Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055820.D
Acq On : 25 May 2019 2:09
Operator : JC/SP
Sample : K3022-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Time: May 25 04:33:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	419584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	589828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191815	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.54%			
35) Dibromofluoromethane	7.59	113	177103	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.98%			
50) Toluene-d8	10.09	98	691826	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
62) 4-Bromofluorobenzene	12.40	95	222117	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.58%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	4716	5.696	ug/l #	74
16) Acetone	3.83	43	2163	1.136	ug/l #	85
18) Methyl Acetate	4.33	43	3148	Below Cal	#	62
31) Cyclohexane	7.67	56	5944	0.914	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23520	4.576	ug/l #	48
38) Carbon Tetrachloride	7.66	117	33725	6.299	ug/l #	14
43) Isopropyl Acetate	8.32	43	6372	0.763	ug/l #	53
71) Bromoform	12.40	173	1427	0.396	ug/l #	1
73) Isopropylbenzene	12.40	105	196	Below Cal	#	48
74) N-amyl acetate	12.05	43	91	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	101612	31.454	ug/l #	100
79) 2-Chlorotoluene	12.59	91	29	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	101612	75.579	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.05	105	518	Below Cal		70
85) sec-Butylbenzene	13.17	105	29	Below Cal	#	55

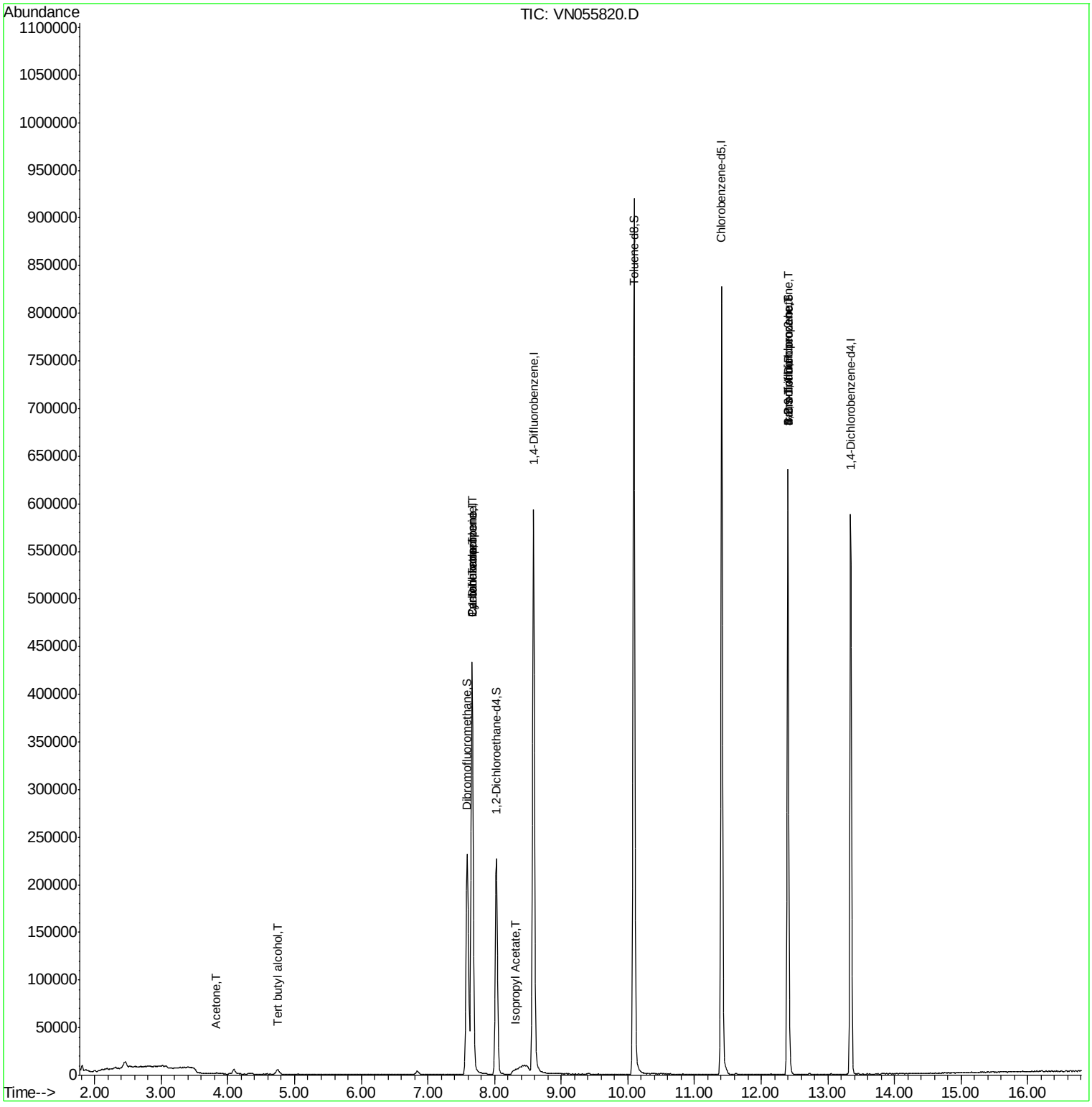
(#) = qualifier out of range (m) = manual integration (+) = signals summed

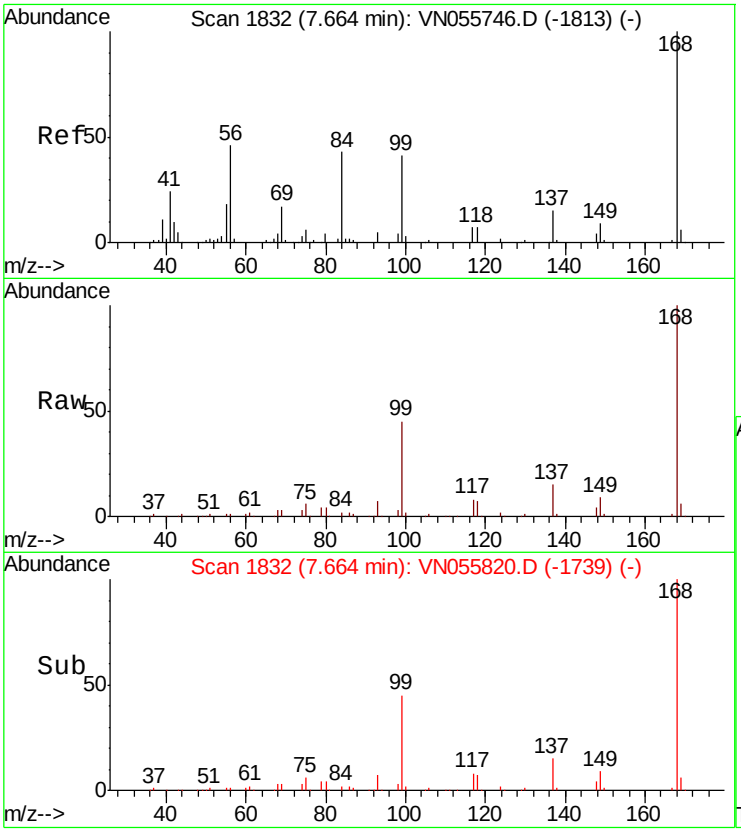
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055820.D
Acq On : 25 May 2019 2:09
Operator : JC/SP
Sample : K3022-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Time: May 25 04:33:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration



