

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054473.D
 Acq On : 20 Mar 2019 19:40
 Operator : JC/SP
 Sample : K1994-05
 Misc : 4.34g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40021

Quant Time: Mar 22 05:24:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

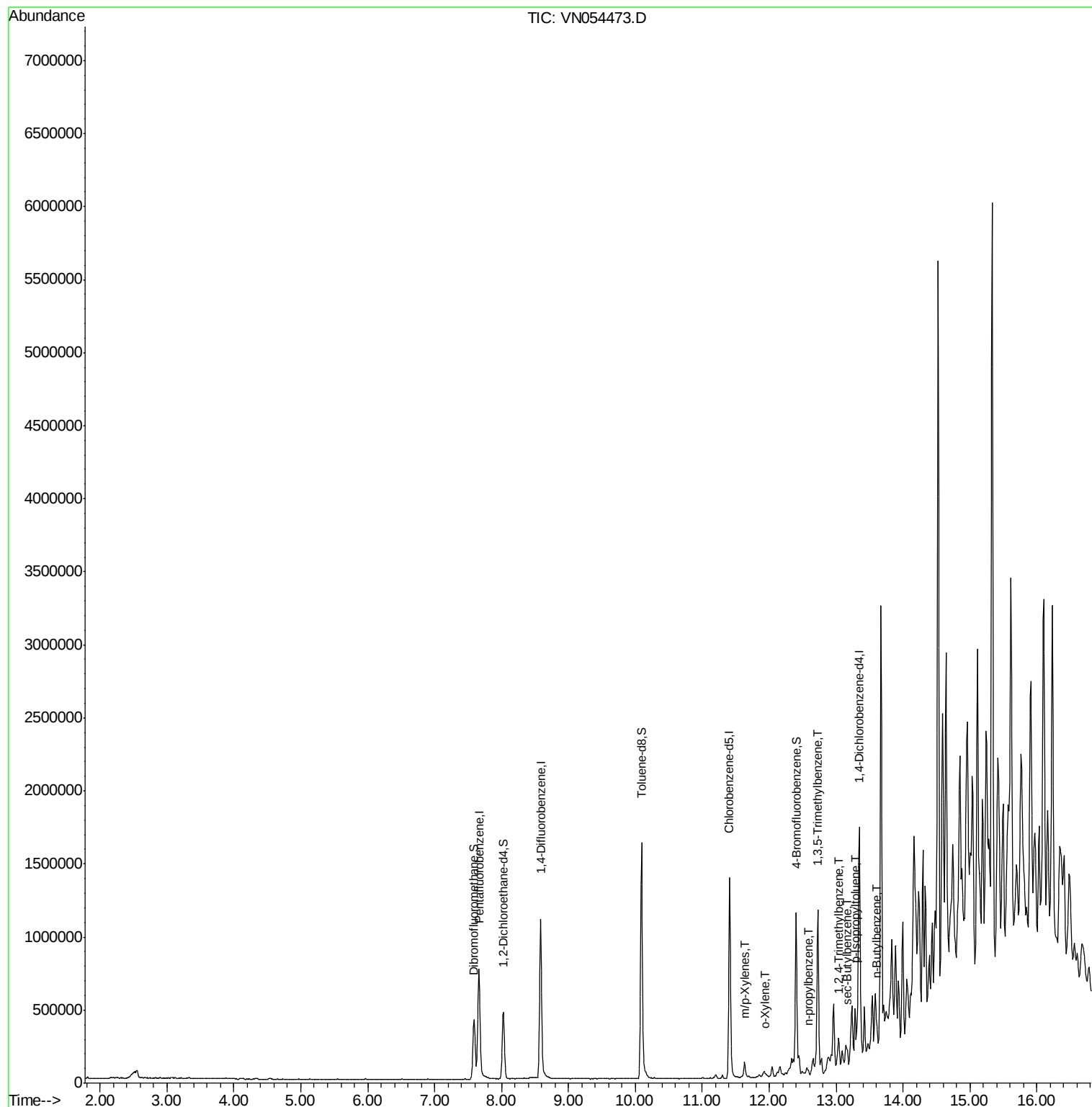
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	707003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1038049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	856832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	399320	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	7.59	113	308670	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	10.09	98	1239232	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	393878	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.62	106	3099	0.266	ug/l	89
69) o-Xylene	11.95	106	2976	0.261	ug/l	95
78) n-propylbenzene	12.59	91	18939	0.583	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	38407	1.564	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	92654	3.846	ug/l	96
85) sec-Butylbenzene	13.17	105	33629	1.262	ug/l	95
86) p-Isopropyltoluene	13.29	119	28661	1.203	ug/l	96
89) n-Butylbenzene	13.61	91	50753	2.723	ug/l #	72

