

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083118\
 Data File : VN050992.D
 Acq On : 31 Aug 2018 16:53
 Operator : MD\SY
 Sample : J4276-01
 Misc : 3.40g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-080718

Manual Integrations
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 9/4/2018 12:28:08 PM

Quant Time: Sep 01 00:18:31 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	557888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	871632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	345390	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	333042	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1172806	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	315001	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.12%	
Target Compounds						
3) Chloromethane	2.05	50	3167	0.34	ug/l	94
18) Methyl Acetate	4.33	43	94110	14.84	ug/l	99
20) Methylene Chloride	4.54	84	4706m	0.62	ug/l	
25) 2-Butanone	6.85	43	4052m	1.50	ug/l	
95) Naphthalene	15.14	128	10591	6.25	ug/l	97

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

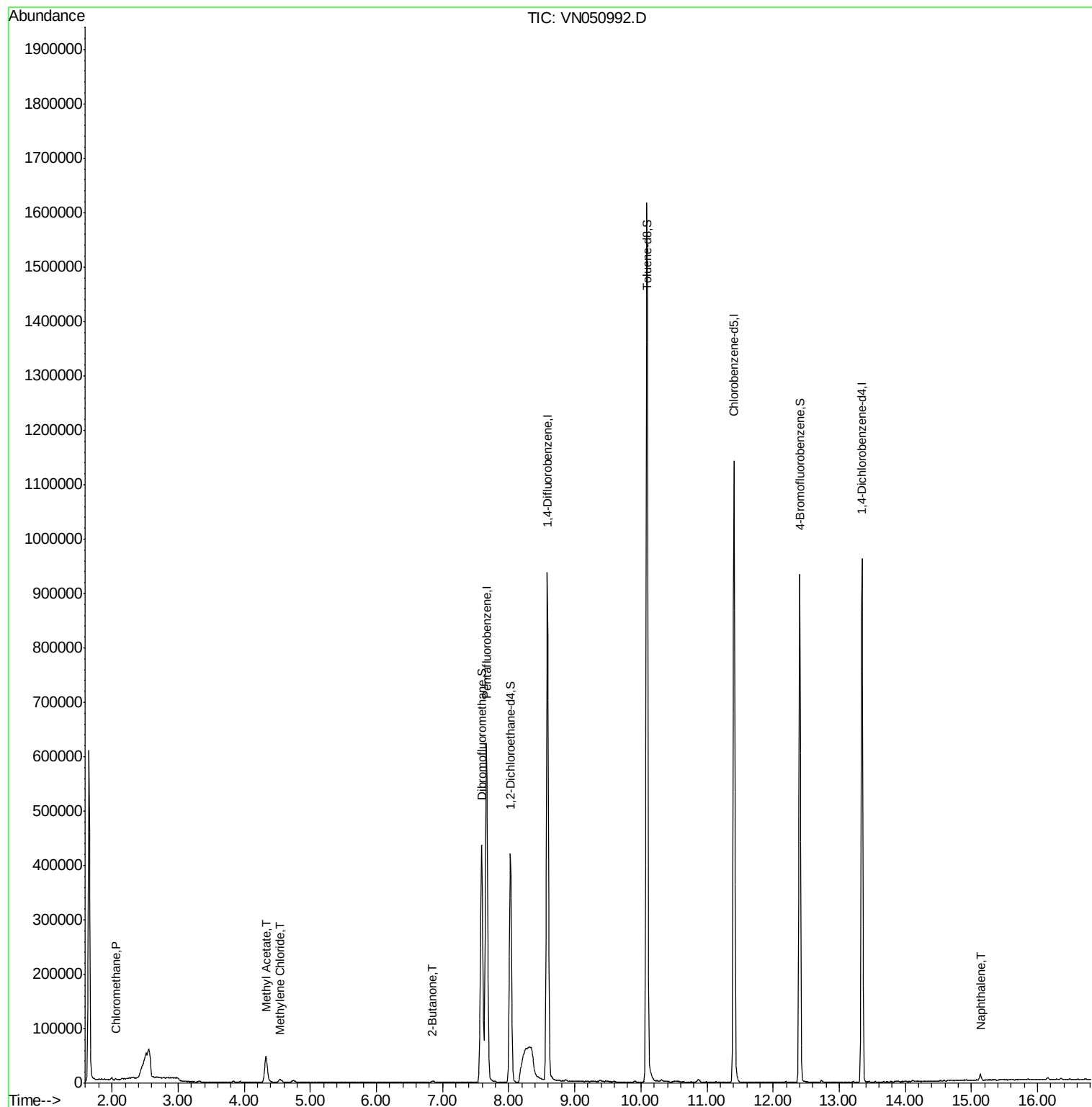
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
Data File : VN050992.D
Acq On : 31 Aug 2018 16:53
Operator : MD\SY
Sample : J4276-01
Misc : 3.40µL/5mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

