

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050525.D
 Acq On : 10 Aug 2018 18:16
 Operator : MD\SY
 Sample : PB111921ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#04

Quant Time: Aug 11 00:59:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1099355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	964076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	458916	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
35) Dibromofluoromethane	7.59	113	419702	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1494570	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	444934	39.36	ug/l	0.00
Spiked Amount			Recovery	=	78.72%	

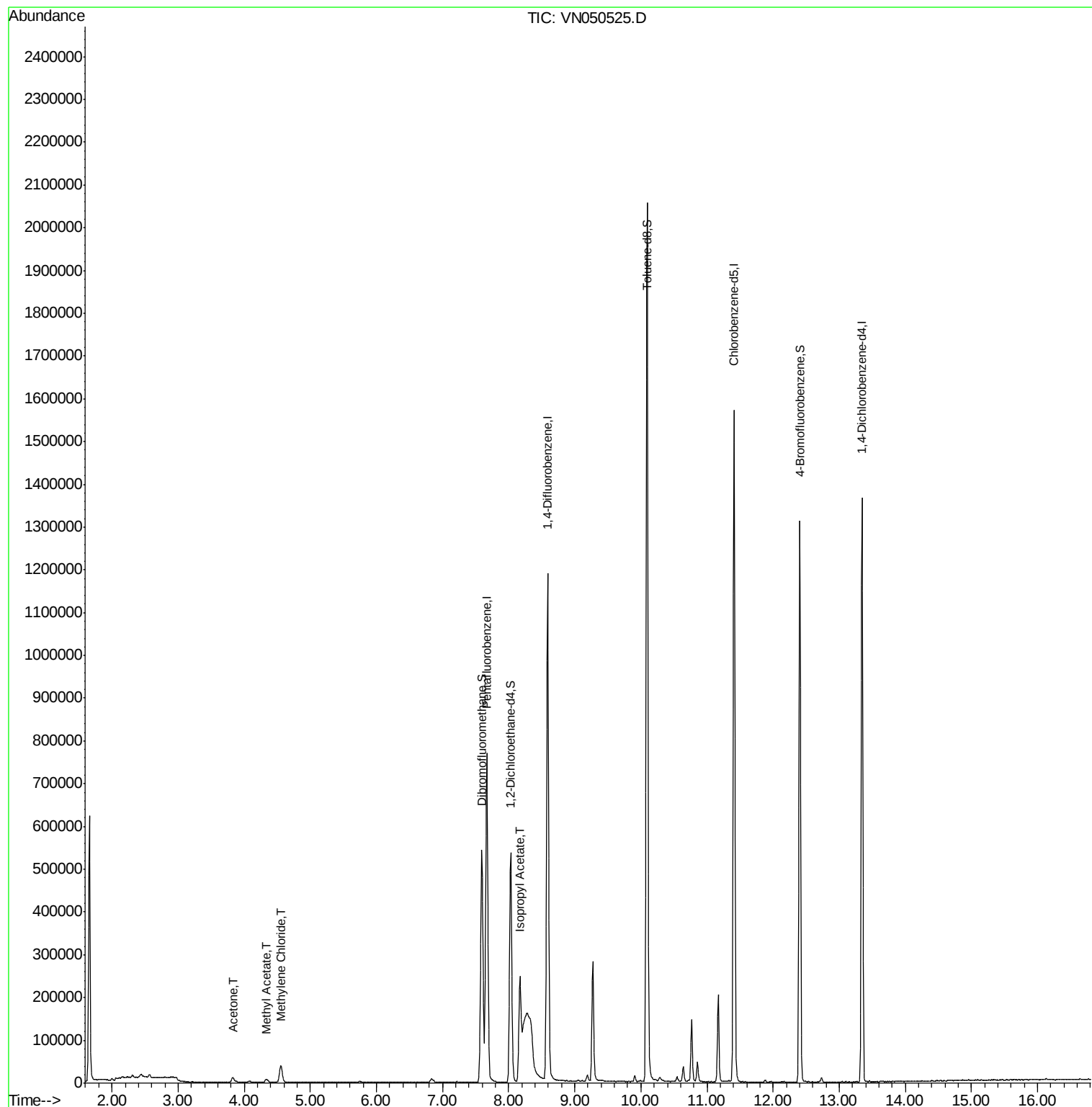
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20726	7.61	ug/l	96
18) Methyl Acetate	4.34	43	15235	2.07	ug/l	95
20) Methylene Chloride	4.55	84	30058	2.30	ug/l	97
43) Isopropyl Acetate	8.17	43	313626	20.89	ug/l	96