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054473.D

Acq: 20 Mar 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

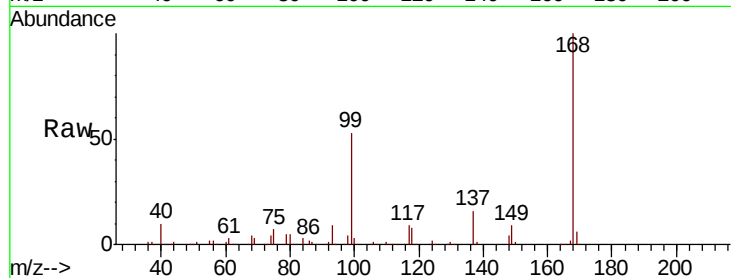
40021

Tot Ion:168 Resp: 707003

Ion Ratio Lower Upper

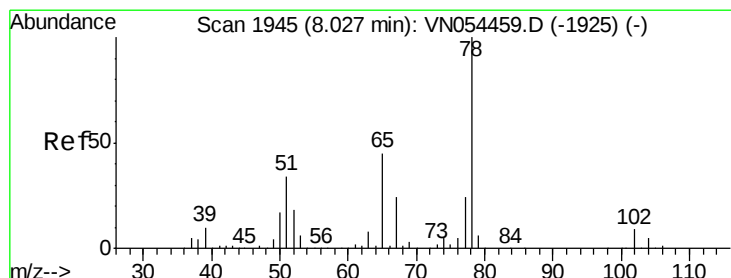
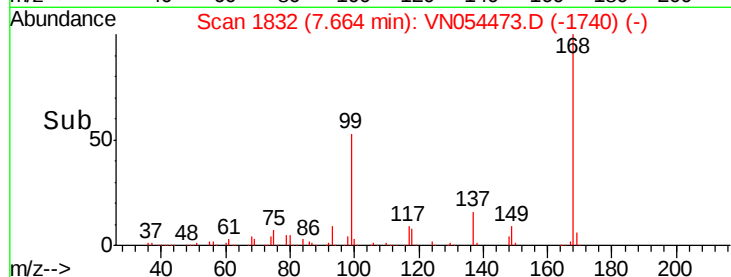
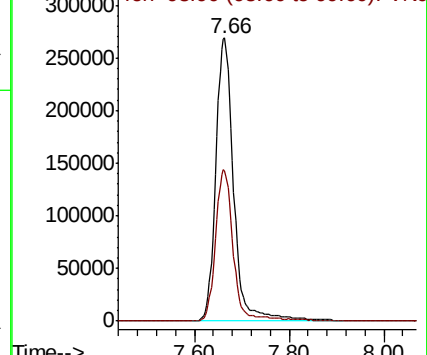
168 100

99 53.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.408 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054473.D

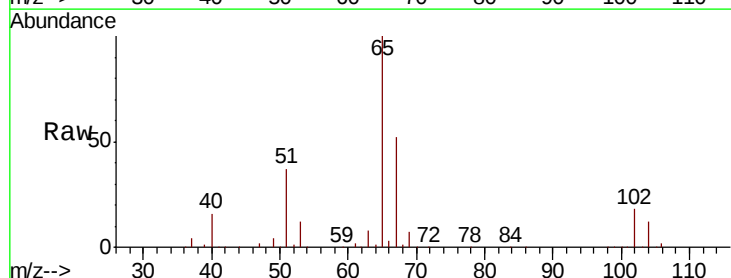
Acq: 20 Mar 2019 19:40

Tgt Ion: 65 Resp: 399320

Ion Ratio Lower Upper

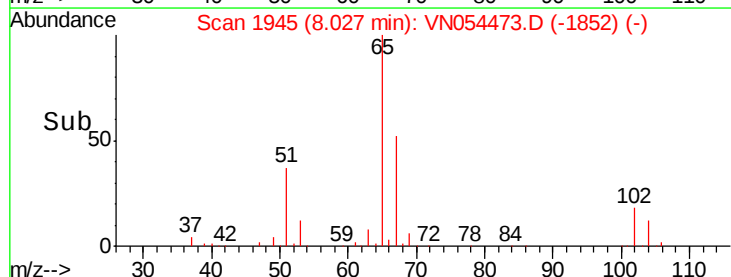
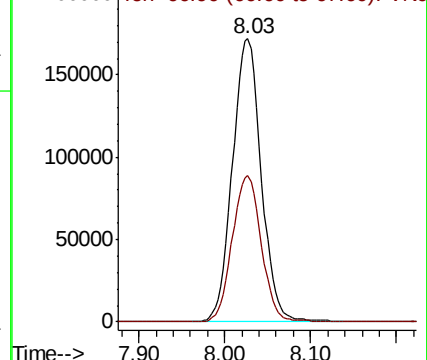
65 100

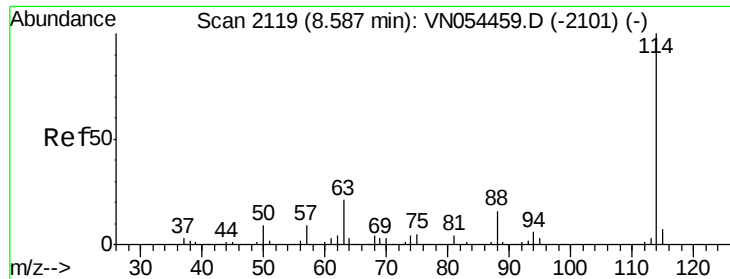
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054473.D

