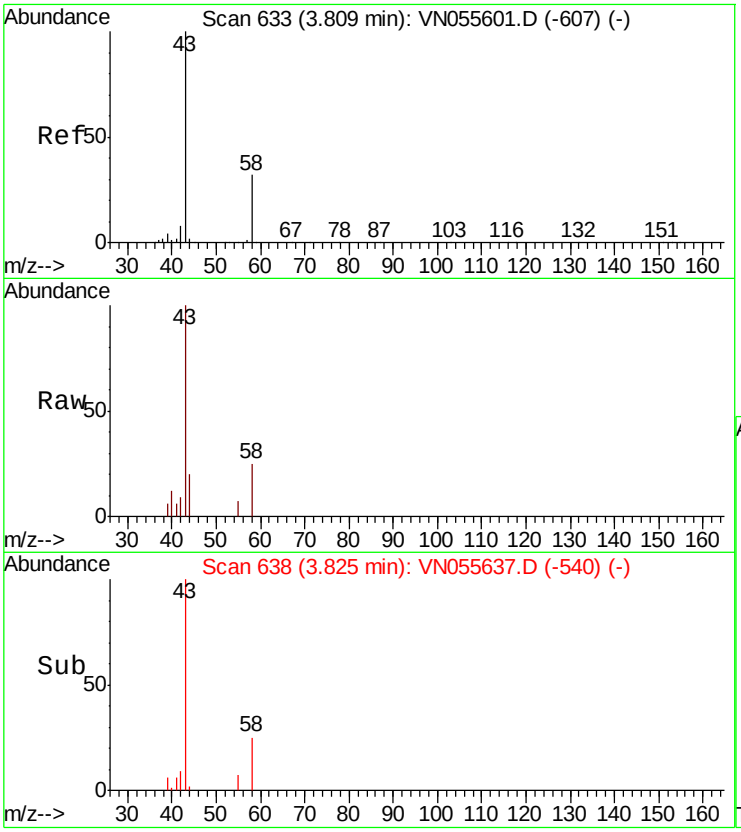


#13
Acrolein
Concen: 1.512 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	73.4	56.5	84.7



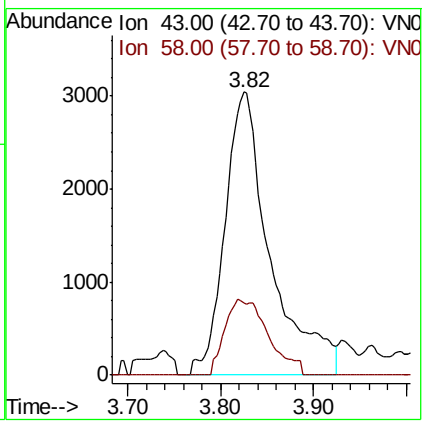


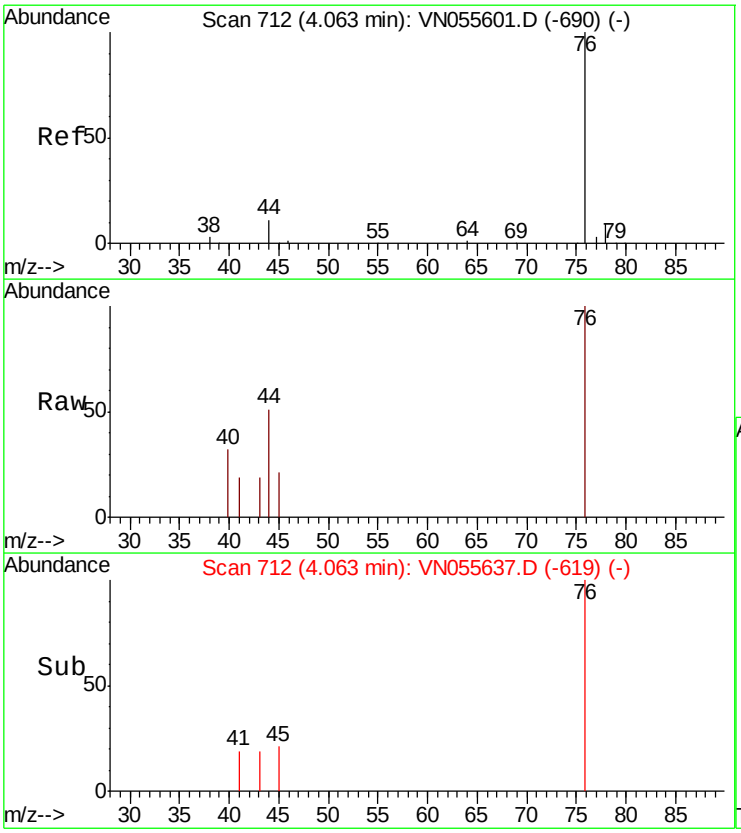
#16
Acetone
Concen: 5.677 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10344

Ion	Ratio	Lower	Upper
43	100		
58	25.4	26.0	39.0#

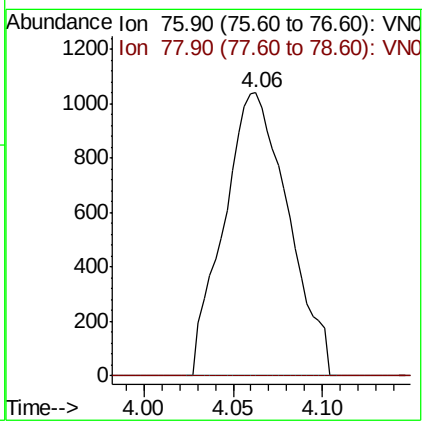


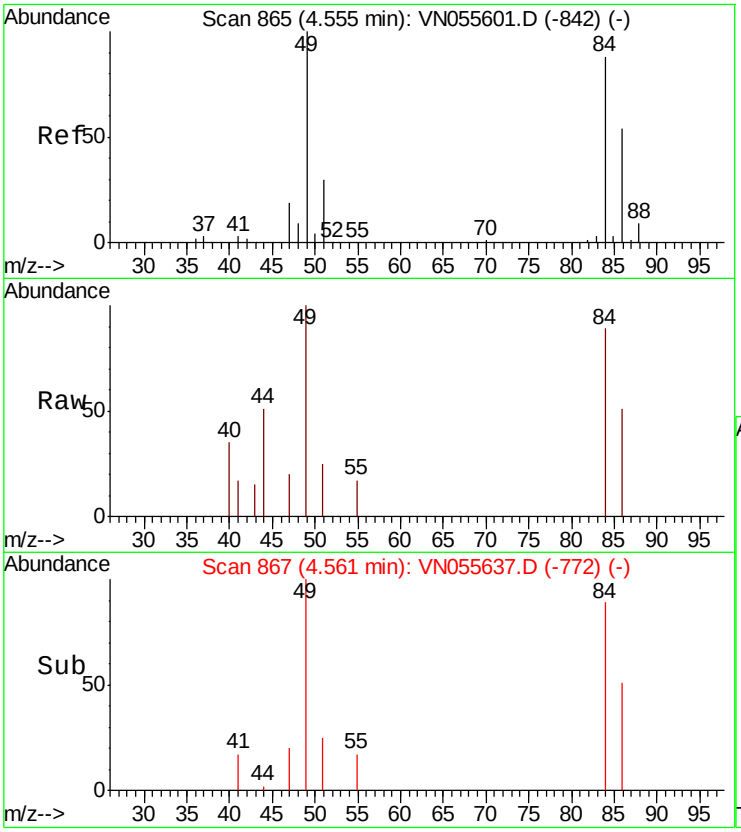


#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 4.06 min Scan# 712
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 76 Resp: 2619

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



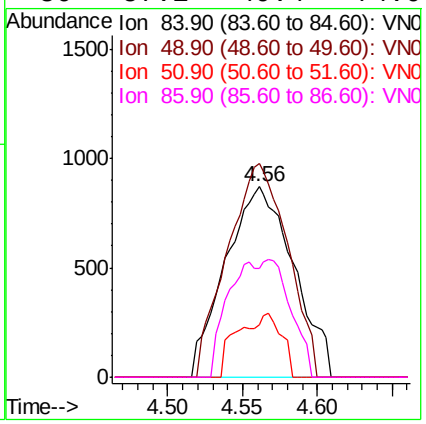


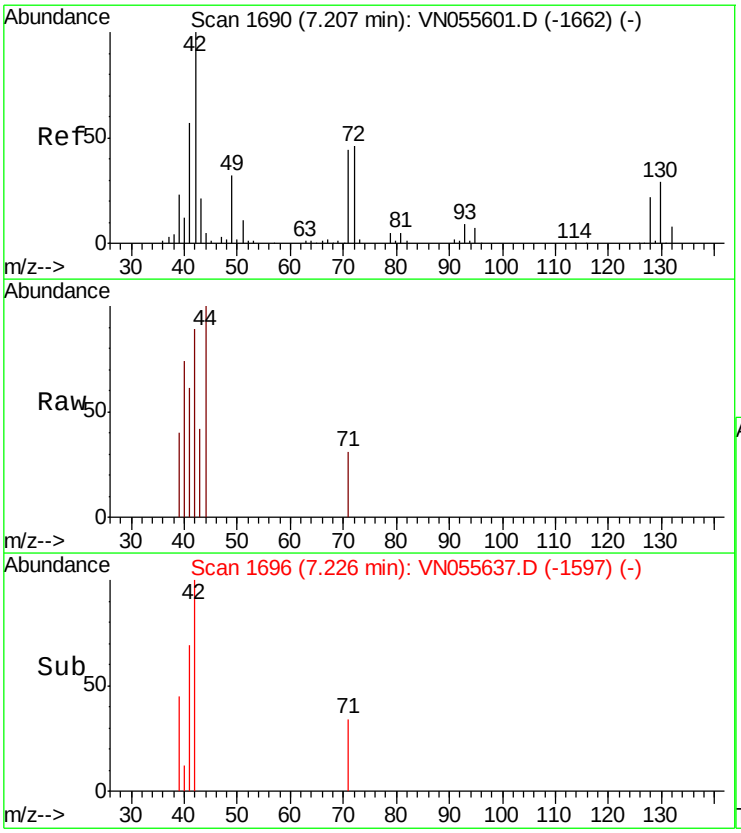
#20
Methylene Chloride
Concen: 0.664 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 2763

Ion	Ratio	Lower	Upper
84	100		
49	112.1	91.0	136.4
51	27.8	27.5	41.3
86	57.1	49.4	74.0

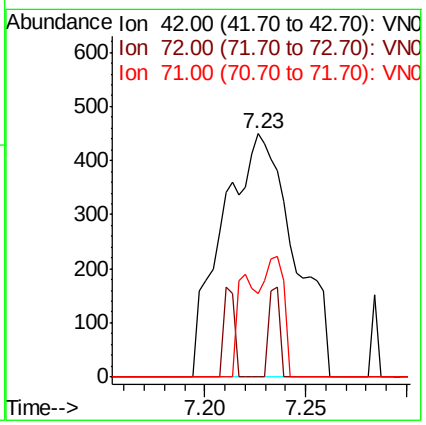


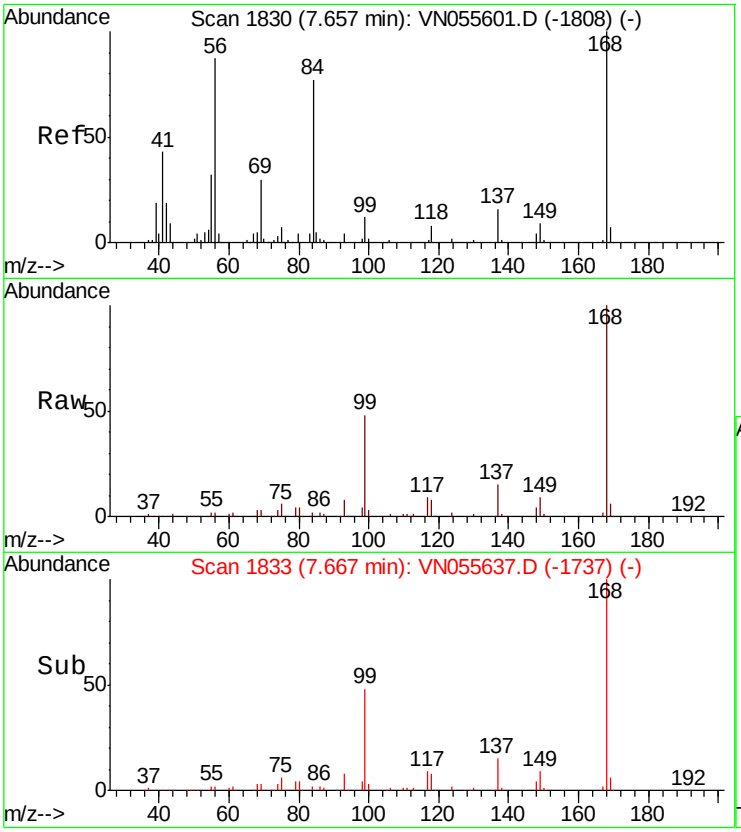


#29
Tetrahydrofuran
Concen: 0.655 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 42 Resp: 1105