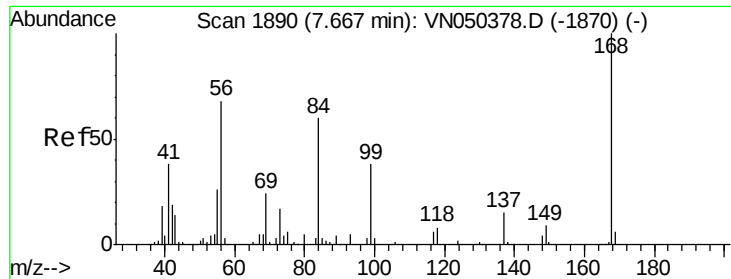
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050525.D

Acq: 10 Aug 2018 18:16

Instrument :

MSVOA_N

ClientSampleId :

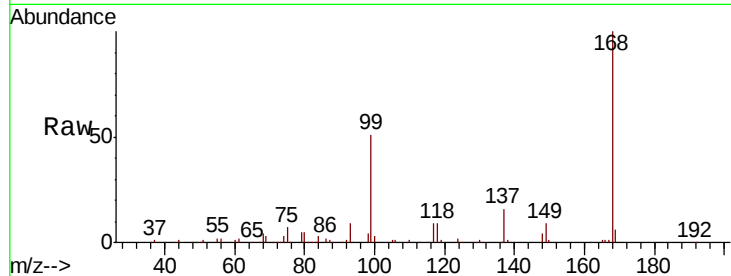
PB111921ZHE#04

Tot Ion:168 Resp: 653169

Ion Ratio Lower Upper

168 100

99 51.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

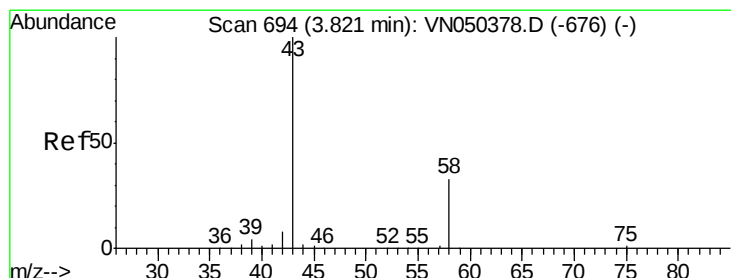
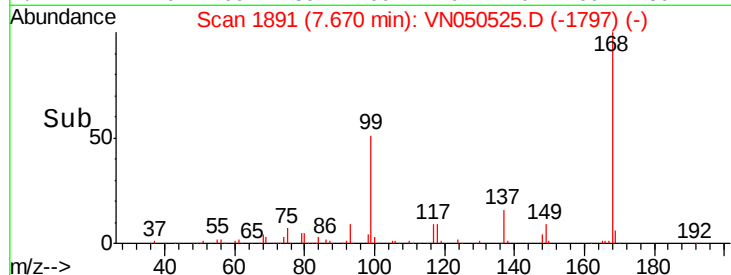
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.61 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050525.D