Acq: 20 Mar 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

40021

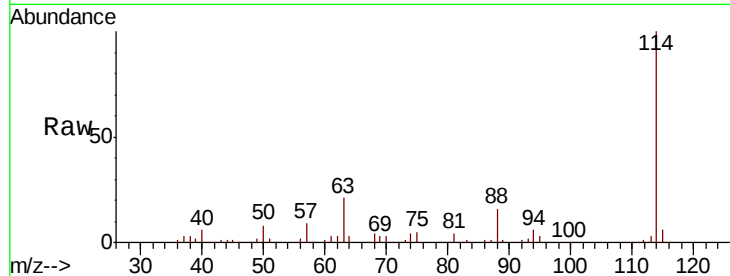
Tot Ion:114 Resp: 1038049

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.2

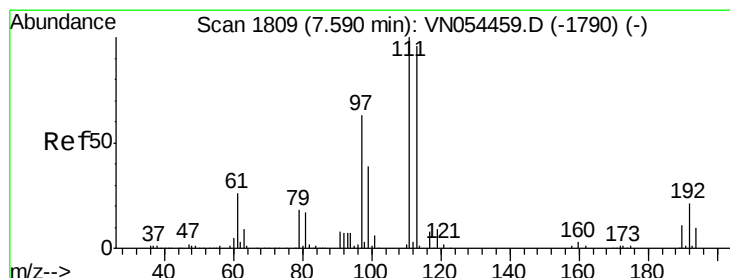
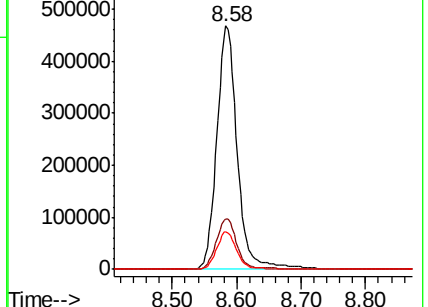
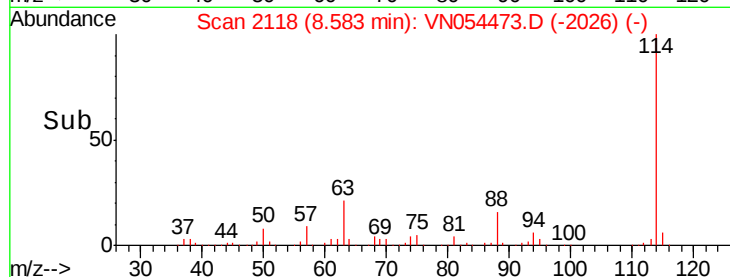
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.155 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054473.D

Acq: 20 Mar 2019 19:40

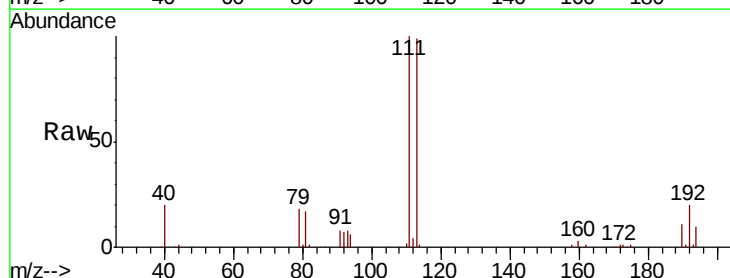
Tgt Ion:113 Resp: 308670

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

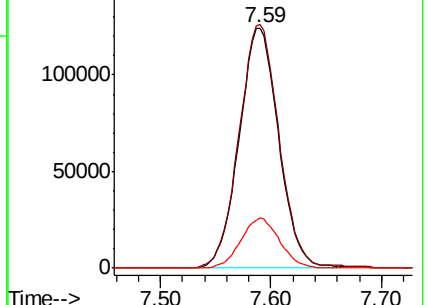
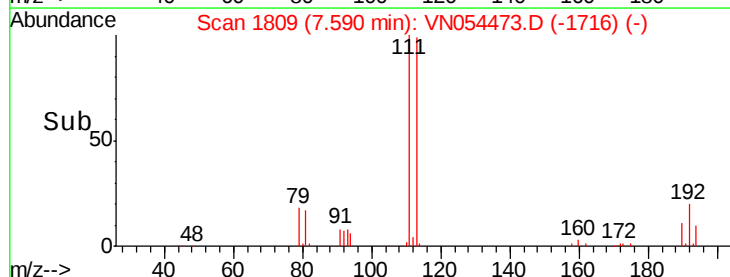
192 20.5 19.2 28.8

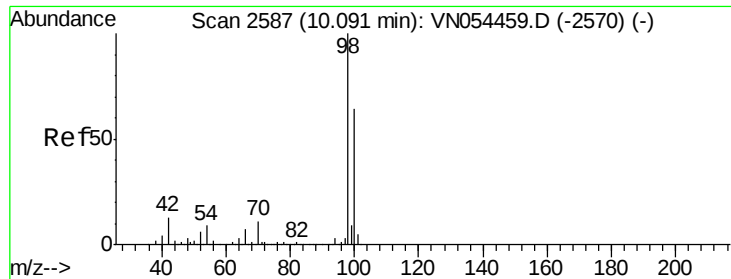


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

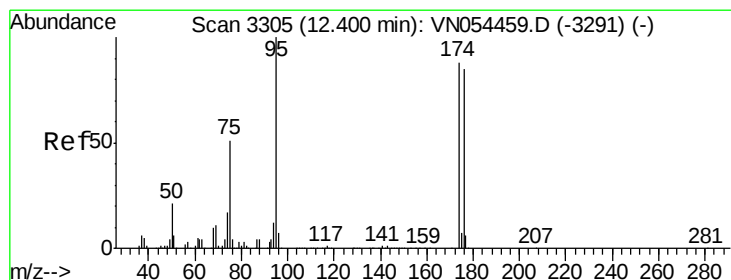
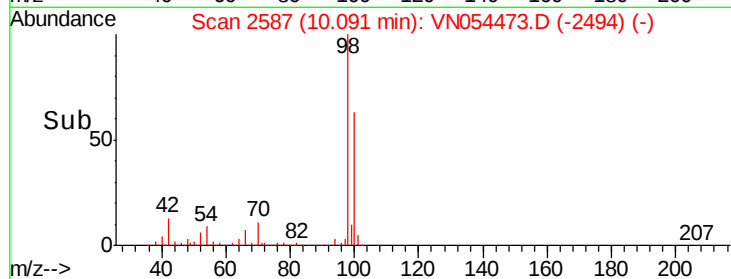
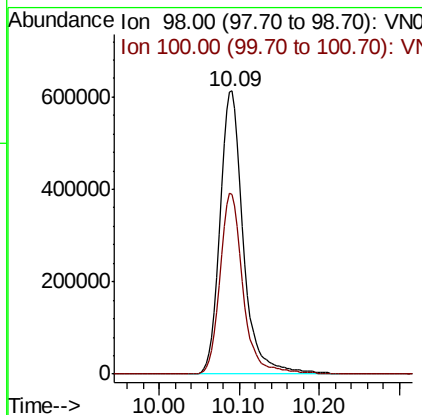
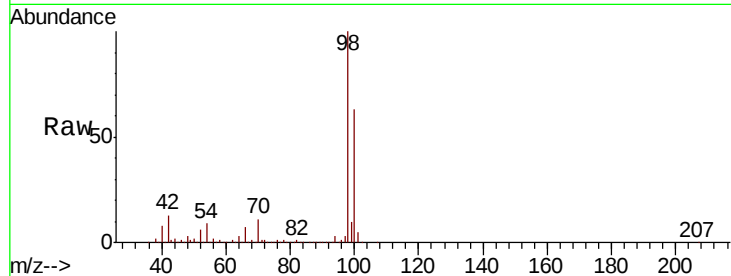




