

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052040.D
 Acq On : 26 Oct 2018 20:33
 Operator : MD\SY
 Sample : J5665-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DL-08A

Quant Time: Oct 27 01:04:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

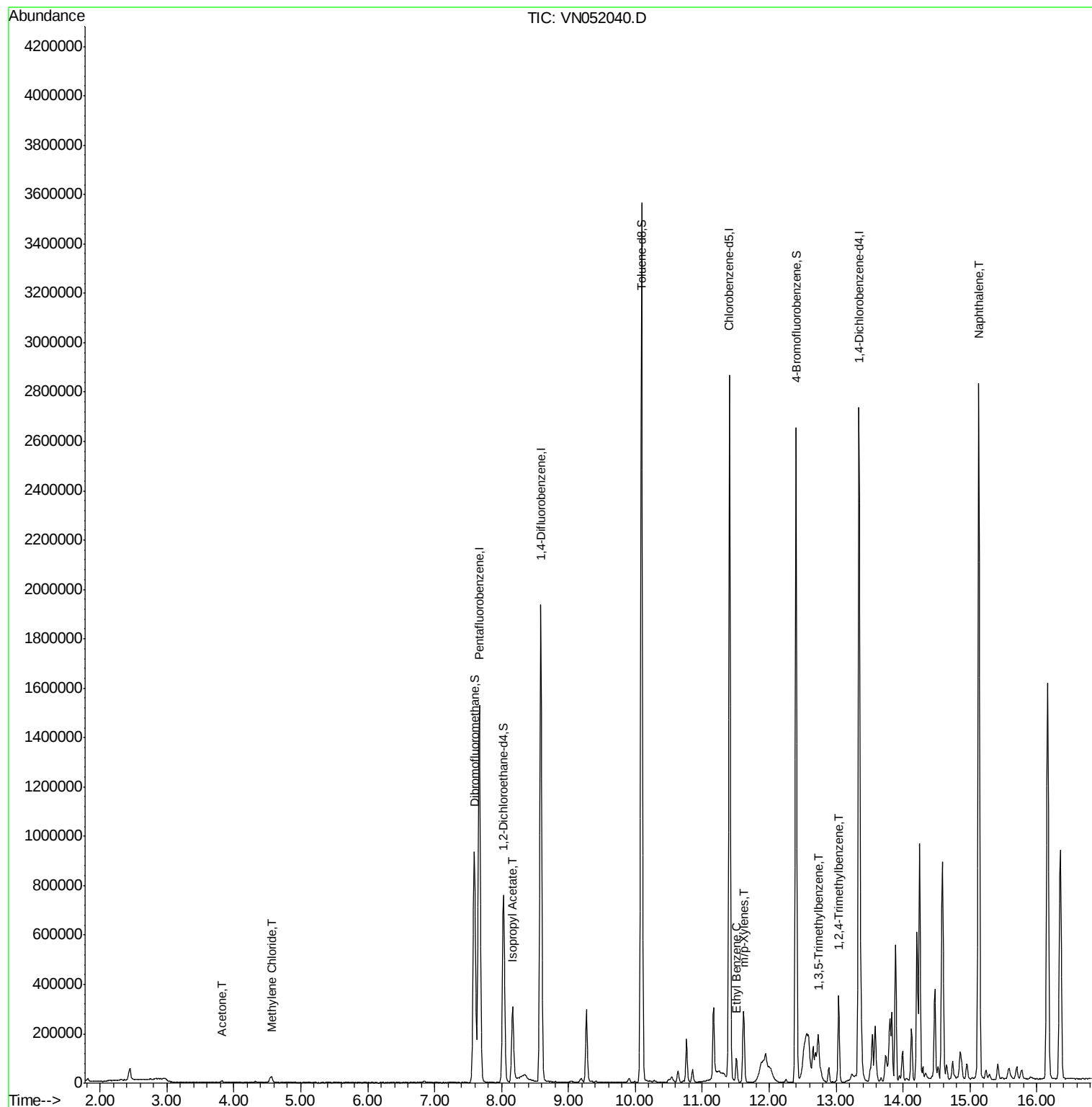
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1455267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1970803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1818741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	841586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	641447	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.59	113	698876	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
50) Toluene-d8	10.09	98	2623560	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
62) 4-Bromofluorobenzene	12.40	95	809865	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	9595	4.493	ug/l	95
20) Methylene Chloride	4.55	84	21085	1.683	ug/l	91
43) Isopropyl Acetate	8.17	43	356156	28.131	ug/l	99
67) Ethyl Benzene	11.51	91	69913	1.184	ug/l	99
68) m/p-Xylenes	11.62	106	103623	4.394	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	48767	1.139	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	205461	4.652	ug/l	100
95) Naphthalene	15.13	128	2557630	75.858	ug/l	100

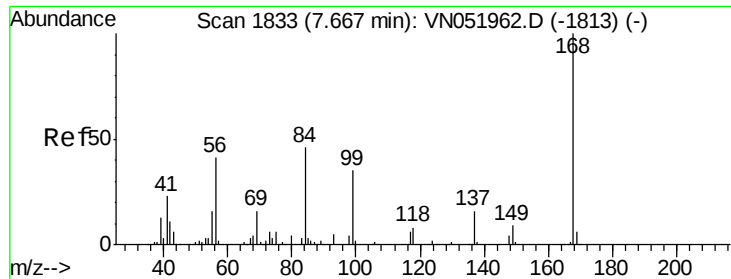
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
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DL-08A

Quant Time: Oct 27 01:04:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
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: VN052040.D

Acq: 26 Oct 2018 20:33

Instrument :

MSVOA_N

ClientSampleId :