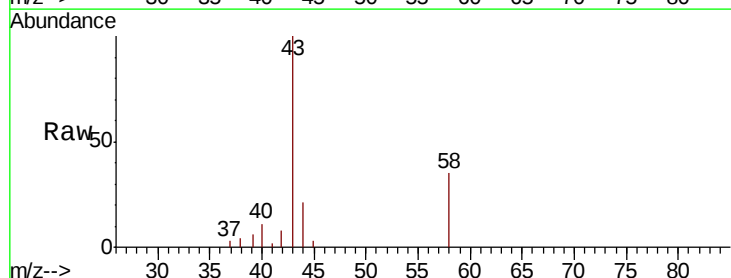
Acq: 10 Aug 2018 18:16

Tgt Ion: 43 Resp: 20726

Ion Ratio Lower Upper

43 100

58 34.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

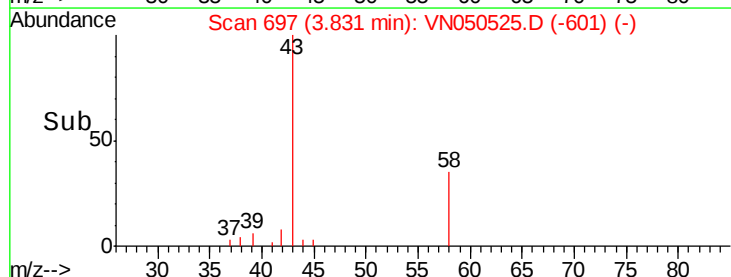
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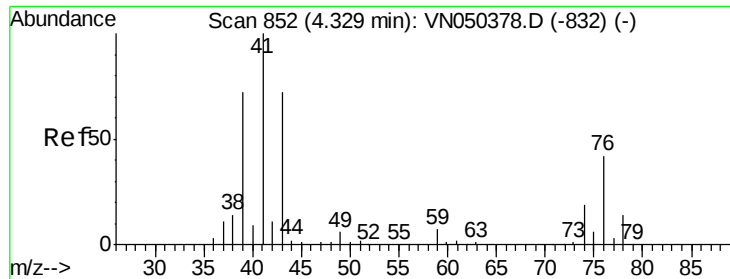
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Time-->

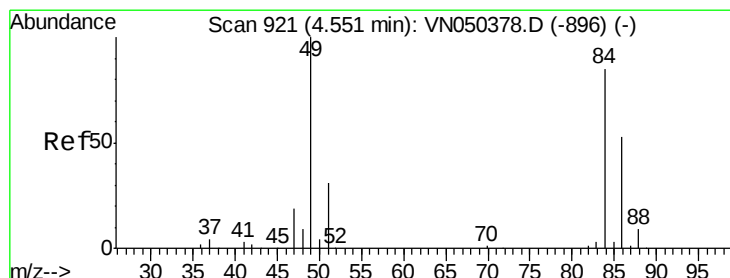
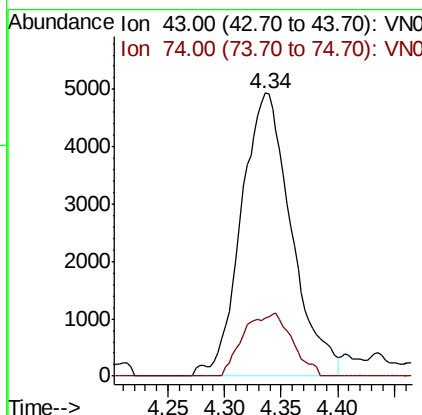
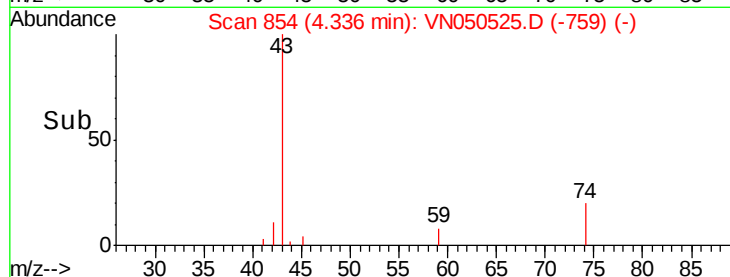
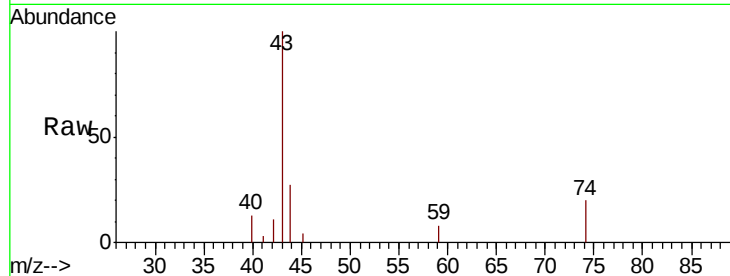




#18
Methyl Acetate
Concen: 2.07 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

