Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055609.D
Acq On : 17 May 2019 14:48
Operator : JC/SP
Sample : K2902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 18 03:08:55 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	403316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192601	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.12%			
35) Dibromofluoromethane	7.59	113	178028	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
50) Toluene-d8	10.09	98	674805	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
62) 4-Bromofluorobenzene	12.40	95	214261	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.74%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.77	59	332	0.403	ug/l #	67
13) Acrolein	3.63	56	264	1.986	ug/l	93
16) Acetone	3.82	43	12057	6.683	ug/l	91
17) Carbon Disulfide	4.06	76	2496	0.244	ug/l #	75
20) Methylene Chloride	4.56	84	1041	0.253	ug/l	92
25) 2-Butanone	6.85	43	821	0.325	ug/l	92
29) Tetrahydrofuran	7.23	42	1874	1.121	ug/l #	75
31) Cyclohexane	7.67	56	6911	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25300	4.929	ug/l #	48
37) Ethyl Acetate	6.86	43	1123	0.242	ug/l #	67
38) Carbon Tetrachloride	7.67	117	34427	6.277	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	1877	0.397	ug/l #	84
65) Chlorobenzene	11.44	112	3198	0.326	ug/l	96
71) Bromoform	12.40	173	1412	0.422	ug/l #	1
73) Isopropylbenzene	12.25	105	430	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.57	83	30	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	99258	26.344	ug/l #	100
79) 2-Chlorotoluene	12.67	91	340	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	434	Below Cal	#	28
81) trans-1,4-Dichloro-2-buten	12.40	75	99258	67.719	ug/l #	17
83) tert-Butylbenzene	12.99	119	201	Below Cal	#	56
84) 1,2,4-Trimethylbenzene	13.04	105	561	Below Cal		65
85) sec-Butylbenzene	13.17	105	637	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	823	Below Cal	#	70
94) Hexachlorobutadiene	15.01	225	61	Below Cal	#	18
95) Naphthalene	15.14	128	1438	1.909	ug/l #	69

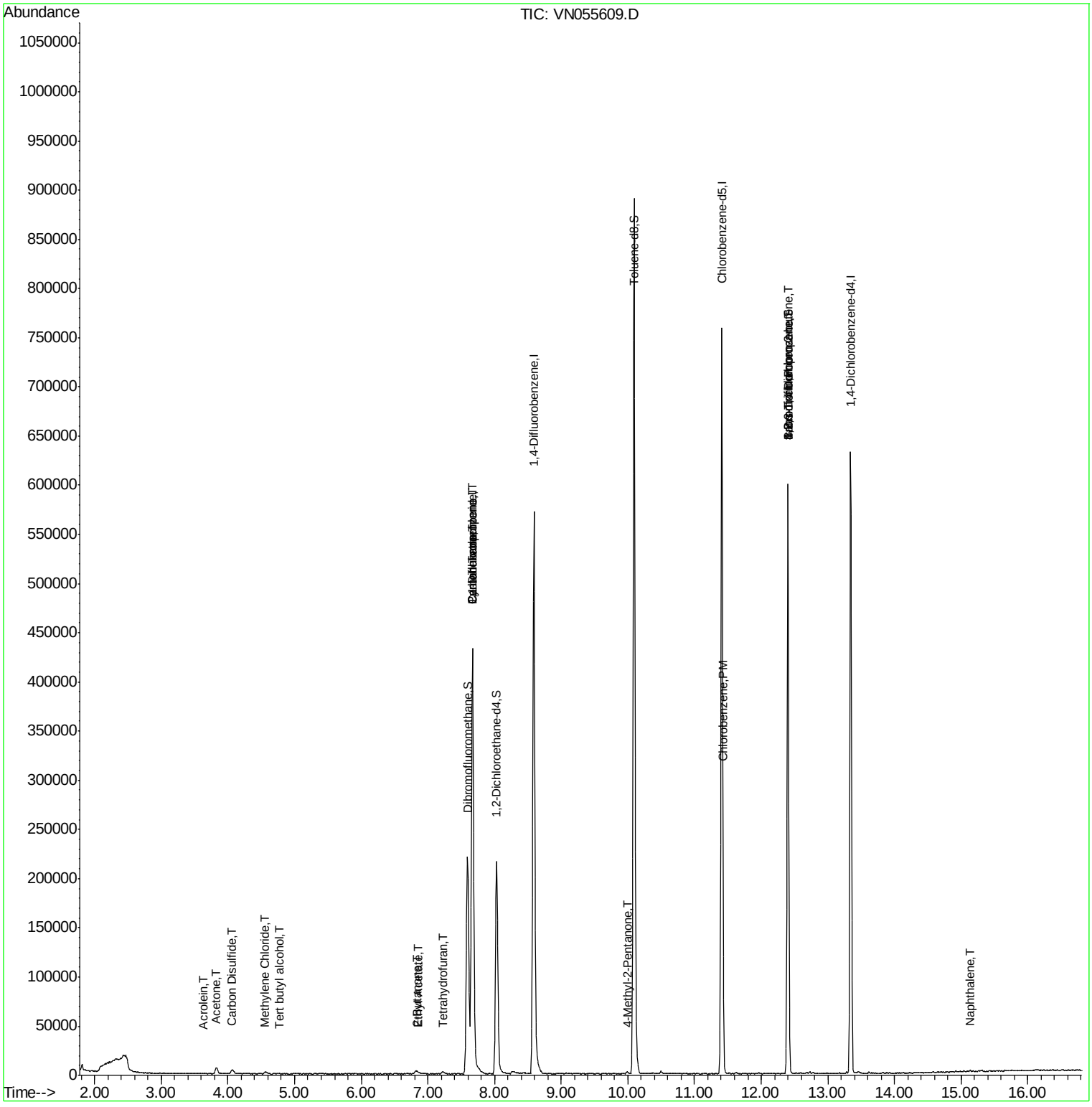
(#) = qualifier out of range (m) = manual integration (+) = signals summed

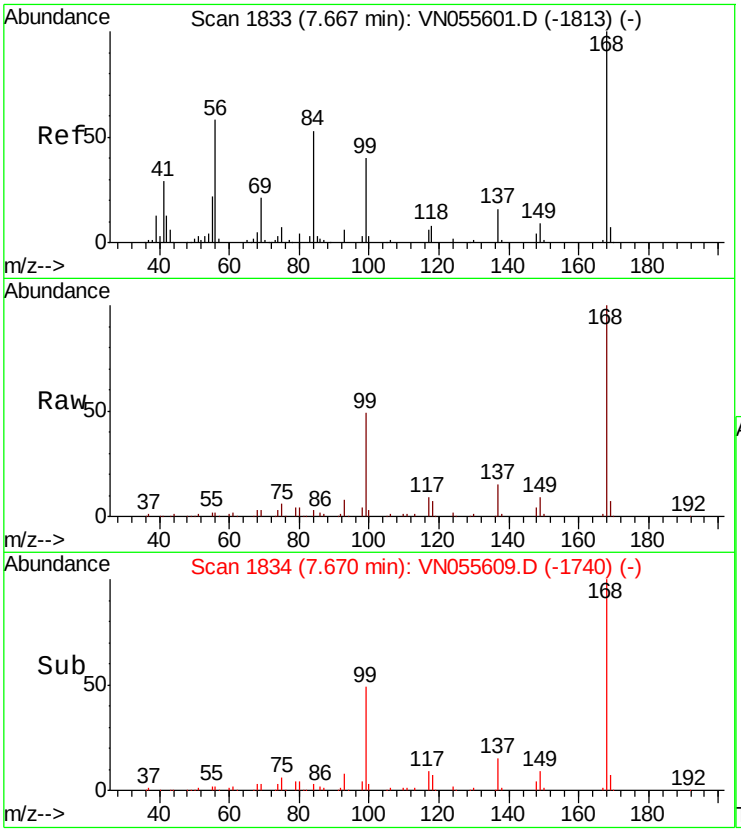
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Data File : VN055609.D
Acq On : 17 May 2019 14:48
Operator : JC/SP
Sample : K2902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 18 03:08:55 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



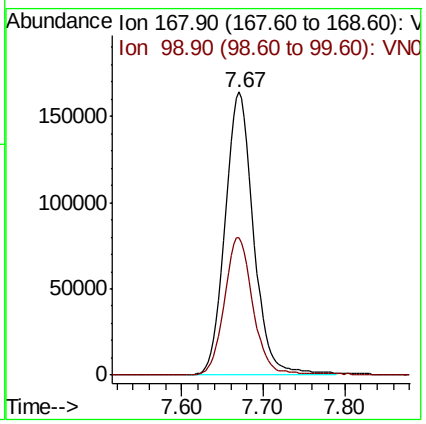


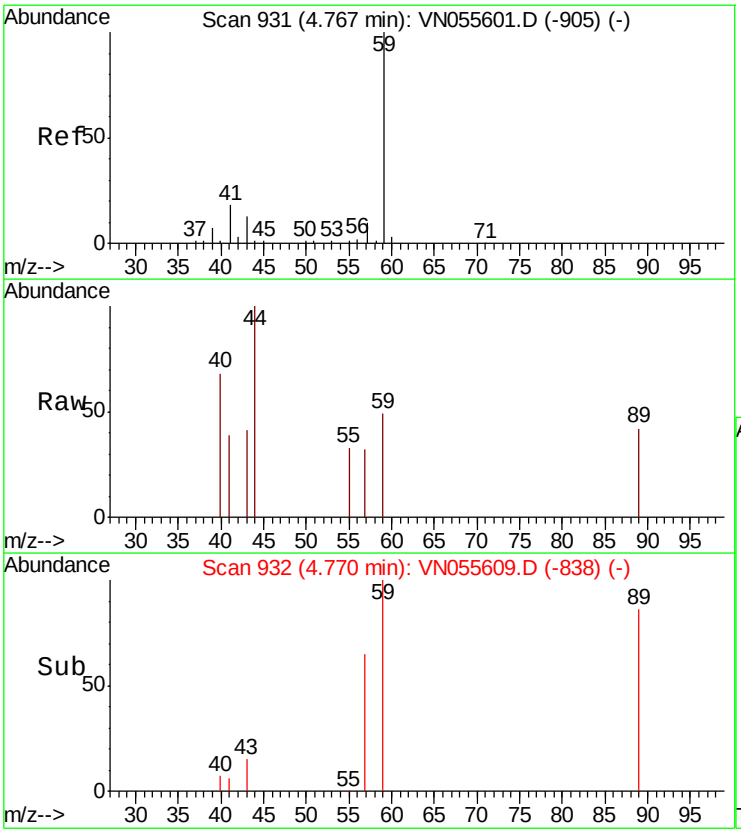
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 403316

Ion	Ratio	Lower	Upper
168	100		
99	48.5	40.2	60.2

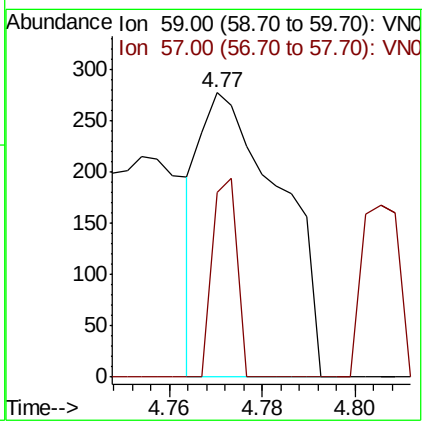


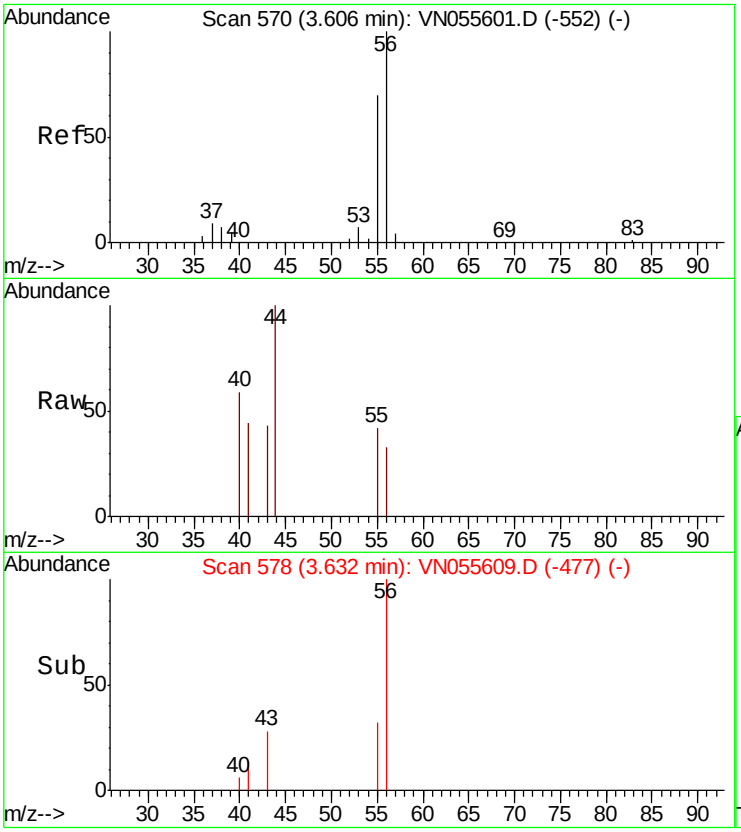


#11
Tert butyl alcohol
Concen: 0.403 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 59 Resp: 332