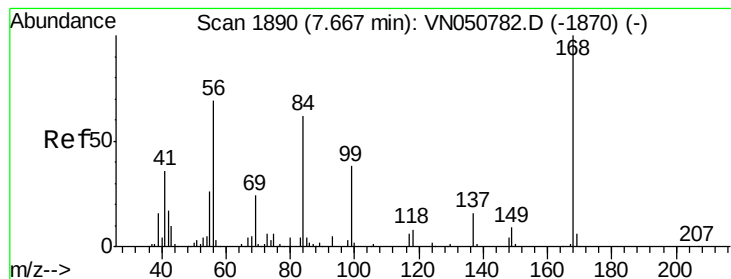
Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Manual Integrations
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Quant Time: Sep 01 00:18:31 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampled :

OK-02-080718

Tot Ion:168 Resp: 557888

Ion Ratio Lower Upper

168 100

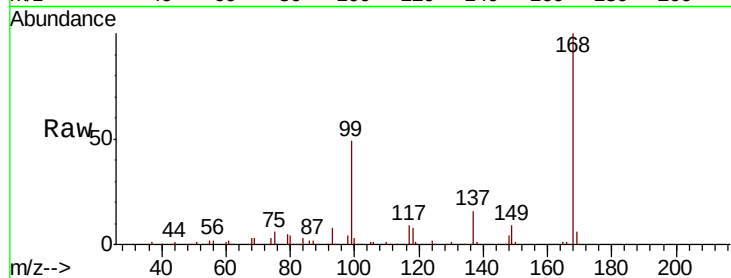
99 49.5 39.6 59.4

Manual Integrations

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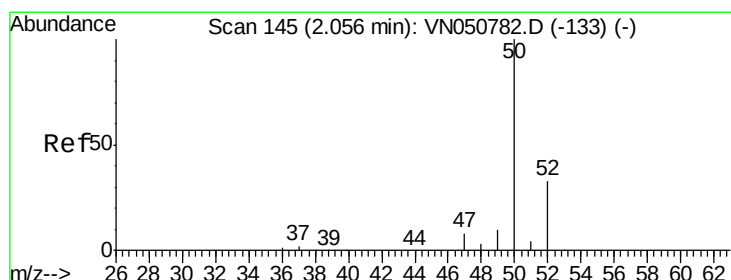
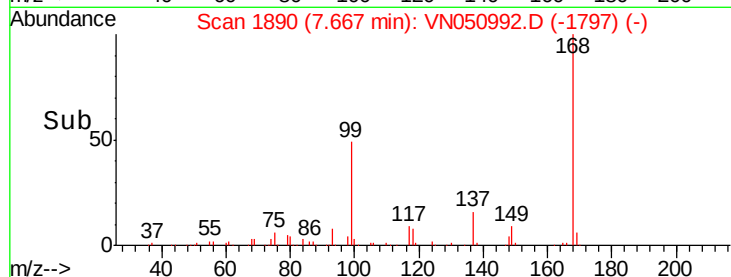
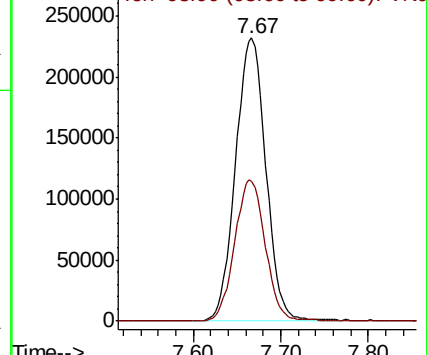
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.34 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050992.D