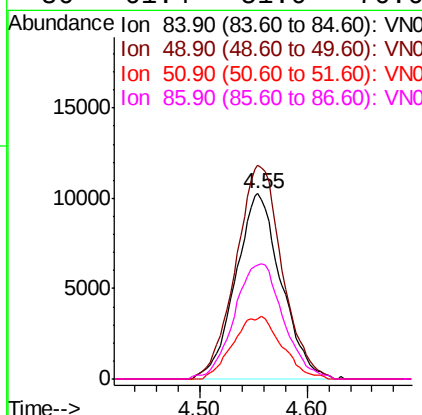
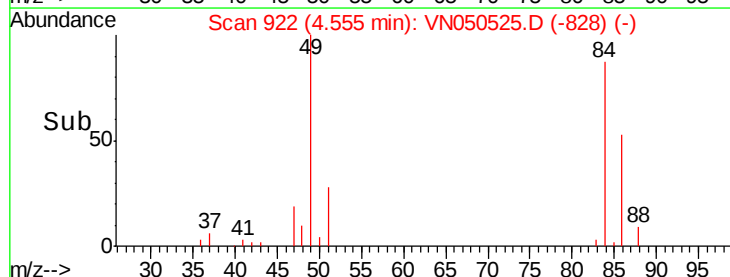
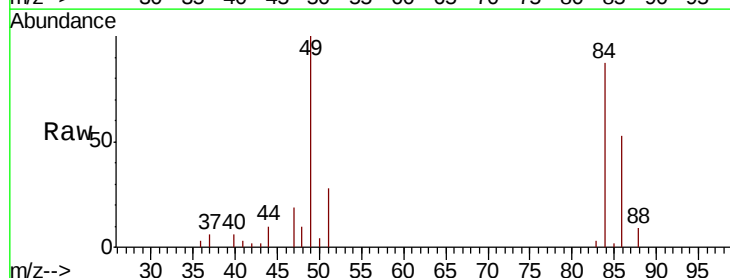
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#04

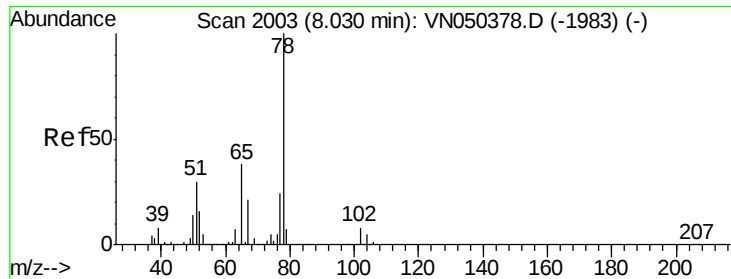
Tot Ion: 43 Resp: 15235
Ion Ratio Lower Upper
43 100
74 21.5 19.2 28.8



#20
Methylene Chloride
Concen: 2.30 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

Tgt Ion: 84 Resp: 30058
Ion Ratio Lower Upper
84 100
49 115.3 94.8 142.2
51 32.4 28.3 42.5
86 61.4 51.0 76.6

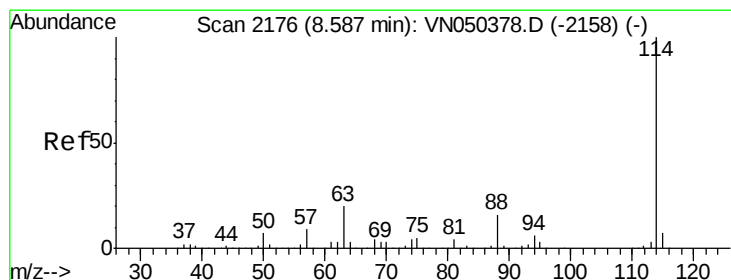
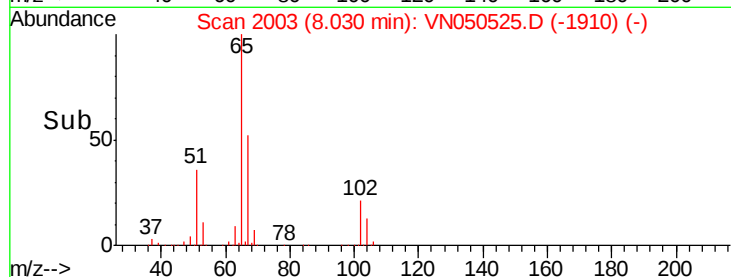
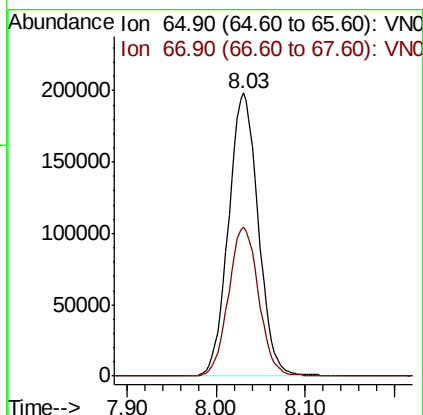
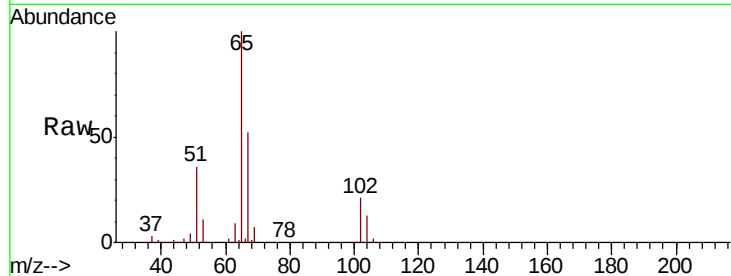