Ion	Ratio	Lower	Upper
42	100		
72	5.6	36.5	54.7#
71	11.9	34.9	52.3#



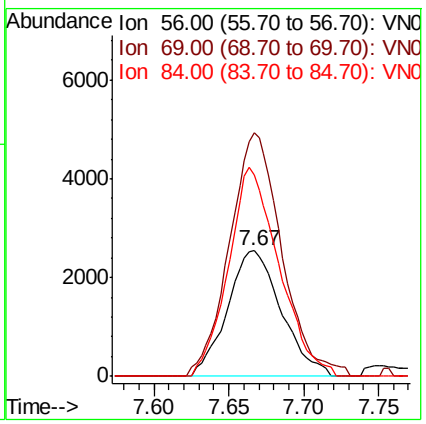


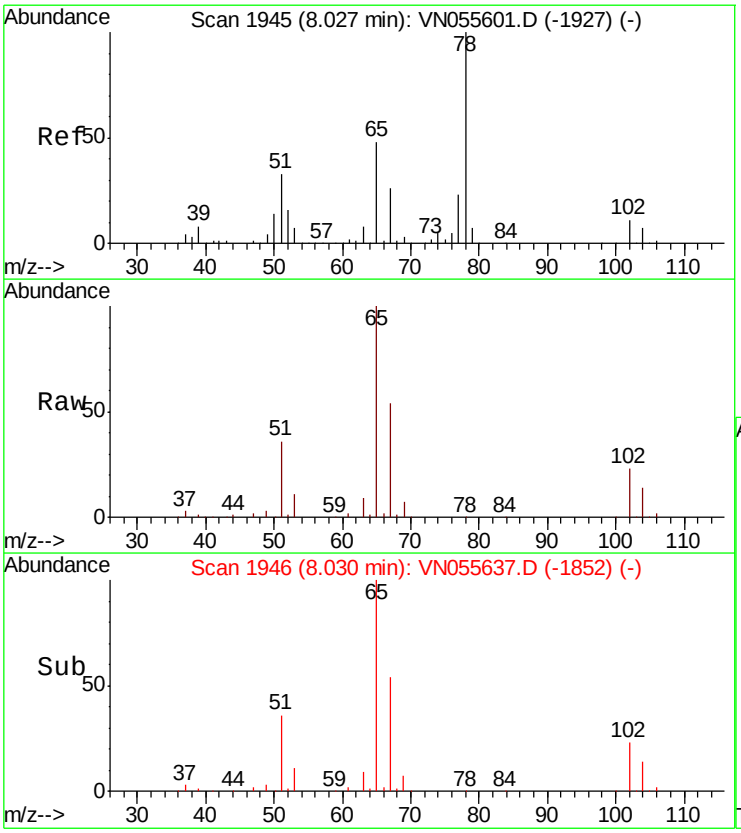
#31
Cyclohexane
Concen: 0.963 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 6377

Ion	Ratio	Lower	Upper
56	100		
69	194.2	27.2	40.8#
84	160.2	71.3	106.9#

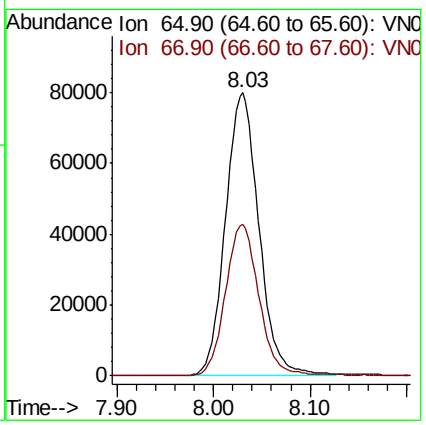


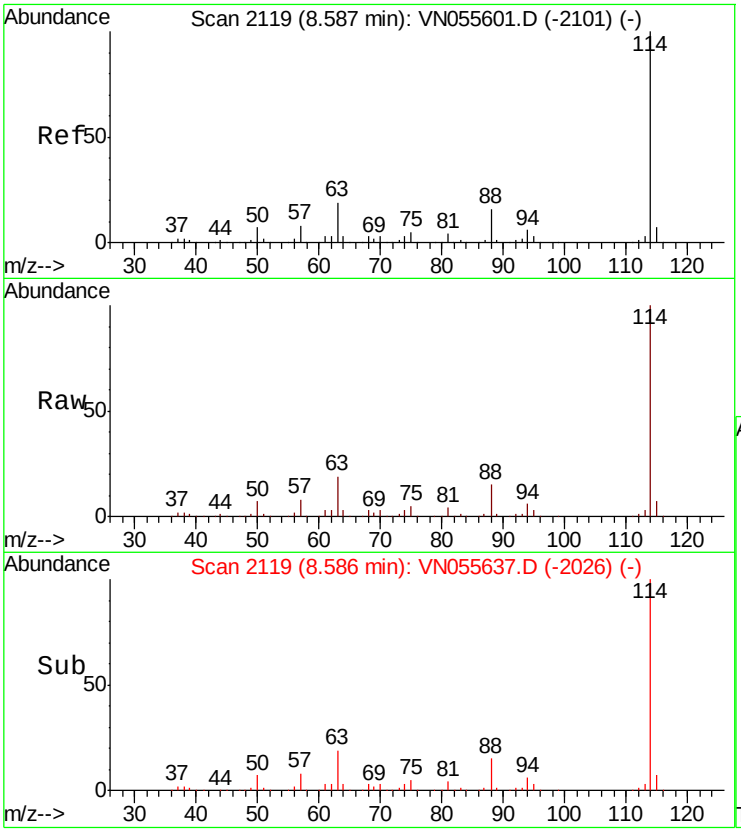


#33
1,2-Dichloroethane-d4
Concen: 43.128 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 65 Resp: 192572

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.6



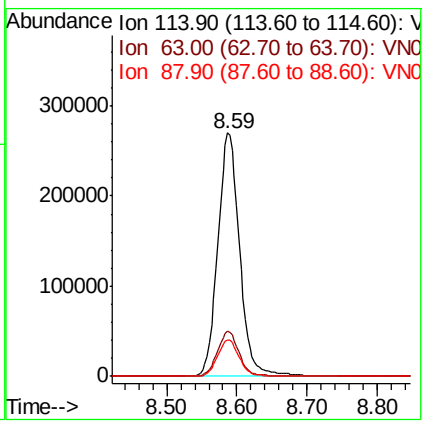


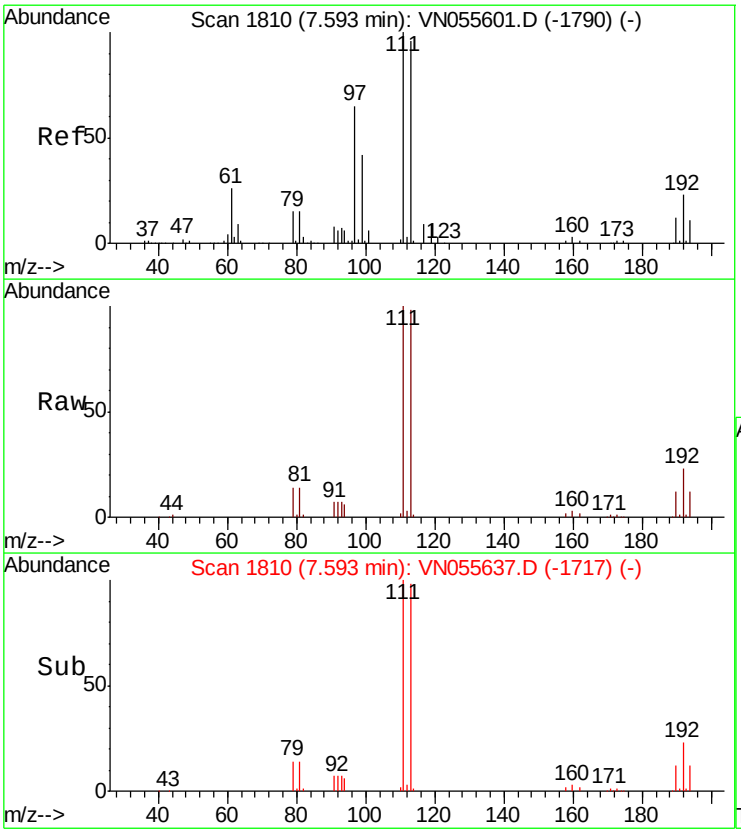
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 581860

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.2
88	15.1	0.0	31.0

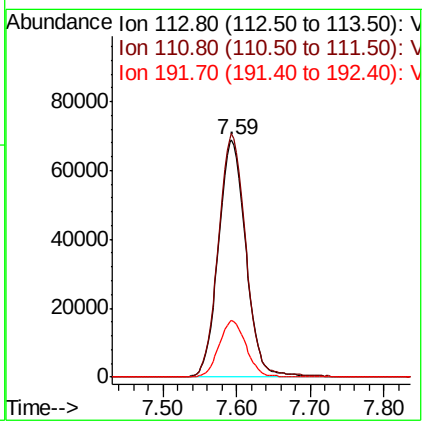


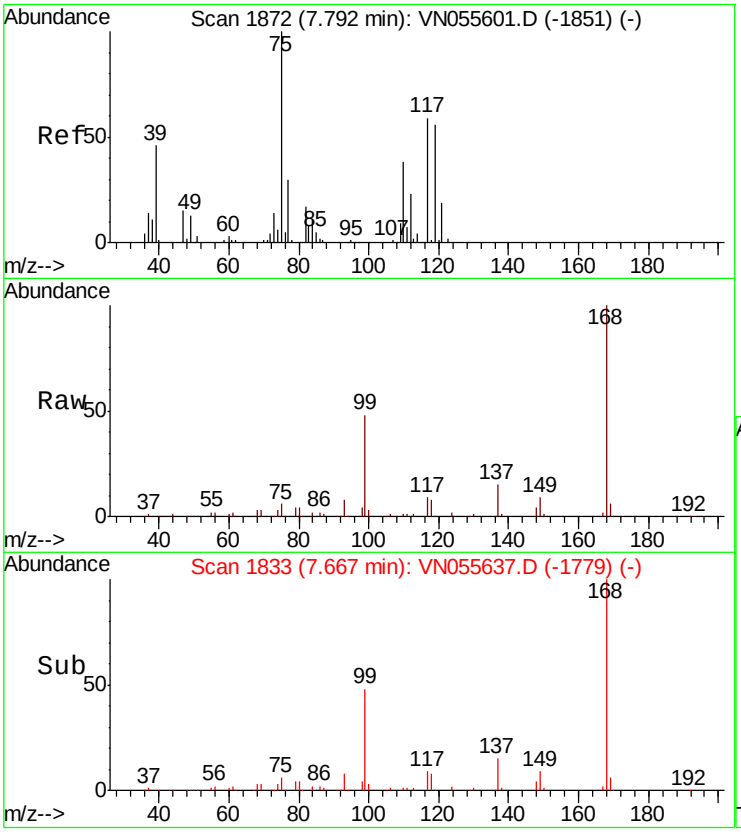


#35
Dibromofluoromethane
Concen: 48.191 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:113 Resp: 178127

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.5	123.7
192	23.6	18.7	28.1



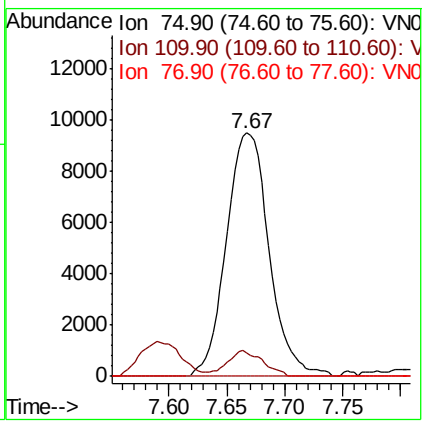


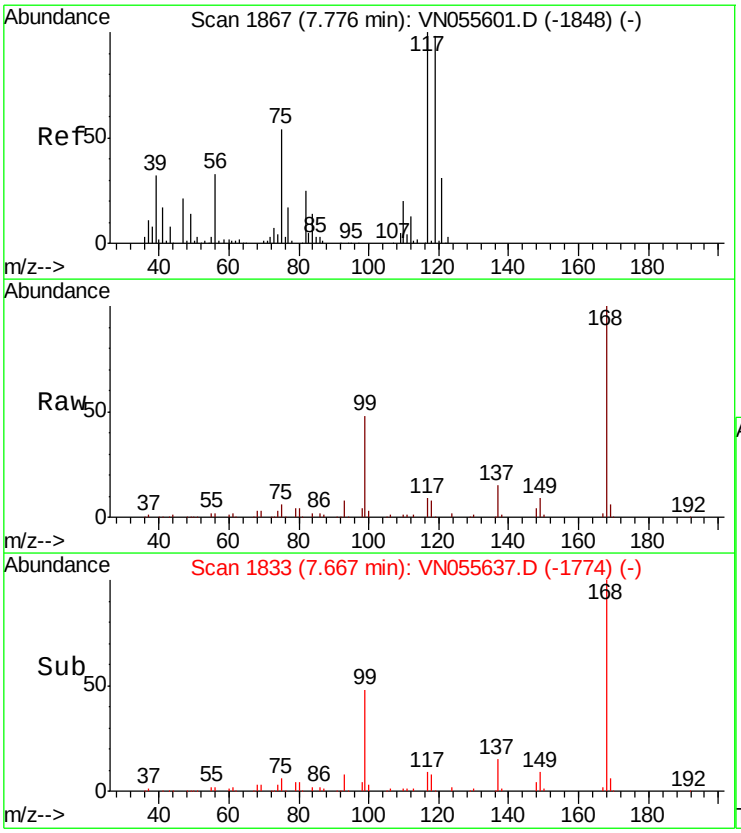
#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 24278