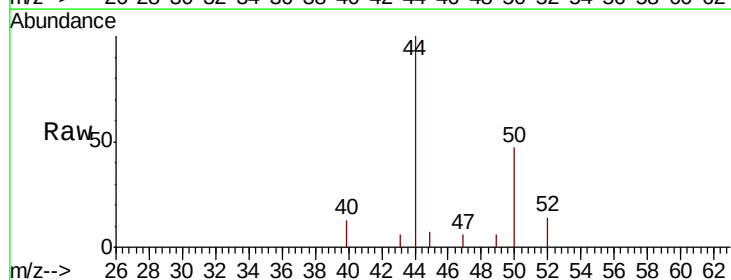
Acq: 31 Aug 2018 16:53

Tgt Ion: 50 Resp: 3167

Ion Ratio Lower Upper

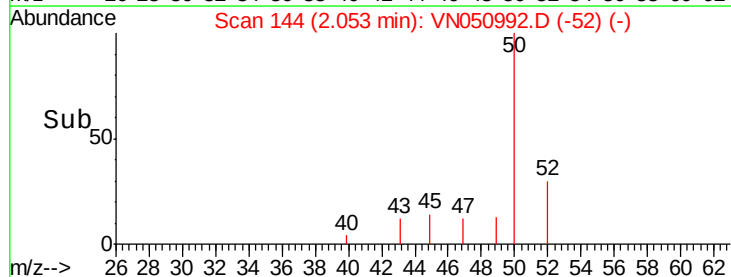
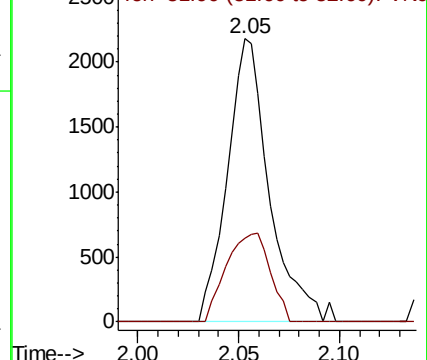
50 100

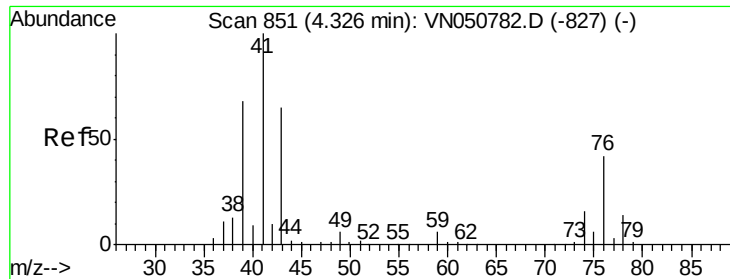
52 29.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





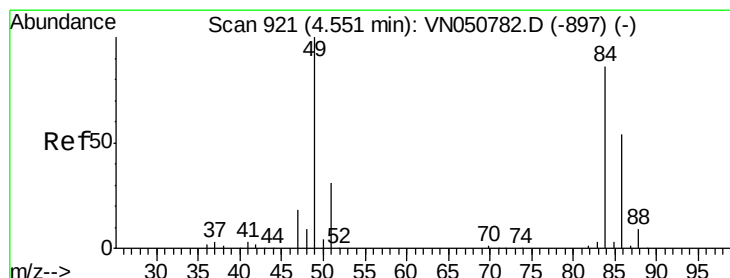
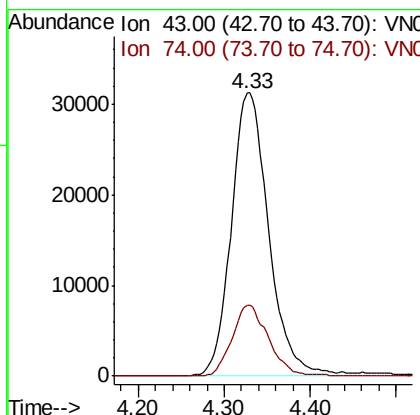
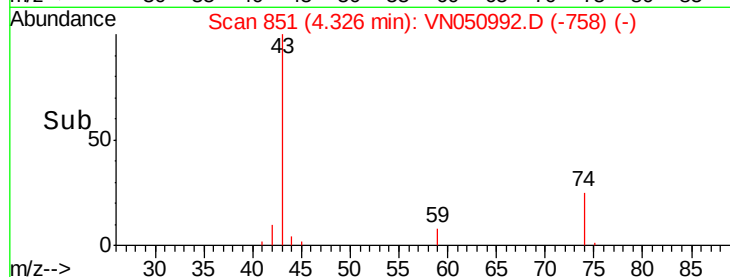
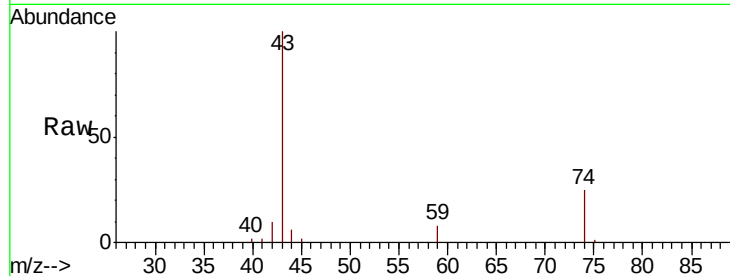
#18
Methyl Acetate
Concen: 14.84 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Tot Ion: 43 Resp: 94110
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8