#33
 1,2-Dichloroethane-d4
 Concen: 52.59 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050525.D
 Acq: 10 Aug 2018 18:16

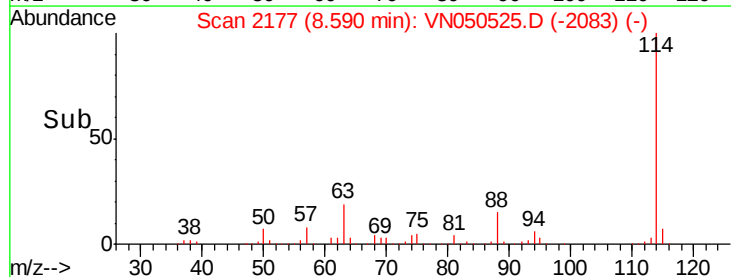
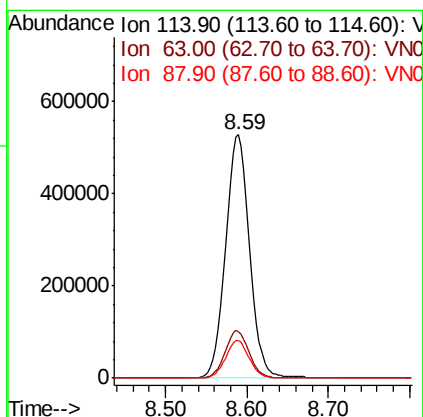
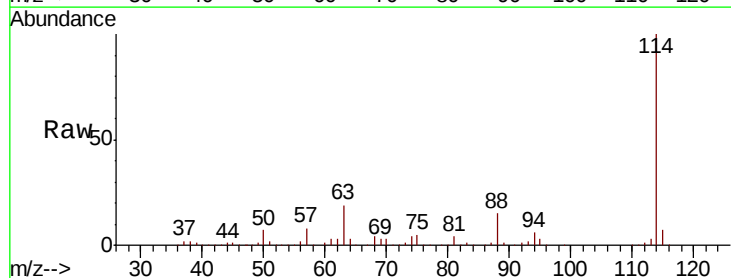
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#04

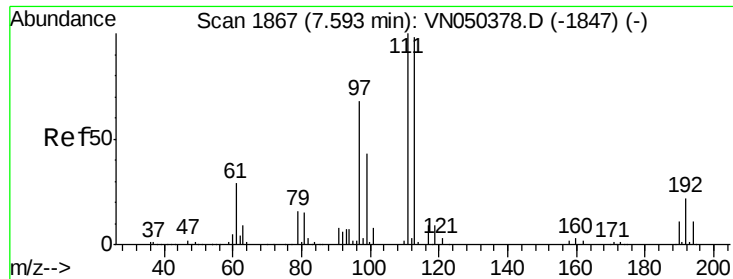
Tot Ion: 65 Resp: 458916
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050525.D
 Acq: 10 Aug 2018 18:16

Tgt Ion: 114 Resp: 1099355
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 15.5 0.0 31.2