#50
Toluene-d8
Concen: 49.291 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

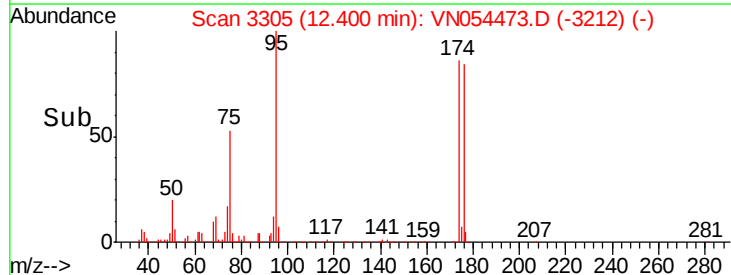
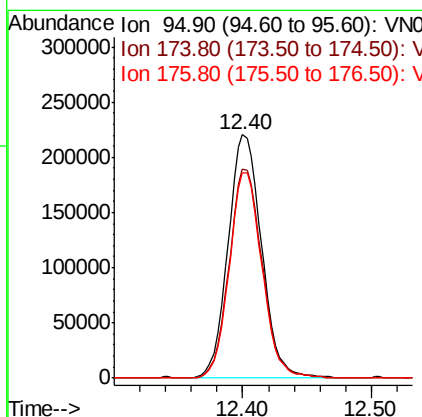
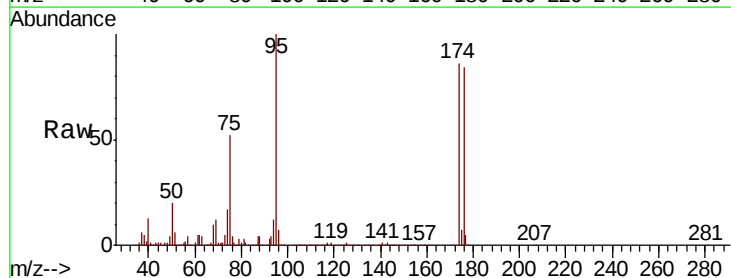
Instrument :
MSVOA_N
ClientSampleId :
40021

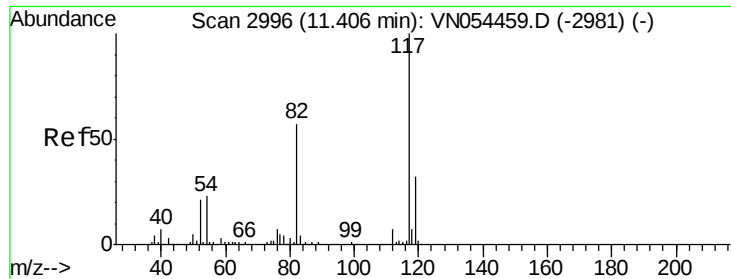
Tot Ion: 98 Resp: 1239232
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.040 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

Tgt Ion: 95 Resp: 393878
Ion Ratio Lower Upper
95 100
174 86.0 0.0 191.0
176 83.2 0.0 187.4

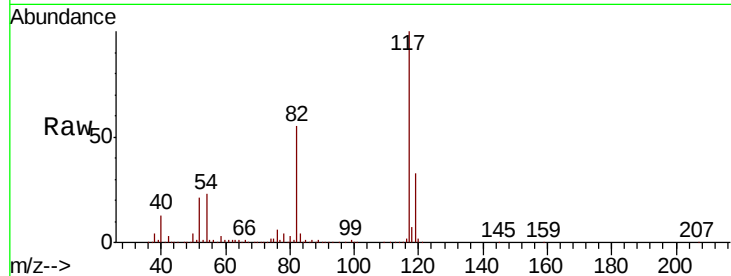




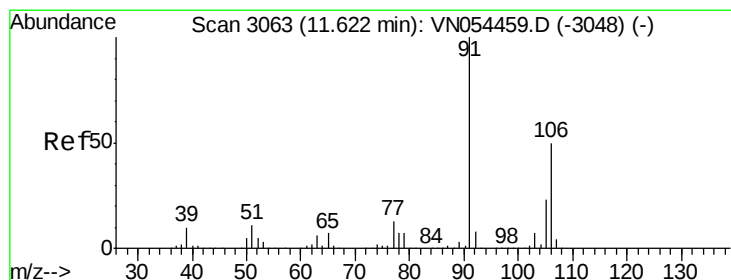
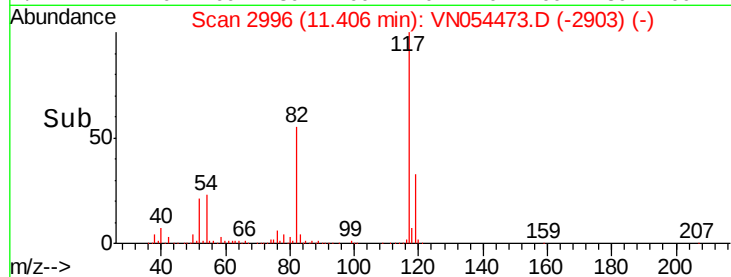
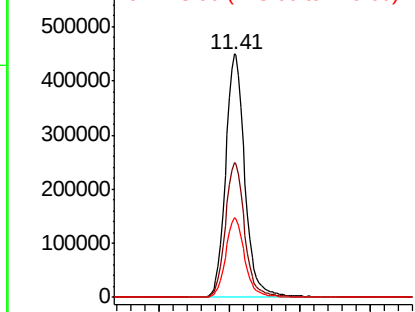
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