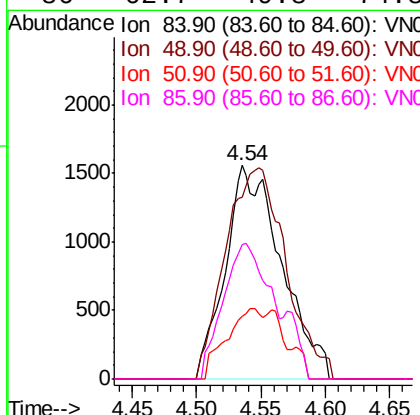
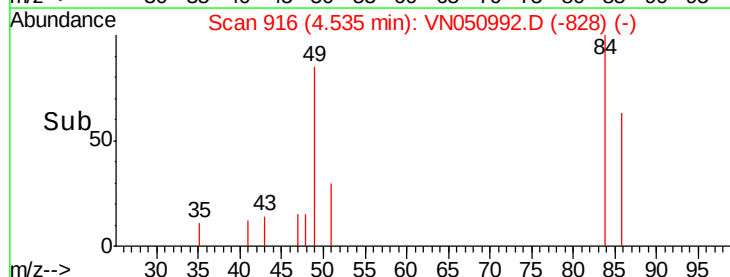
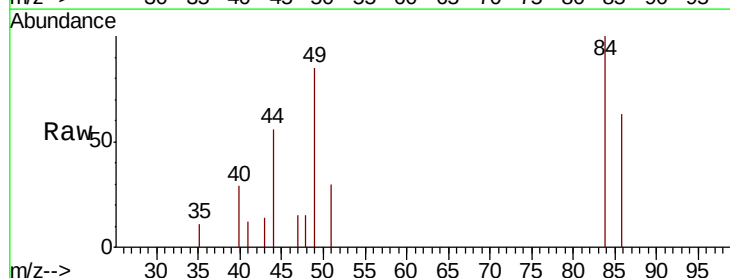
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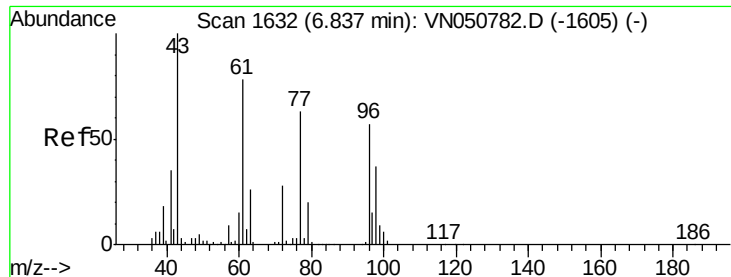
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#20
Methylene Chloride
Concen: 0.62 ug/l m
RT: 4.54 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 84 Resp: 4706
Ion Ratio Lower Upper
84 100
49 85.4 93.2 139.8#
51 29.6 29.0 43.6
86 62.7 49.8 74.8





#25

2-Butanone

Concen: 1.50 ug/l m

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050992.D

Acq: 31 Aug 2018 16:53

Instrument :

MSVOA_N

ClientSampleId :

OK-02-080718

Tot Ion: 43 Resp: 4052

Ion Ratio Lower Upper

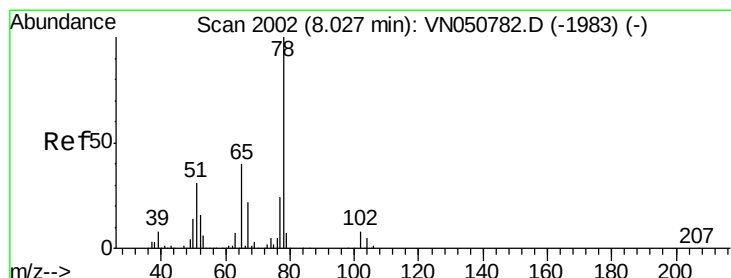
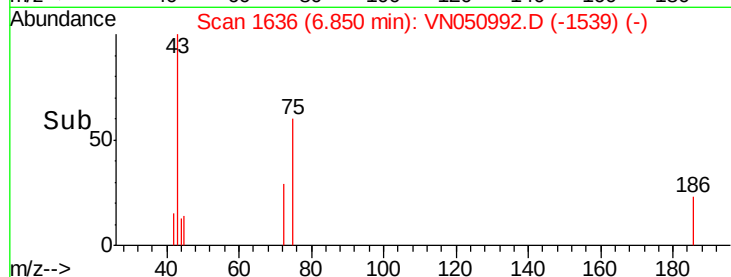
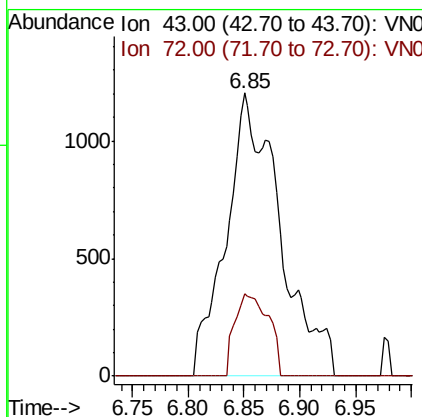
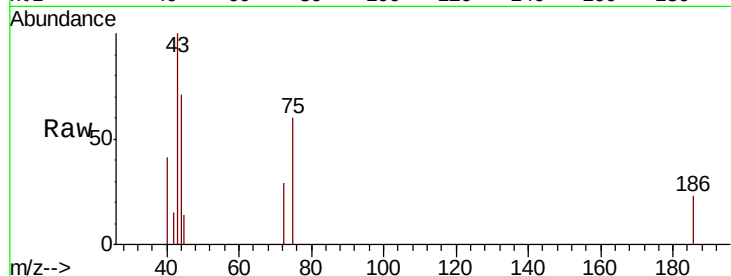
43 100