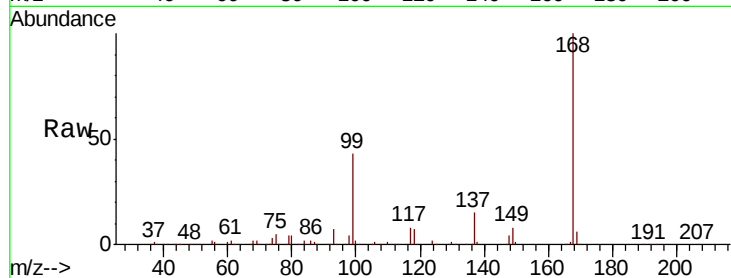
DL-08A

Tot Ion:168 Resp: 1455267

Ion Ratio Lower Upper

168 100

99 43.1 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN052040.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052040.D (-1740) (-)

7.67

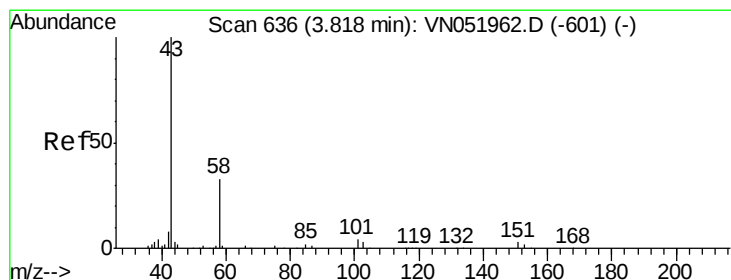
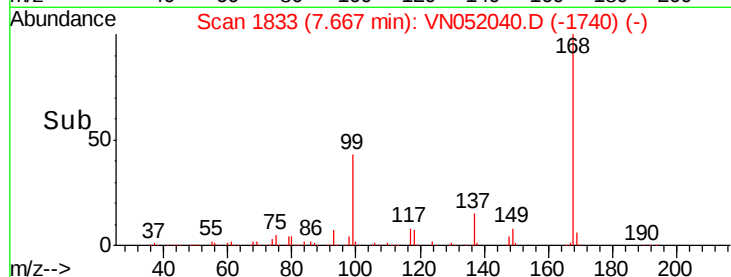
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 4.493 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052040.D

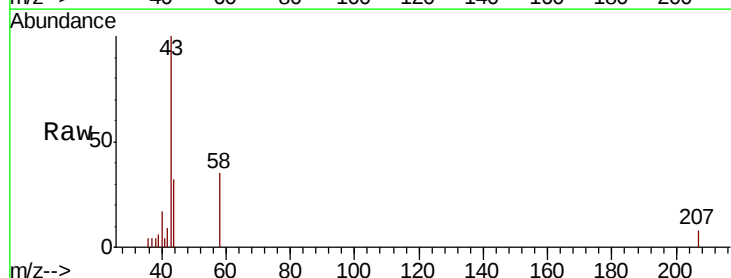
Acq: 26 Oct 2018 20:33

Tgt Ion: 43 Resp: 9595

Ion Ratio Lower Upper

43 100

58 36.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN052040.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN052040.D (-543) (-)