Instrument :
MSVOA_N
ClientSampled :
40021

Tot Ion:117 Resp: 856832
Ion Ratio Lower Upper
117 100
82 55.3 40.0 60.0
119 32.6 25.8 38.6

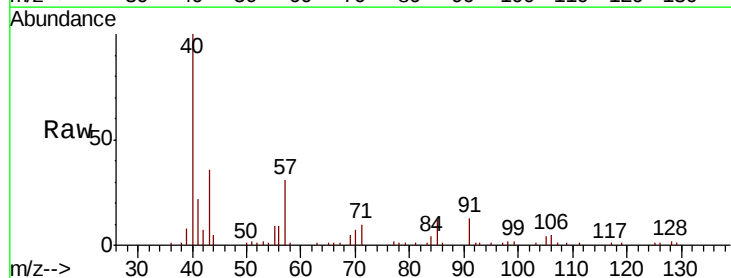


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

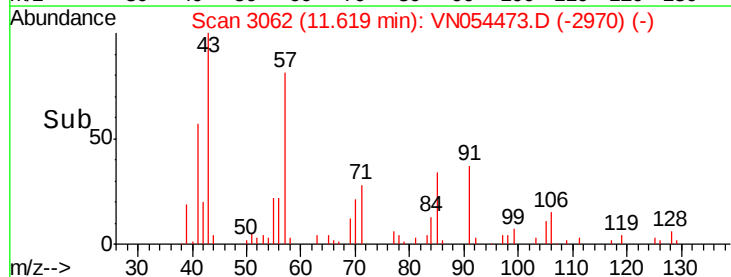
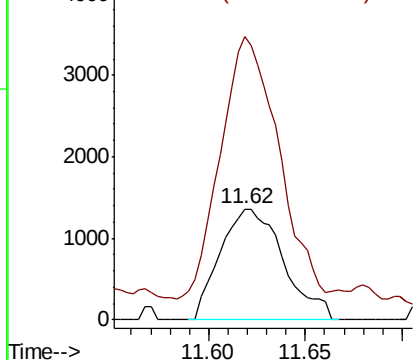


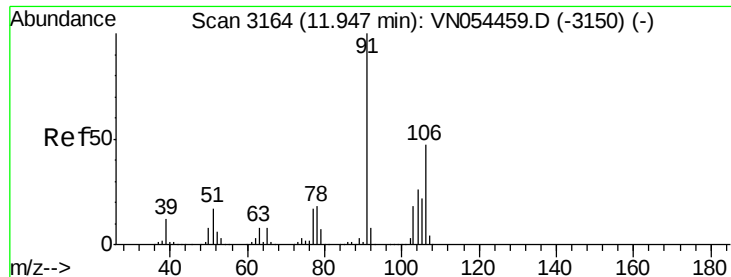
#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

Tgt Ion:106 Resp: 3099
Ion Ratio Lower Upper
106 100
91 215.3 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

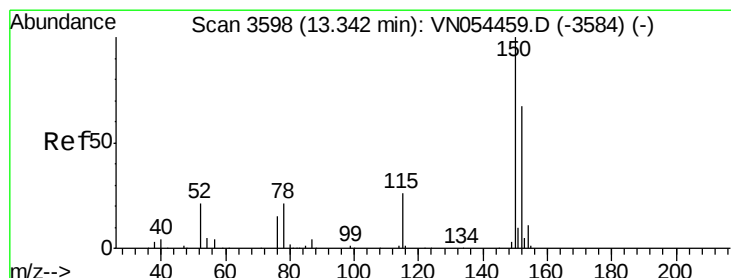
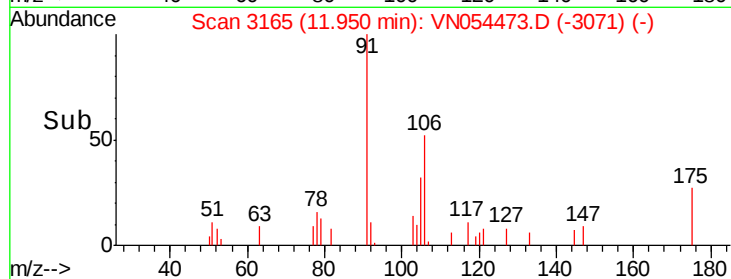
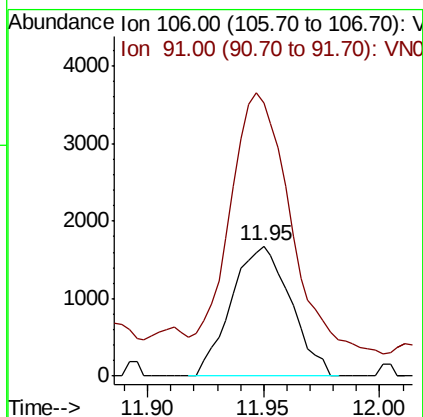
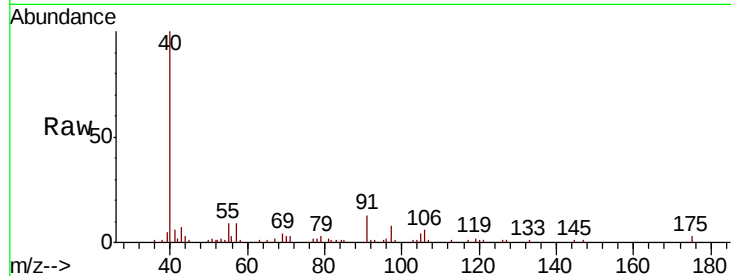