72 29.0 22.3 33.5

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#33

1,2-Dichloroethane-d4

Concen: 51.43 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050992.D

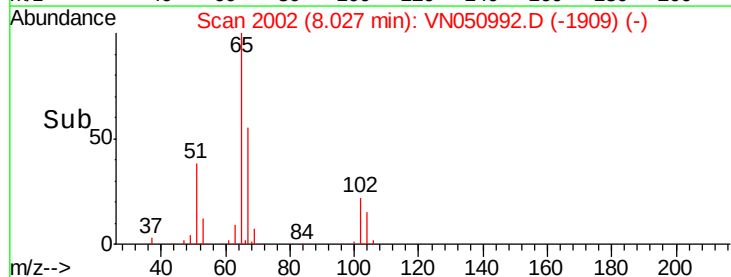
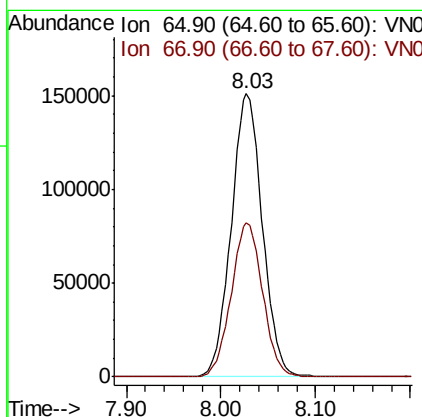
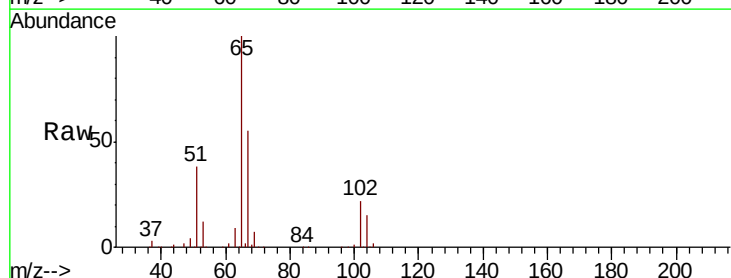
Acq: 31 Aug 2018 16:53