Ion	Ratio	Lower	Upper
59	100		
57	21.7	7.8	11.6#



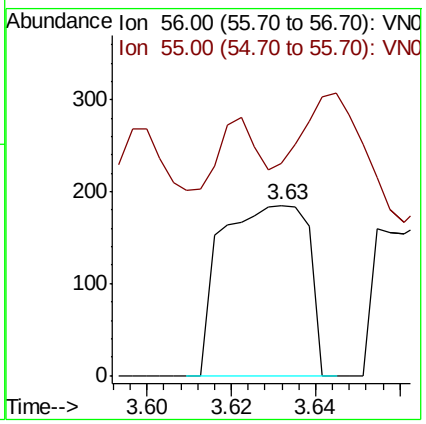


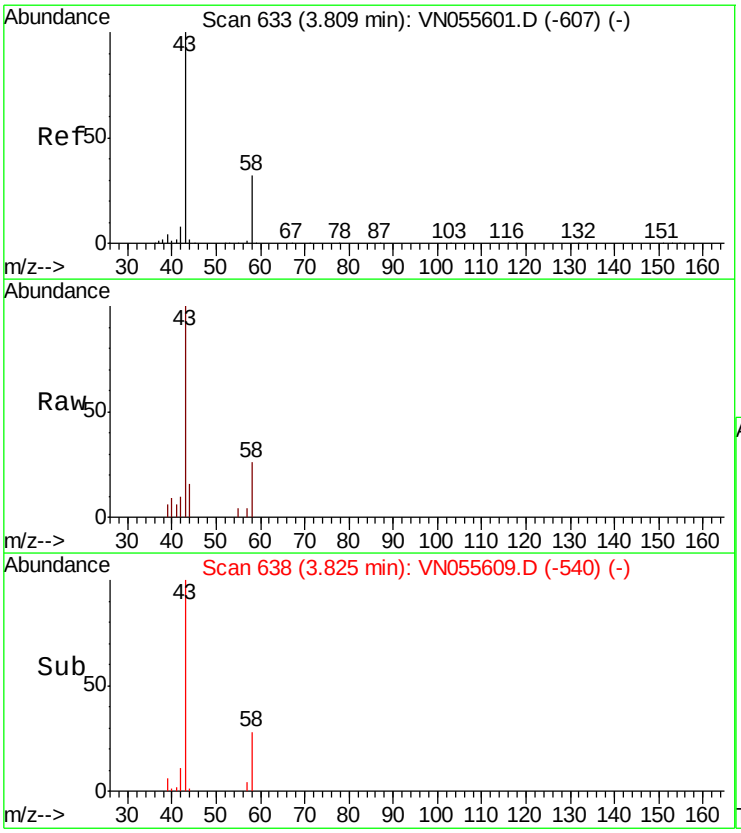
#13
Acrolein
Concen: 1.986 ug/l
RT: 3.63 min Scan# 578
Delta R.T. 0.03 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion	Ratio	Lower	Upper
56	100		
55	64.8	56.5	84.7

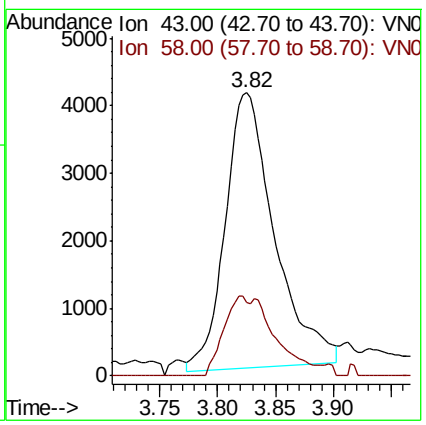


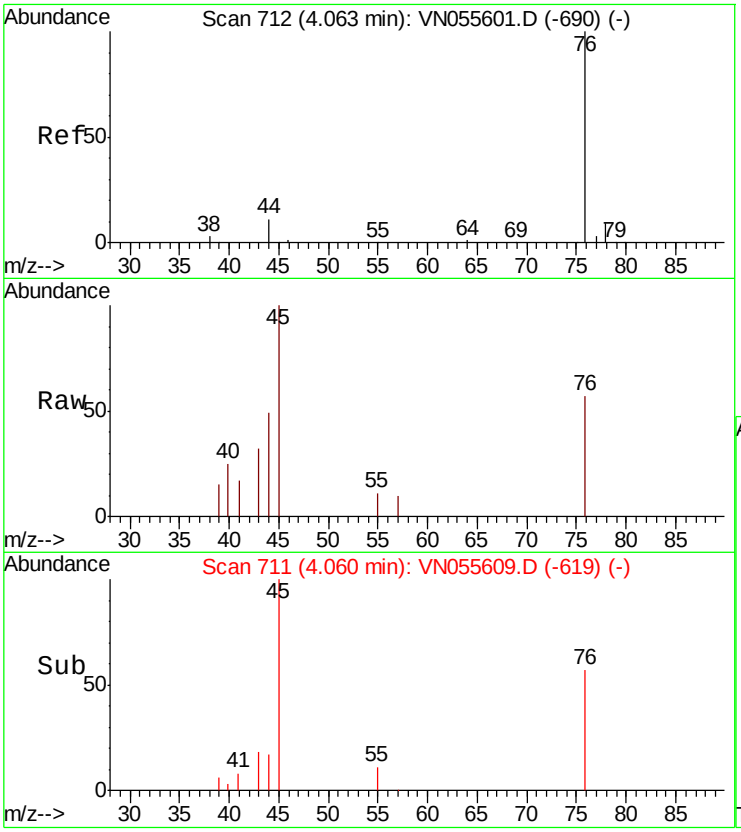


#16
Acetone
Concen: 6.683 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.02 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 43 Resp: 12057

Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.0	39.0



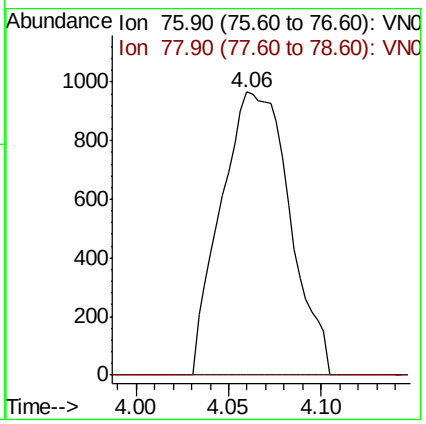


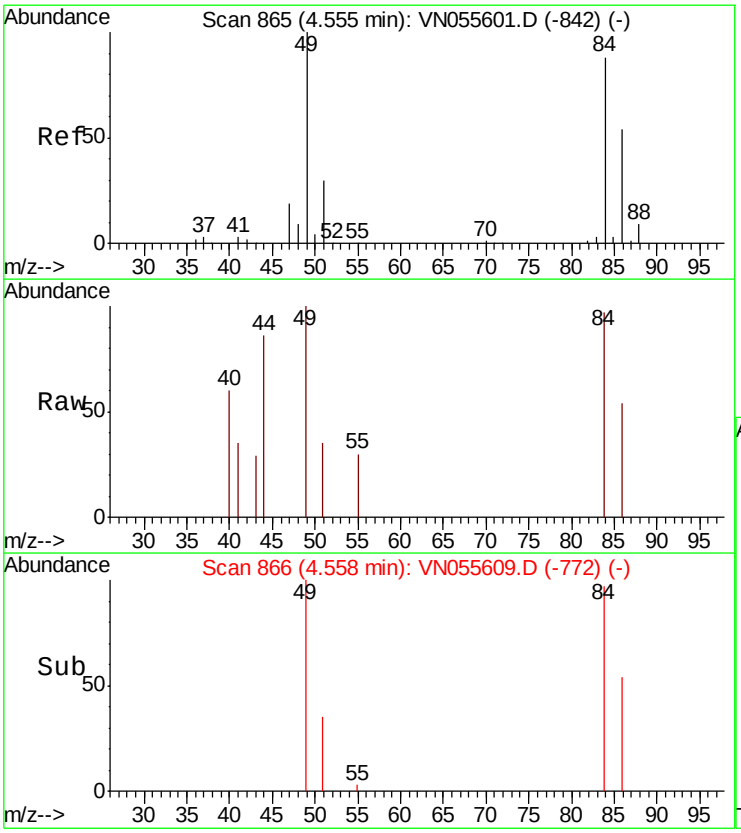
#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 2496

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

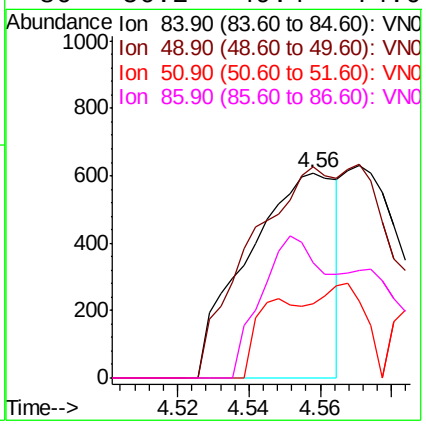


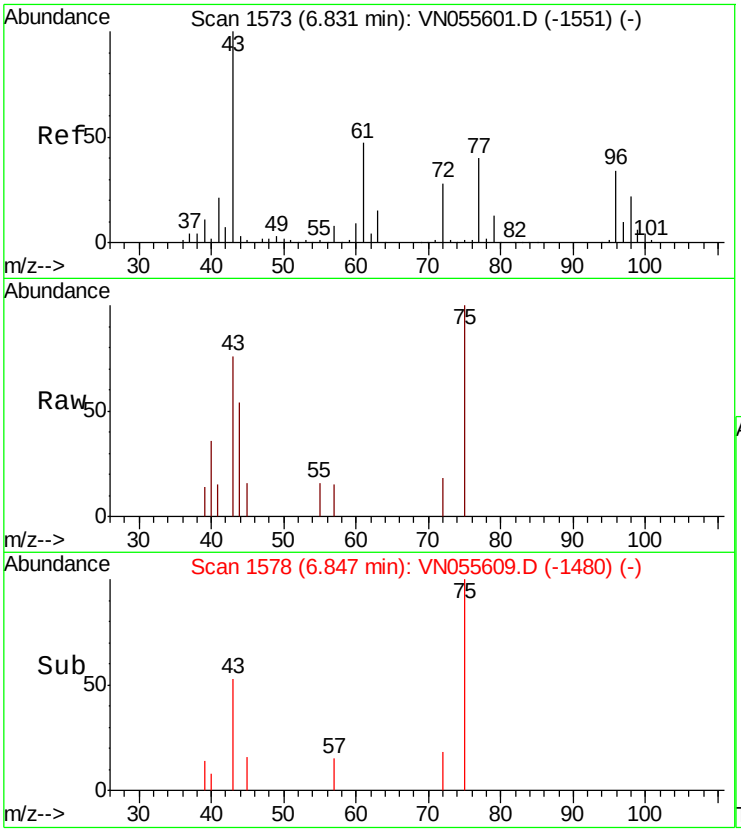


#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 84 Resp: 1041

Ion	Ratio	Lower	Upper
84	100		
49	103.1	91.0	136.4
51	36.0	27.5	41.3
86	56.2	49.4	74.0