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.6#
77	0.0	24.9	37.3#

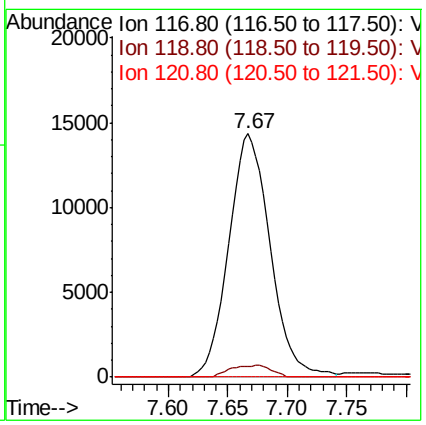


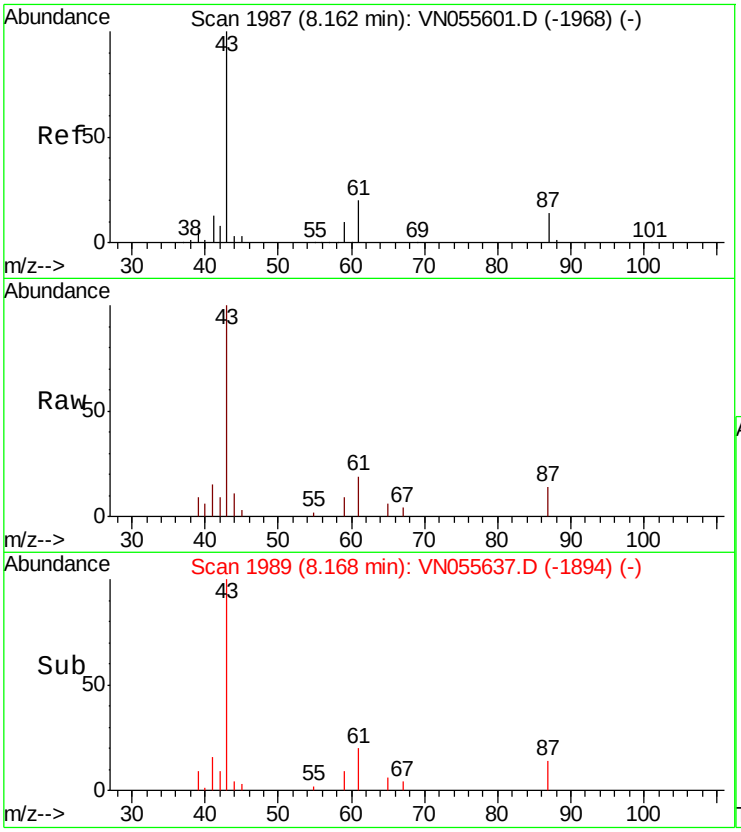


#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:117 Resp: 34672

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.8	116.8#
121	0.0	24.6	37.0#



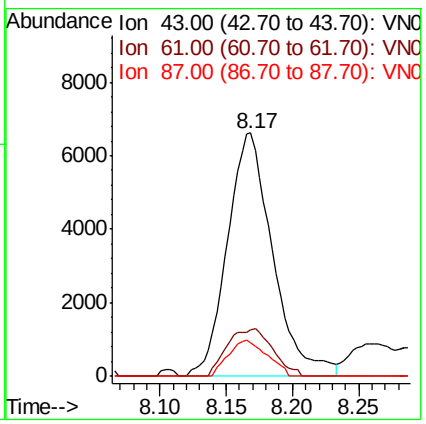


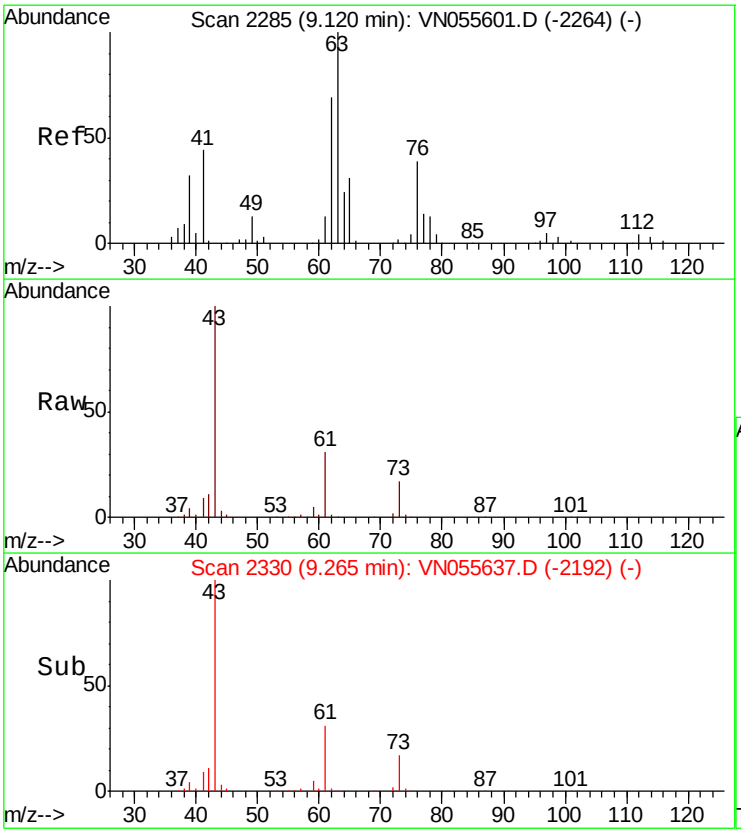
#43
Isopropyl Acetate
Concen: 1.936 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15765

Ion	Ratio	Lower	Upper
43	100		
61	19.7	22.1	33.1#
87	12.7	11.8	17.6

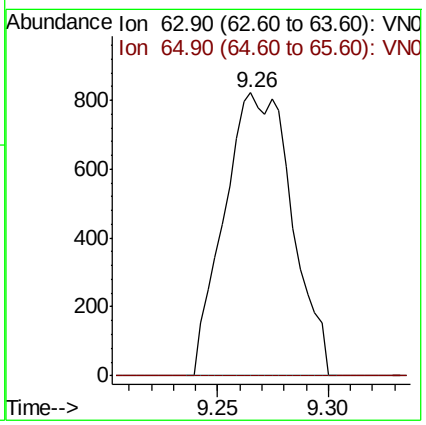


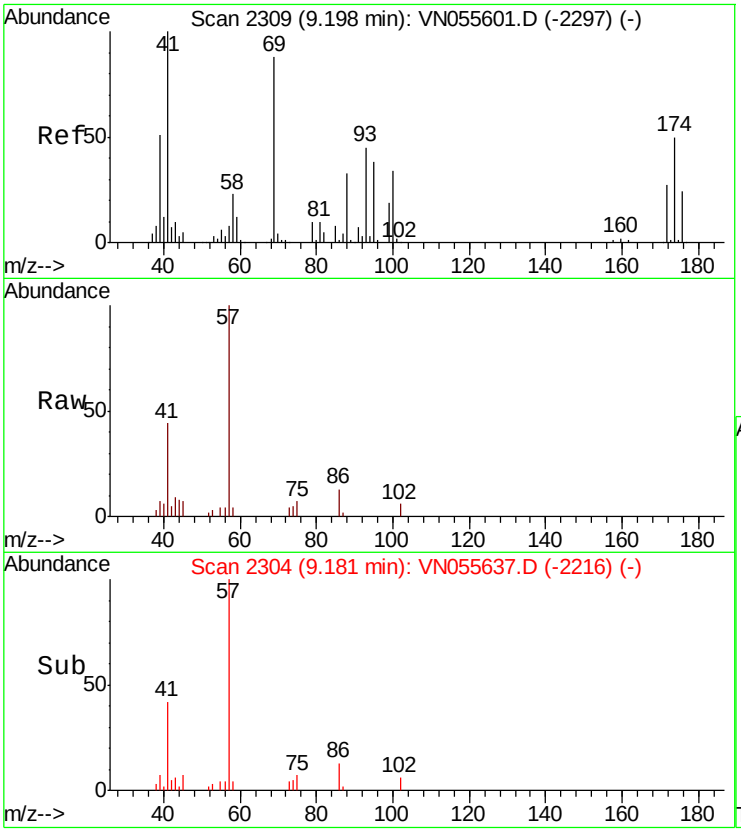


#45
1,2-Dichloropropane
Concen: 0.435 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 63 Resp: 1750

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#



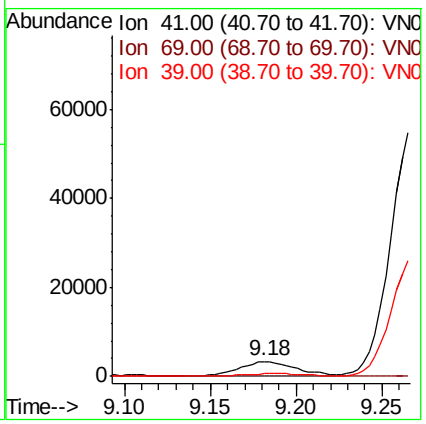


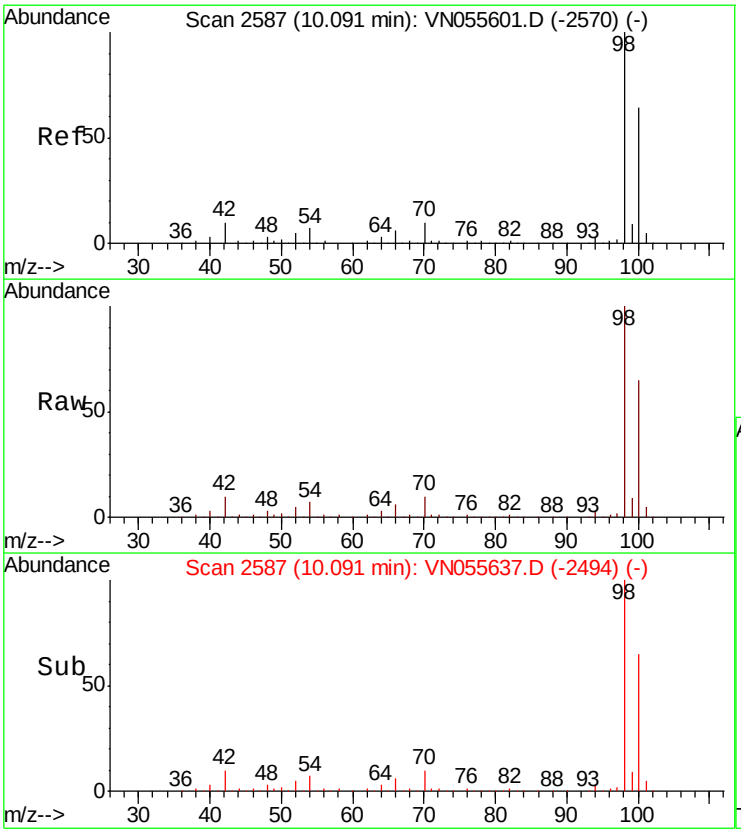
#48
Methyl methacrylate
Concen: 2.099 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 7638