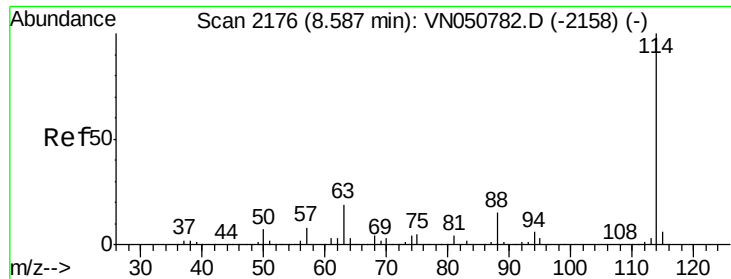
Tgt Ion: 65 Resp: 345390

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4





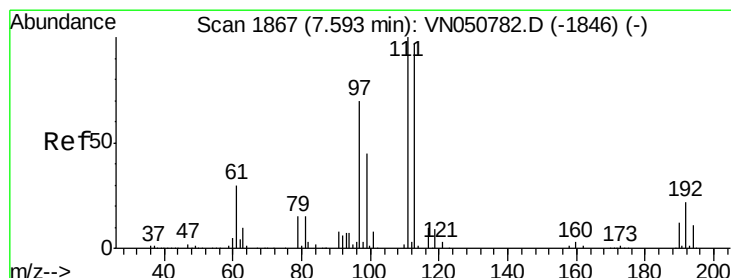
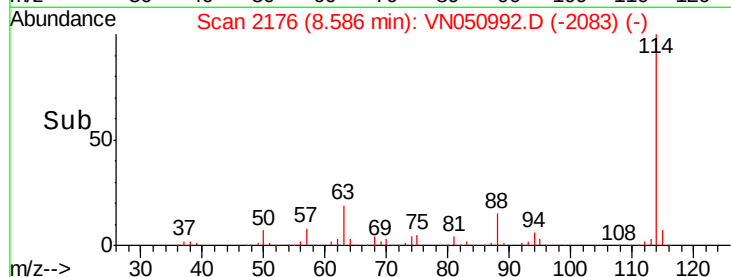
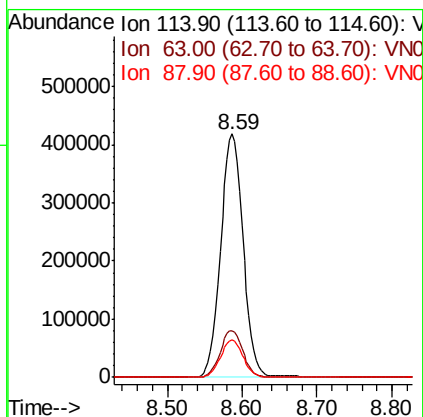
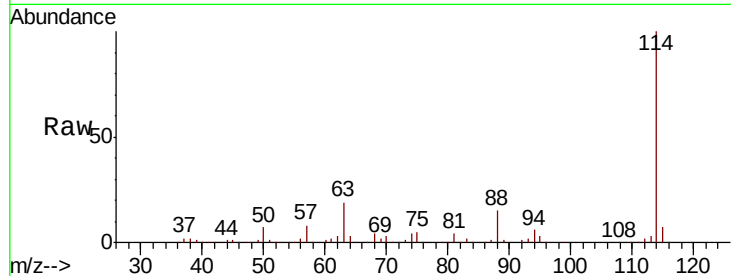
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050992.D
 Acq: 31 Aug 2018 16:53

Instrument :
 MSVOA_N
 ClientSampled :
 OK-02-080718

Tot Ion	Ratio	Resp	Lower	Upper
114	100	871632		
63	19.3		0.0	38.6
88	15.4		0.0	30.6

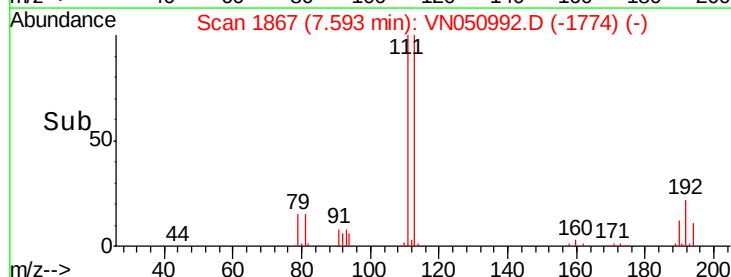
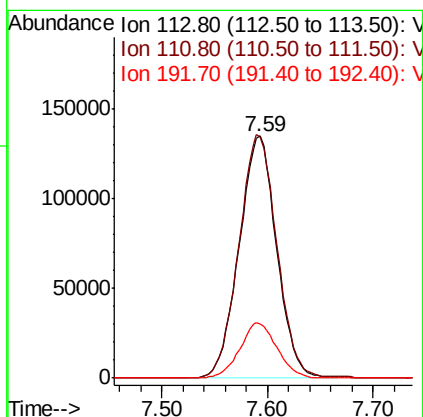
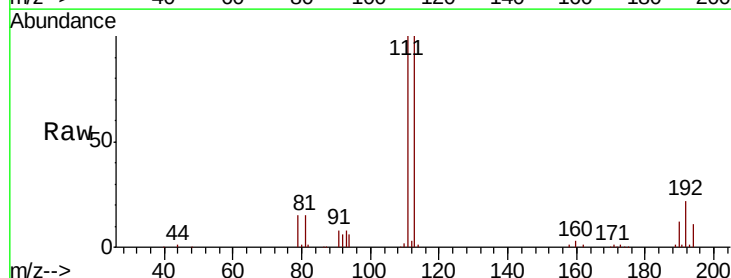
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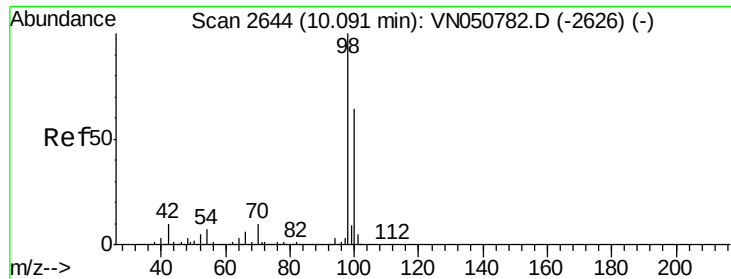
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#35
 Dibromofluoromethane
 Concen: 48.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050992.D
 Acq: 31 Aug 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	333042		
111	102.0		82.6	123.8
192	22.7		18.0	27.0