#69
o-Xylene
Concen: 0.261 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

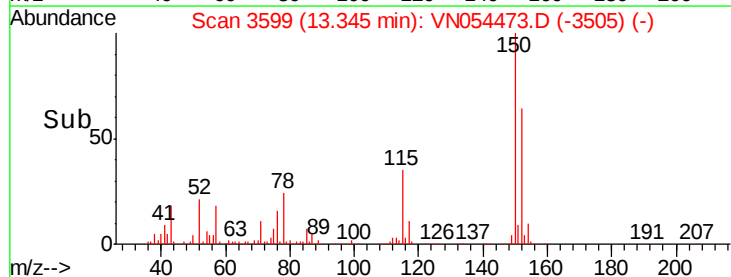
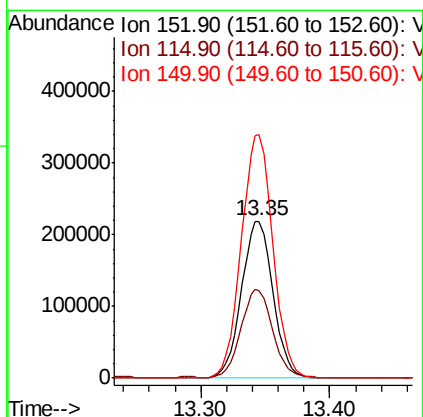
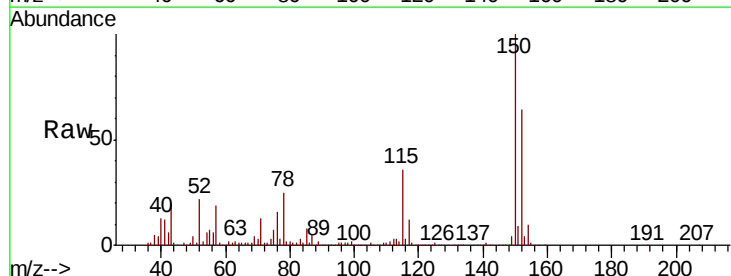
Instrument :
MSVOA_N
ClientSampled :
40021

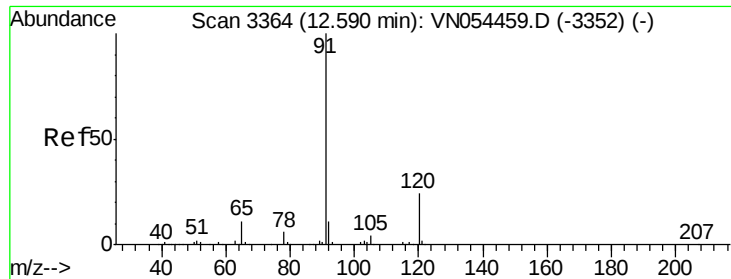
Tot Ion:106 Resp: 2976
Ion Ratio Lower Upper
106 100
91 204.0 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054473.D
Acq: 20 Mar 2019 19:40

Tgt Ion:152 Resp: 371718
Ion Ratio Lower Upper
152 100
115 57.0 27.2 81.6
150 155.9 0.0 349.2





#78

n-propylbenzene

Concen: 0.583 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054473.D

Acq: 20 Mar 2019 19:40

Instrument :

MSVOA_N

ClientSampleId :

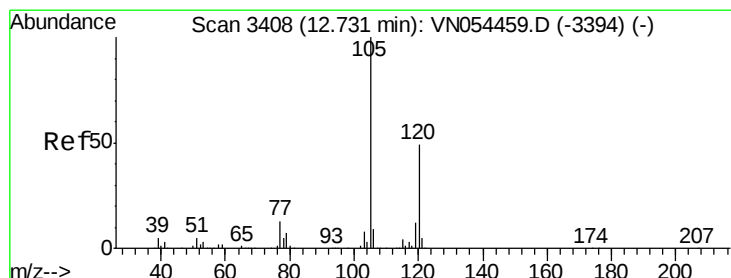
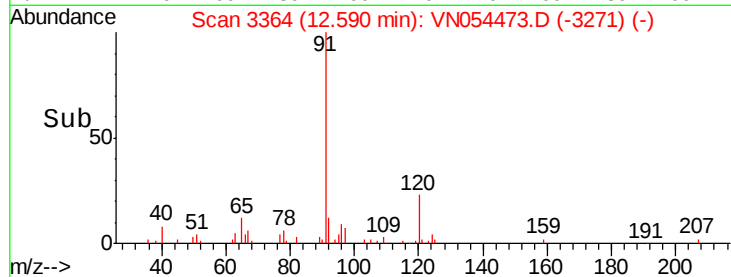
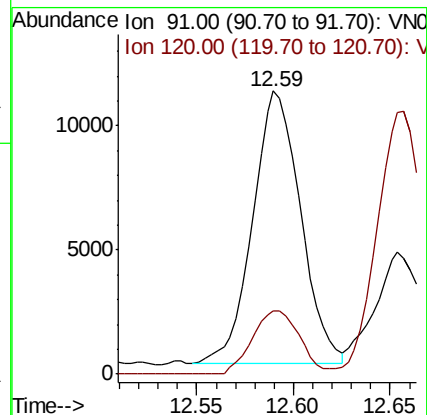
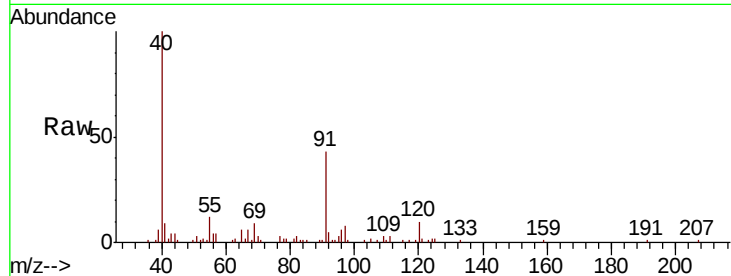
40021

Tot Ion: 91 Resp: 18939

Ion Ratio Lower Upper

91 100

120 22.9 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 1.564 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054473.D