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.2	111.2#
39	0.0	43.8	65.8#

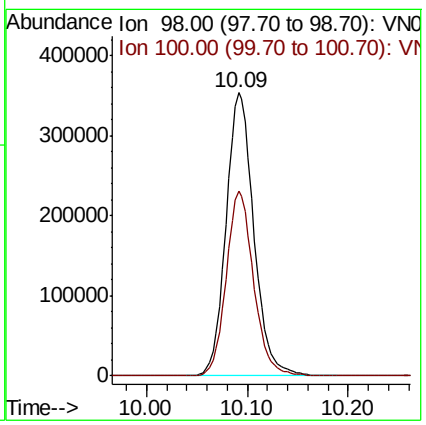


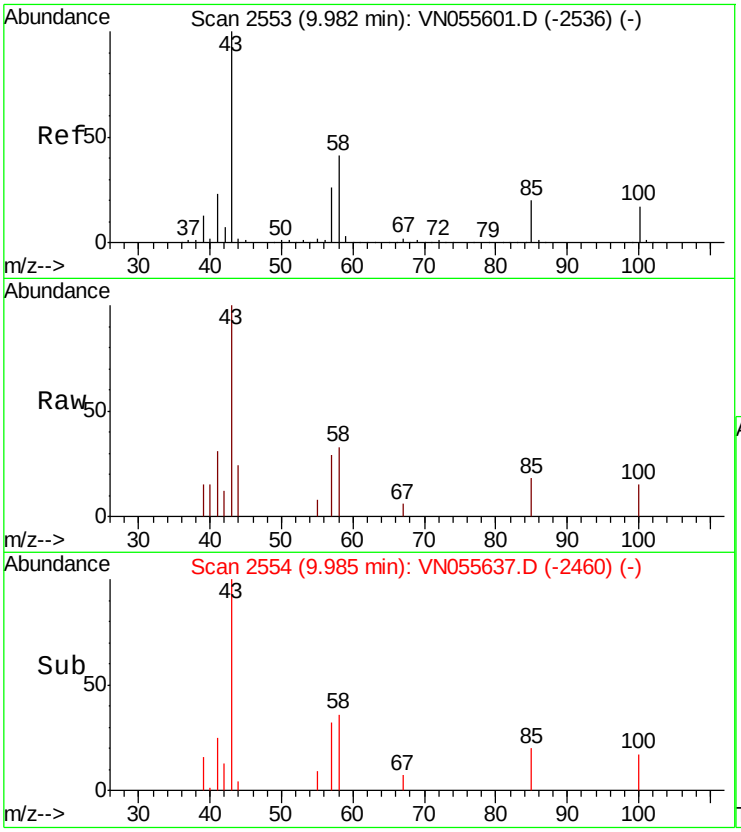


#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 98 Resp: 676713

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



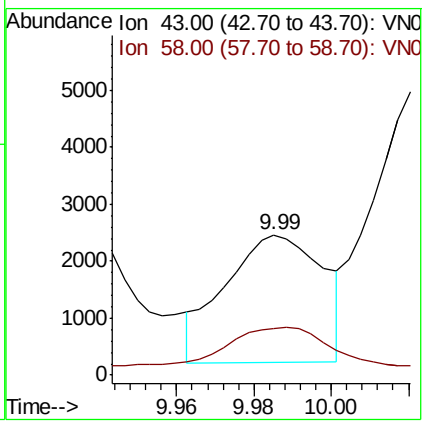


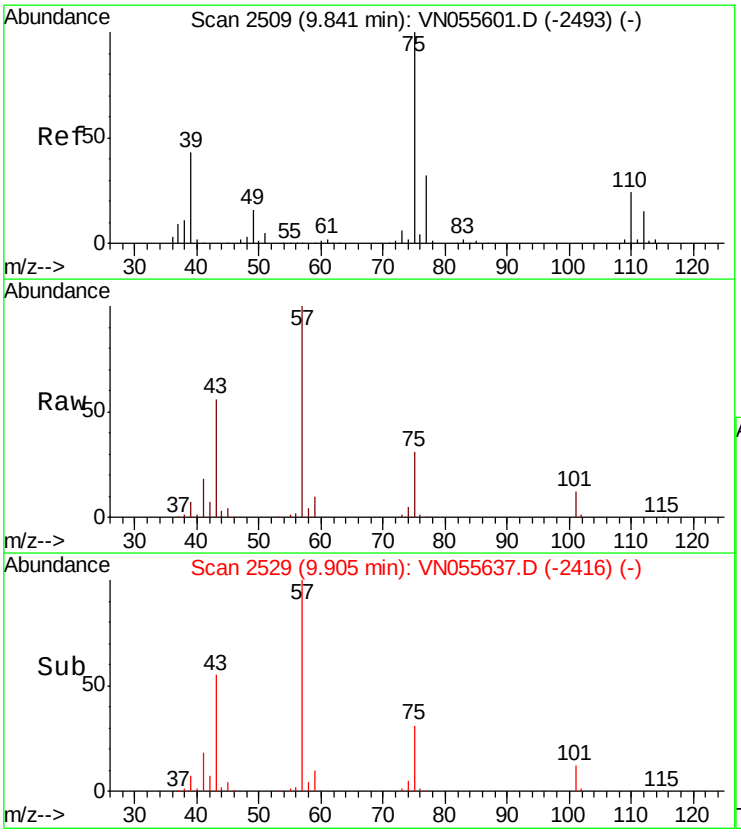
#51
4-Methyl-2-Pentanone
Concen: 0.827 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3950

Ion	Ratio	Lower	Upper
43	100		
58	45.8	32.7	49.1

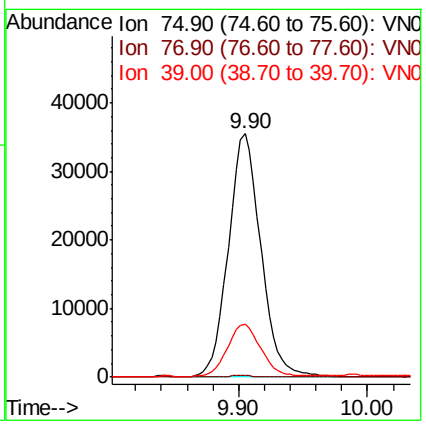


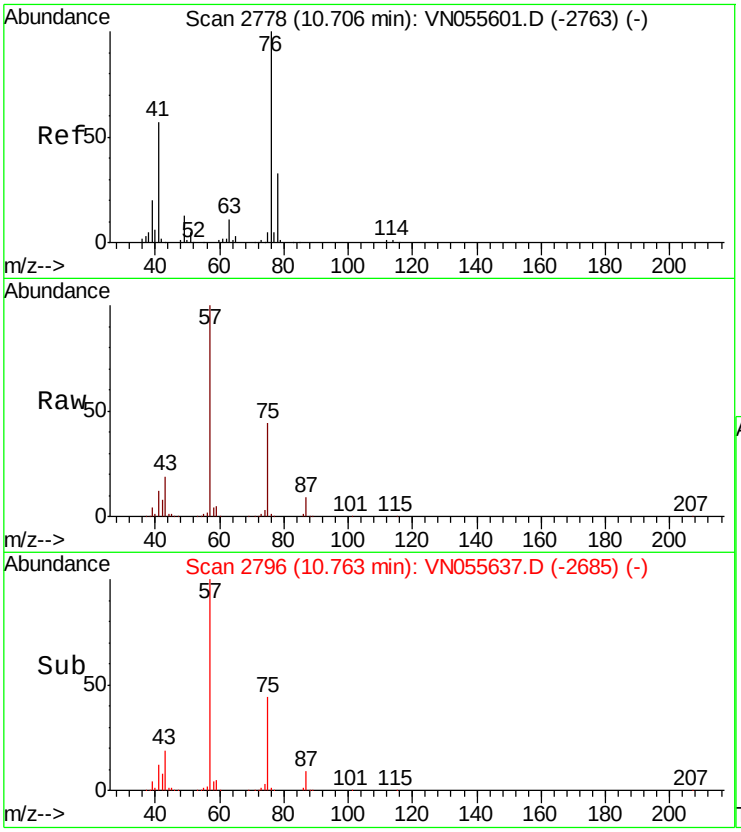


#54
cis-1,3-Dichloropropene
Concen: 9.553 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 75 Resp: 62110

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	21.8	34.7	52.1#



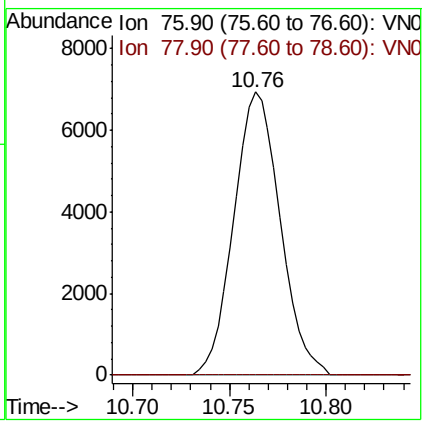


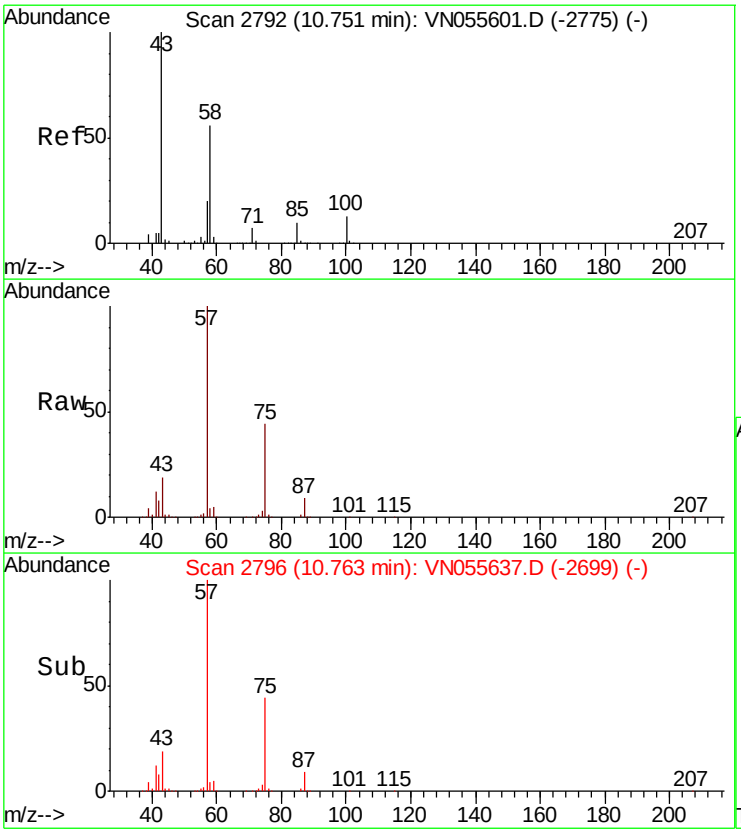
#57
1,3-Dichloropropane
Concen: 1.855 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 11574

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.5	39.7#

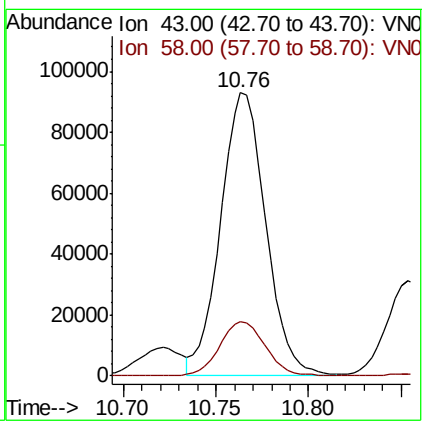


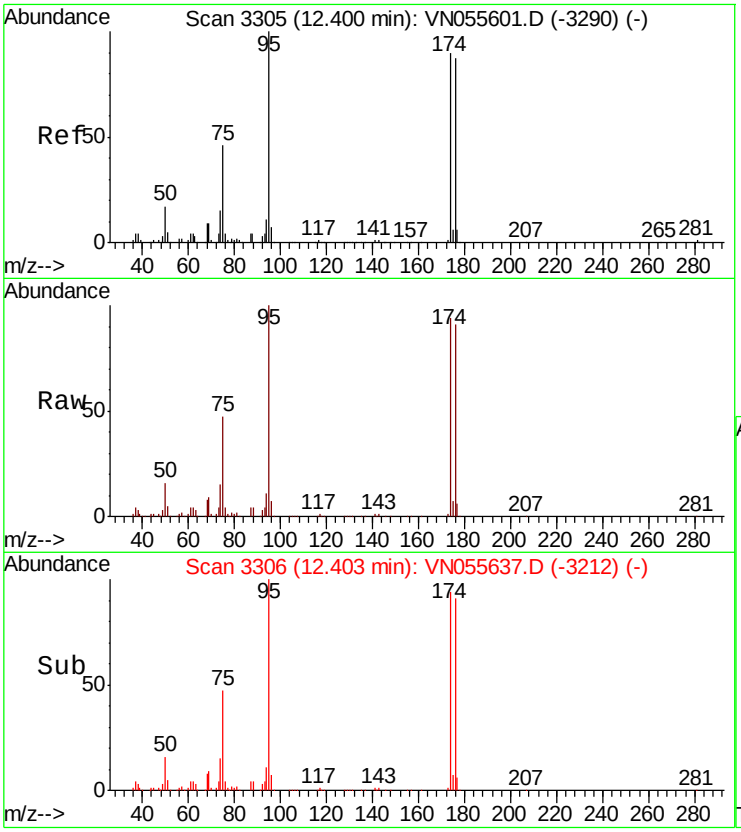


#59
2-Hexanone
Concen: 46.549 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 43 Resp: 156541

Ion	Ratio	Lower	Upper
43	100		
58	19.5	28.1	84.4#



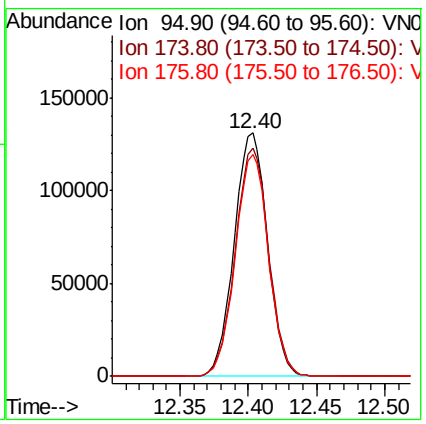


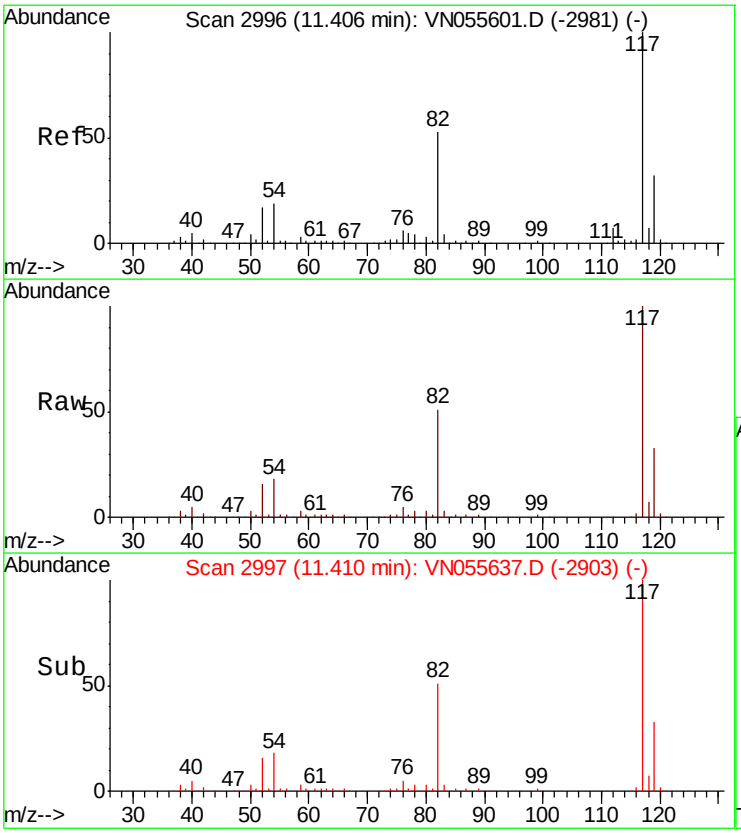
#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 222453