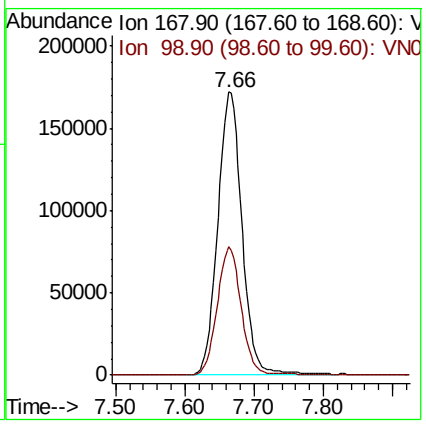


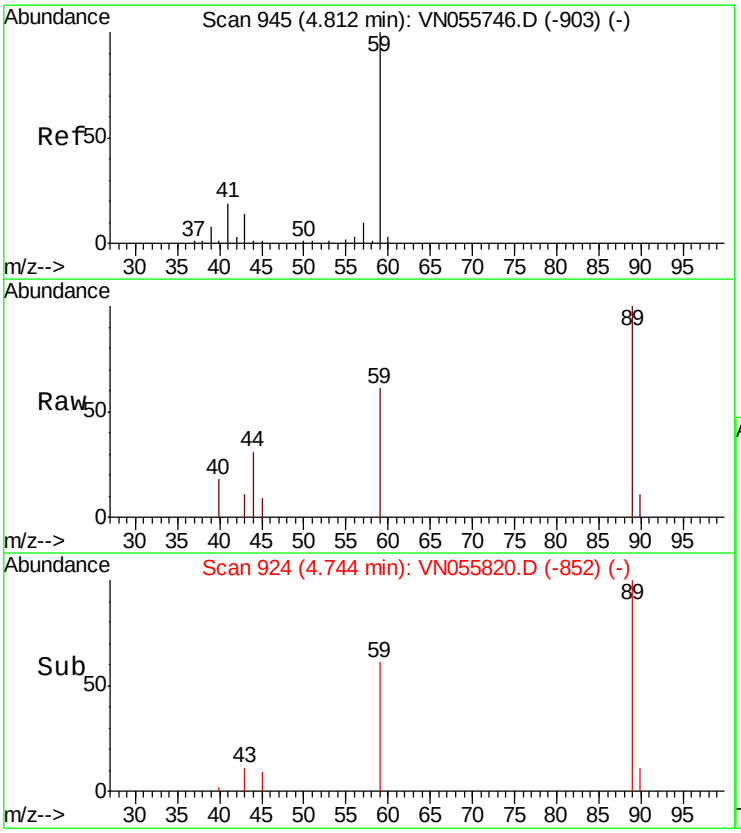
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 419584

Ion	Ratio	Lower	Upper
168	100		
99	45.3	37.2	55.8

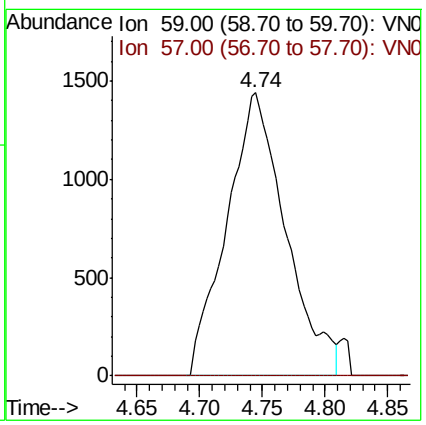


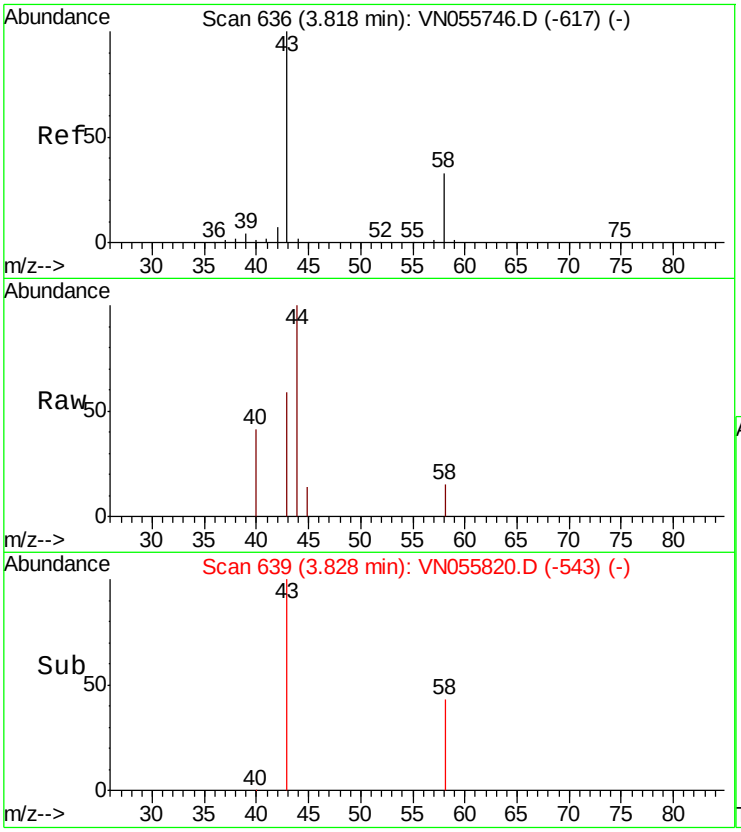


#11
Tert butyl alcohol
Concen: 5.696 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.07 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 59 Resp: 4716

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



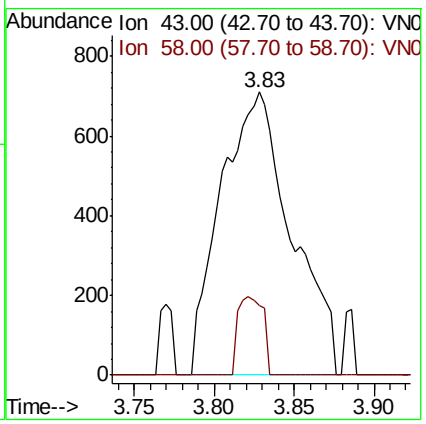


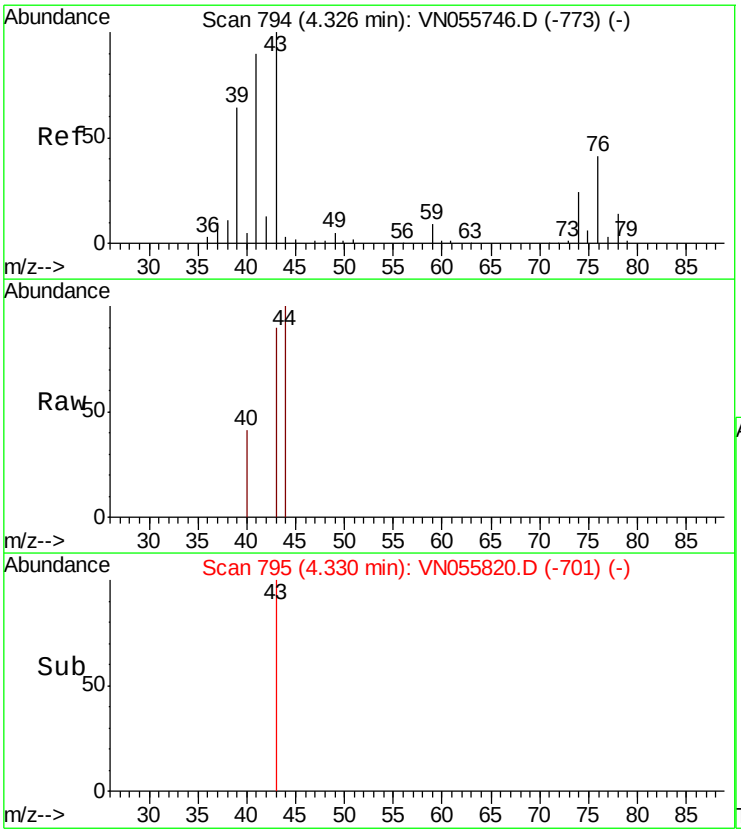
#16
Acetone
Concen: 1.136 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 43 Resp: 2163

Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.6	39.8#

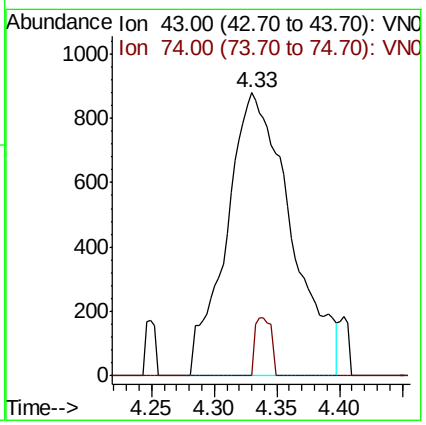


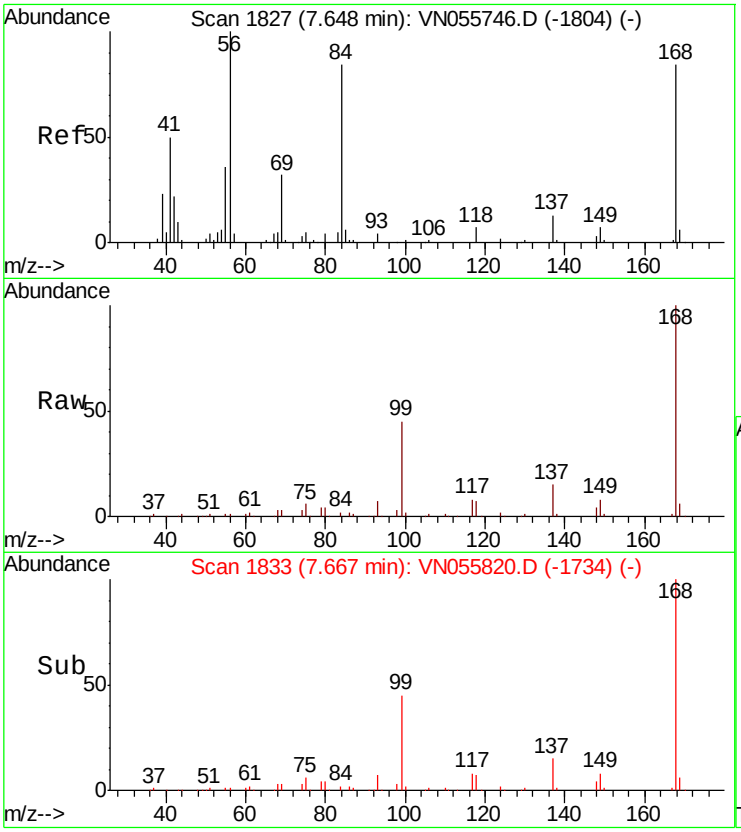


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 43 Resp: 3148

Ion	Ratio	Lower	Upper
43	100		
74	5.2	19.3	28.9#



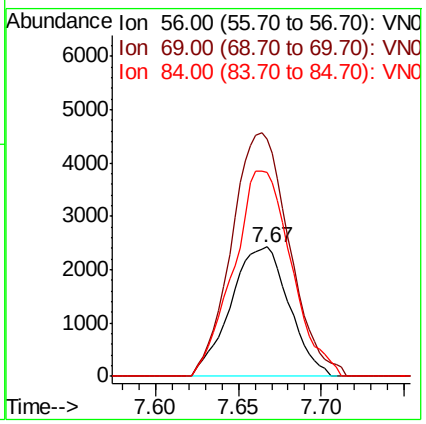


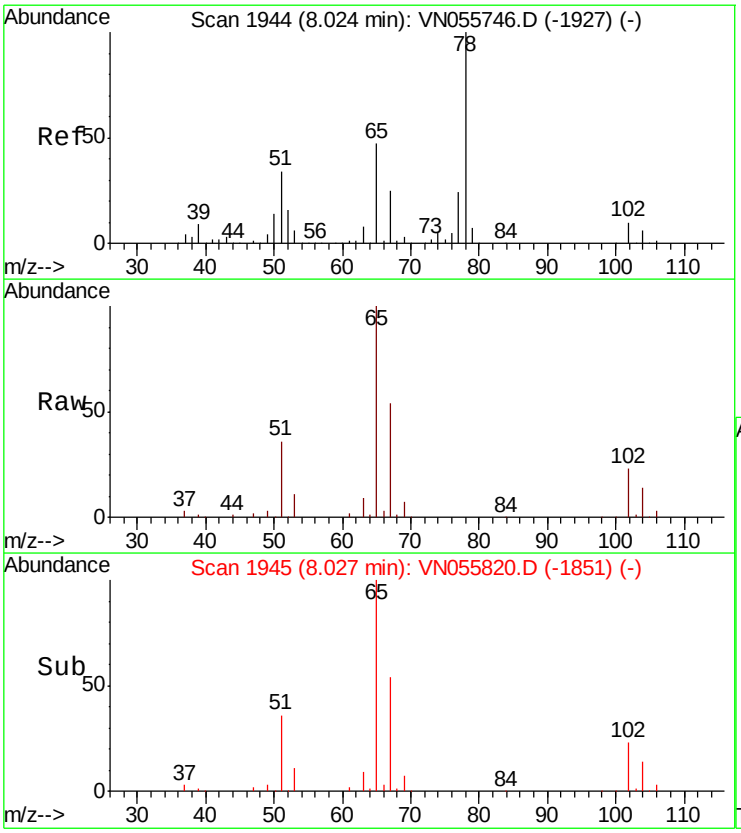
#31
Cyclohexane
Concen: 0.914 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 56 Resp: 5944

Ion	Ratio	Lower	Upper
56	100		
69	183.7	25.6	38.4#
84	157.5	67.4	101.0#

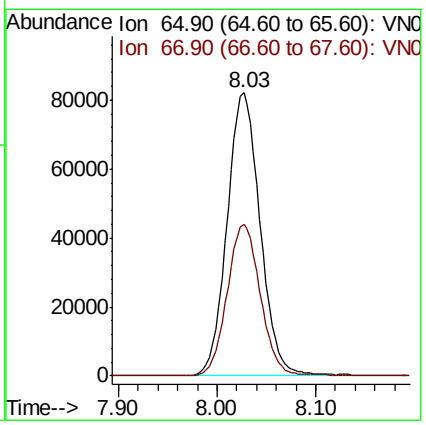


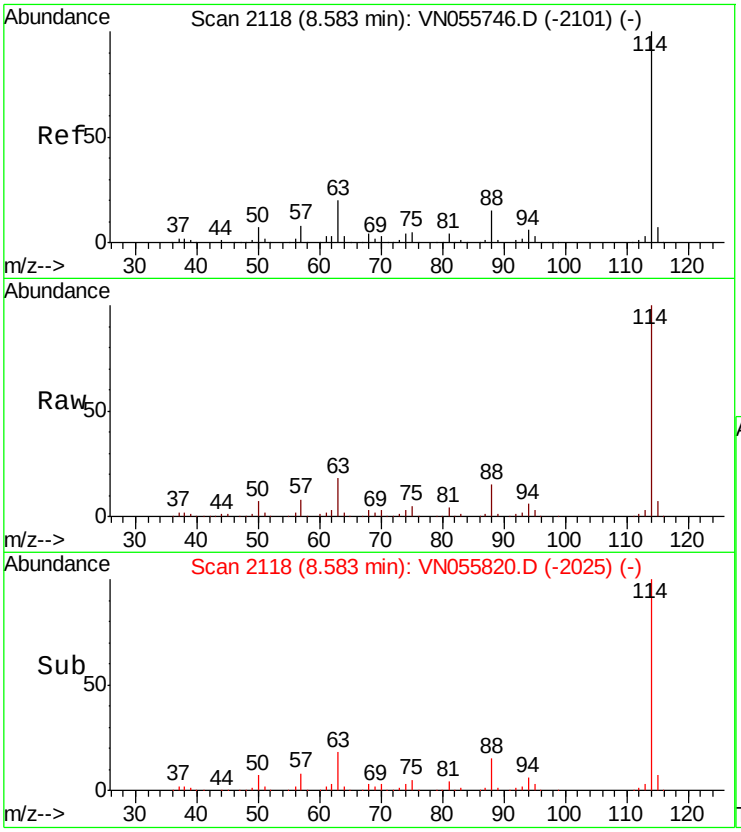


#33
1,2-Dichloroethane-d4
Concen: 44.267 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 65 Resp: 191815

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.2



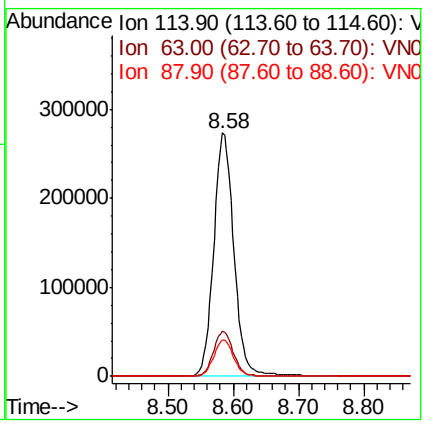


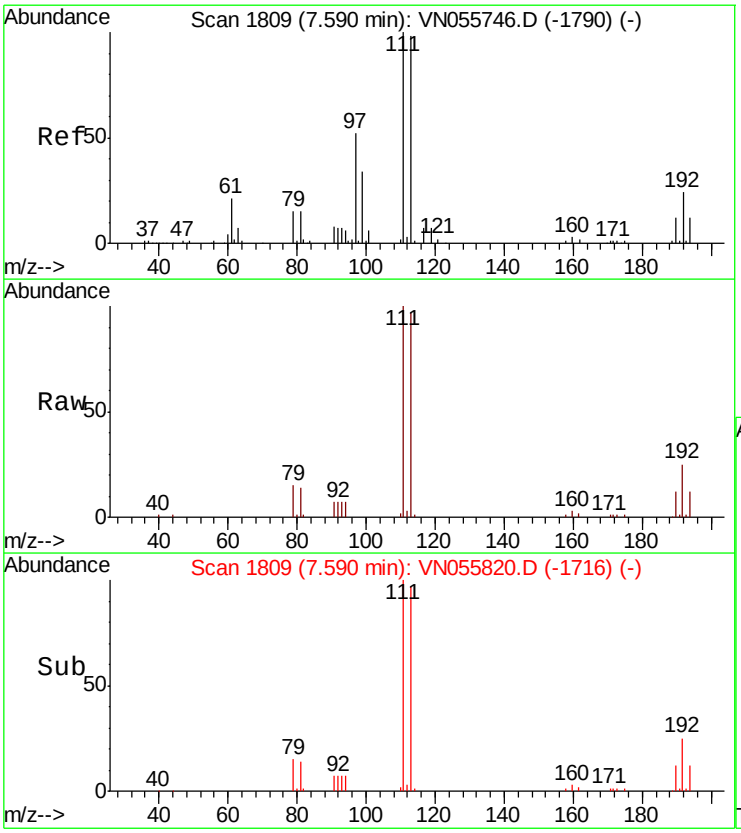
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion:114 Resp: 589828