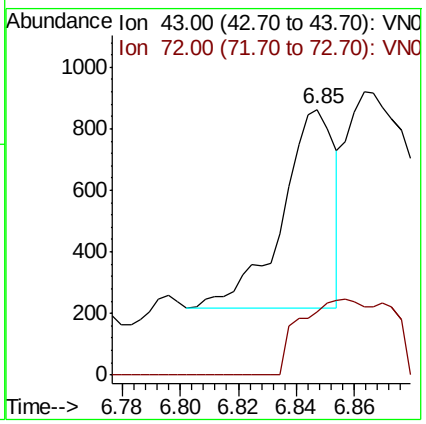


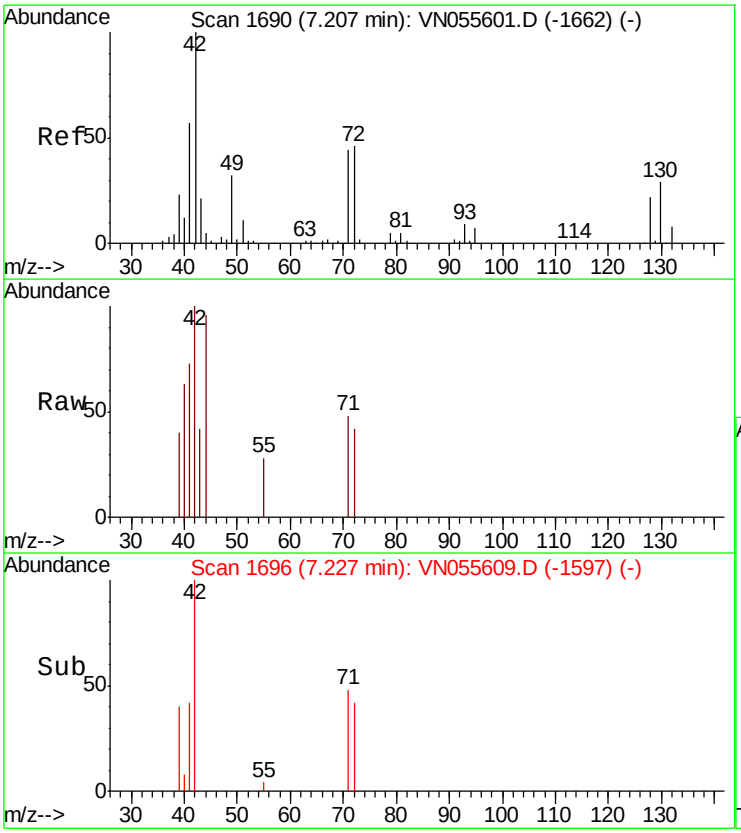
#25
2-Butanone
Concen: 0.325 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 821

Ion	Ratio	Lower	Upper
43	100		
72	31.9	22.3	33.5

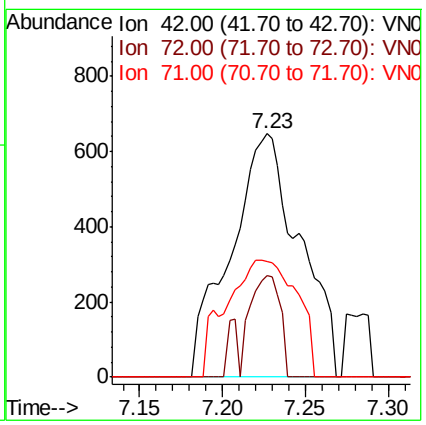


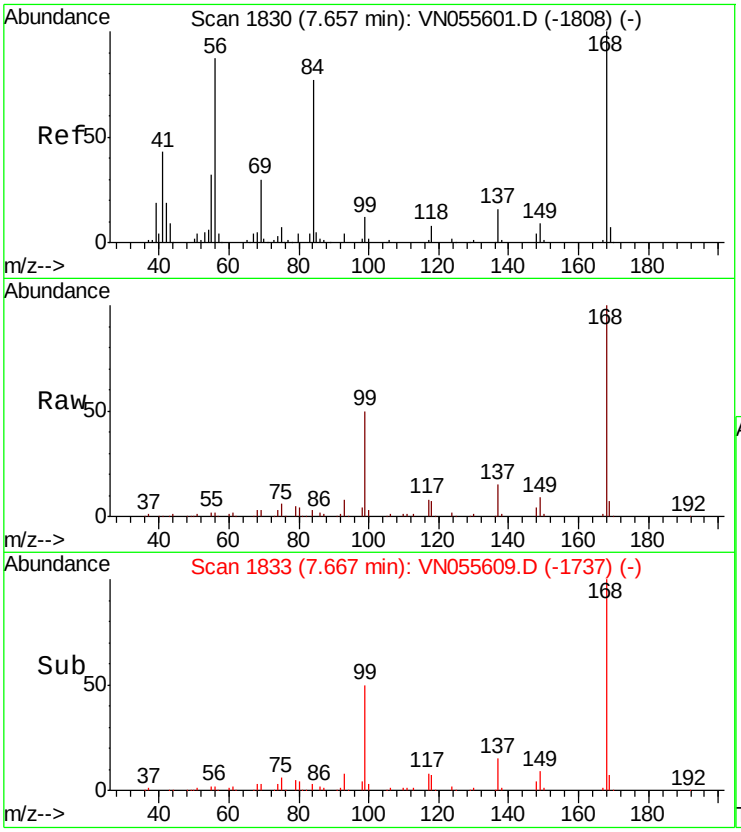


#29
Tetrahydrofuran
Concen: 1.121 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 42 Resp: 1874

Ion	Ratio	Lower	Upper
42	100		
72	18.1	36.5	54.7#
71	49.0	34.9	52.3



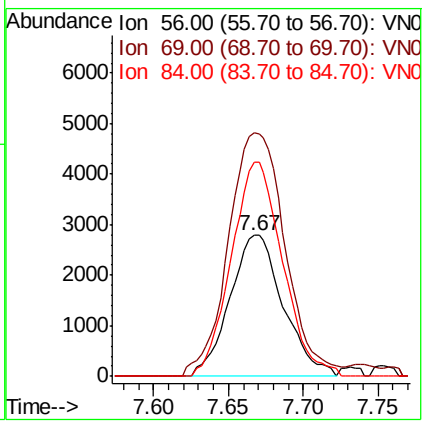


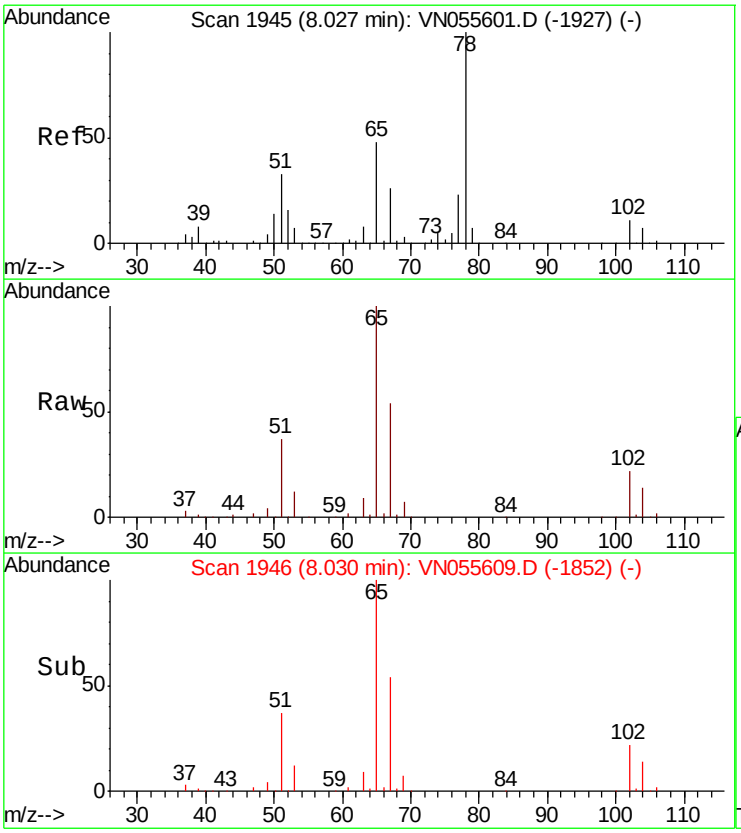
#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 6911

Ion	Ratio	Lower	Upper
56	100		
69	166.1	27.2	40.8#
84	152.3	71.3	106.9#

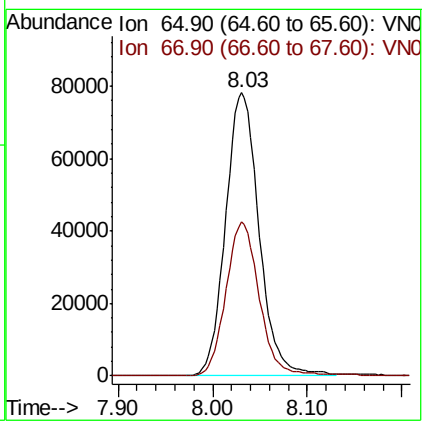


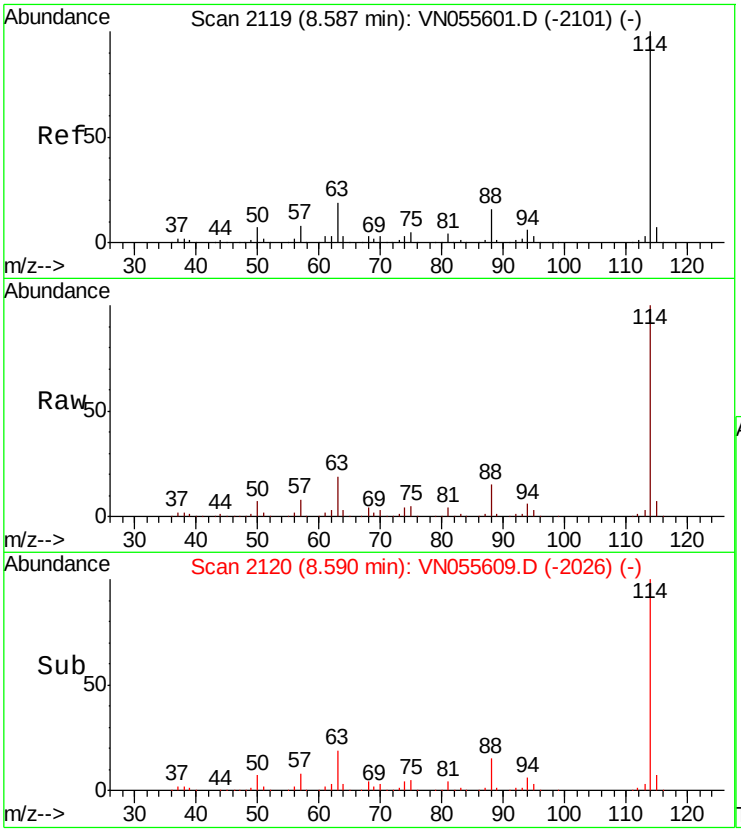


#33
1,2-Dichloroethane-d4
Concen: 43.563 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 65 Resp: 192601