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	180.6
176	90.8	0.0	177.4

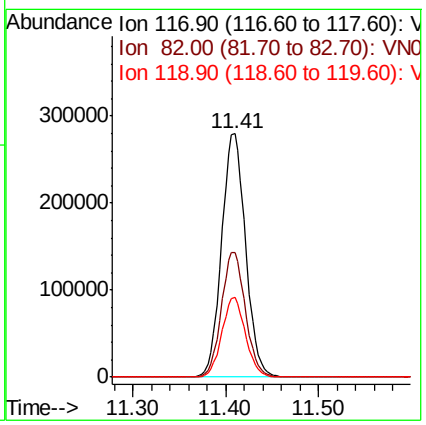


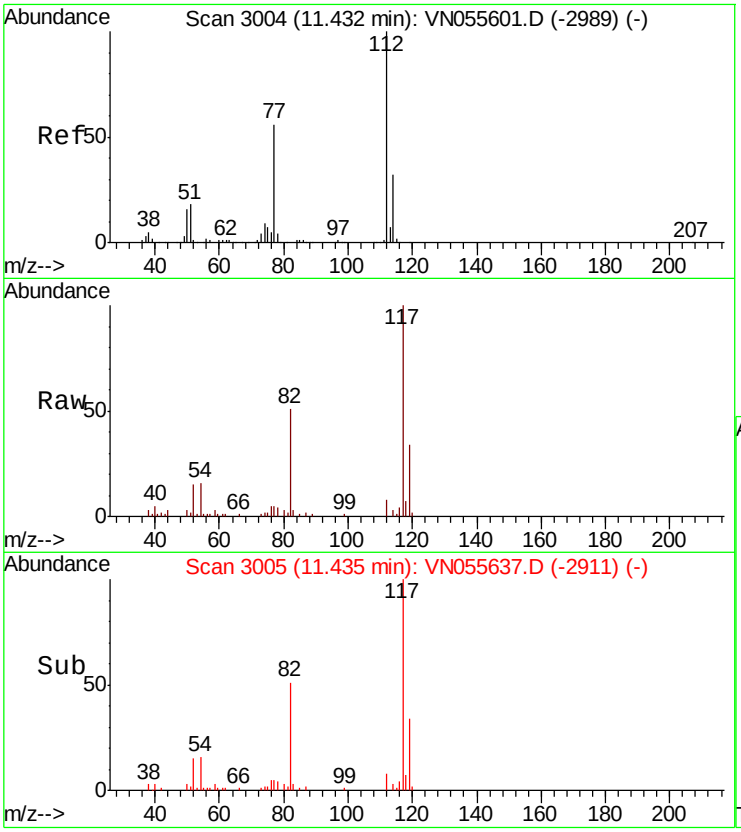


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:117 Resp: 499543

Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.3	63.5
119	32.6	25.4	38.2



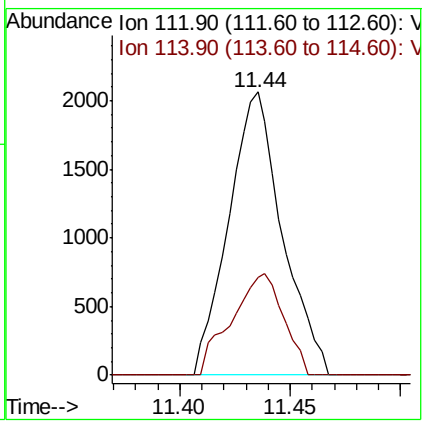


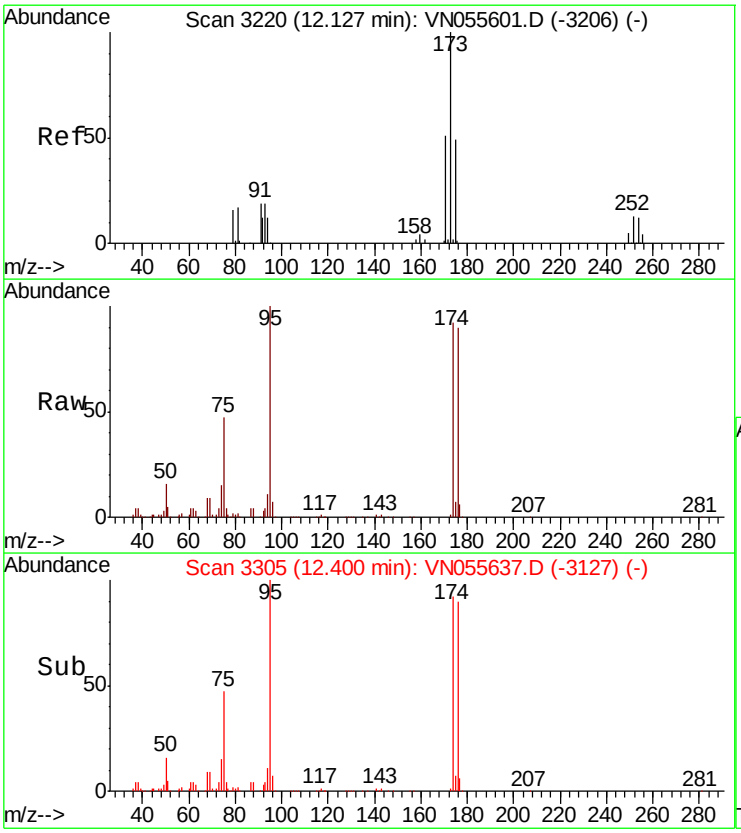
#65
Chlorobenzene
Concen: 0.345 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 3487

Ion	Ratio	Lower	Upper
112	100		
114	34.7	25.6	38.4

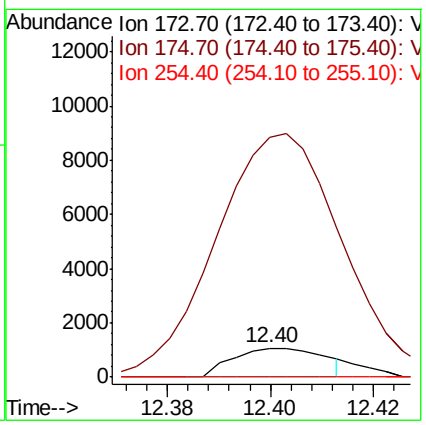


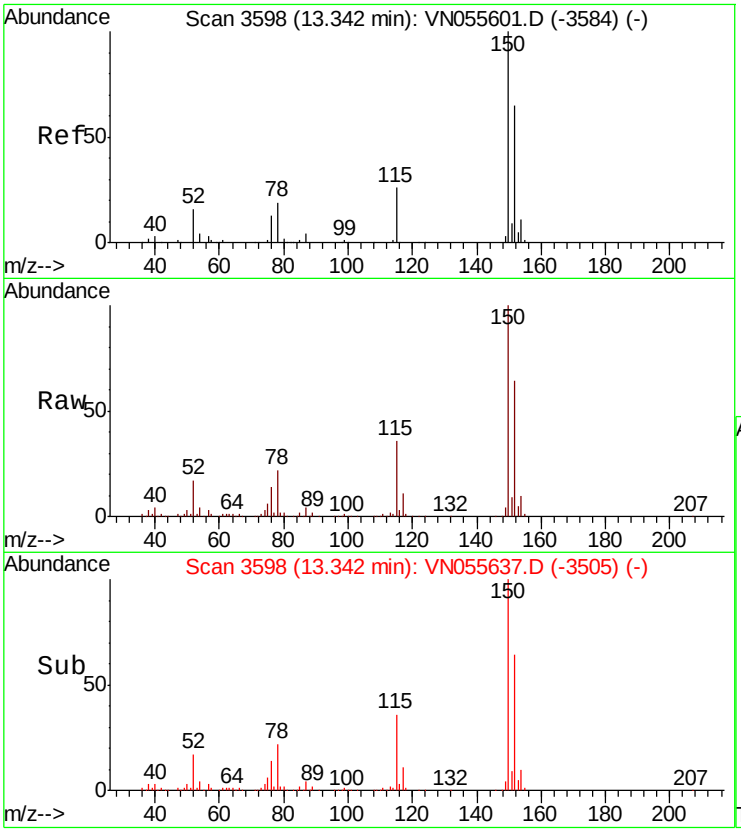


#71
Bromoform
Concen: 0.381 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:173 Resp: 1312

Ion	Ratio	Lower	Upper
173	100		
175	1011.7	24.3	72.9#
254	0.0	0.1	0.1#



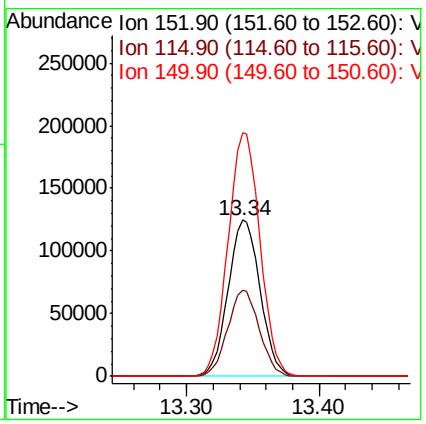


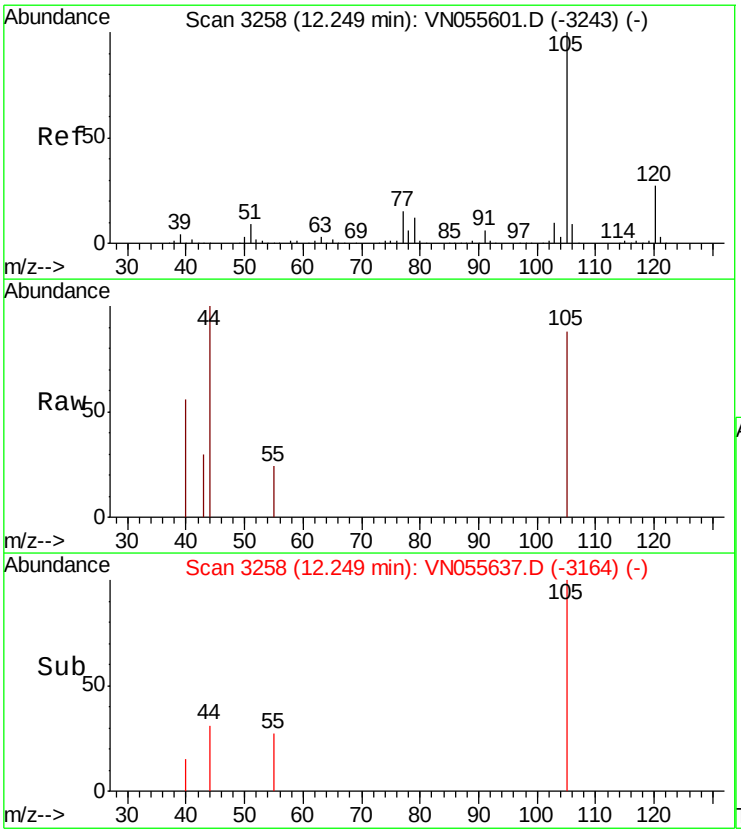
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 208800