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.2
88	15.0	0.0	31.0

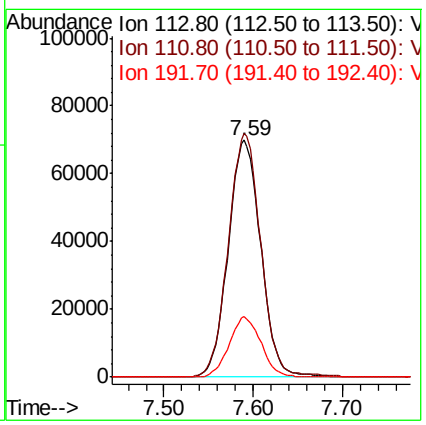


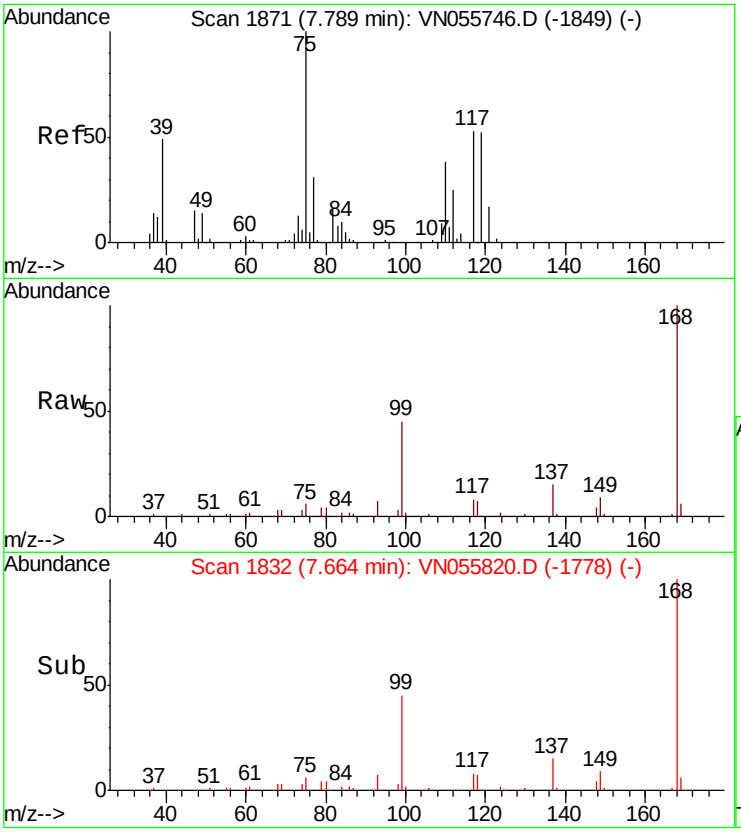


#35
Dibromofluoromethane
Concen: 47.492 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:113 Resp: 177103

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.9	19.5	29.3



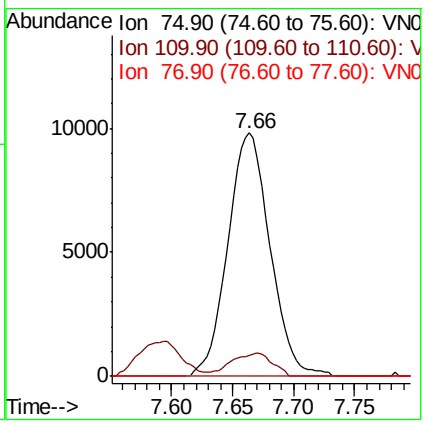


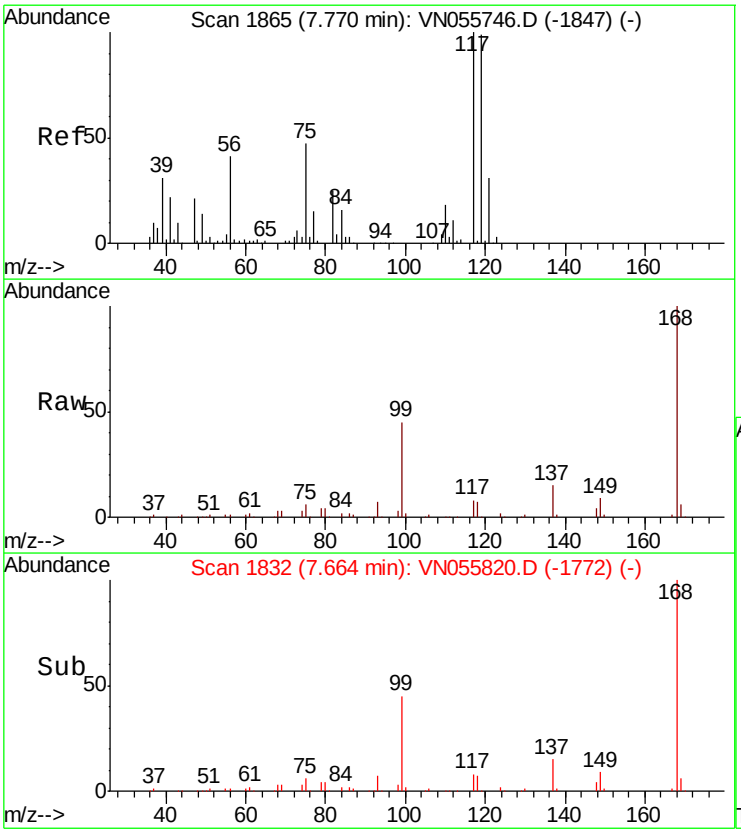
#36
1,1-Dichloropropene
Concen: 4.576 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 75 Resp: 23520

Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.0	57.0#
77	0.0	25.1	37.7#

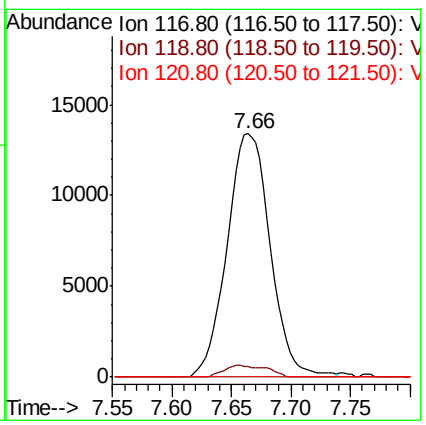


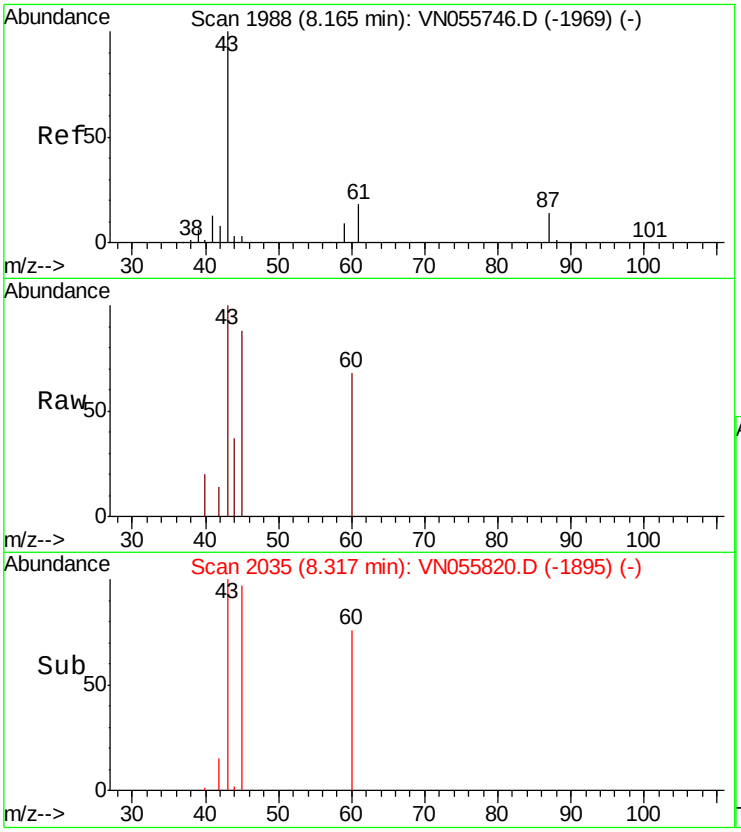


#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:117 Resp: 33725

Ion	Ratio	Lower	Upper
117	100		
119	4.1	79.0	118.6#
121	0.0	24.7	37.1#



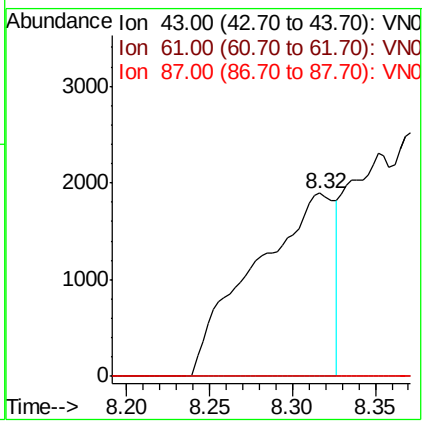


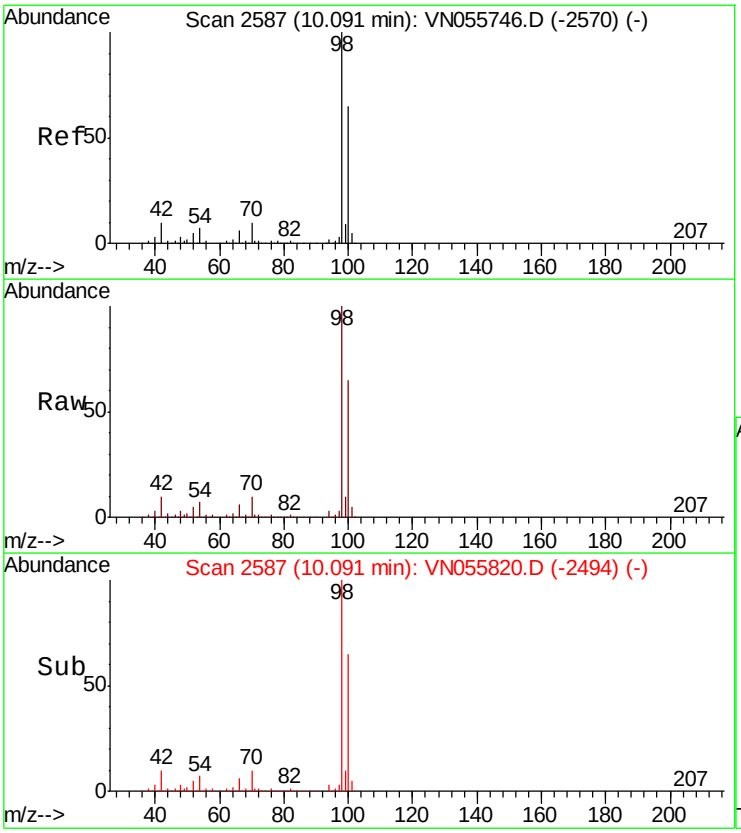
#43
Isopropyl Acetate
Concen: 0.763 ug/l
RT: 8.32 min Scan# 2035
Delta R.T. 0.15 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 43 Resp: 6372

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

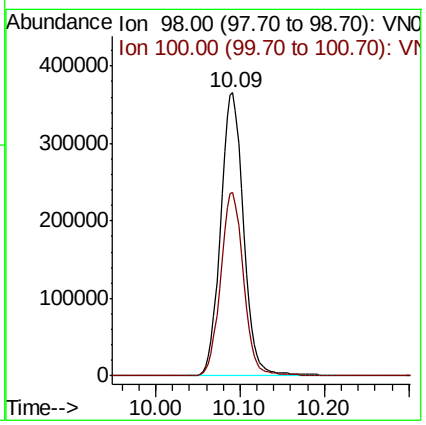


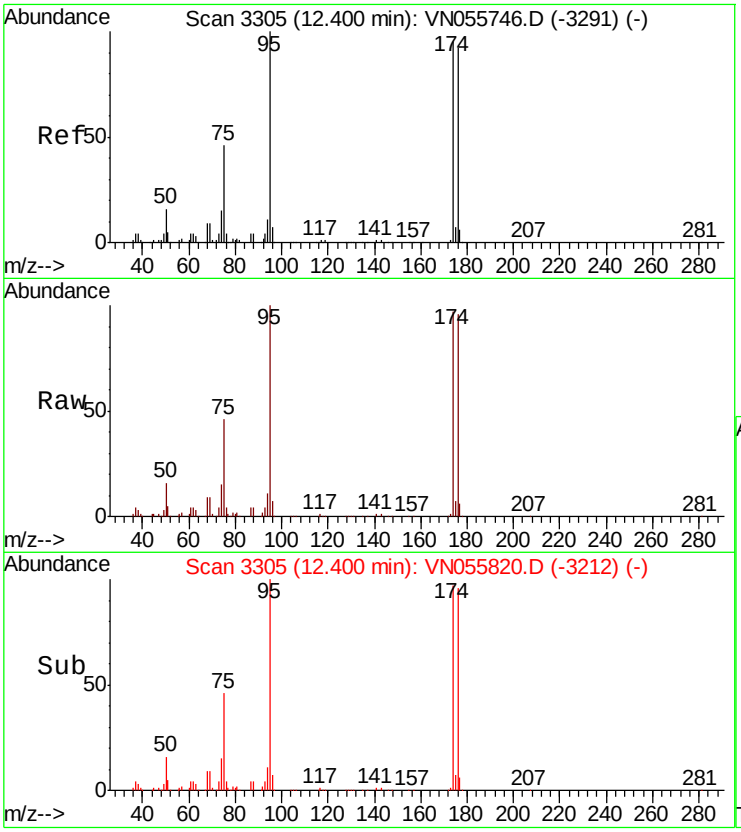


#50
Toluene-d8
Concen: 48.364 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 98 Resp: 691826

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



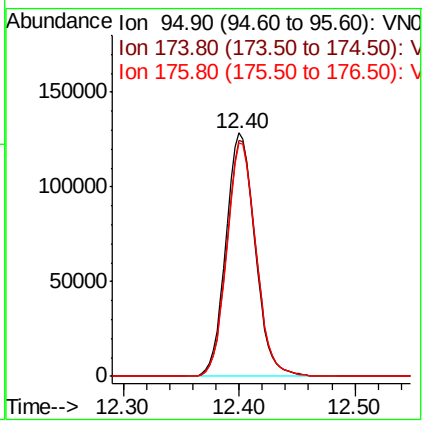


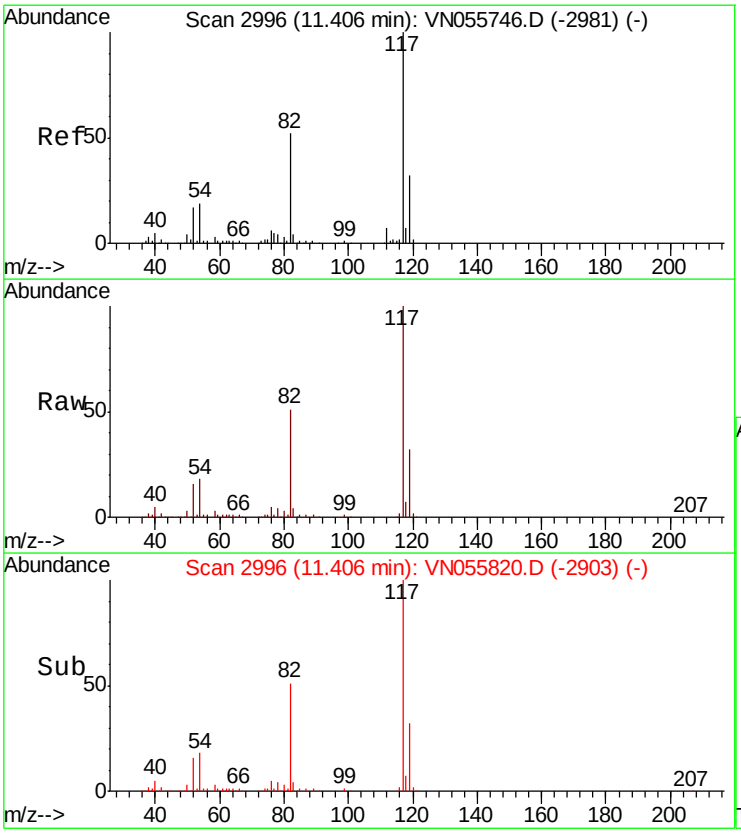
#62
4-Bromofluorobenzene
Concen: 45.285 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 222117

Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	191.0
176	95.6	0.0	185.2

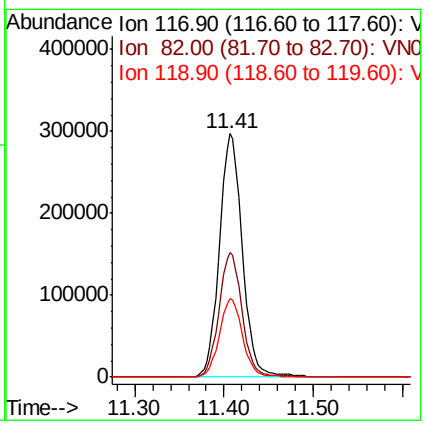


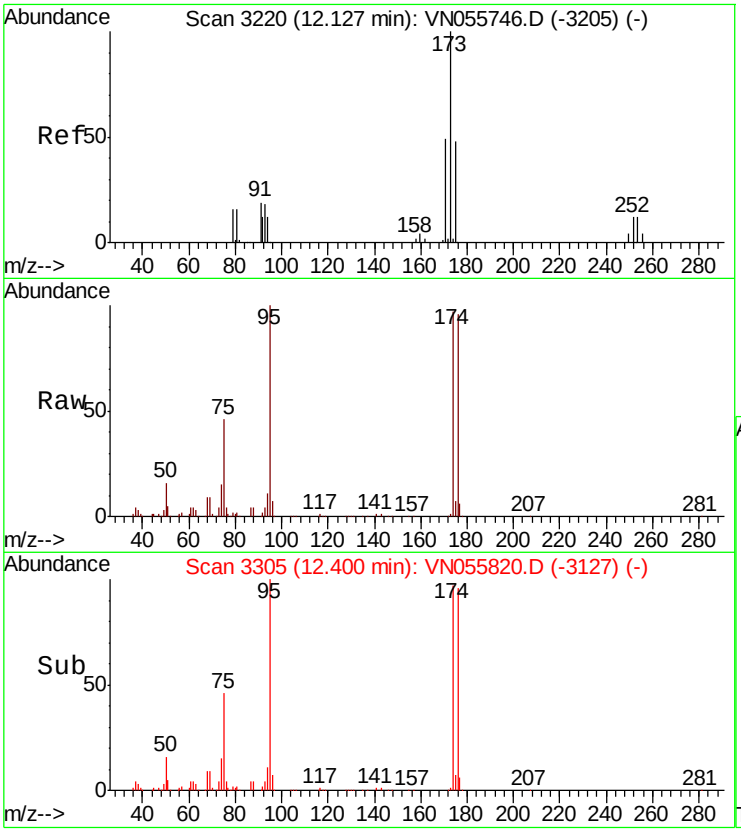


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:117 Resp: 528960

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.8	62.8
119	32.4	25.4	38.0



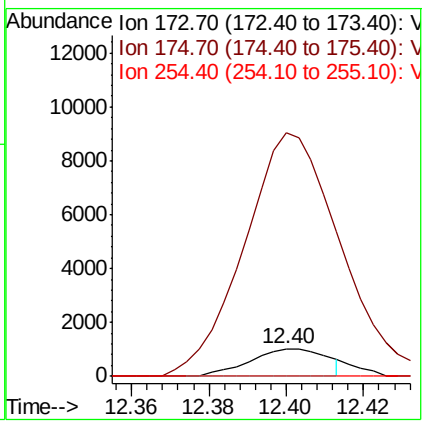


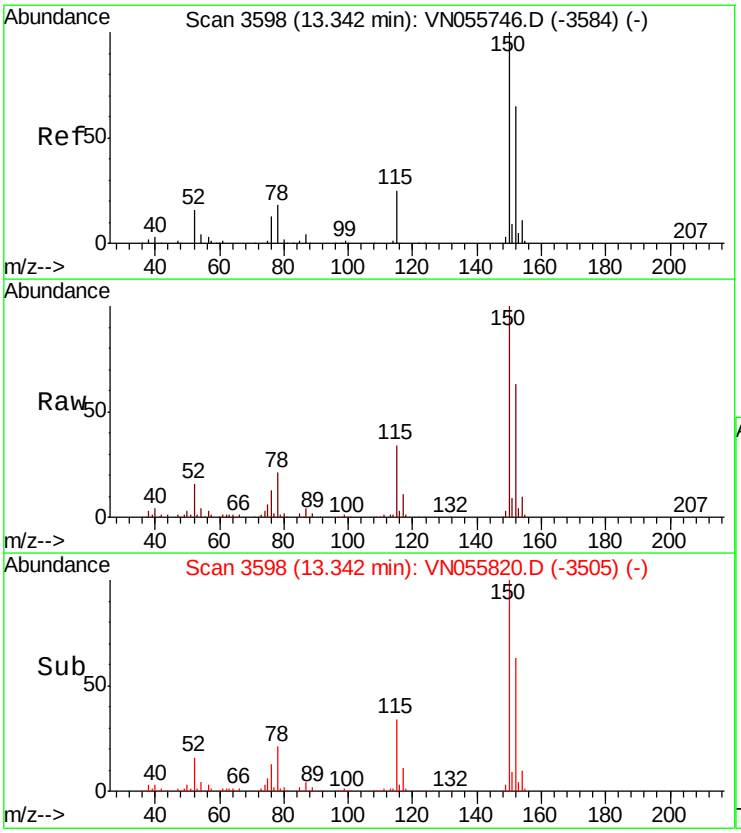
#71
Bromoform
Concen: 0.396 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:173 Resp: 1427