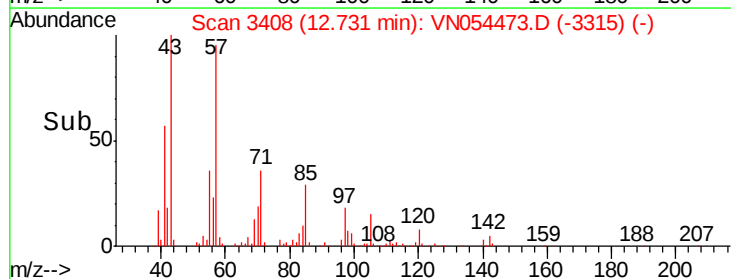
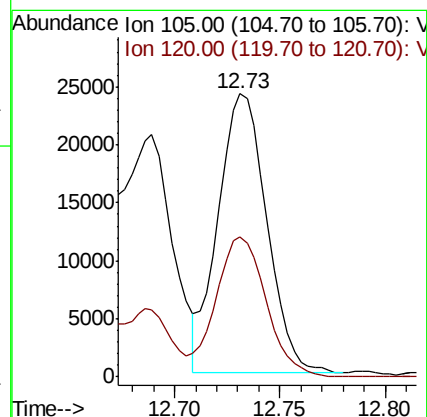
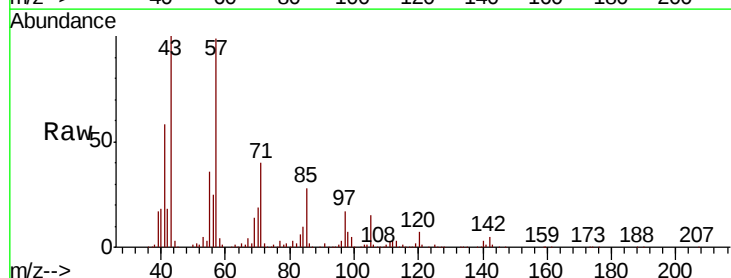
Acq: 20 Mar 2019 19:40

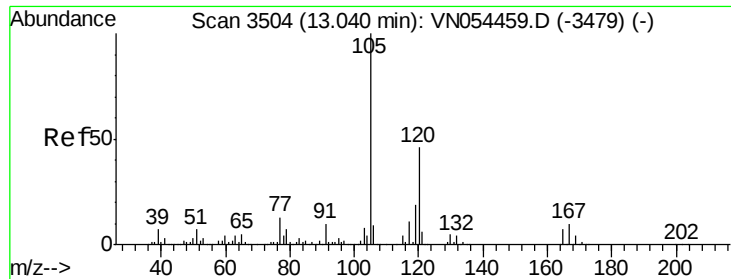
Tgt Ion: 105 Resp: 38407

Ion Ratio Lower Upper

105 100

120 52.3 25.0 75.0

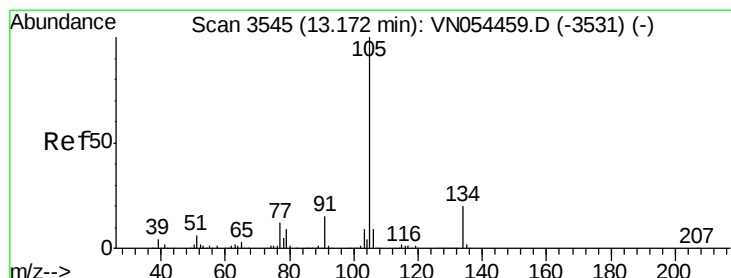
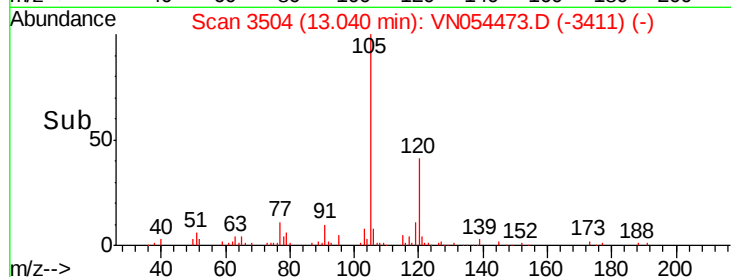
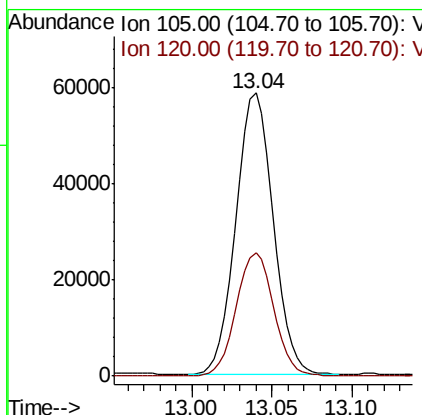
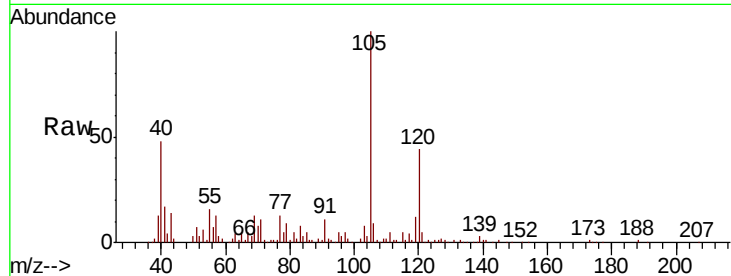




#84
 1,2,4-Trimethylbenzene
 Concen: 3.846 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054473.D
 Acq: 20 Mar 2019 19:40