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.6



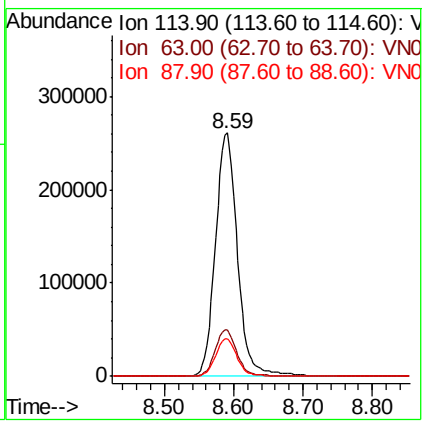


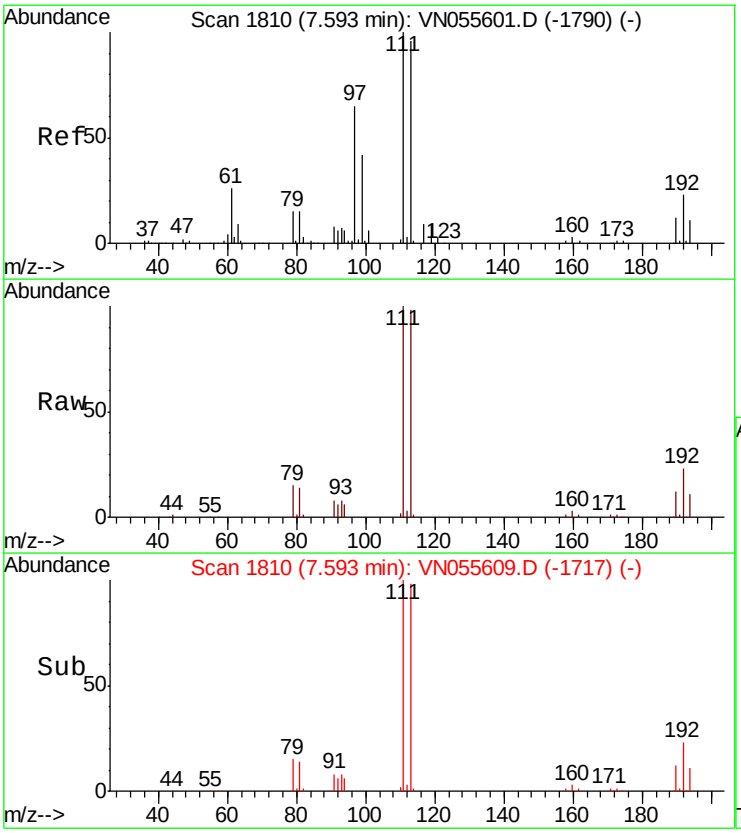
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 575679

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.2
88	15.5	0.0	31.0

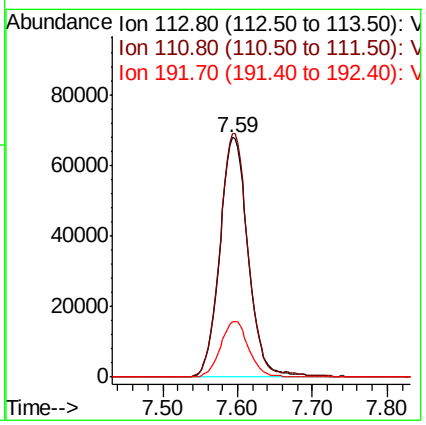


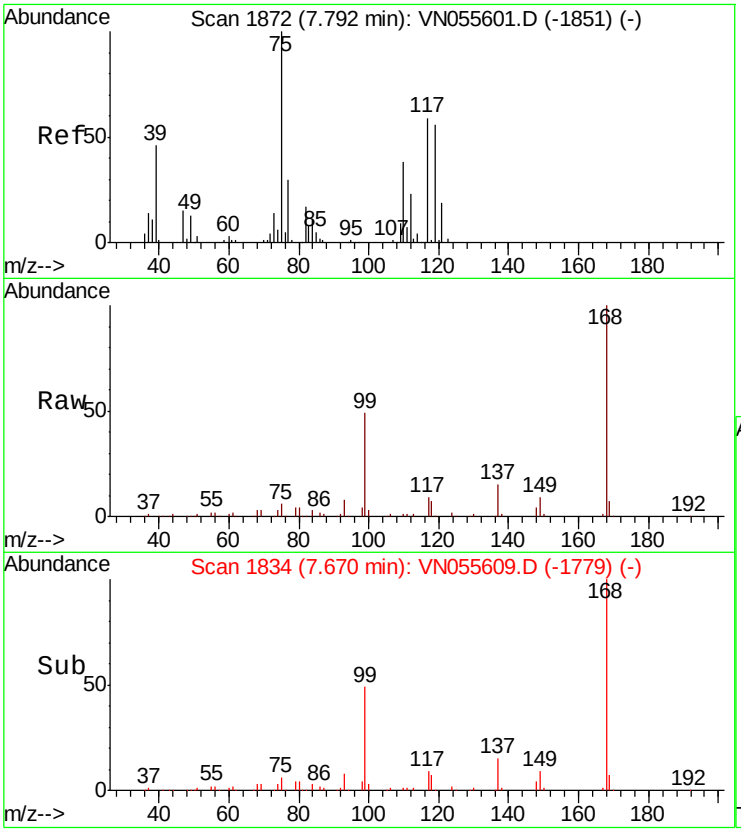


#35
Dibromofluoromethane
Concen: 48.682 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:113 Resp: 178028

Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.5	123.7
192	23.1	18.7	28.1



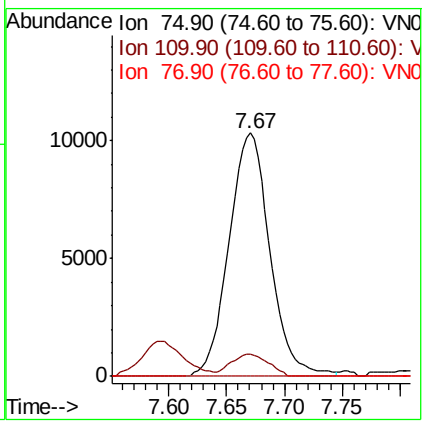


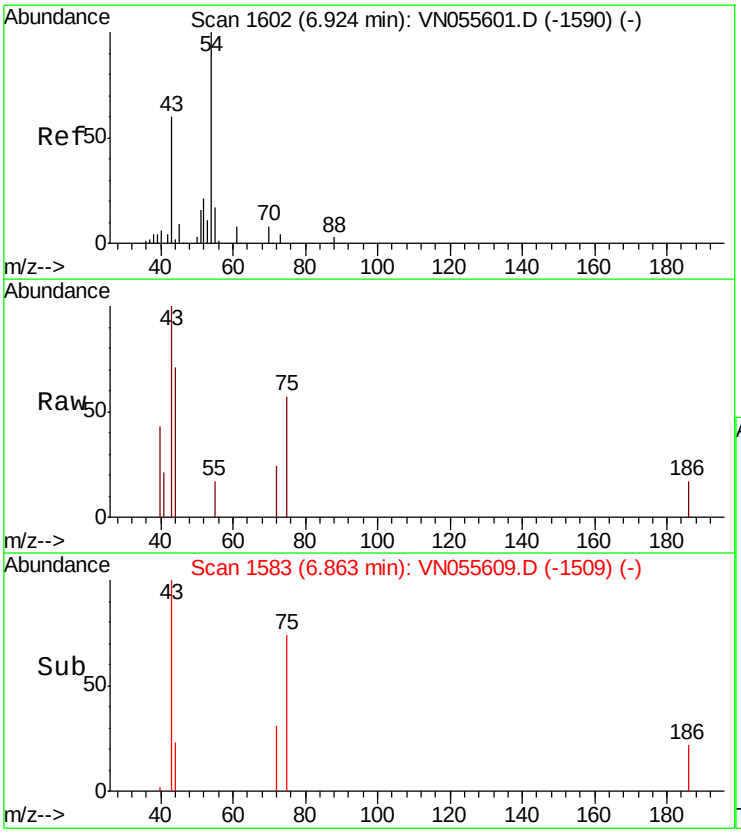
#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 25300

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.6	55.6#
77	0.0	24.9	37.3#

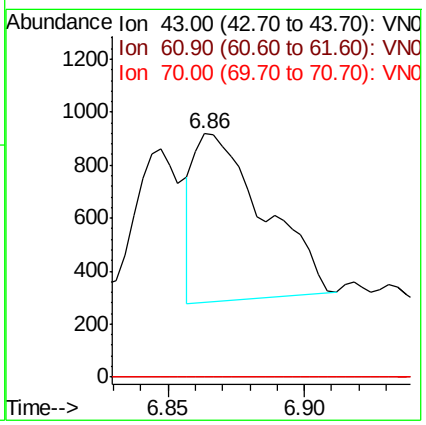


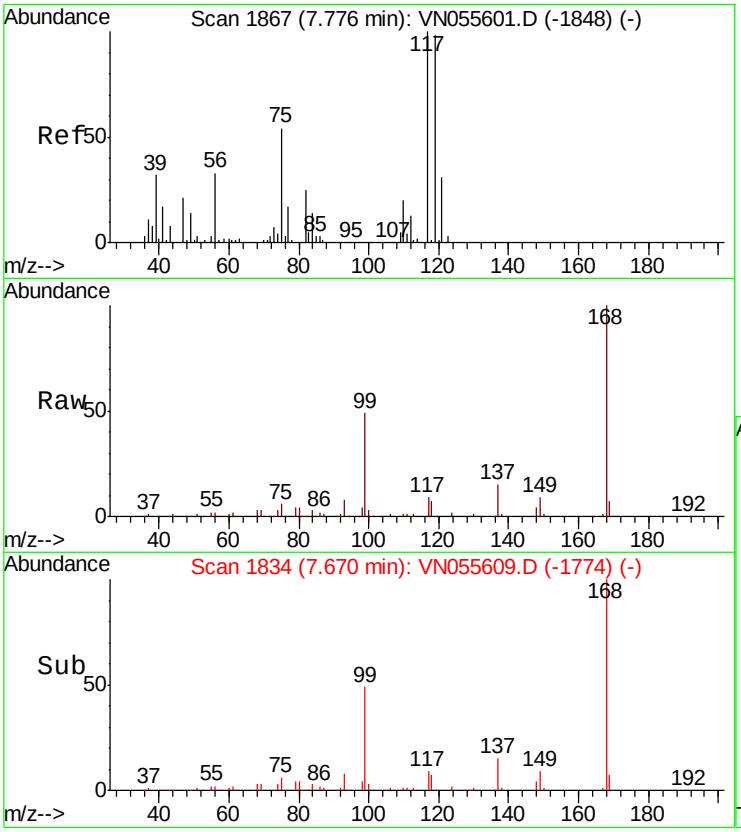


#37
Ethyl Acetate
Concen: 0.242 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. -0.06 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 43 Resp: 1123

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	9.2	13.8#



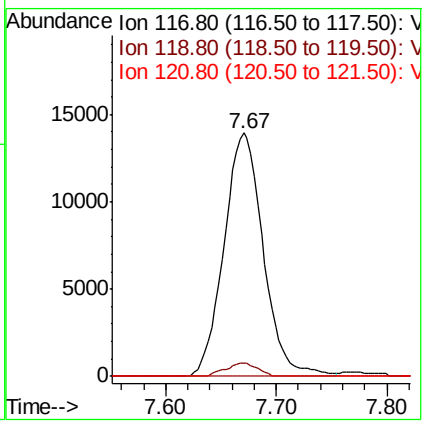


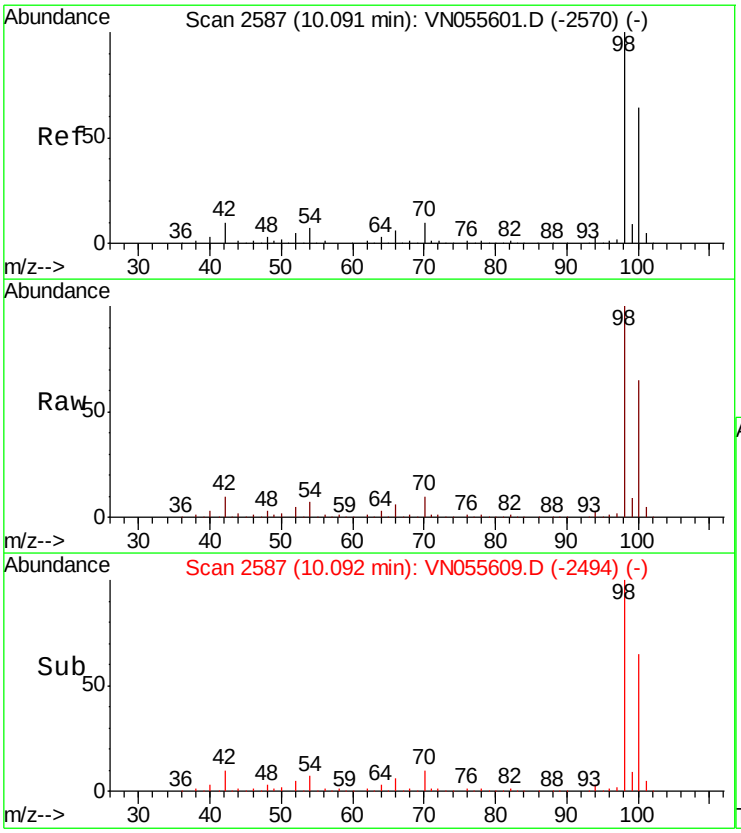
#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 34427