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.1	84.2
150	155.5	0.0	348.0

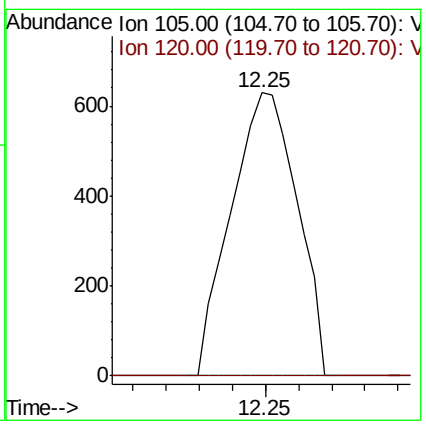


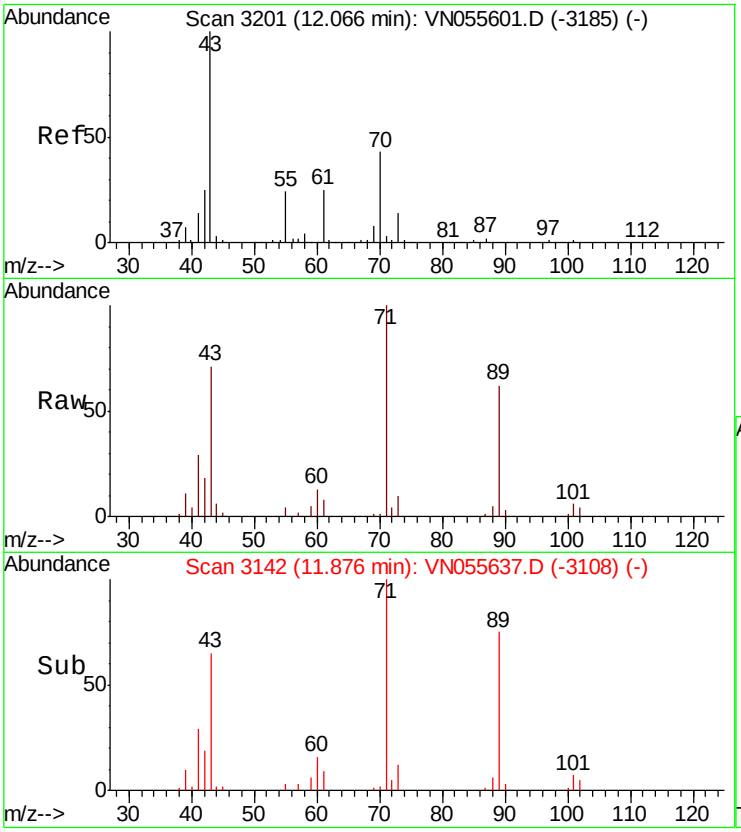


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:105 Resp: 873

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#



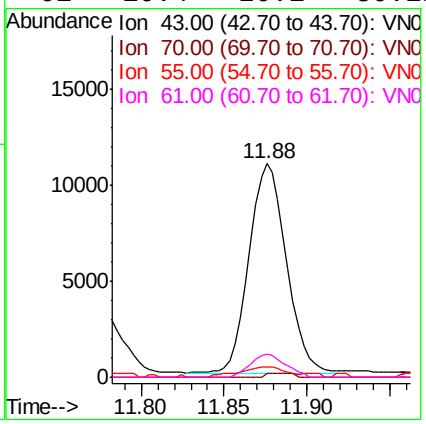


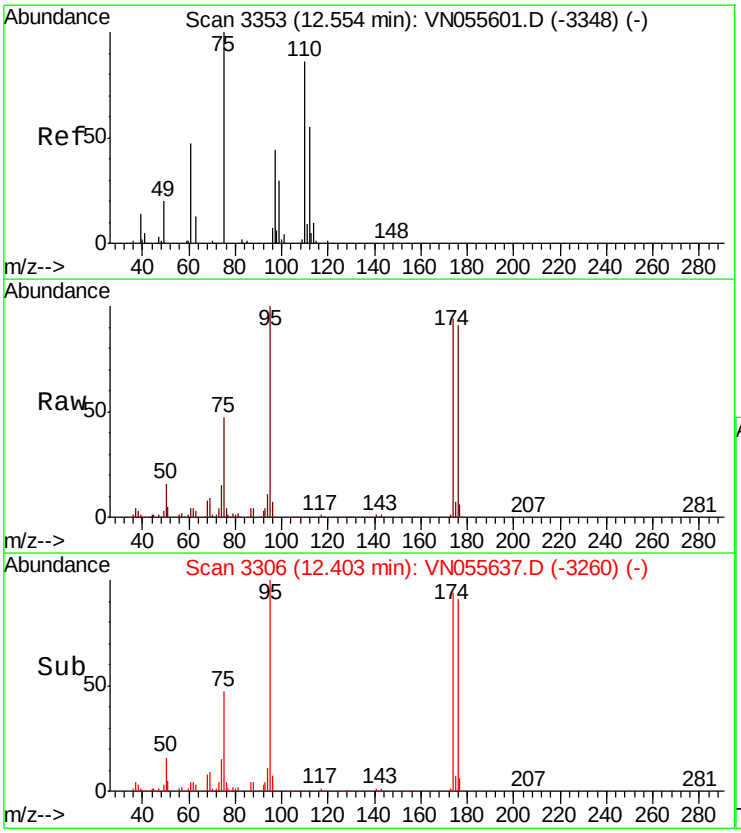
#74
N-amyl acetate
Concen: 2.912 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 17071

Ion	Ratio	Lower	Upper
43	100		
70	1.4	35.0	52.6#
55	6.1	18.9	28.3#
61	10.4	20.1	30.1#

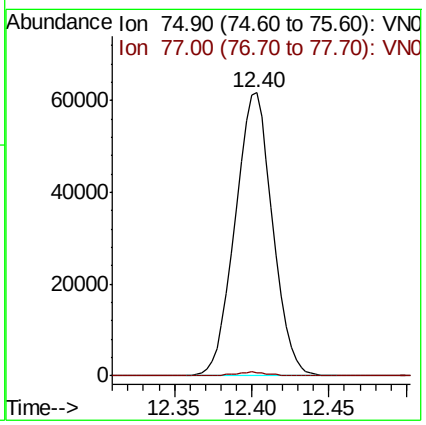


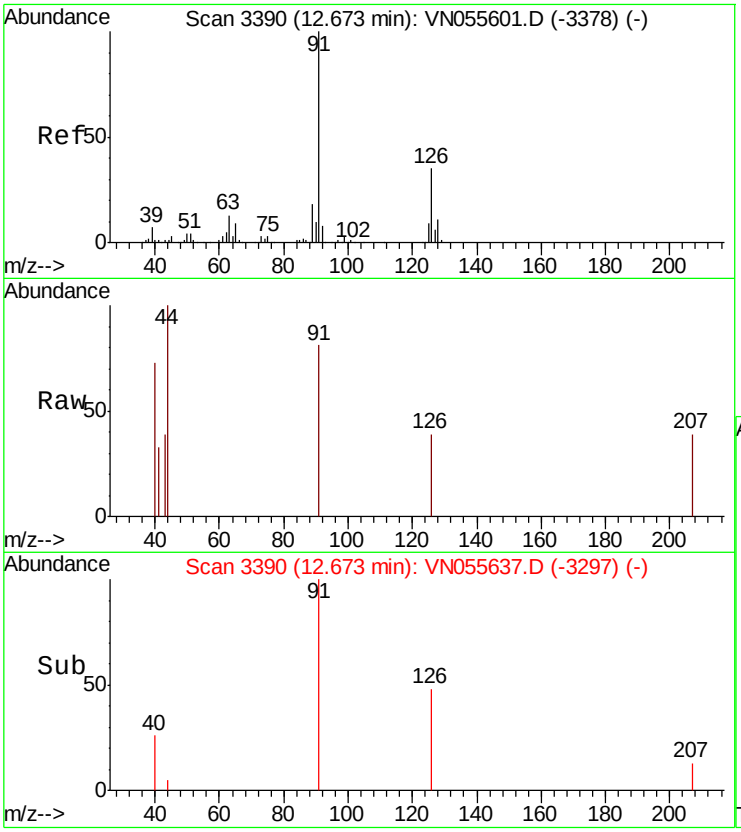


#76
1,2,3-Trichloropropane
Concen: 24.356 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 75 Resp: 103772

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



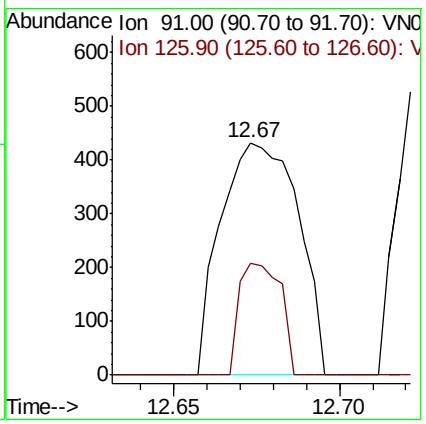


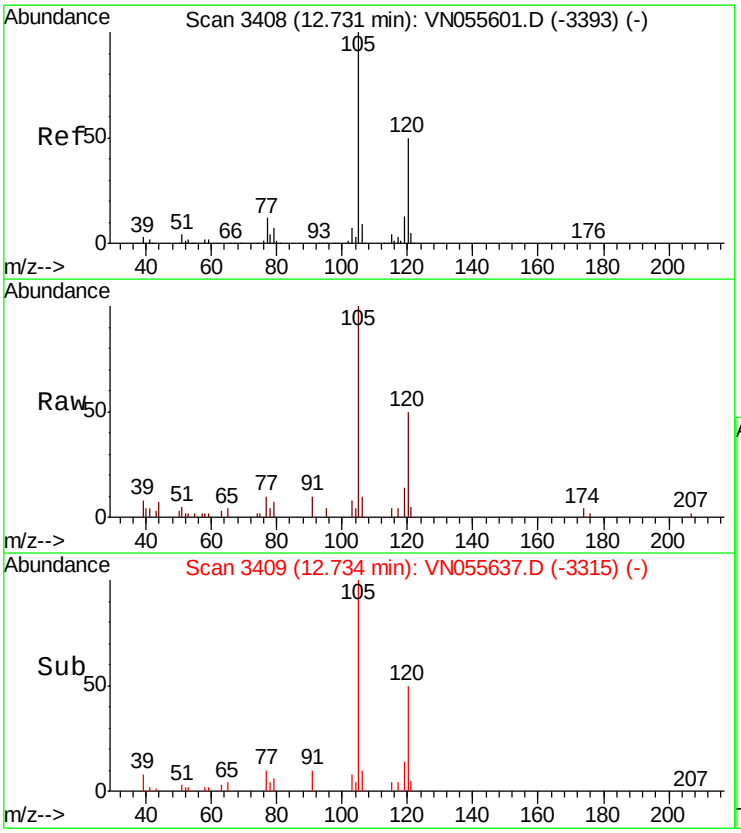
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 704

Ion	Ratio	Lower	Upper
91	100		
126	25.7	17.8	53.4

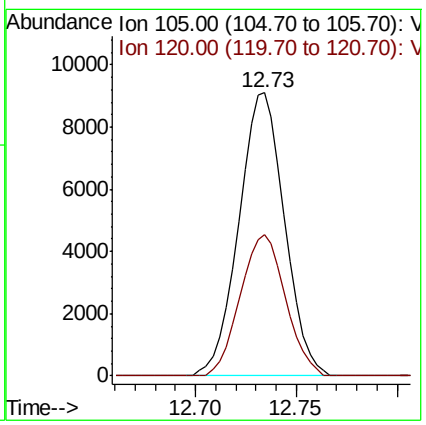


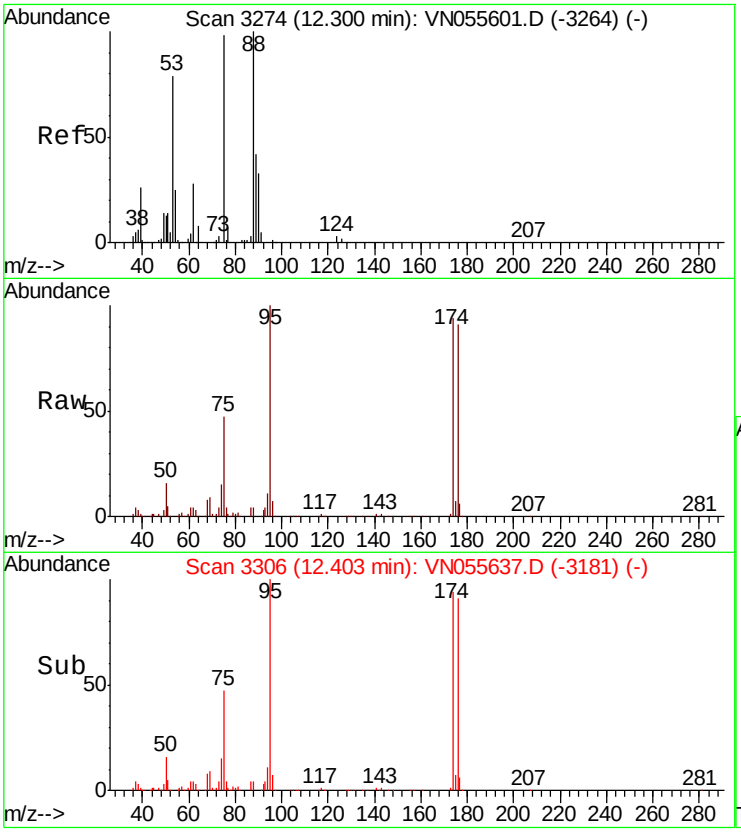


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:105 Resp: 14411

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.6	74.0



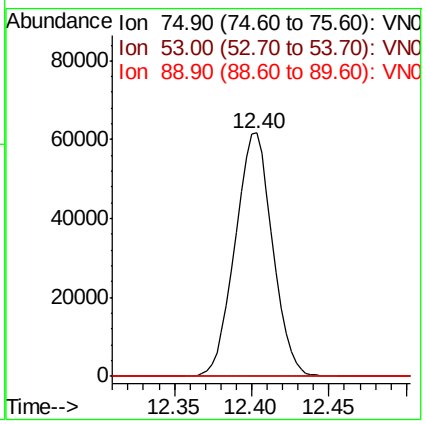


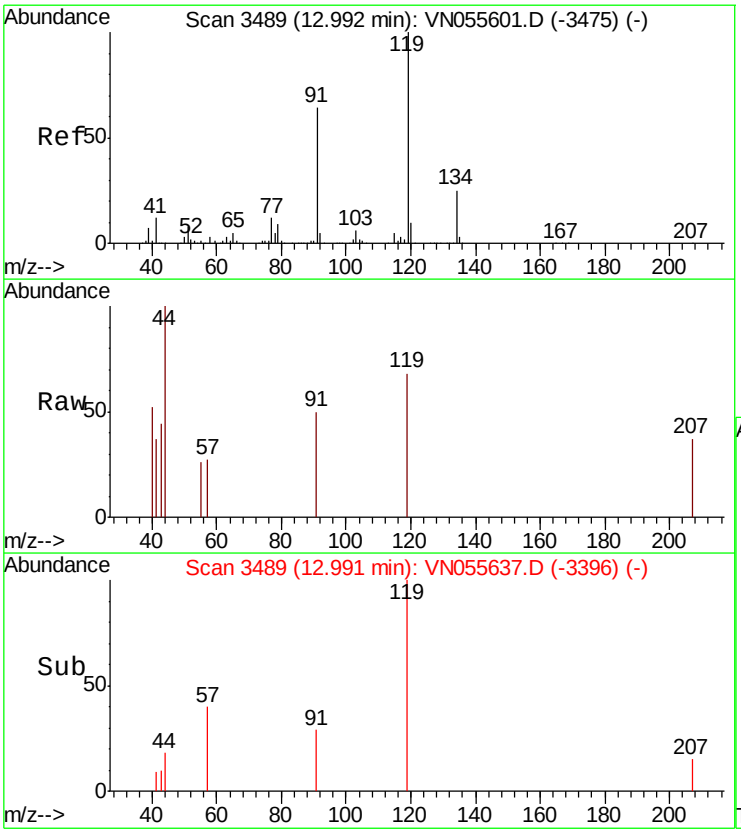
#81
trans-1,4-Dichloro-2-butene
Concen: 62.610 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 103772