3.82

5000

4000

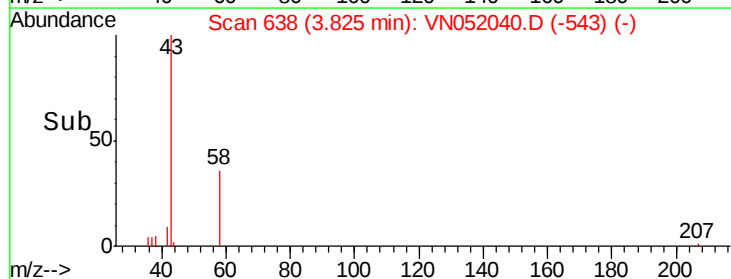
3000

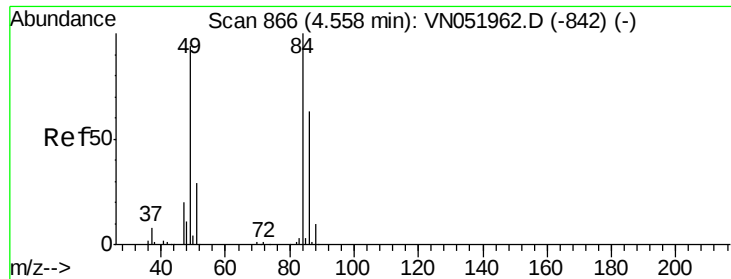
2000

1000

0

Time-->

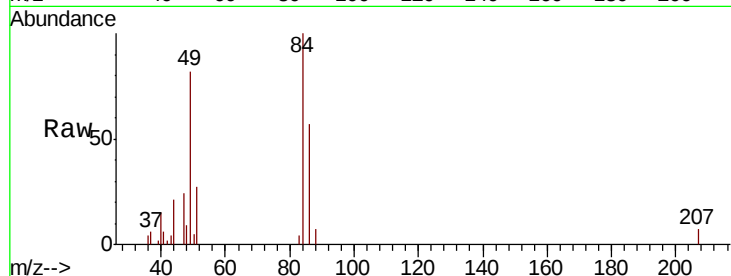




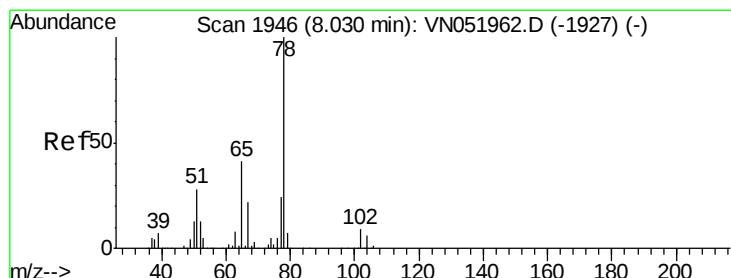
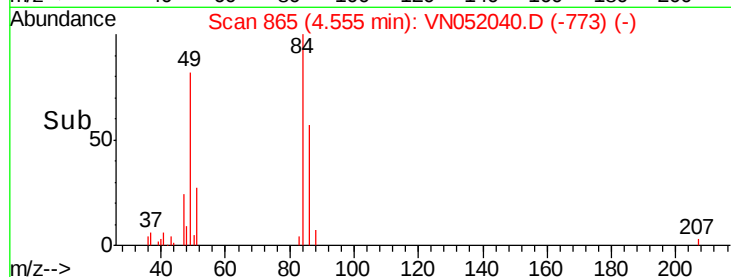
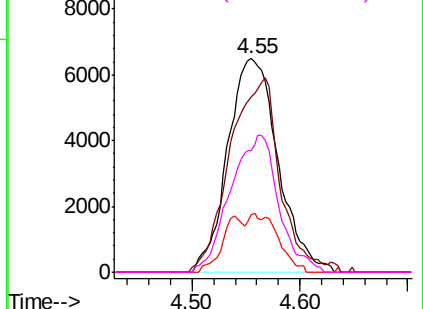
#20
Methvlene Chloride
Concen: 1.683 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

Instrument :
MSVOA_N
ClientSampled :
DL-08A

Tot Ion:	84	Resp:	21085
Ion	Ratio	Lower	Upper
84	100		
49	82.1	75.4	113.0
51	27.2	23.1	34.7
86	57.1	50.2	75.4

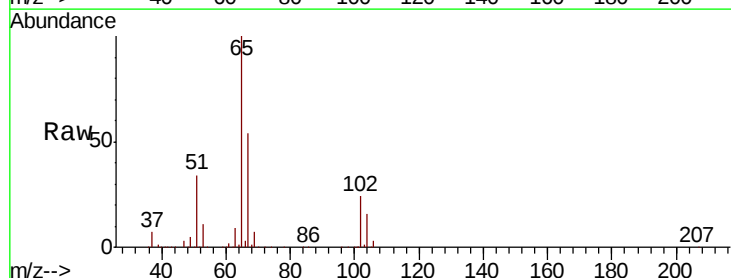


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

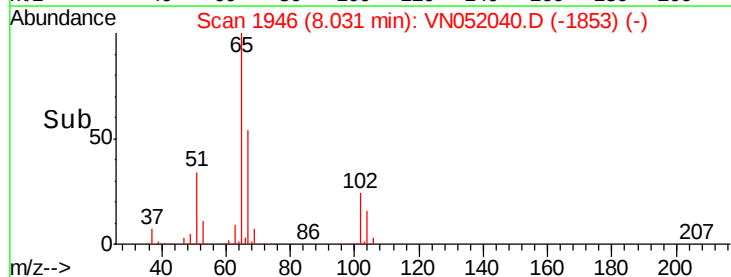
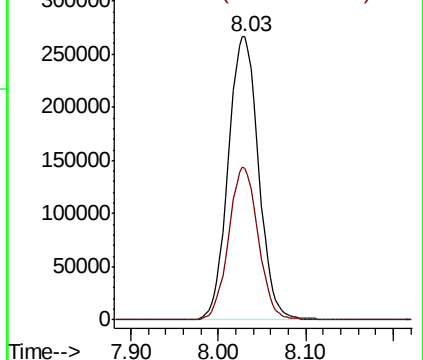


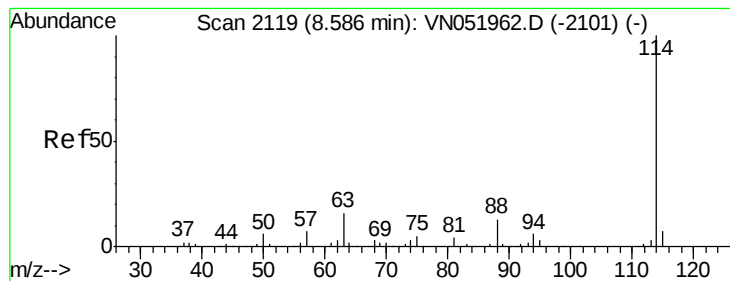
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

Tgt Ion:	65	Resp:	641447
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

Instrument :

MSVOA_N

ClientSampleId :