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.8	116.8#
121	0.0	24.6	37.0#

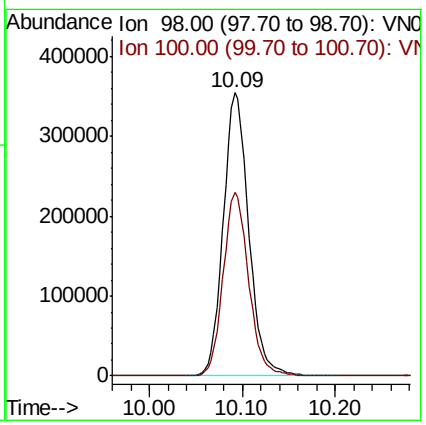


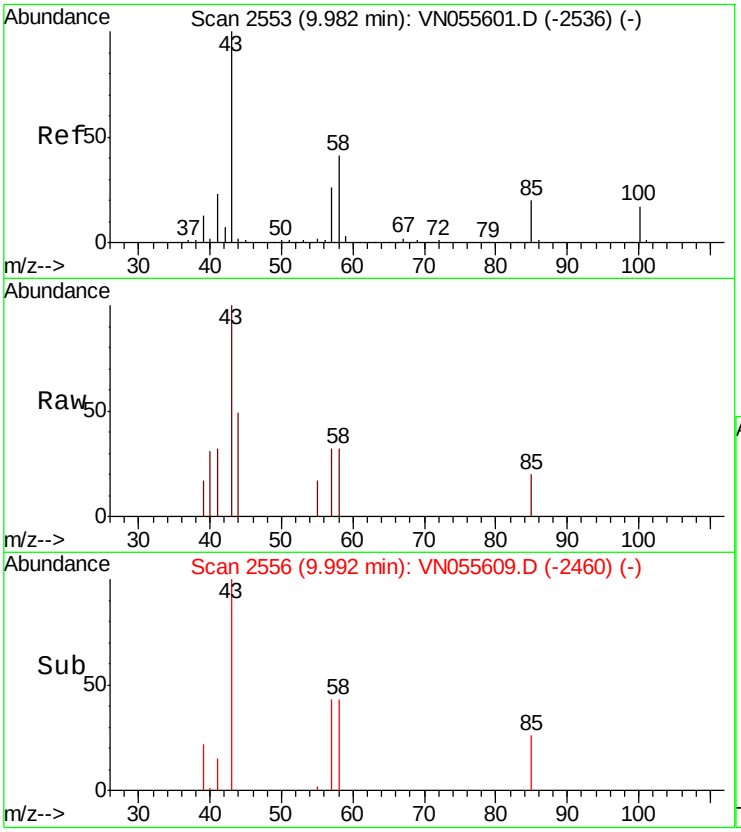


#50
Toluene-d8
Concen: 48.802 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 98 Resp: 674805

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9



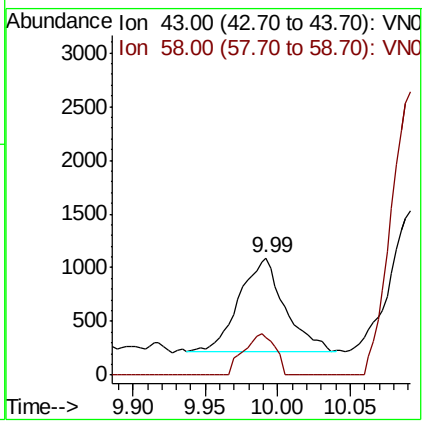


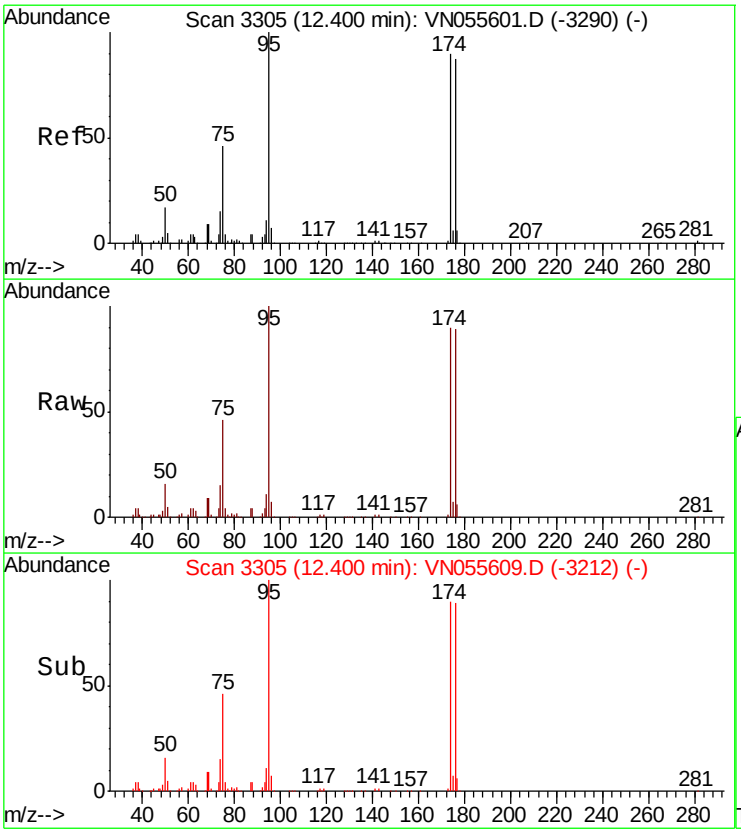
#51
4-Methyl-2-Pentanone
Concen: 0.397 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1877

Ion	Ratio	Lower	Upper
43	100		
58	30.9	32.7	49.1#

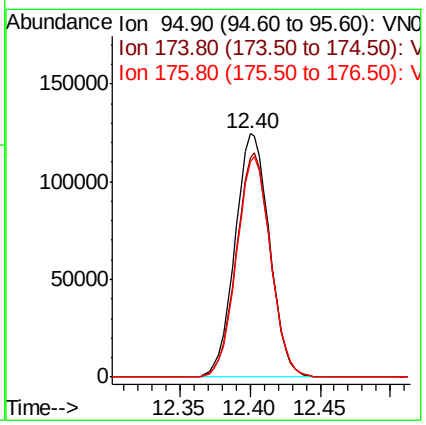


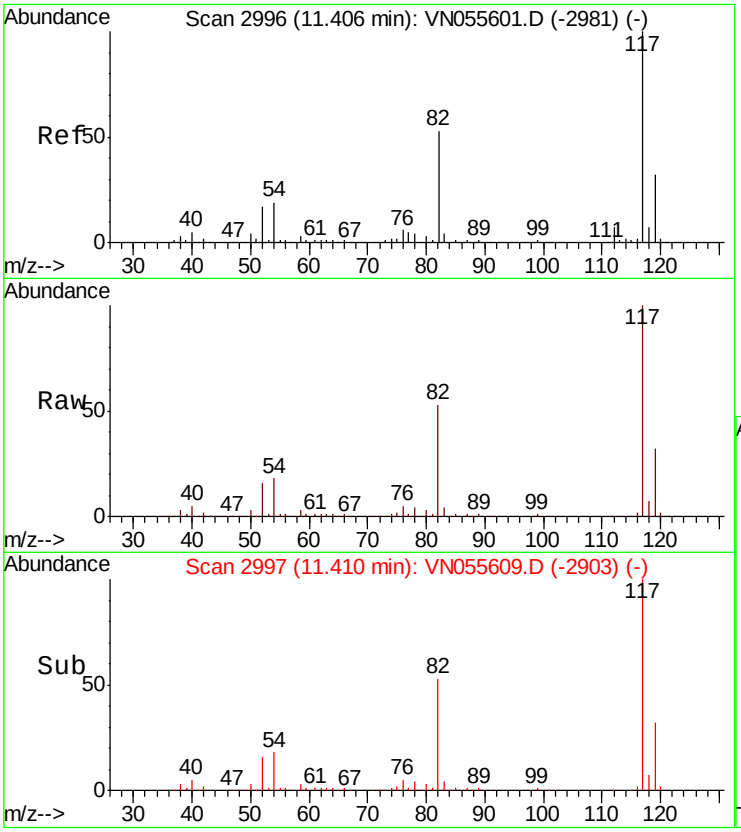


#62
4-Bromofluorobenzene
Concen: 44.873 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 95 Resp: 214261

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	180.6
176	89.1	0.0	177.4



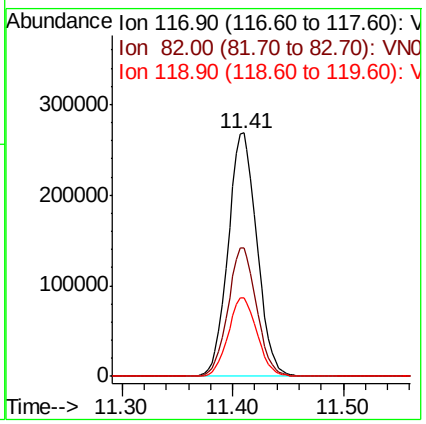


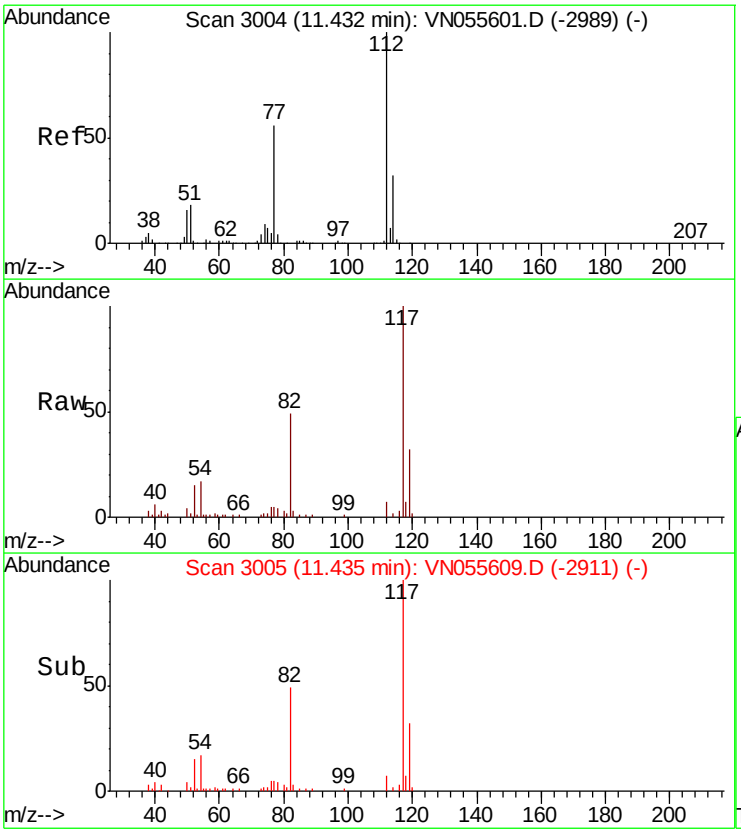
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 484900