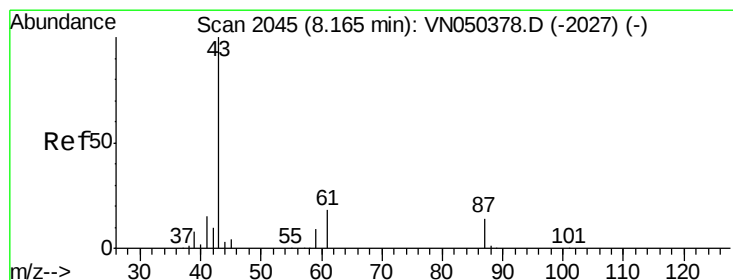
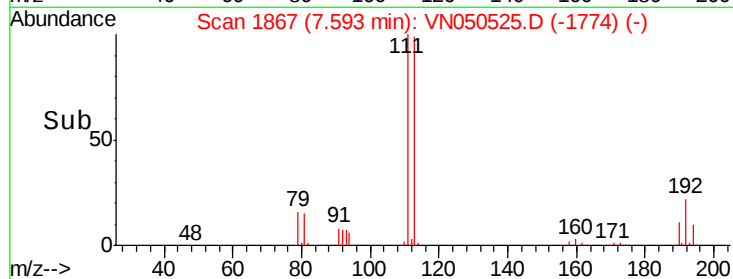
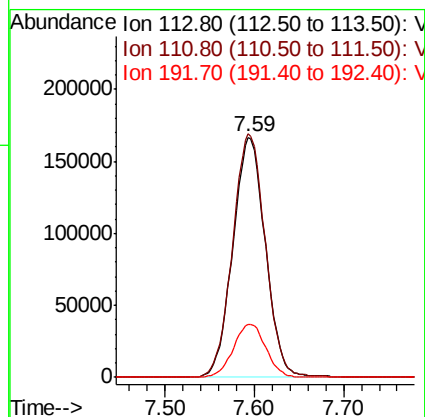
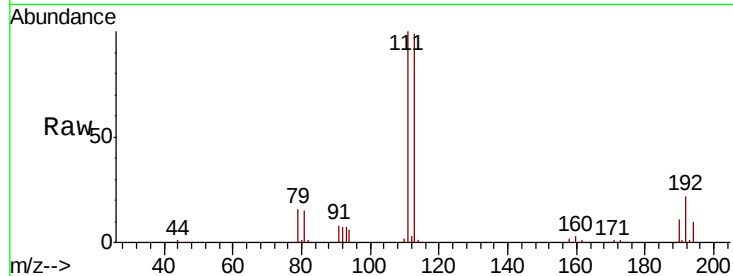




#35
 Dibromofluoromethane
 Concen: 47.58 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050525.D
 Acq: 10 Aug 2018 18:16

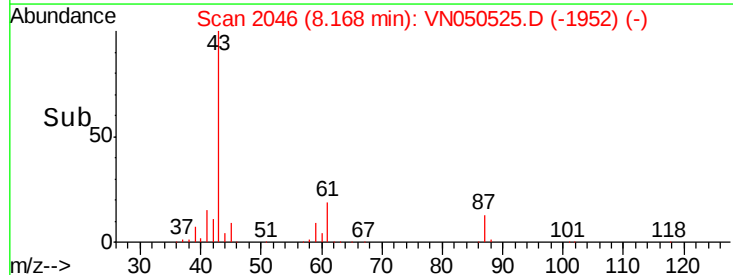
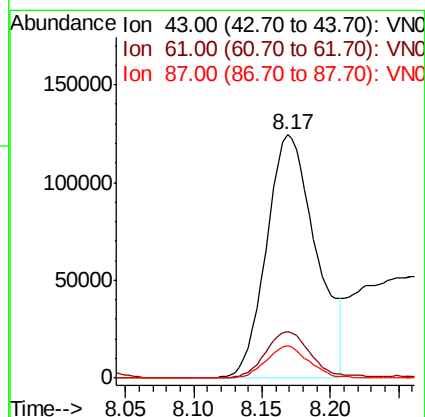
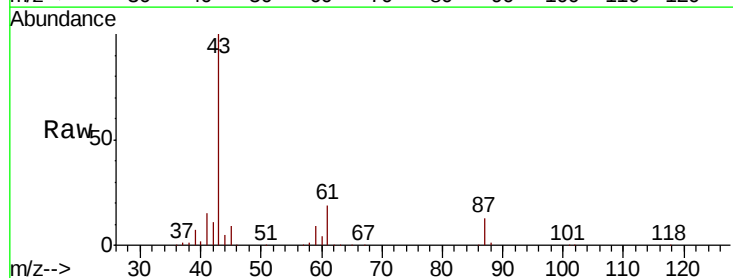
Instrument :
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 ClientSampleId :
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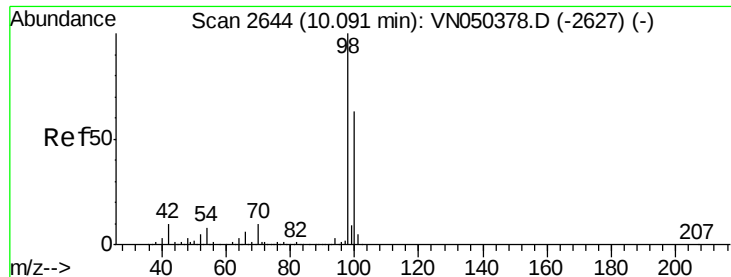
Tot Ion:113 Resp: 419702
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 20.89 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050525.D
 Acq: 10 Aug 2018 18:16