DL-08A

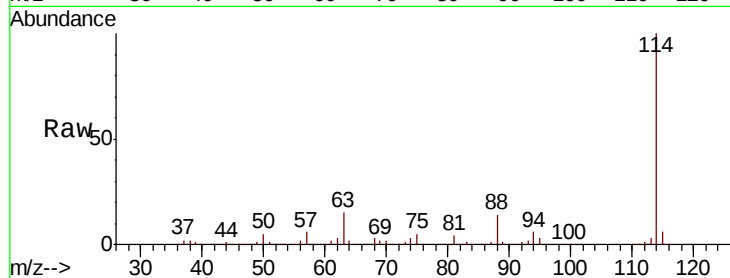
Tot Ion:114 Resp: 1970803

Ion Ratio Lower Upper

114 100

63 15.0 0.0 31.2

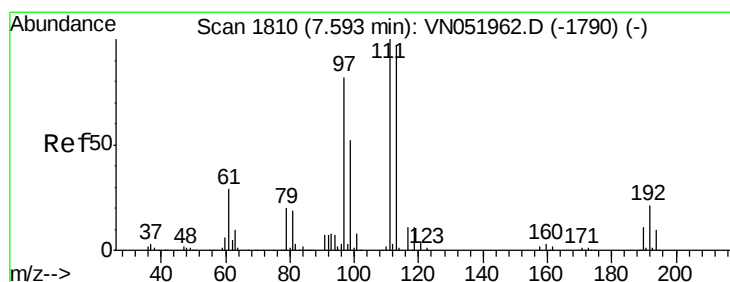
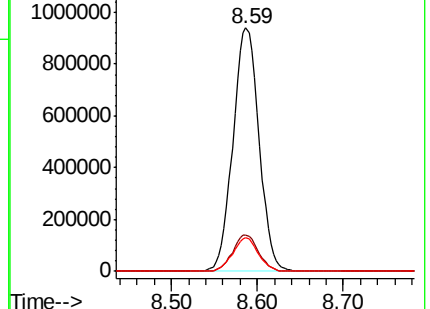
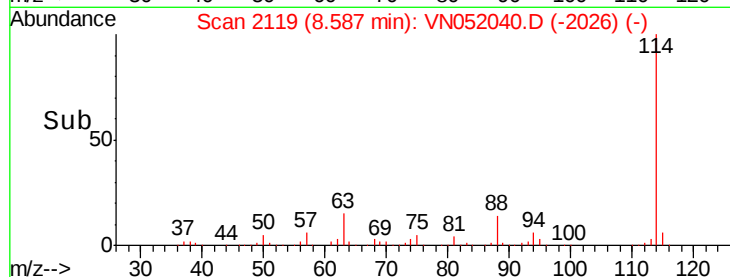
88 13.6 0.0 27.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

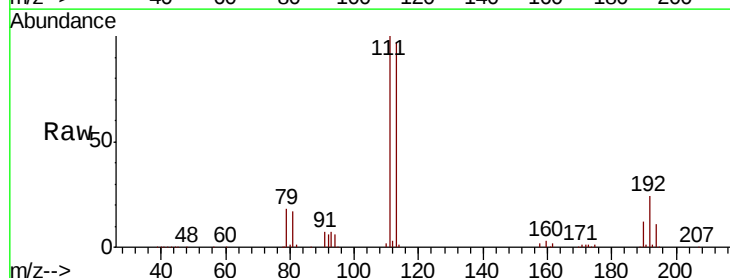
Tgt Ion:113 Resp: 698876

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

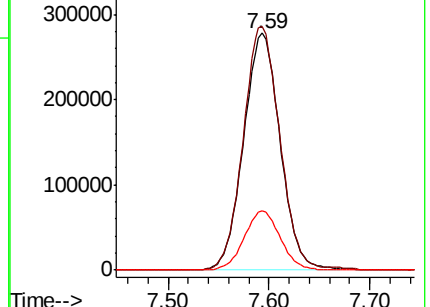
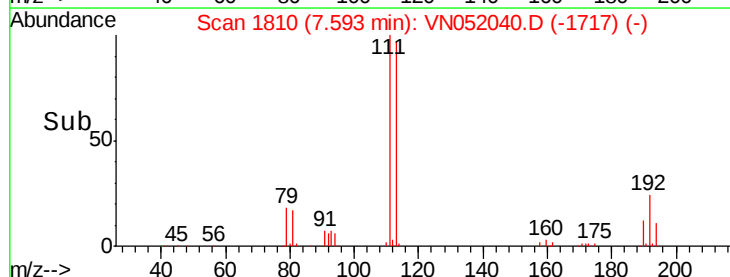
192 24.6 17.2 25.8

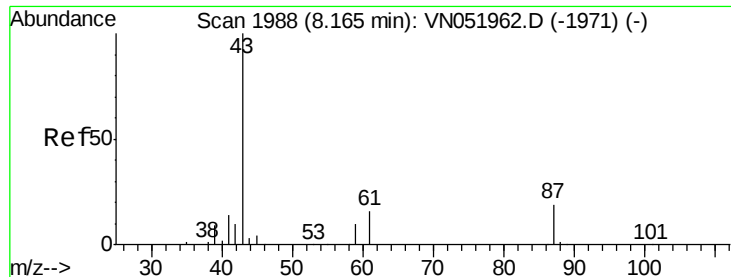


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 28.131 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

Instrument :

MSVOA_N

ClientSampleId :

DL-08A

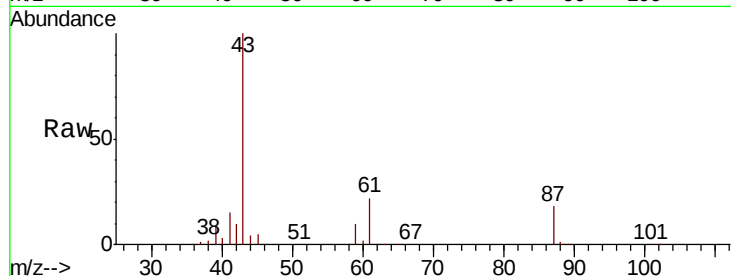
Tot Ion: 43 Resp: 356156

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

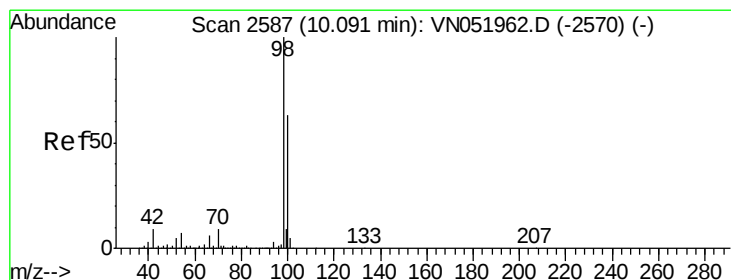
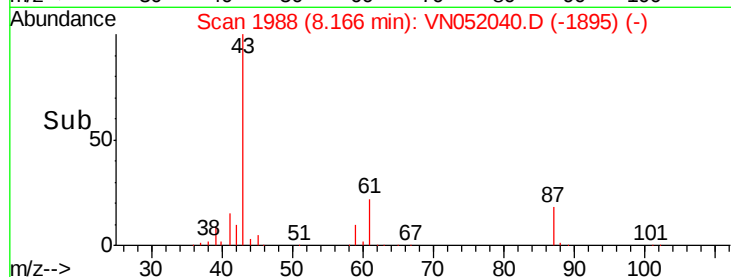
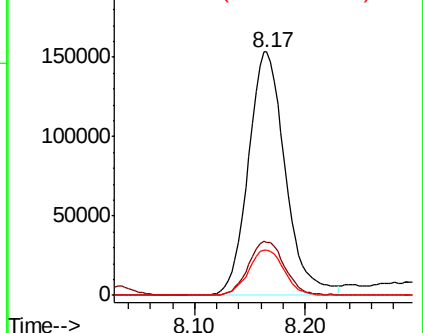
87 17.9 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN051962.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN051962.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052040.D