Ion	Ratio	Lower	Upper
173	100		
175	934.2	24.3	72.8#
254	0.0	0.0	0.0

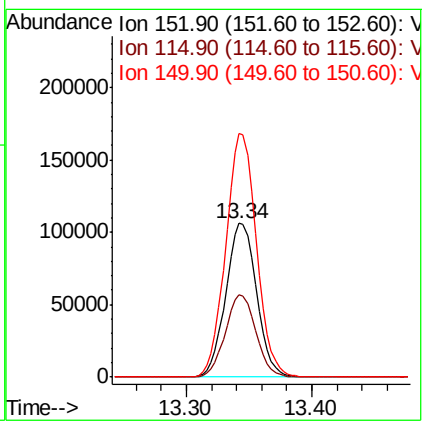


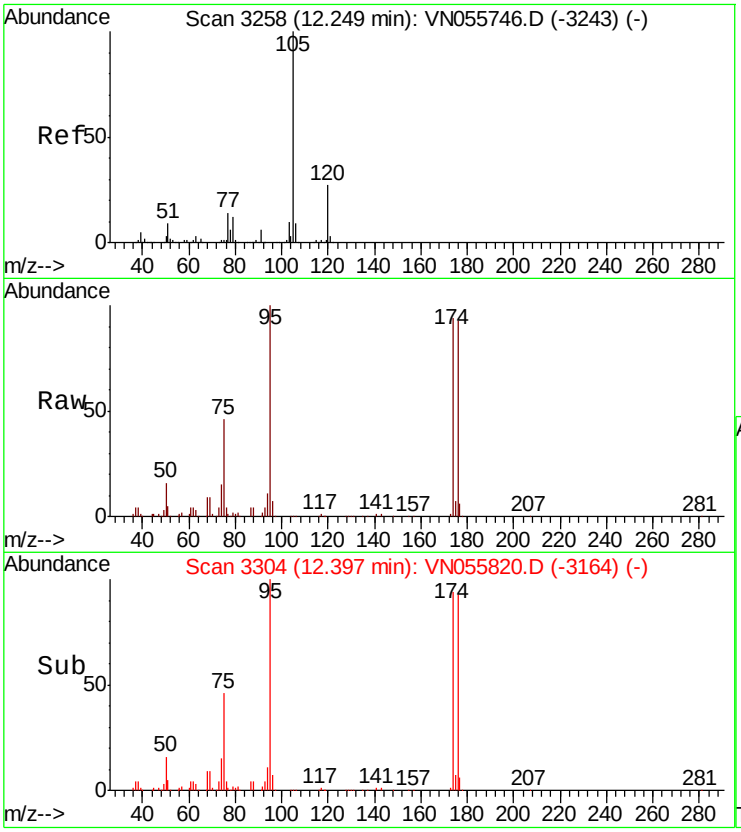


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:152 Resp: 180894

Ion	Ratio	Lower	Upper
152	100		
115	53.2	27.0	81.0
150	157.6	0.0	343.2



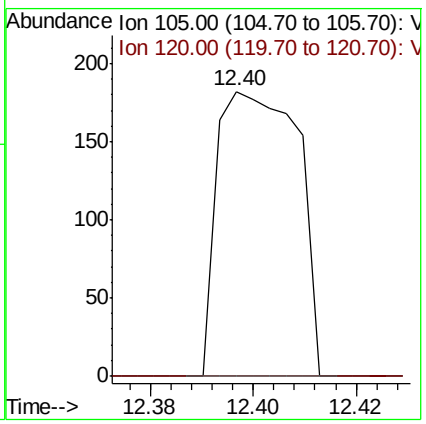


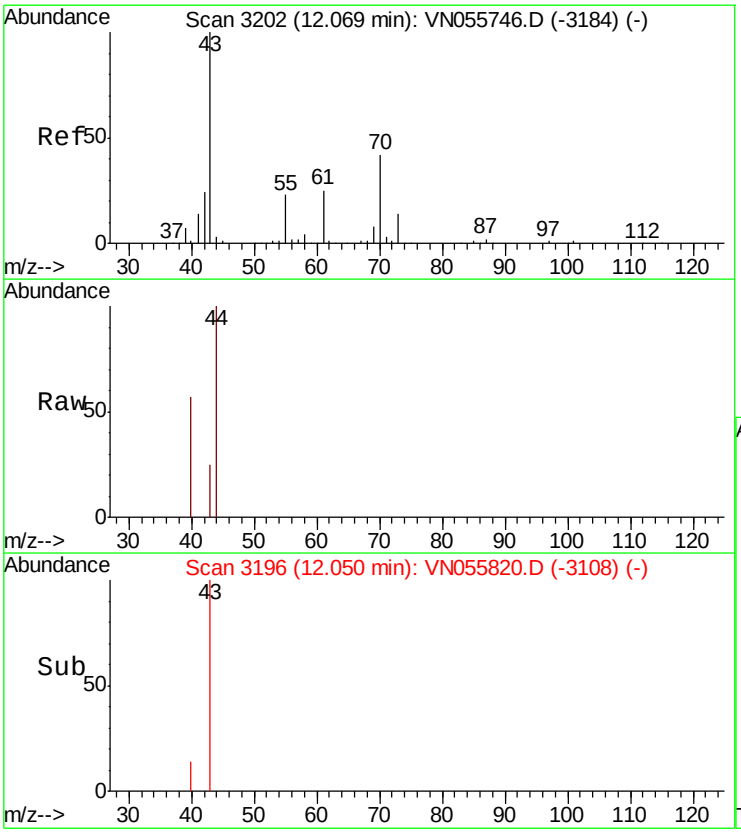
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.40 min Scan# 3304
Delta R.T. 0.15 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion:105 Resp: 196

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#

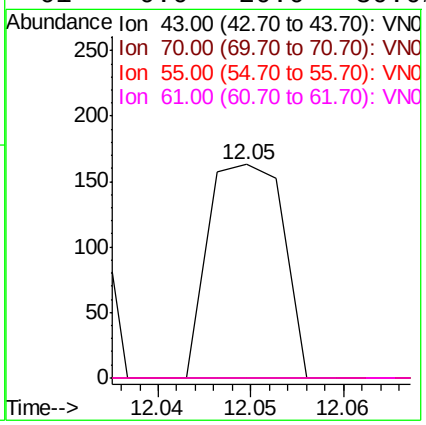


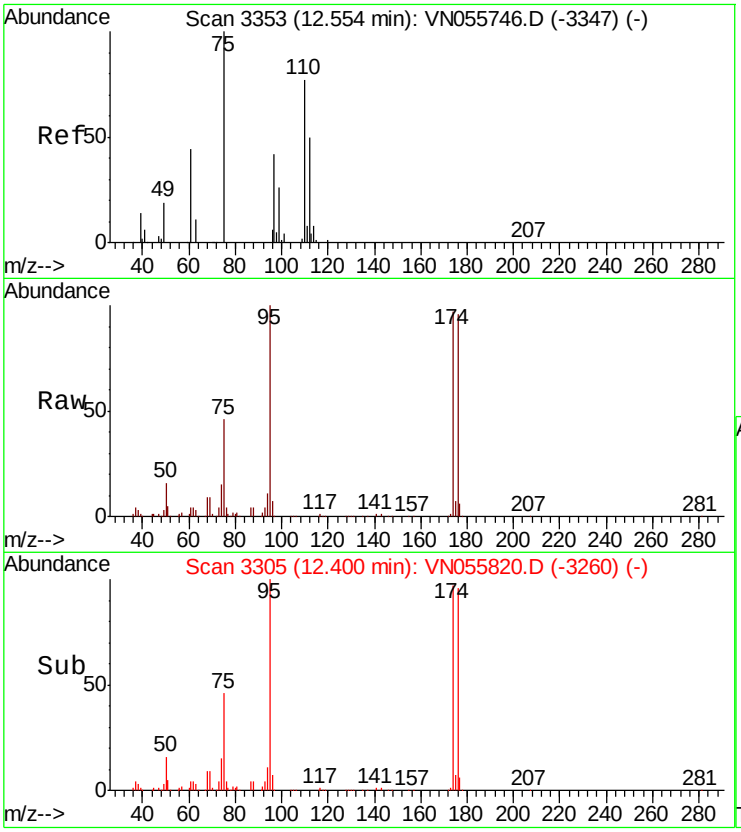


#74
N-amyl acetate
Concen: Below Cal
RT: 12.05 min Scan# 3196
Delta R.T. -0.02 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 43 Resp: 91

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	0.0	18.6	28.0#
61	0.0	20.0	30.0#



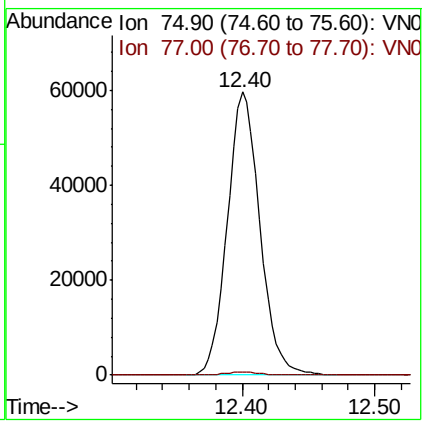


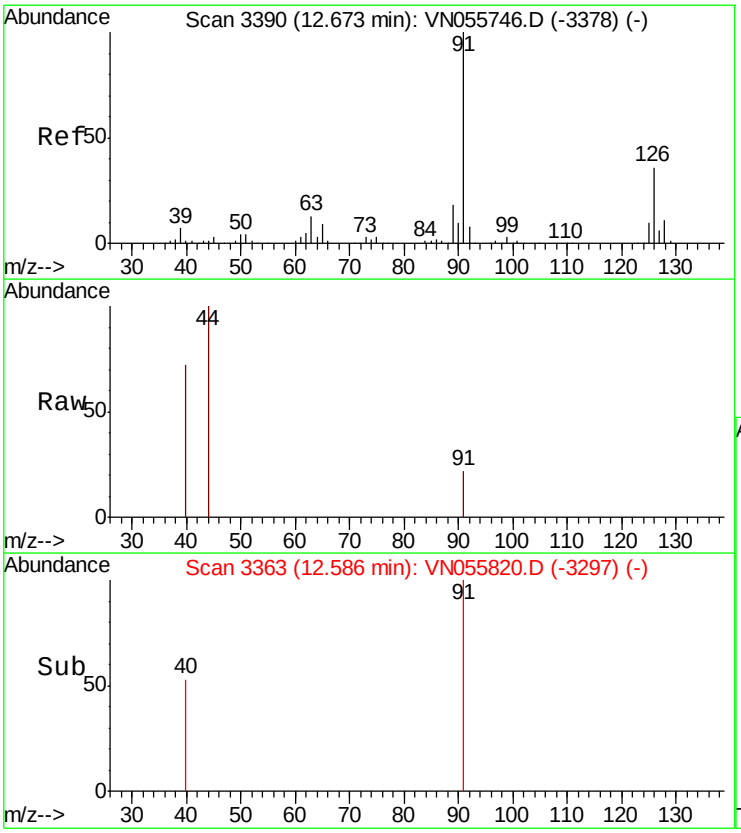
#76
1,2,3-Trichloropropane
Concen: 31.454 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 75 Resp: 101612