Tgt Ion: 43 Resp: 313626
 Ion Ratio Lower Upper
 43 100
 61 17.6 15.8 23.6
 87 11.4 10.3 15.5

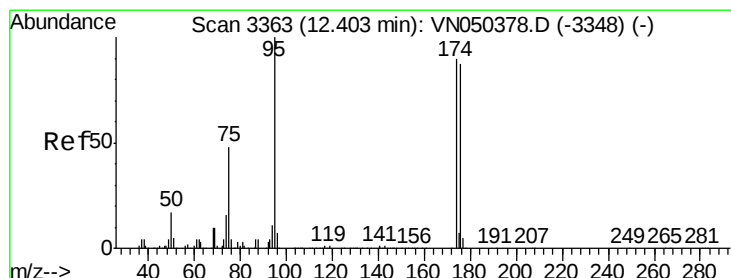
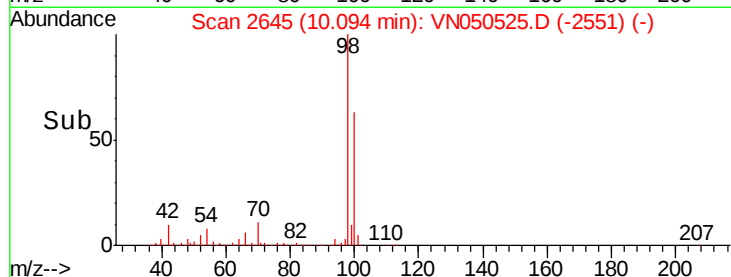
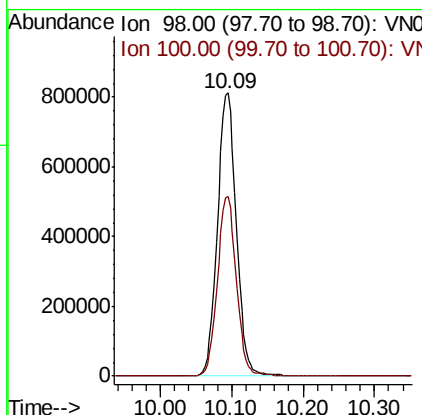
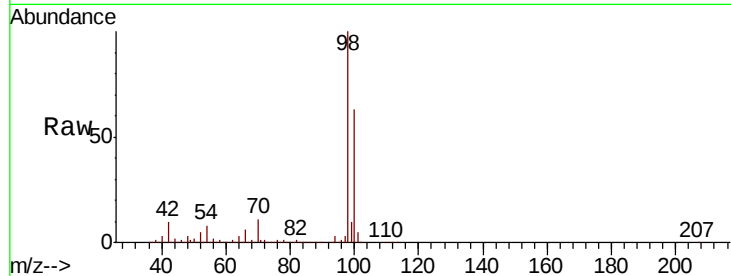




#50
Toluene-d8
Concen: 45.06 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