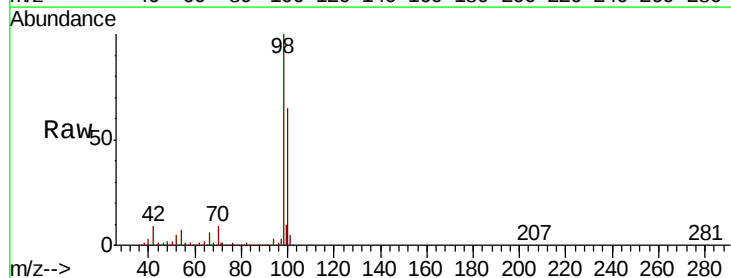
Acq: 26 Oct 2018 20:33

Tgt Ion: 98 Resp: 2623560

Ion Ratio Lower Upper

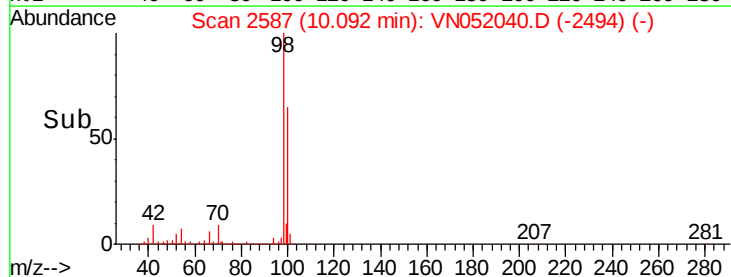
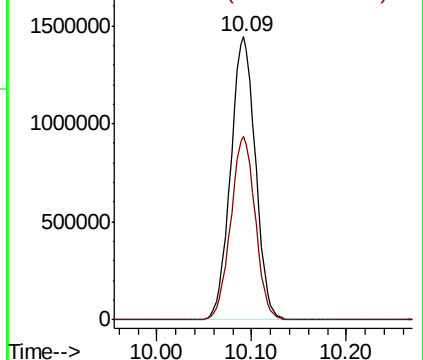
98 100

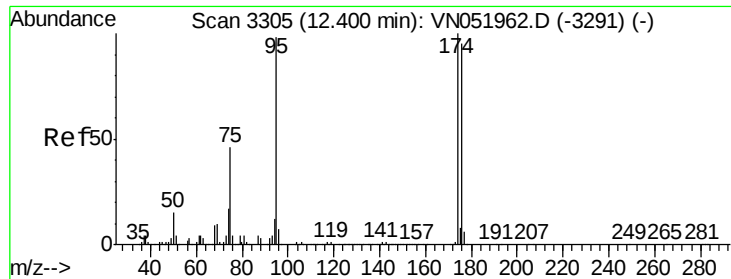
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN051962.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051962.D (-2570) (-)

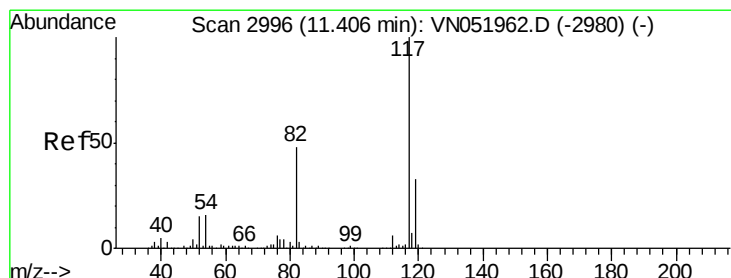
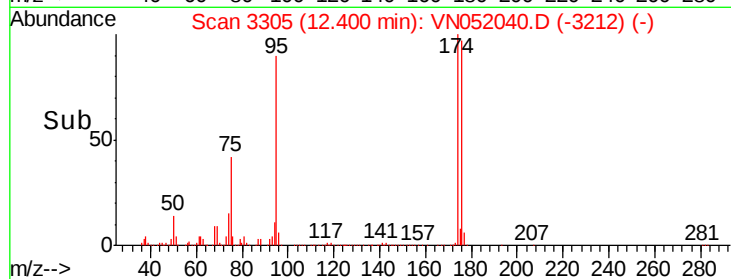
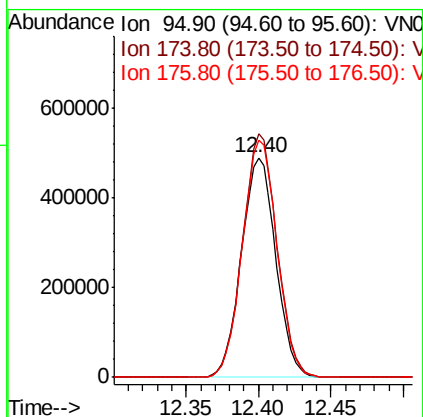
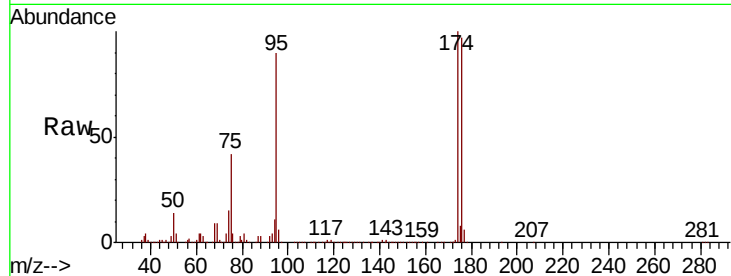