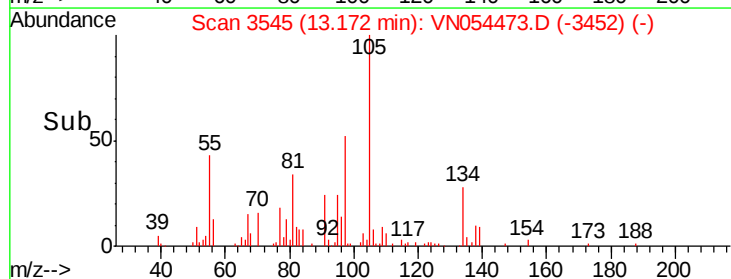
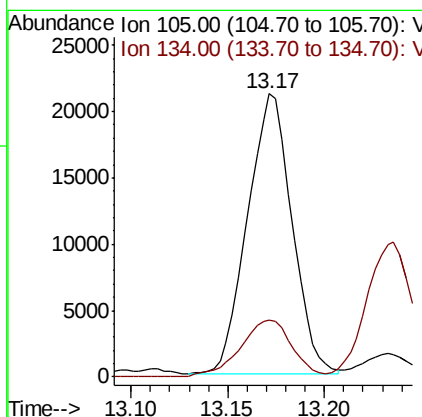
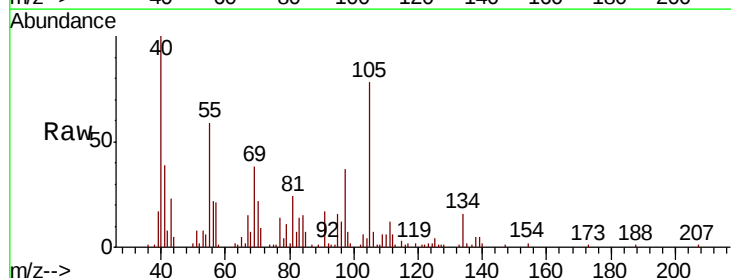
Instrument :
 MSVOA_N
 ClientSampleId :
 40021

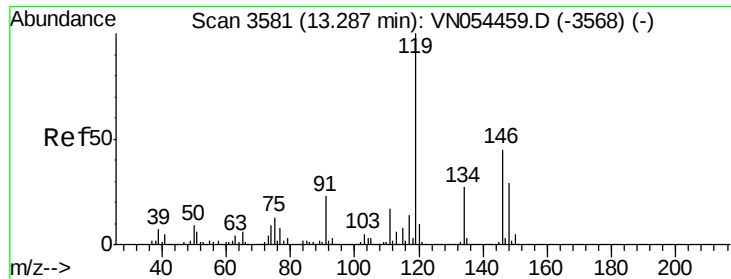
Tot Ion:105 Resp: 92654
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 1.262 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN054473.D
 Acq: 20 Mar 2019 19:40

Tgt Ion:105 Resp: 33629
 Ion Ratio Lower Upper
 105 100
 134 23.5 10.7 32.1

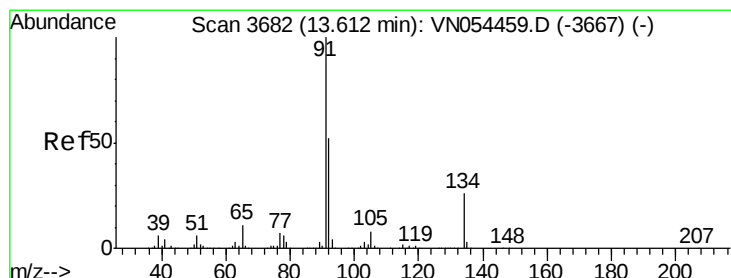
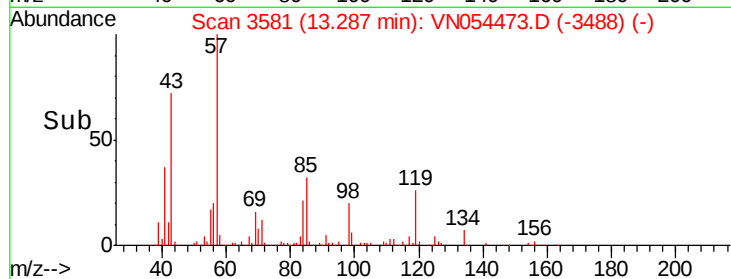
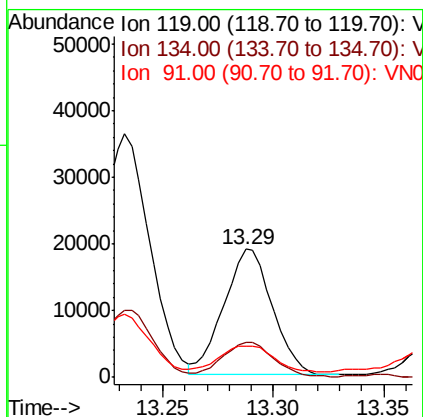
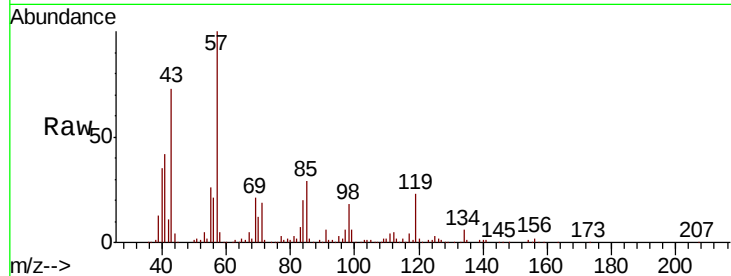




#86
 p-Isopropyltoluene
 Concen: 1.203 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN054473.D
 Acq: 20 Mar 2019 19:40

Instrument :
 MSVOA_N
 ClientSampled :
 40021

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.6	40.8
91	23.1	11.1	33.3



#89
 n-Butylbenzene
 Concen: 2.723 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054473.D
 Acq: 20 Mar 2019 19:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.5	26.2	78.6
134	0.0	14.3	42.9