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	32.5	25.4	38.2

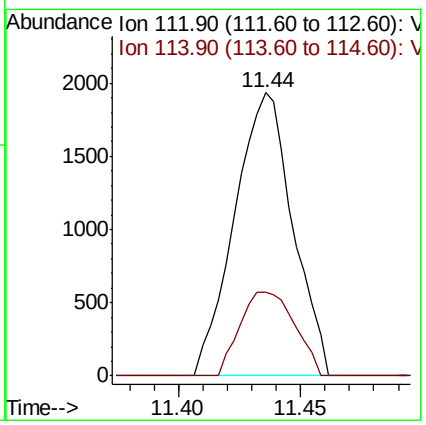


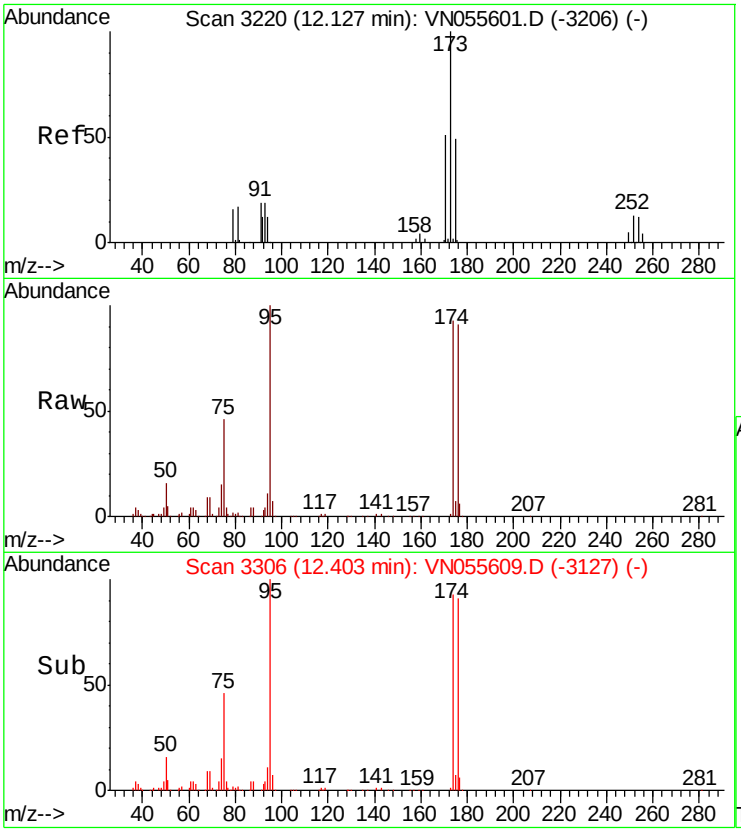


#65
Chlorobenzene
Concen: 0.326 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:112 Resp: 3198

Ion	Ratio	Lower	Upper
112	100		
114	29.6	25.6	38.4



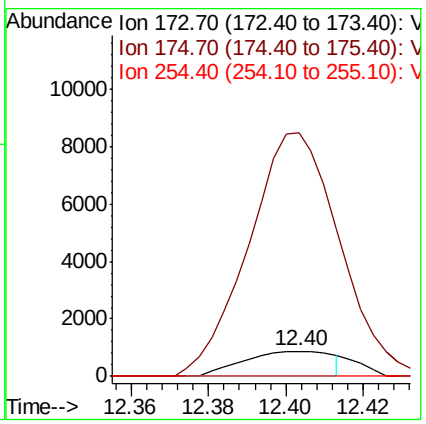


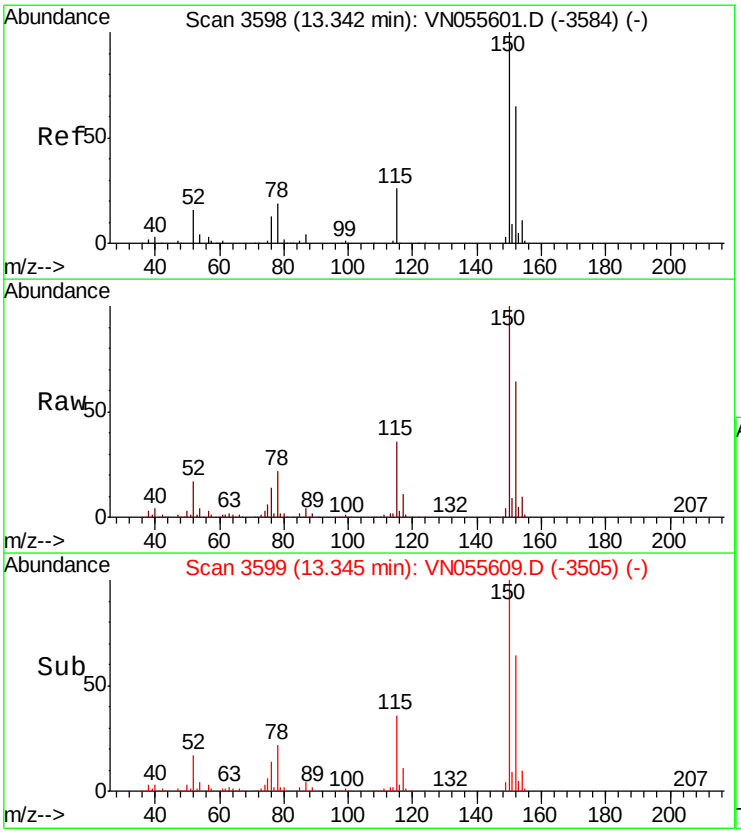
#71
Bromoform
Concen: 0.422 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1412

Ion	Ratio	Lower	Upper
173	100		
175	858.3	24.3	72.9#
254	0.0	0.1	0.1#

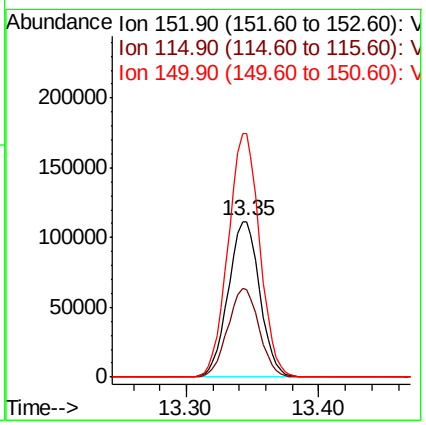


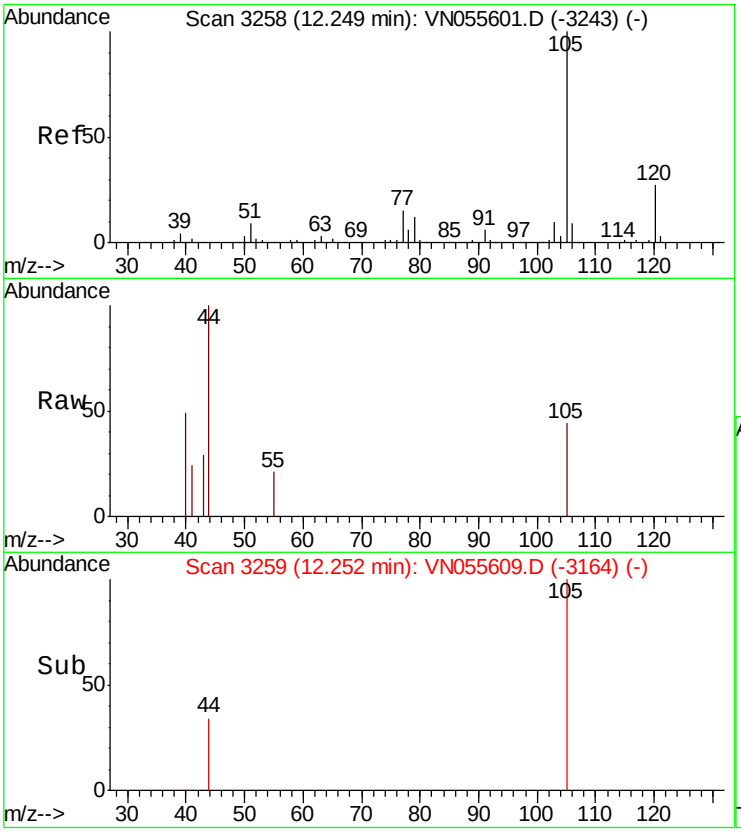


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:152 Resp: 184649

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.2
150	156.1	0.0	348.0



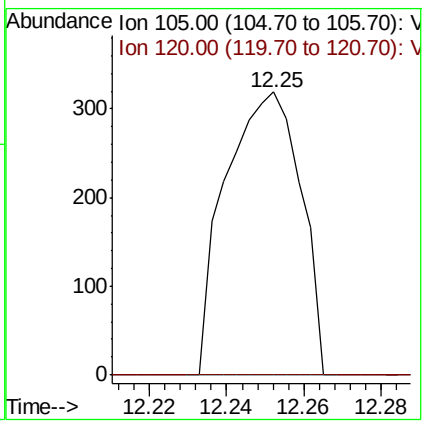


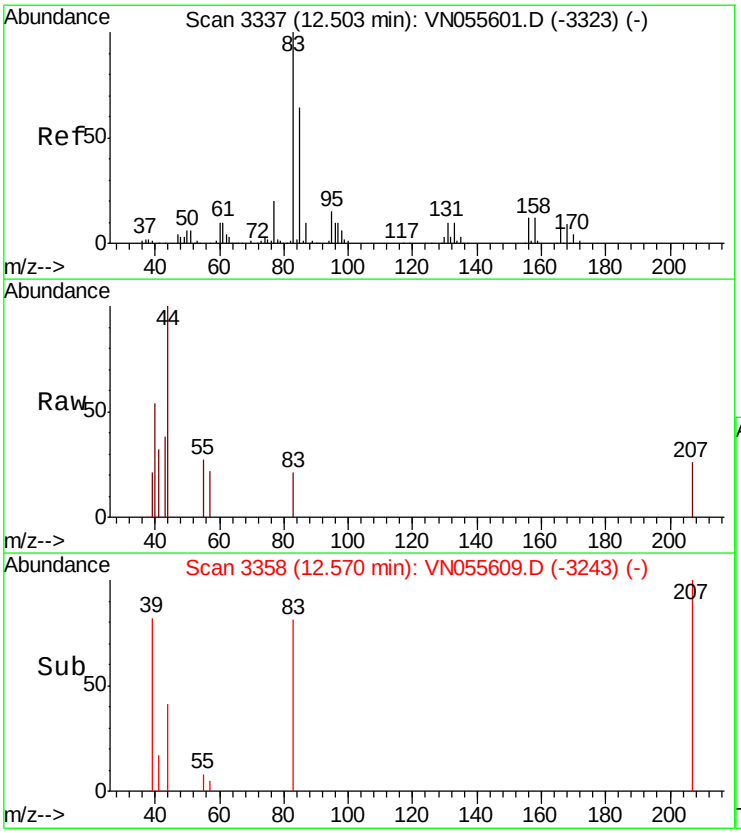
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 430

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#

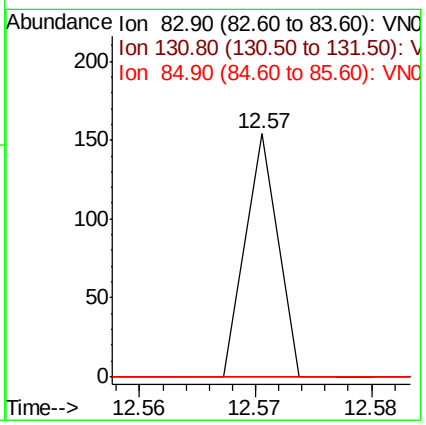


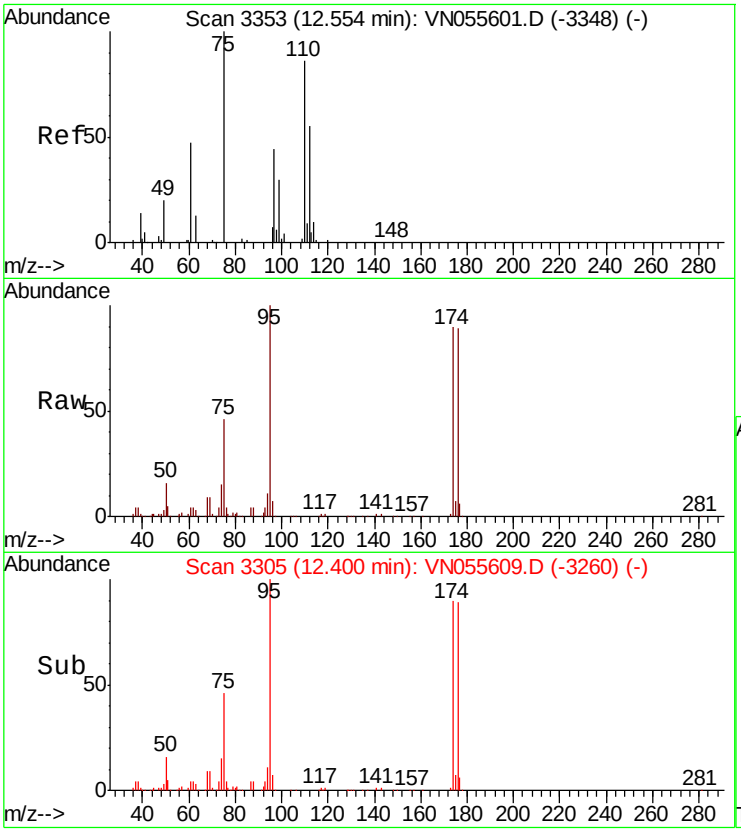


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.57 min Scan# 3358
Delta R.T. 0.07 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 83 Resp: 30