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

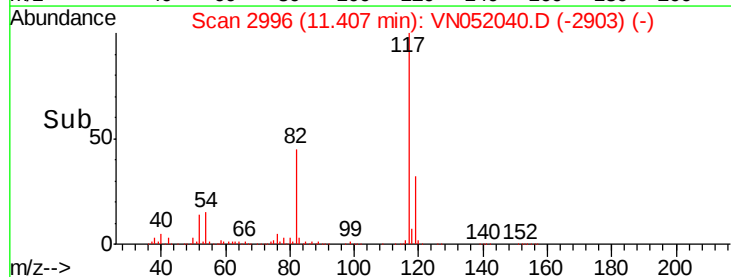
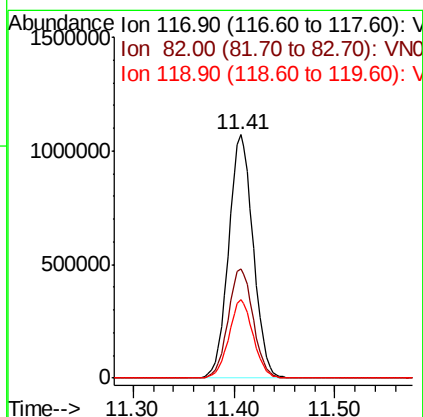
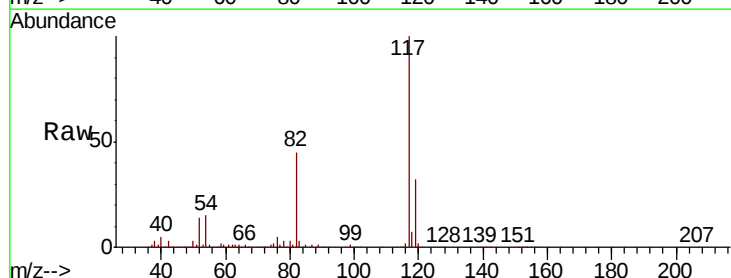
Instrument :
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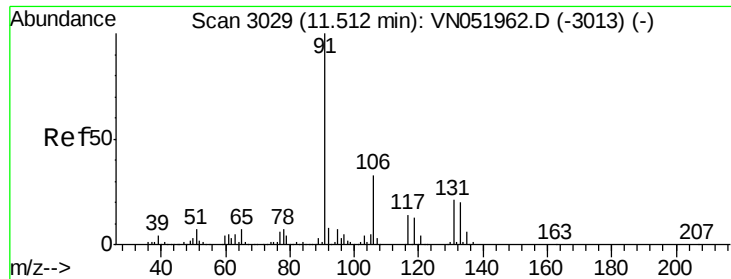
Tot Ion: 95 Resp: 809865
Ion Ratio Lower Upper
95 100
174 111.0 0.0 206.0
176 108.4 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

Tgt Ion: 117 Resp: 1818741
Ion Ratio Lower Upper
117 100
82 44.8 38.1 57.1
119 32.2 26.4 39.6

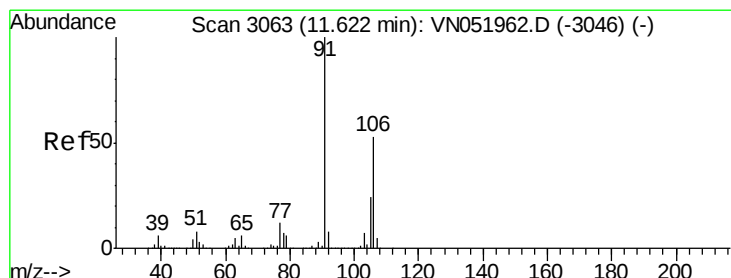
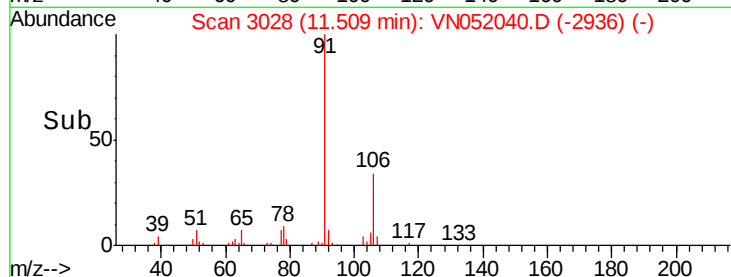
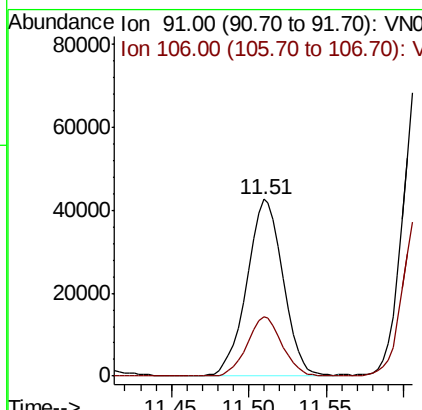
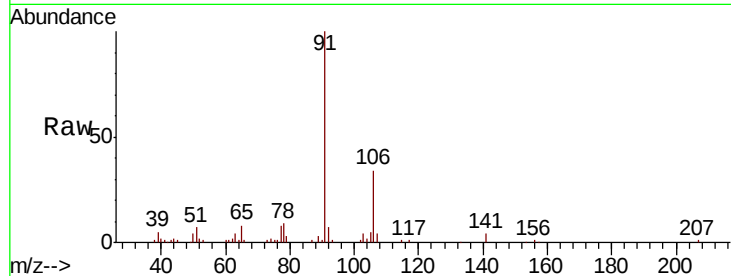