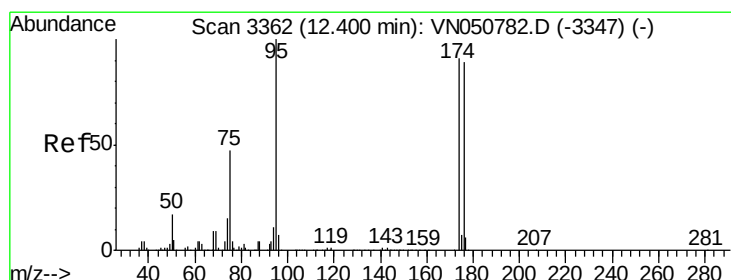
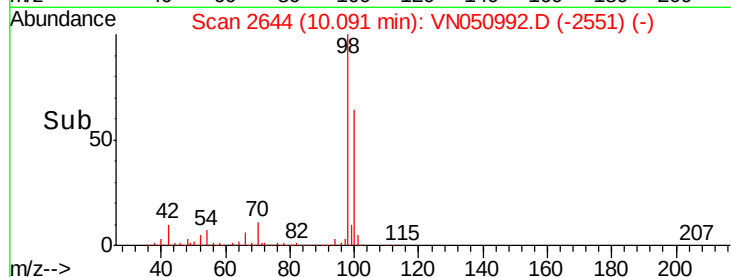
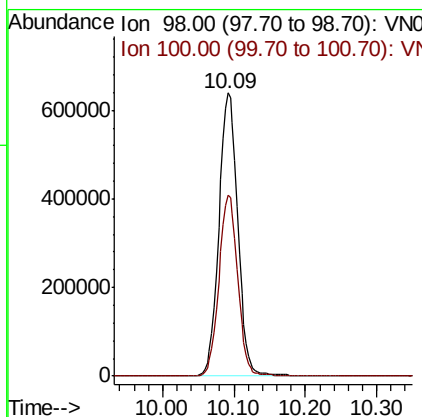
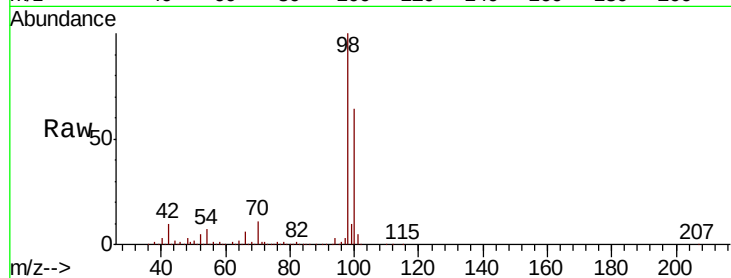
#50
Toluene-d8
Concen: 45.24 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Tot Ion: 98 Resp: 1172806
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