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



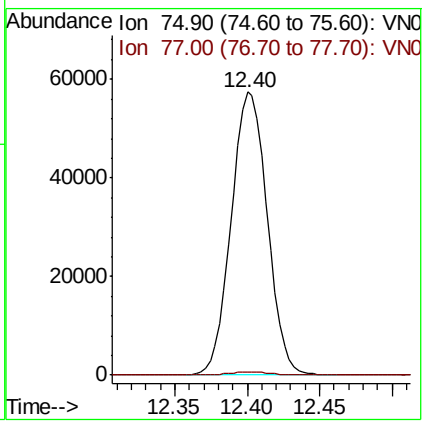


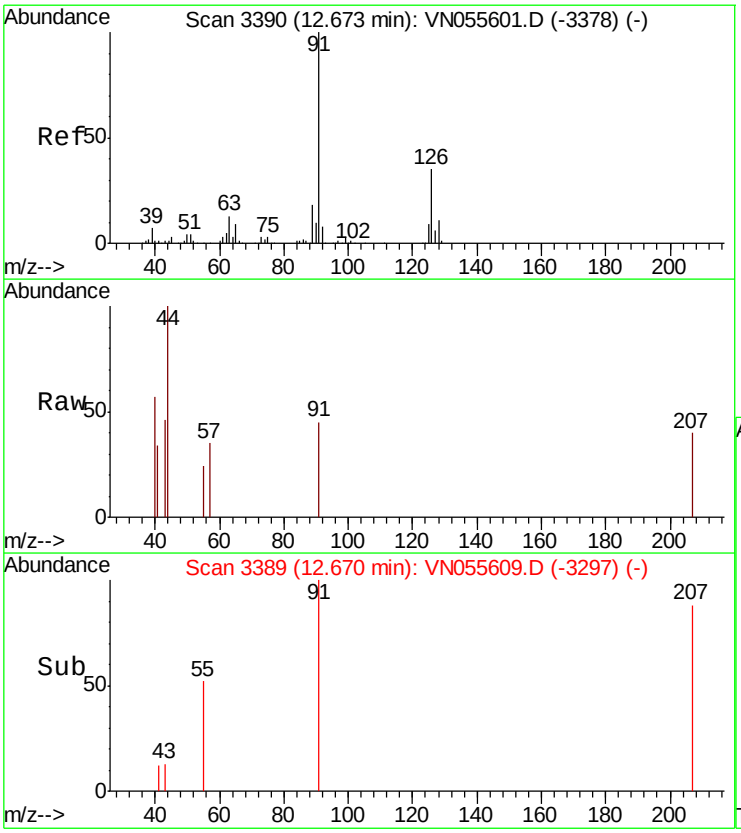
#76
1,2,3-Trichloropropane
Concen: 26.344 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 99258

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

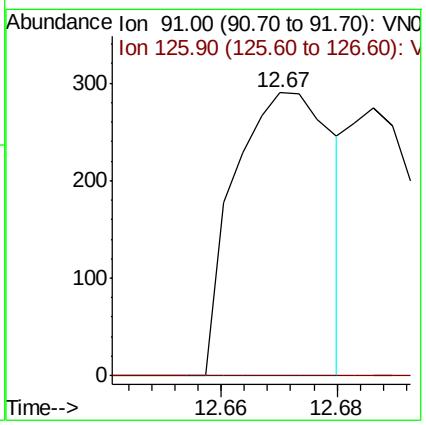


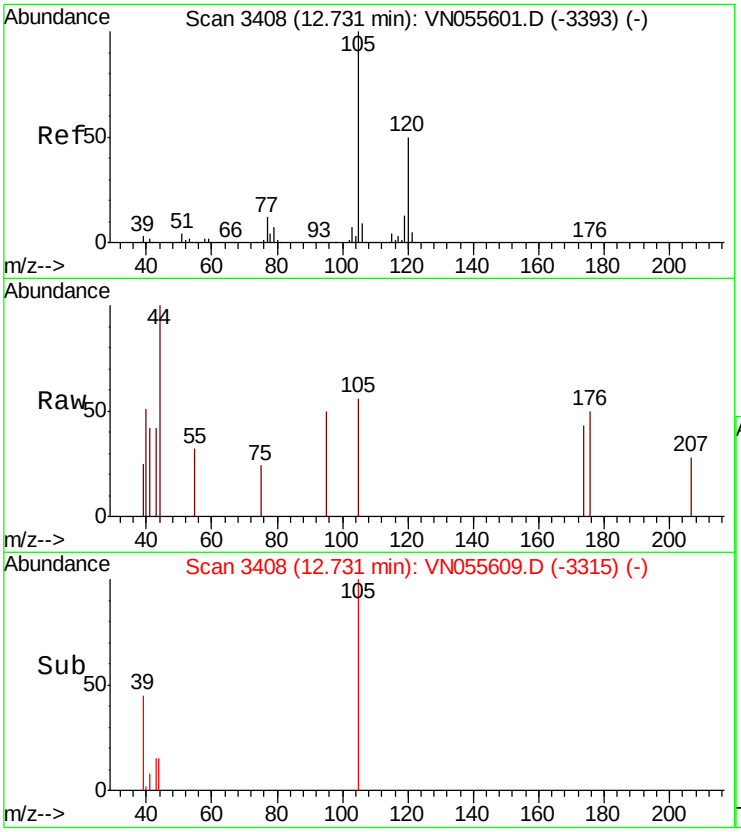


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 91 Resp: 340

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.8	53.4#



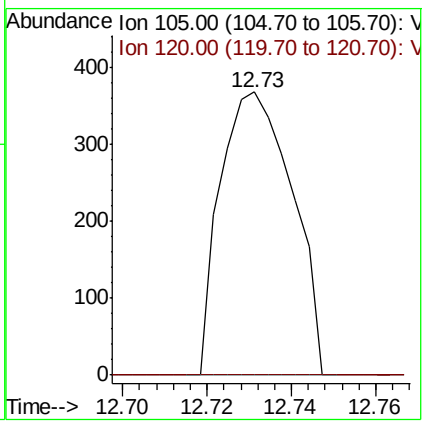


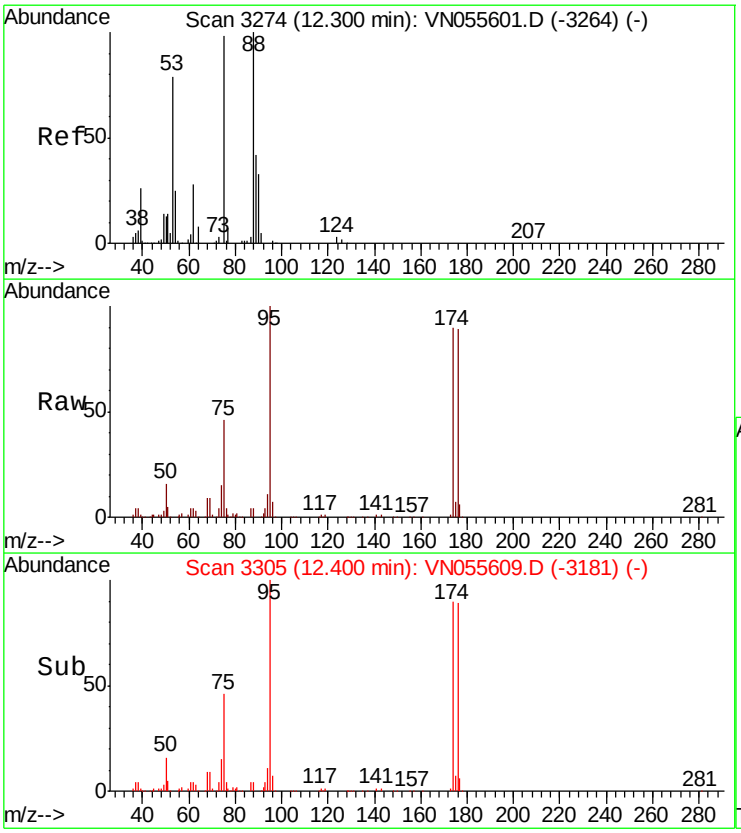
#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 434

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.6	74.0#

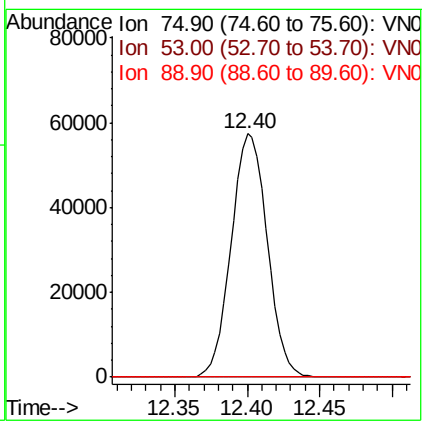


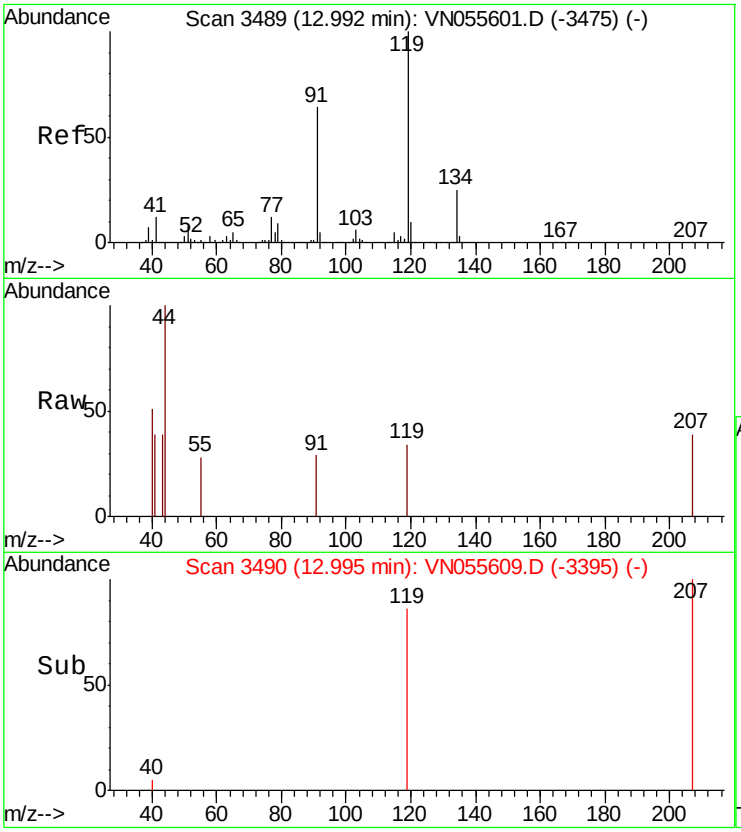


#81
trans-1,4-Dichloro-2-butene
Concen: 67.719 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion: 75 Resp: 99258

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



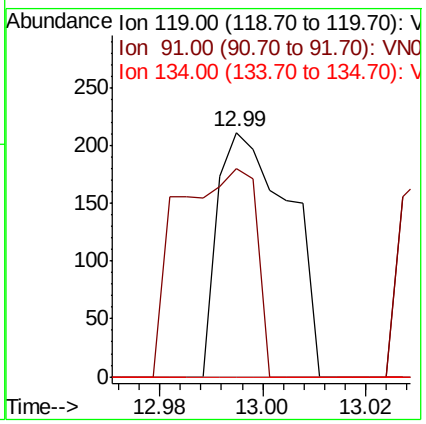


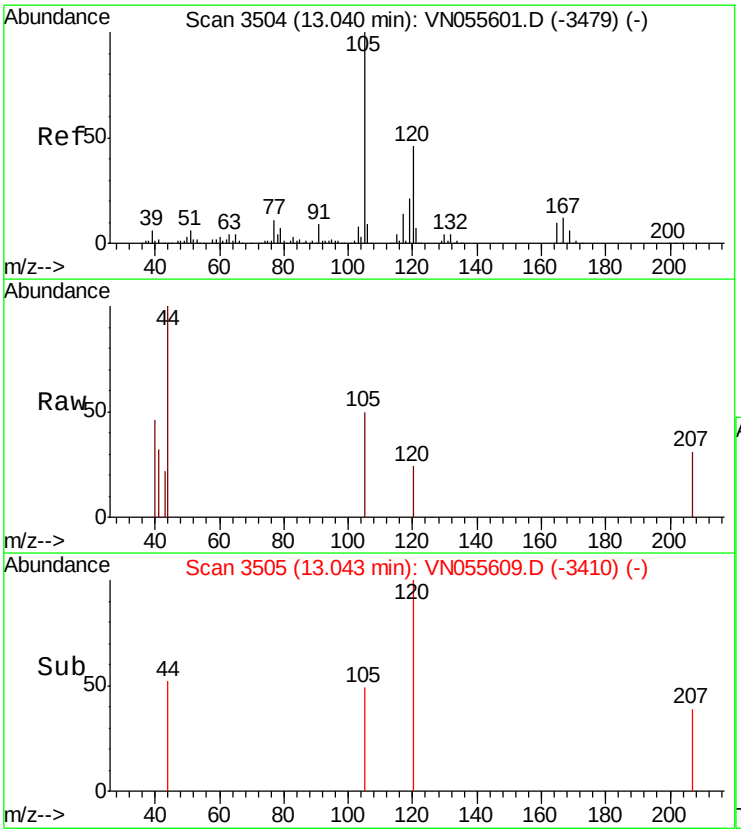
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 201