#67
Ethyl Benzene
Concen: 1.184 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

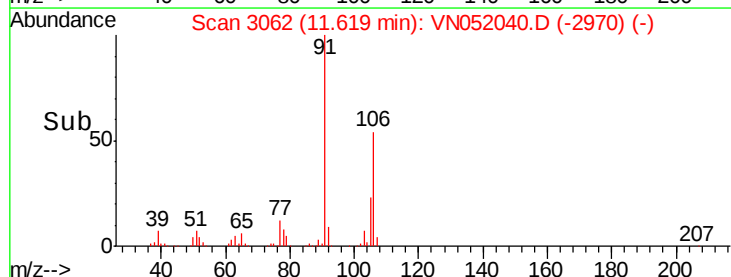
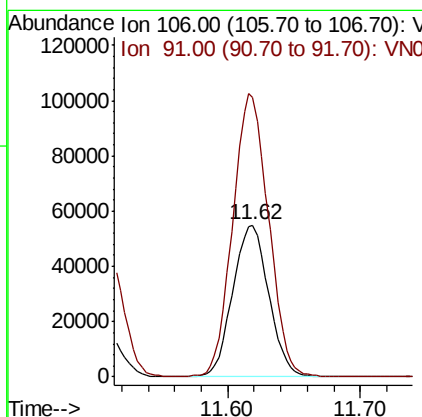
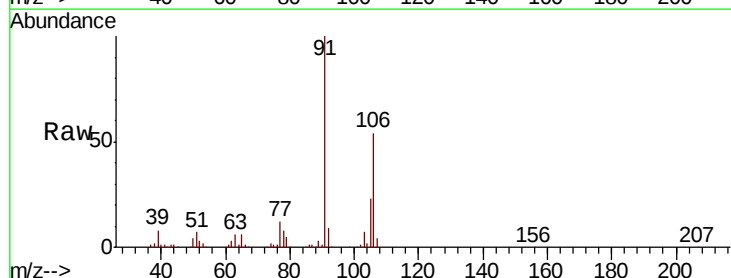
Instrument :
MSVOA_N
ClientSampled :
DL-08A

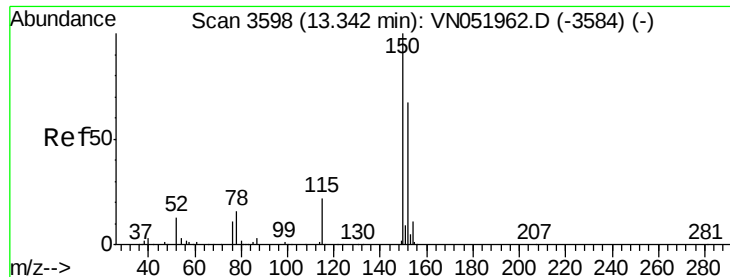
Tot Ion: 91 Resp: 69913
Ion Ratio Lower Upper
91 100
106 33.7 26.4 39.6



#68
m/p-Xylenes
Concen: 4.394 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052040.D
Acq: 26 Oct 2018 20:33

Tgt Ion: 106 Resp: 103623
Ion Ratio Lower Upper
106 100
91 184.2 152.2 228.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

Instrument :

MSVOA_N

ClientSampleId :

DL-08A

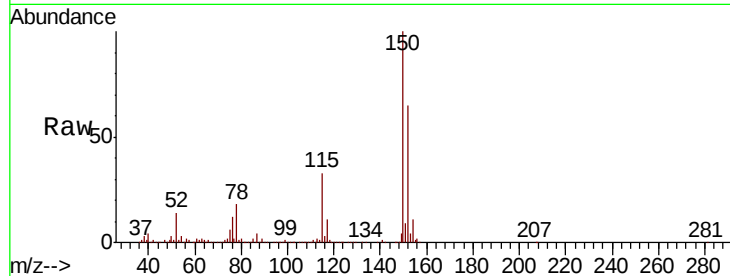
Tot Ion:152 Resp: 841586

Ion Ratio Lower Upper

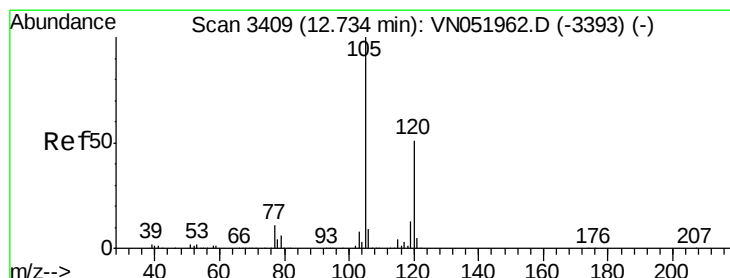
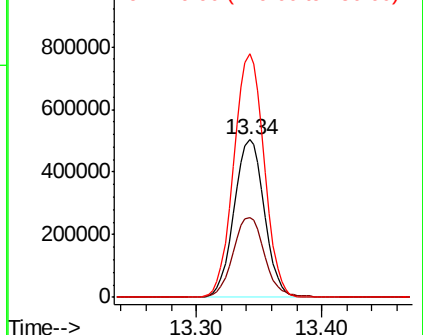
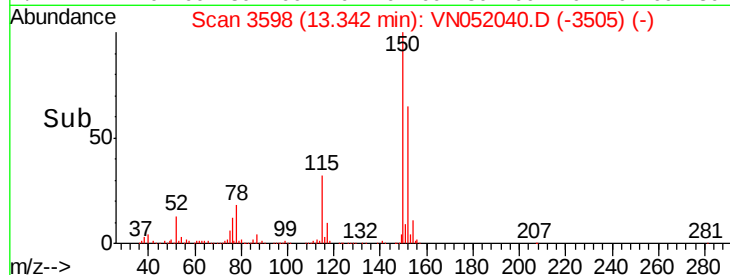
152 100