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

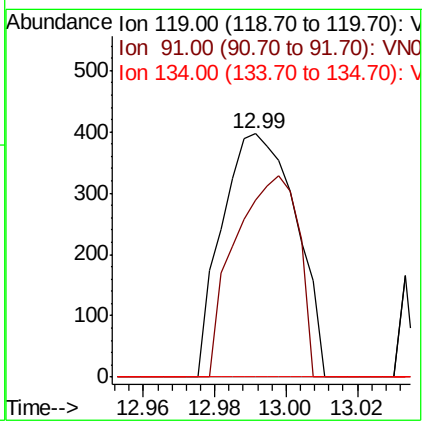


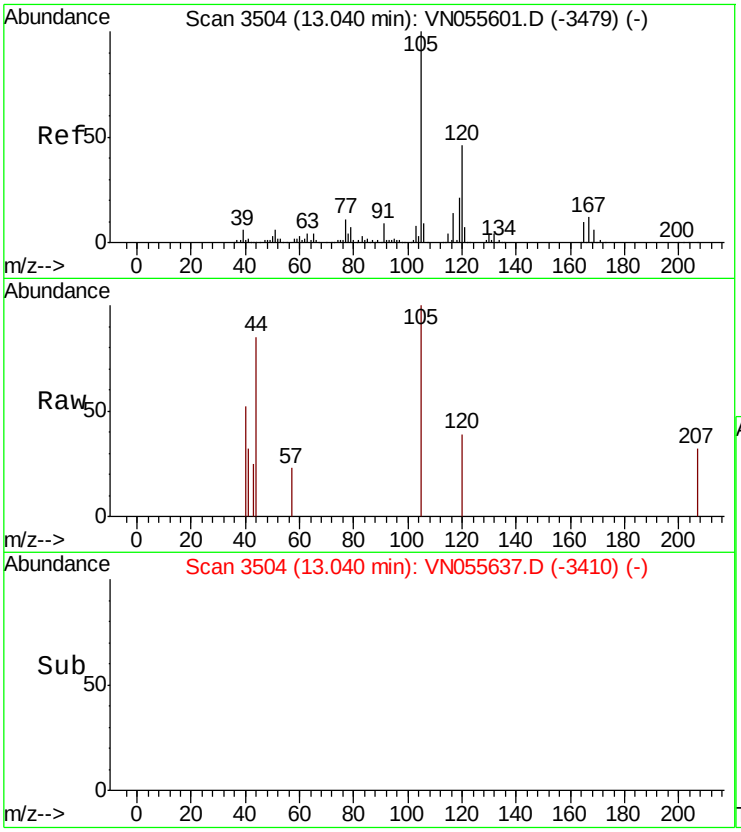


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:119 Resp: 566

Ion	Ratio	Lower	Upper
119	100		
91	71.6	31.3	93.8
134	0.0	13.2	39.6#



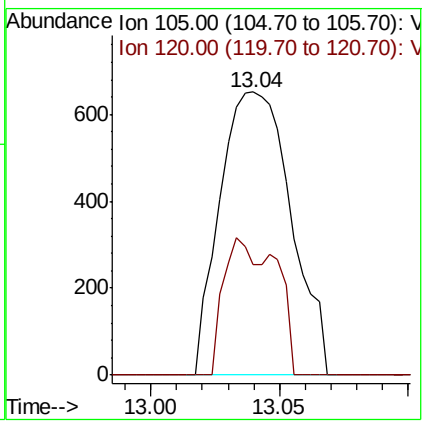


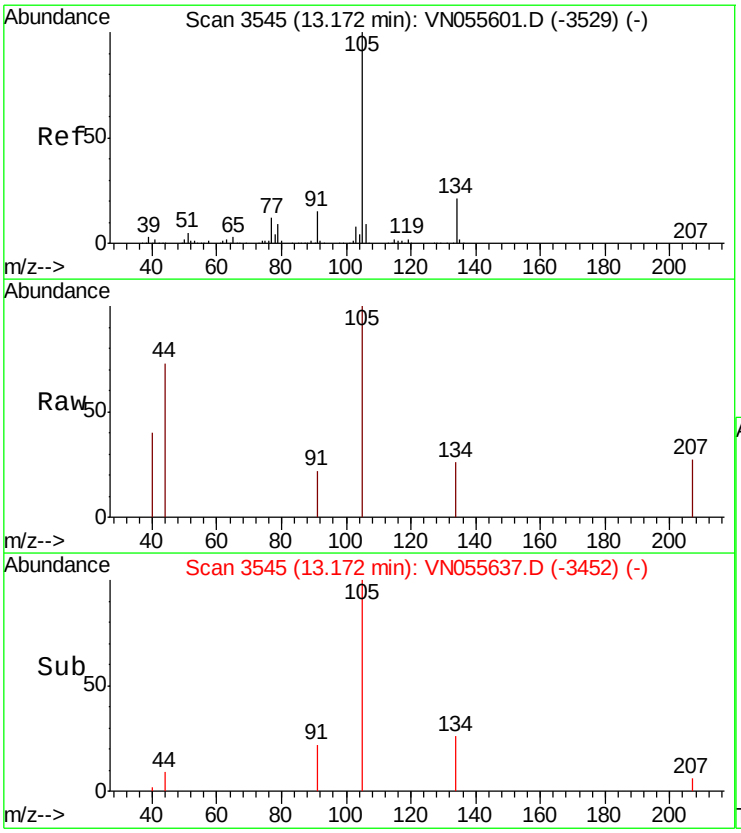
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1251

Ion	Ratio	Lower	Upper
105	100		
120	24.2	23.1	69.2

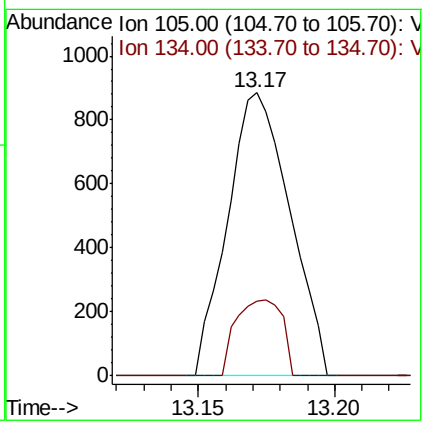


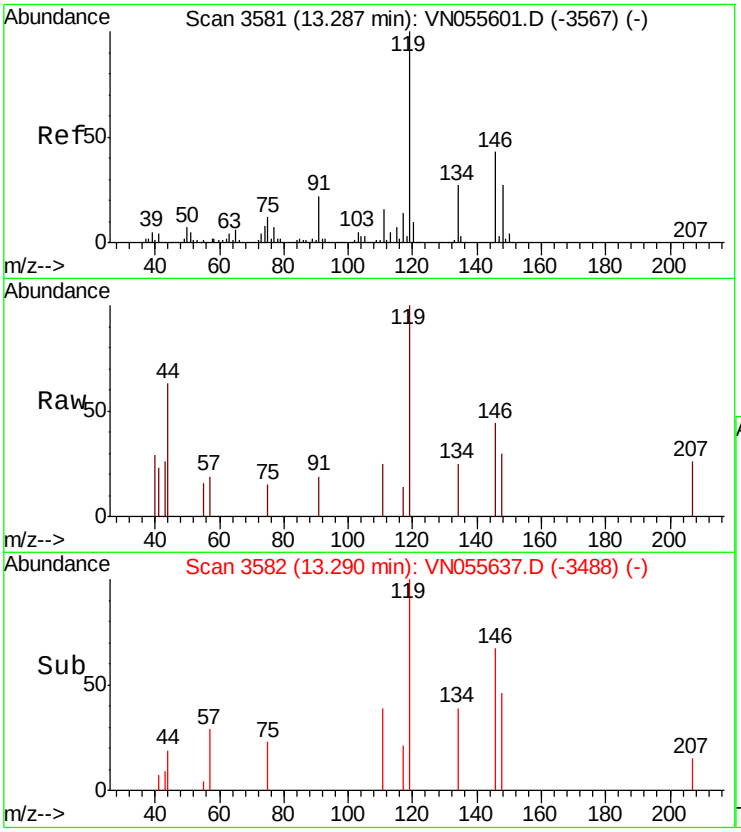


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:105 Resp: 1403

Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.3	30.9



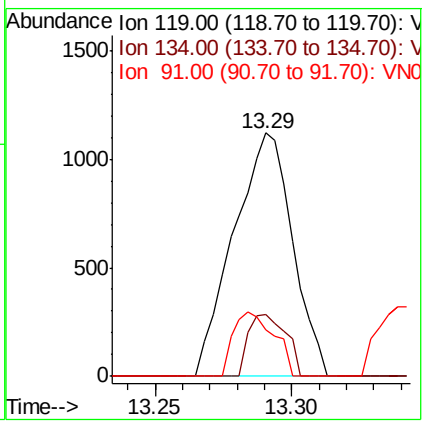


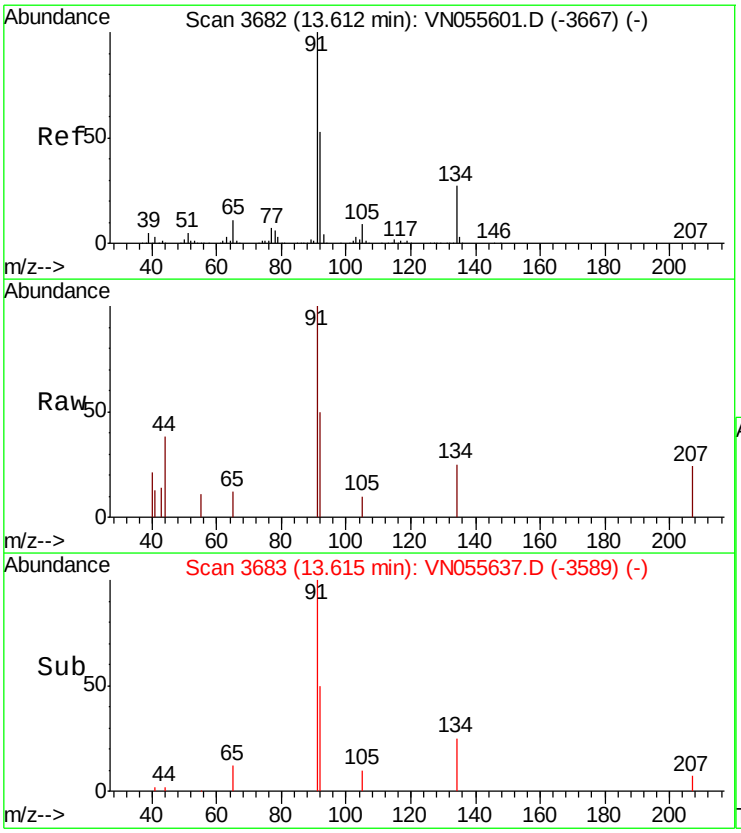
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 1674