Ion	Ratio	Lower	Upper
119	100		
91	94.0	31.3	93.8#
134	0.0	13.2	39.6#

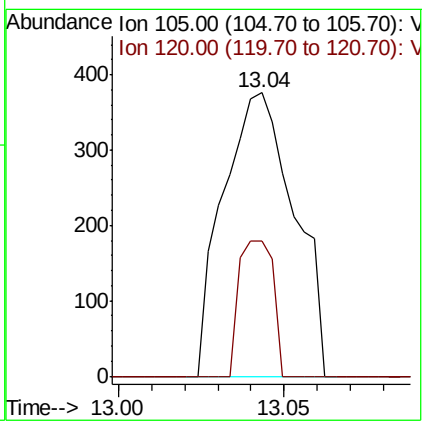


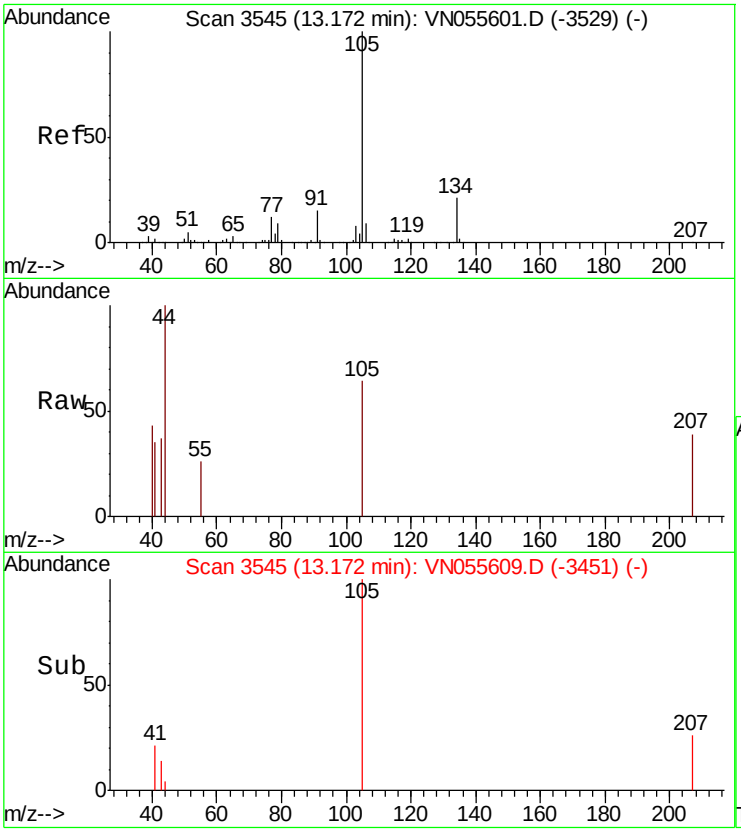


#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:105 Resp: 561

Ion	Ratio	Lower	Upper
105	100		
120	23.2	23.1	69.2



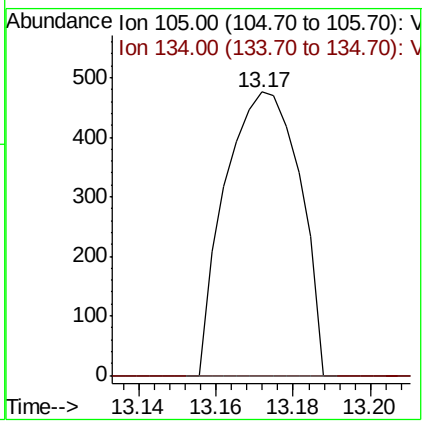


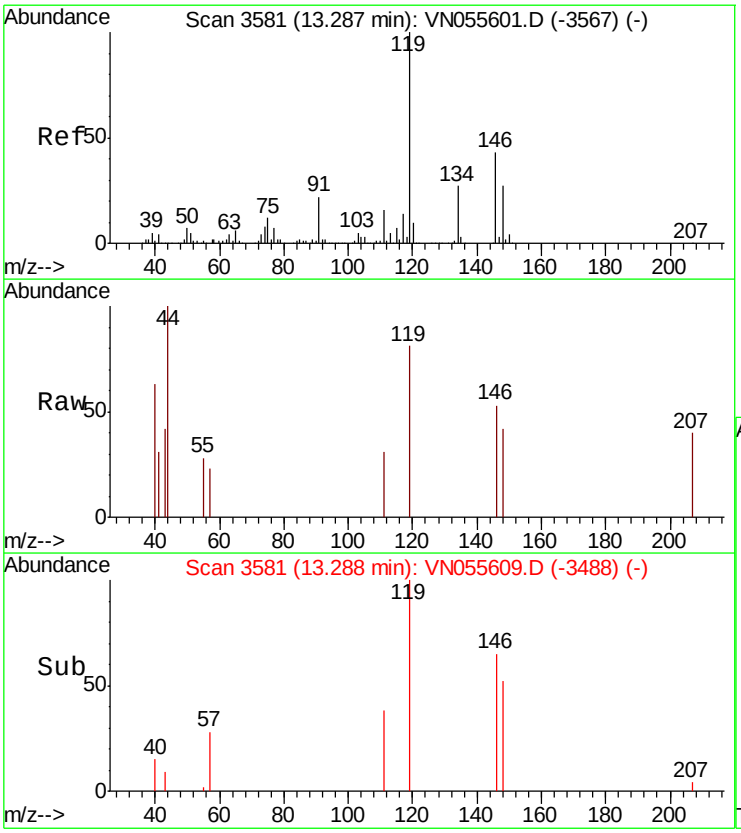
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 637

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.9#

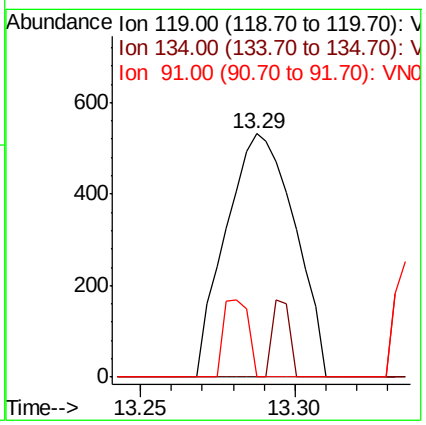


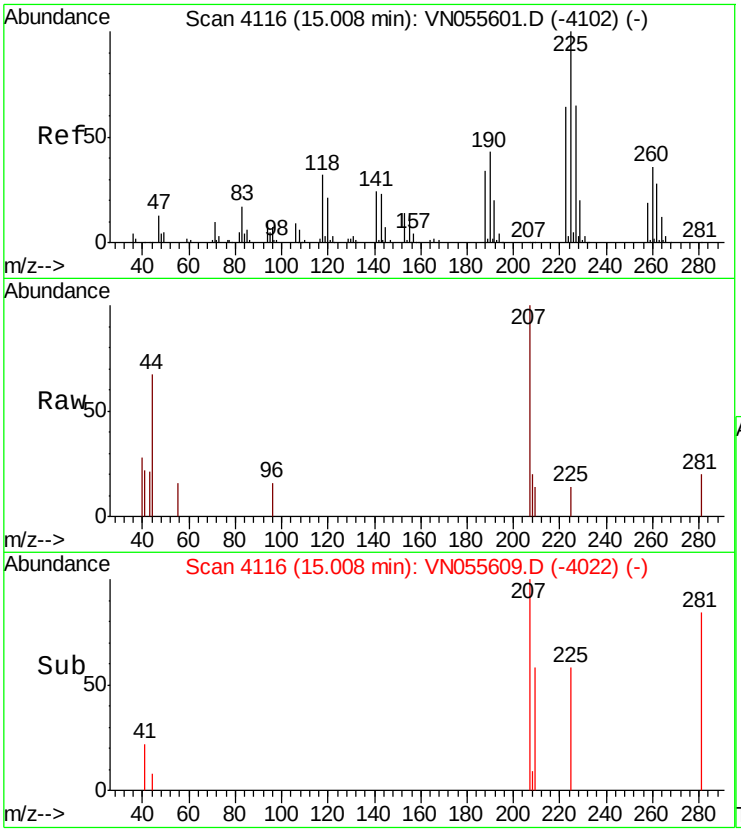


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:119 Resp: 823

Ion	Ratio	Lower	Upper
119	100		
134	7.7	13.4	40.2#
91	11.3	11.0	33.0



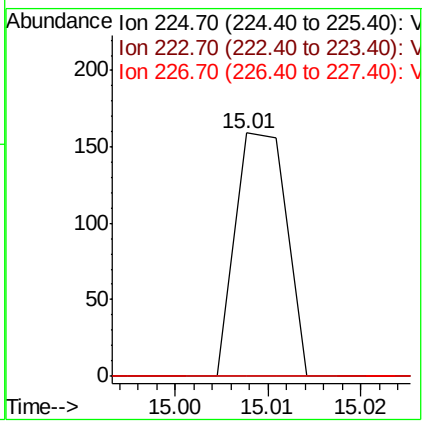


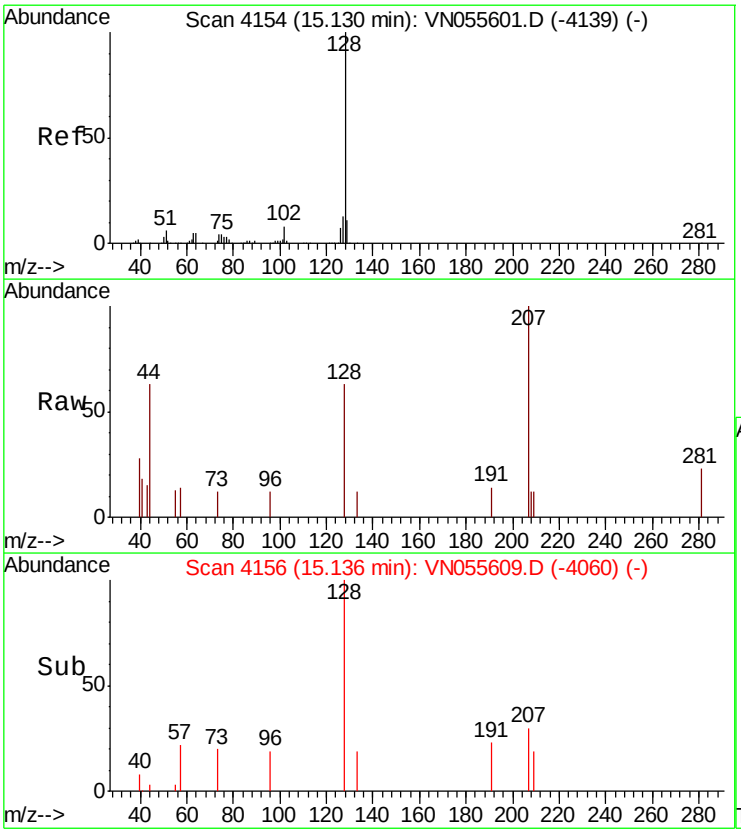
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 61

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.6	94.7#
227	0.0	32.4	97.0#





#95
Naphthalene
Concen: 1.909 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055609.D
Acq: 17 May 2019 14:48

Tgt Ion:128 Resp: 1438

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#