115 53.7 25.8 77.3

150 155.3 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.139 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052040.D

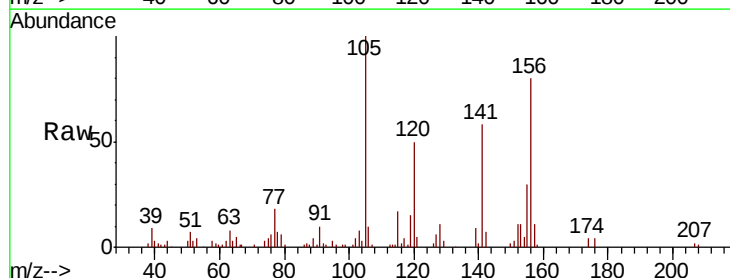
Acq: 26 Oct 2018 20:33

Tgt Ion:105 Resp: 48767

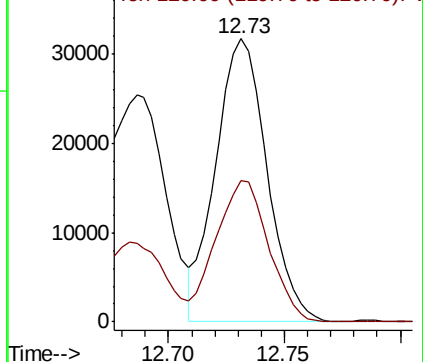
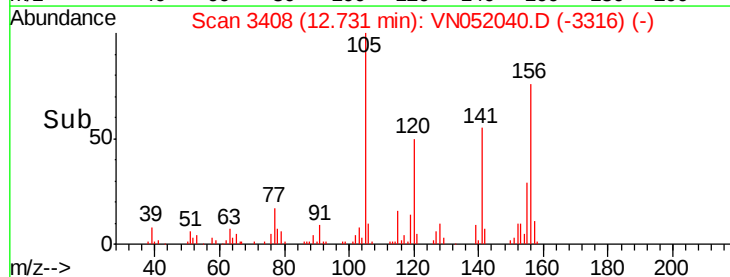
Ion Ratio Lower Upper

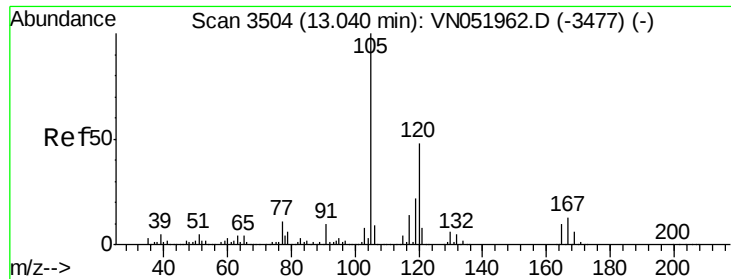
105 100

120 51.2 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.652 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

Instrument :

MSVOA_N

ClientSampleId :

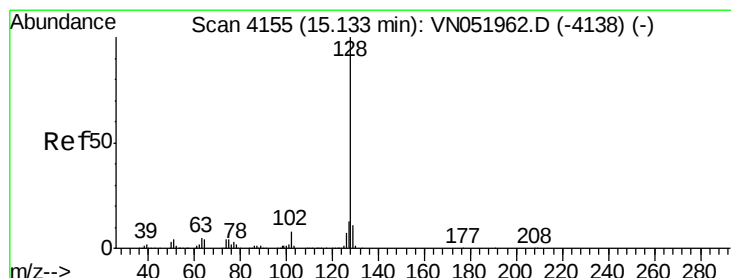
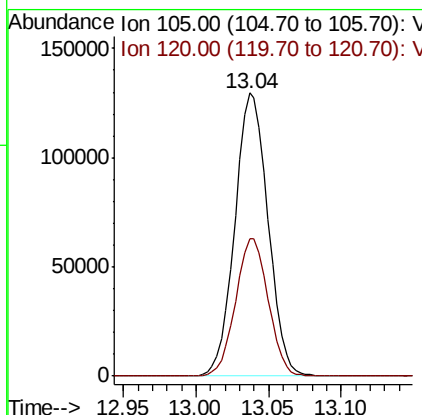
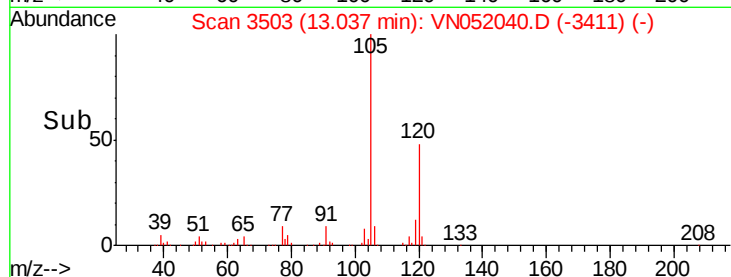
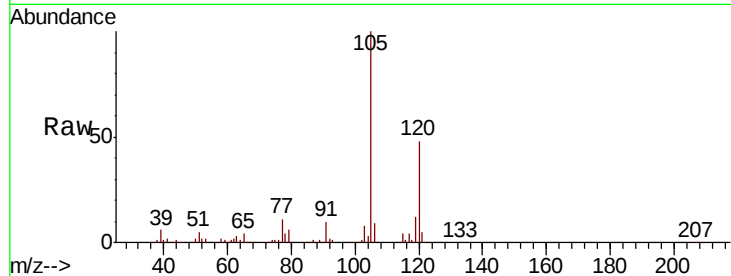
DL-08A

Tot Ion:105 Resp: 205461

Ion Ratio Lower Upper

105 100

120 48.0 23.8 71.5



#95

Naphthalene

Concen: 75.858 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052040.D

Acq: 26 Oct 2018 20:33

Tgt Ion:128 Resp: 2557630

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 13.0