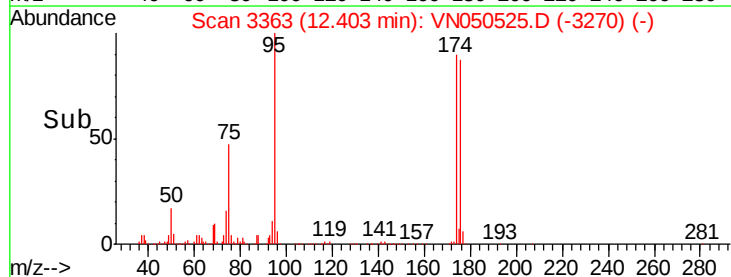
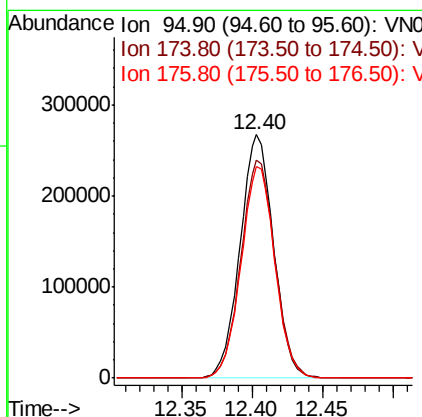
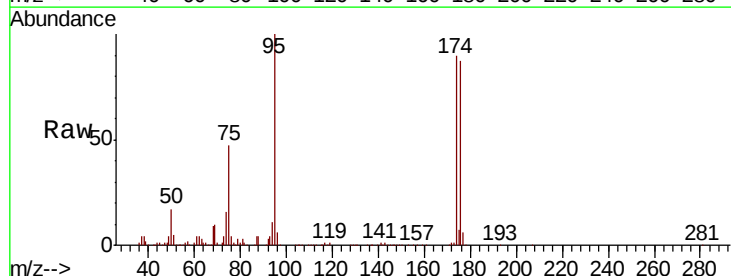
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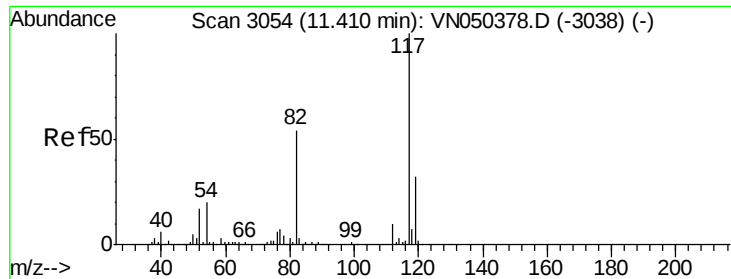
Tot Ion: 98 Resp: 1494570
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

Tgt Ion: 95 Resp: 444934
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.8 0.0 173.4

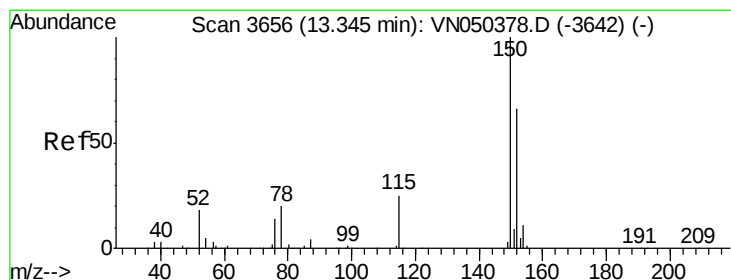
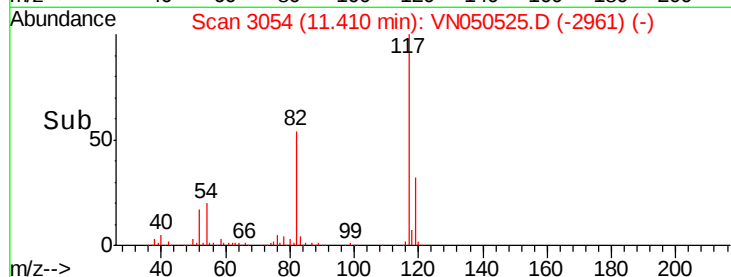
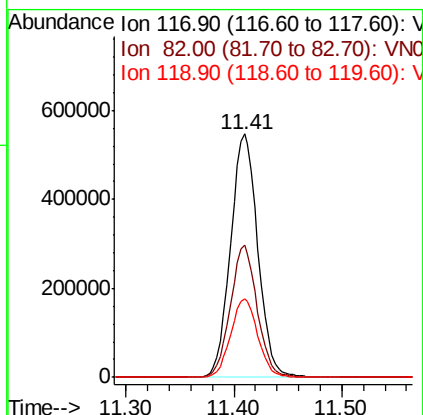
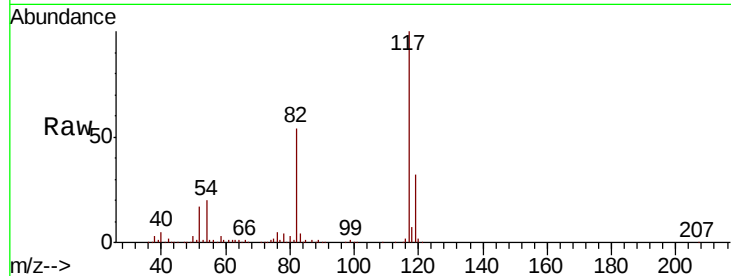




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#04

Tot Ion:117 Resp: 964076
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050525.D
Acq: 10 Aug 2018 18:16

Tgt Ion:152 Resp: 385513
Ion Ratio Lower Upper
152 100
115 57.2 27.8 83.3
150 157.7 0.0 348.6