Ion	Ratio	Lower	Upper
119	100		
134	15.9	13.4	40.2
91	18.2	11.0	33.0

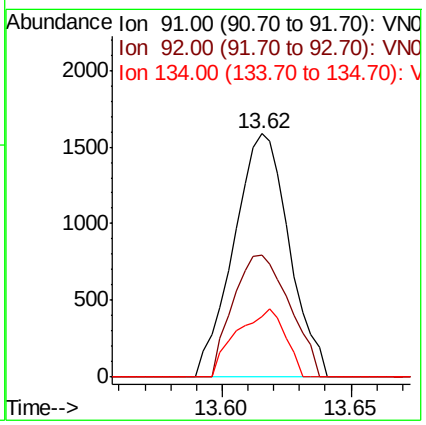


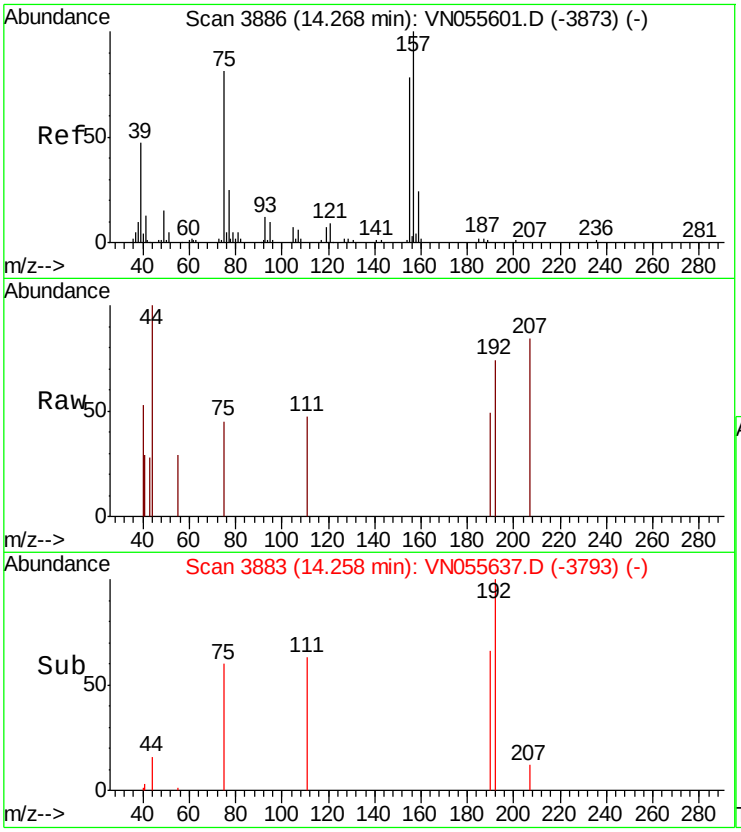


#89
n-Butylbenzene
Concen: 0.208 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion: 91 Resp: 2379

Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.4	79.0
134	24.6	13.7	41.1



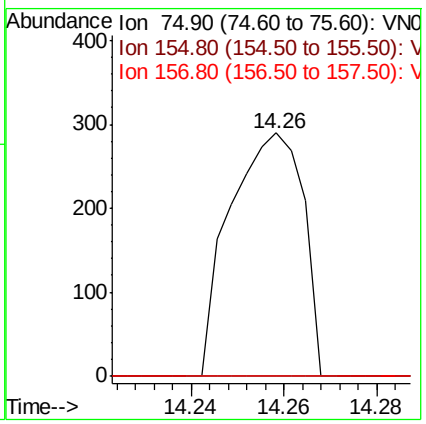


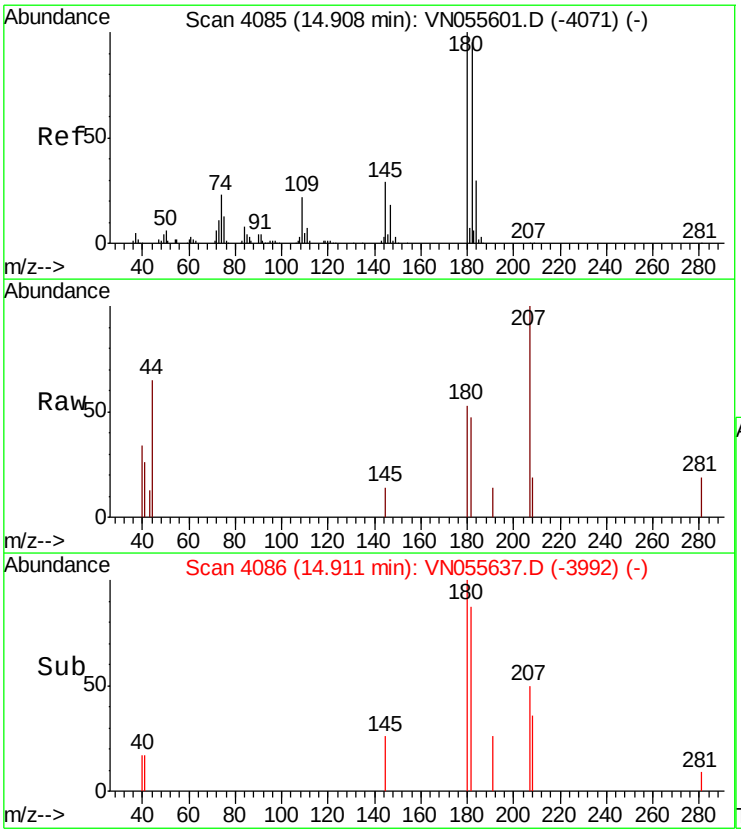
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.336 ug/l
RT: 14.26 min Scan# 3883
Delta R.T. -0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 318

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.4	145.0#
157	0.0	62.3	186.8#

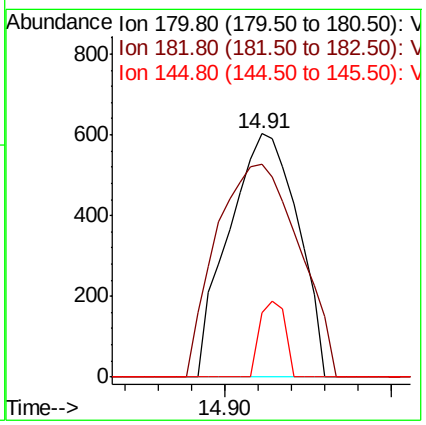


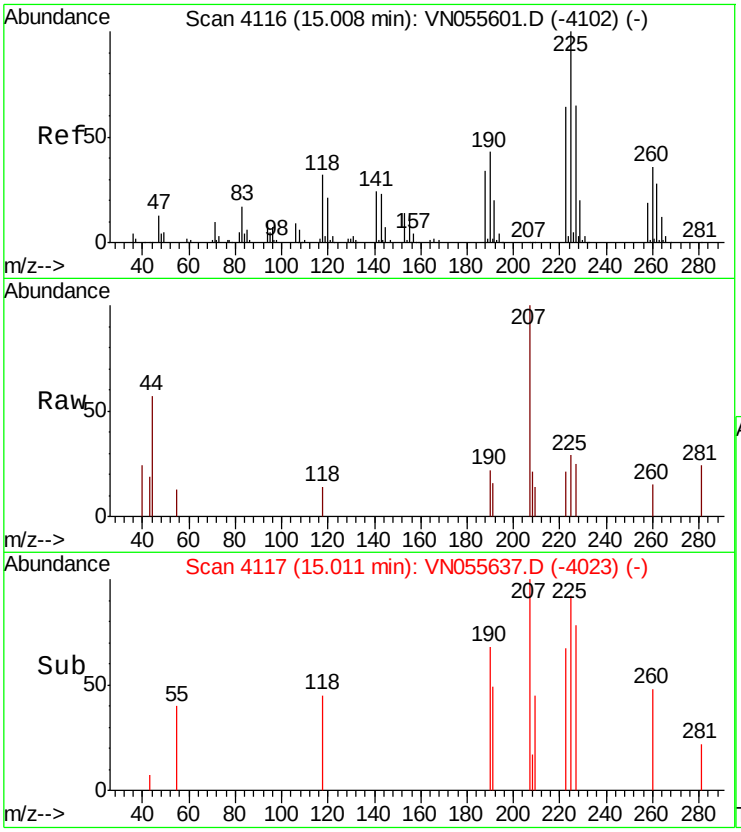


#93
1,2,4-Trichlorobenzene
Concen: 0.242 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:180 Resp: 871

Ion	Ratio	Lower	Upper
180	100		
182	105.1	47.9	143.6
145	11.5	14.3	42.9#



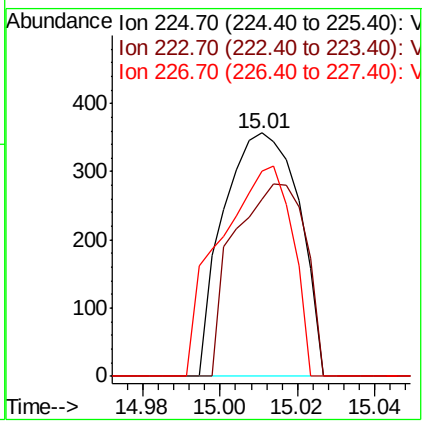


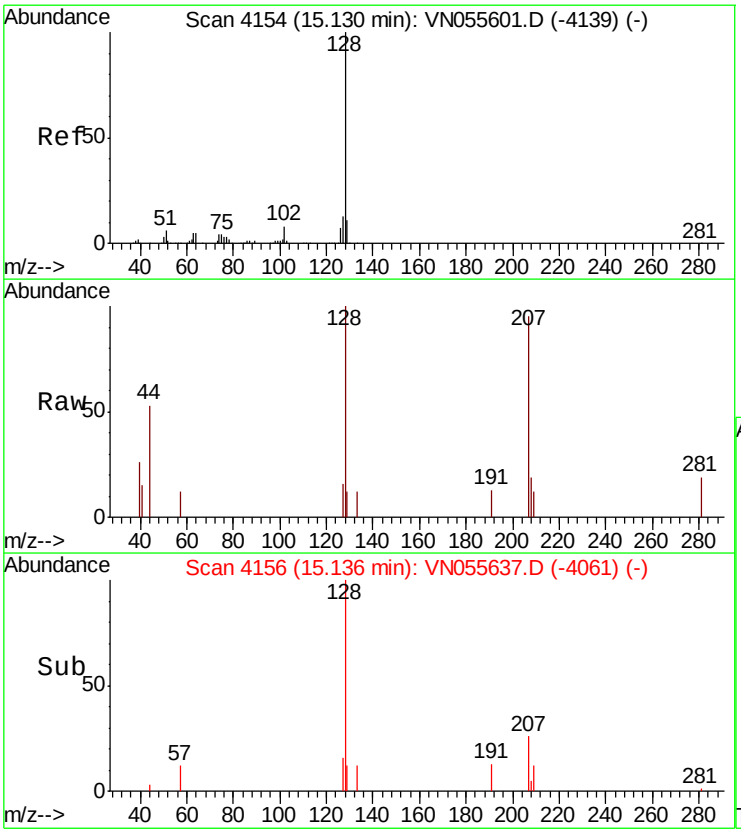
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 483

Ion	Ratio	Lower	Upper
225	100		
223	75.2	31.6	94.7
227	83.0	32.4	97.0

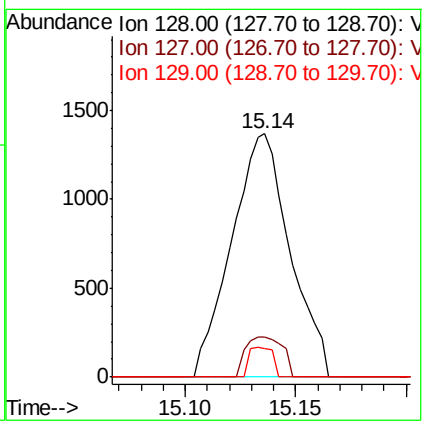


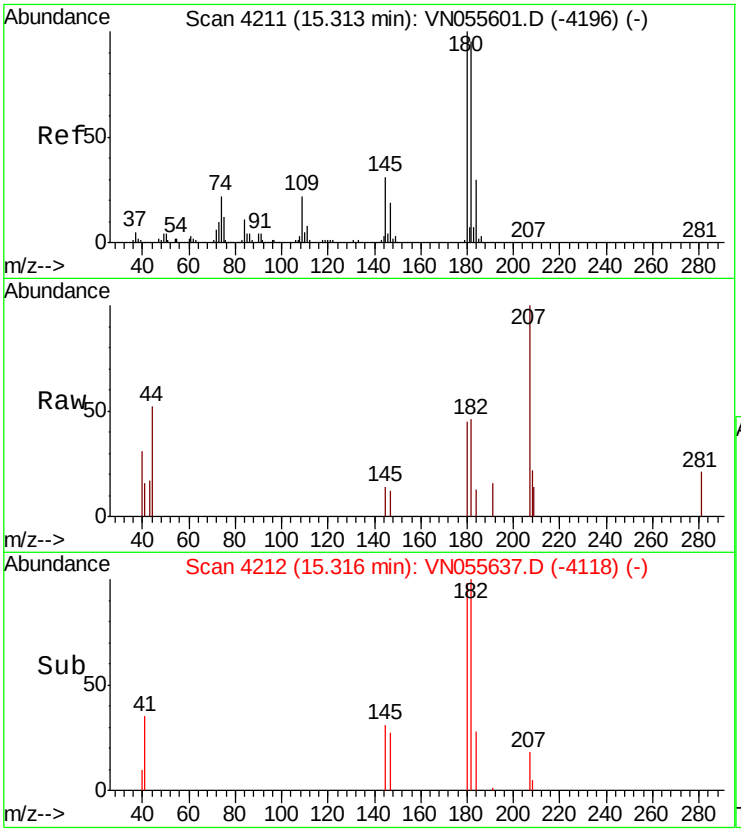


#95
Naphthalene
Concen: 1.988 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Tgt Ion:128 Resp: 2521

Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.2	15.4
129	5.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.245 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN055637.D
Acq: 18 May 2019 2:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 923

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.9	143.6
145	21.3	15.4	46.1