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

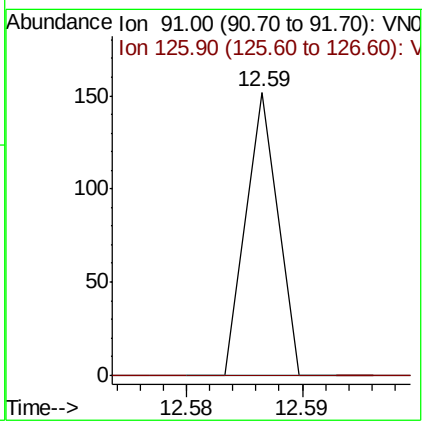


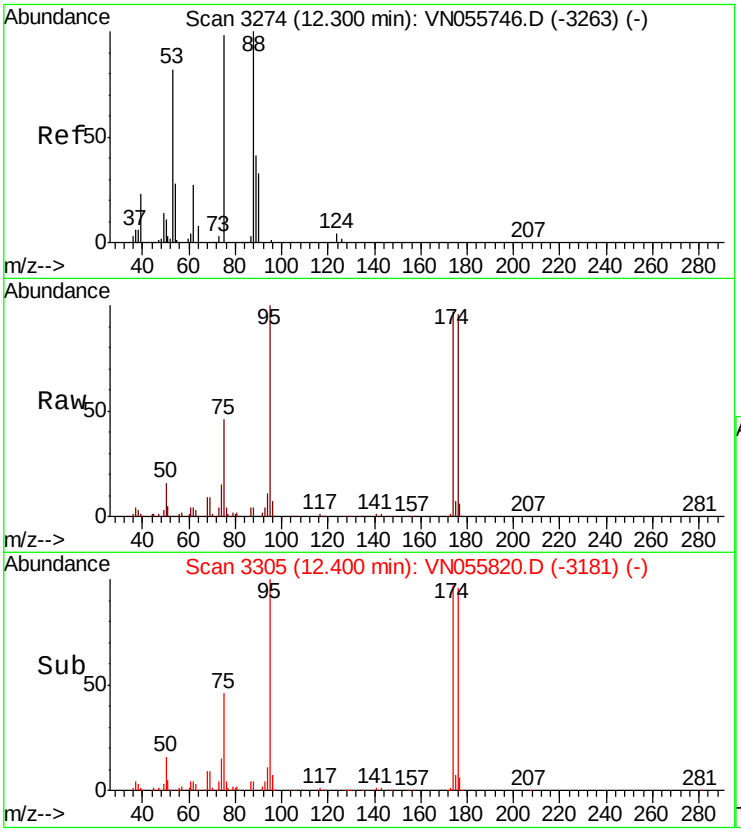


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.59 min Scan# 3363
Delta R.T. -0.09 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion: 91 Resp: 29

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



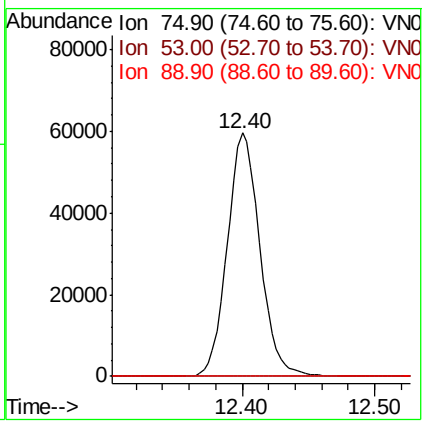


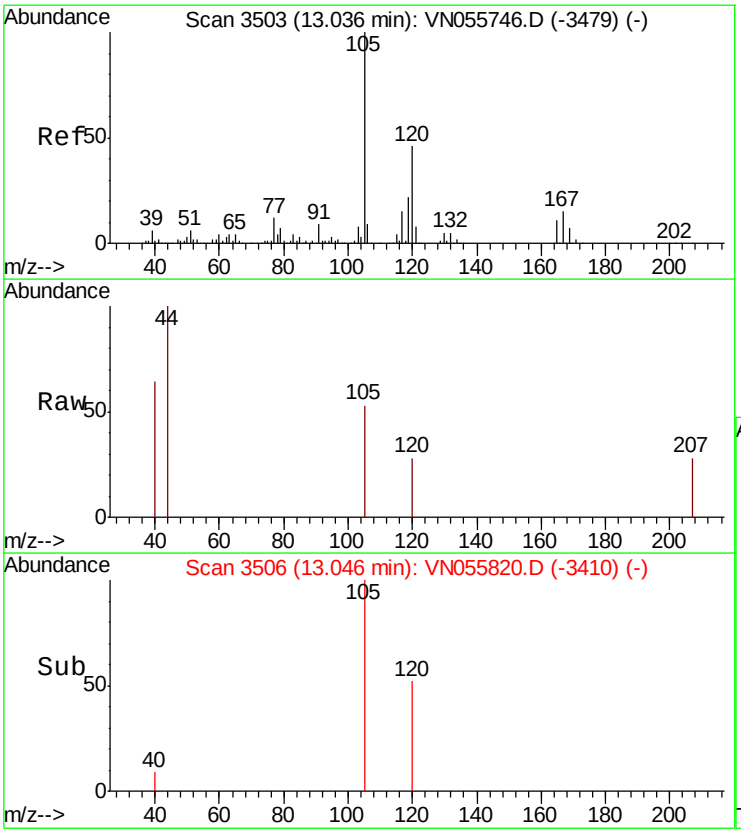
#81
trans-1,4-Dichloro-2-butene
Concen: 75.579 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Instrument : MSVOA_N
ClientSampleId : MW-2

Tgt Ion: 75 Resp: 101612

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

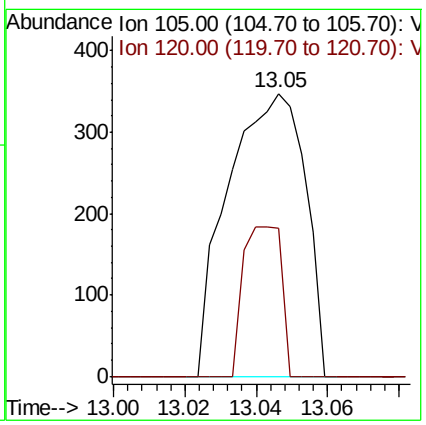


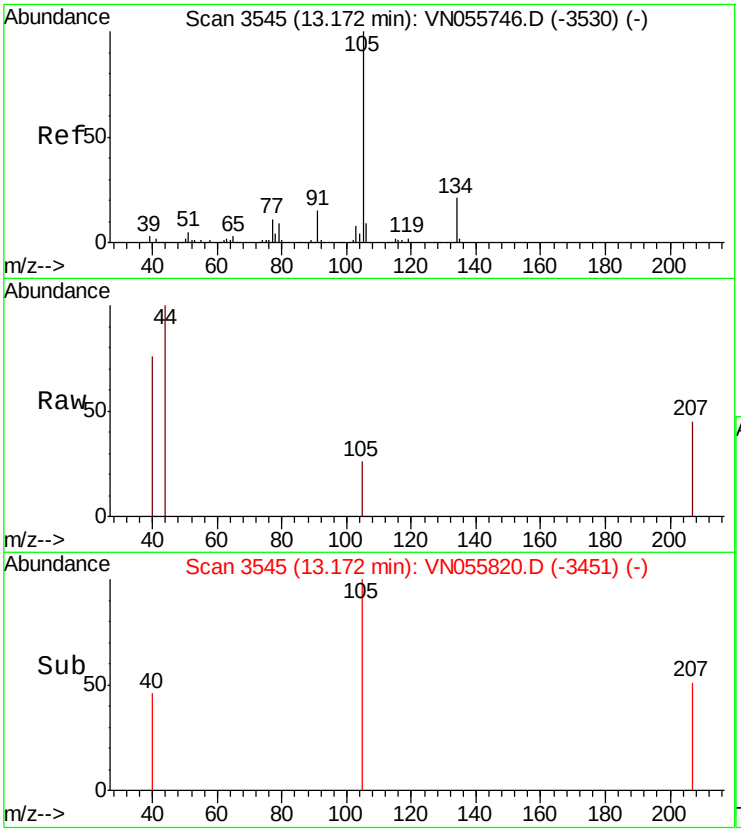


#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.05 min Scan# 3506
Delta R.T. 0.01 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:105 Resp: 518

Ion	Ratio	Lower	Upper
105	100		
120	26.3	23.0	69.0





#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055820.D
Acq: 25 May 2019 2:09

Tgt Ion:105 Resp: 29

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#

Instrument :
MSVOA_N
ClientSampleId :
MW-2