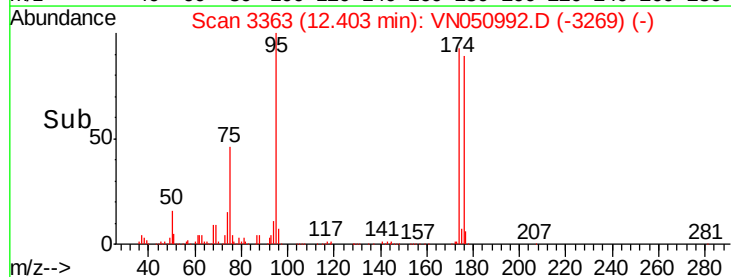
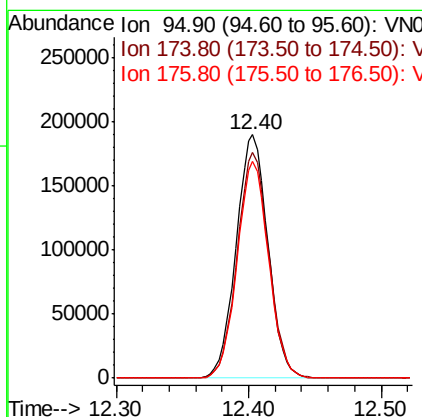
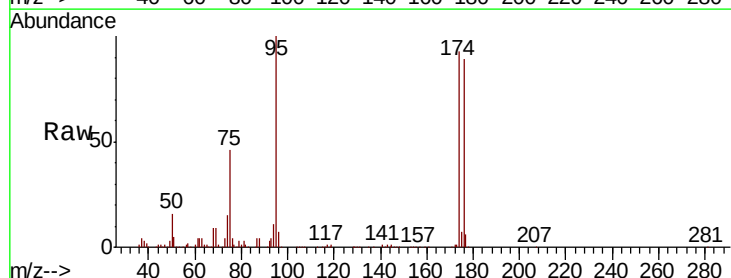
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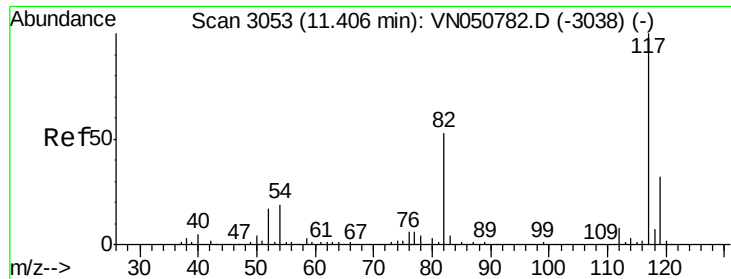
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#62
4-Bromofluorobenzene
Concen: 36.56 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion: 95 Resp: 315001
Ion Ratio Lower Upper
95 100
174 92.4 0.0 183.0
176 88.3 0.0 178.8





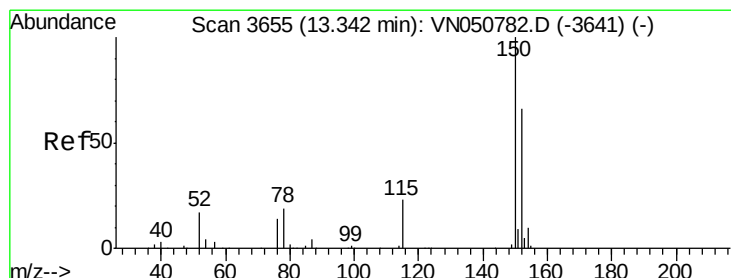
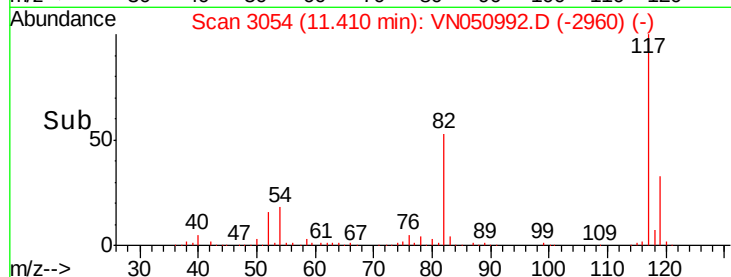
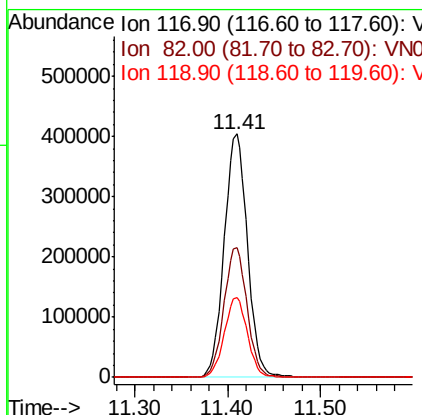
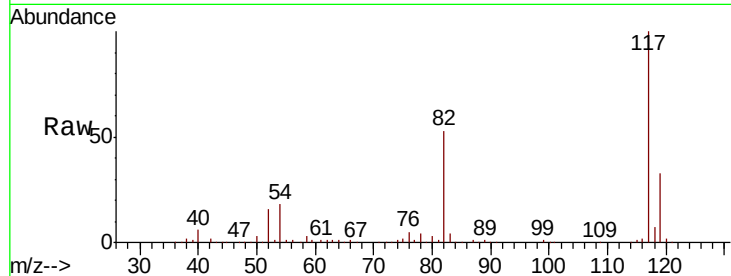
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Instrument :
MSVOA_N
ClientSampled :
OK-02-080718

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.9	25.8	38.6

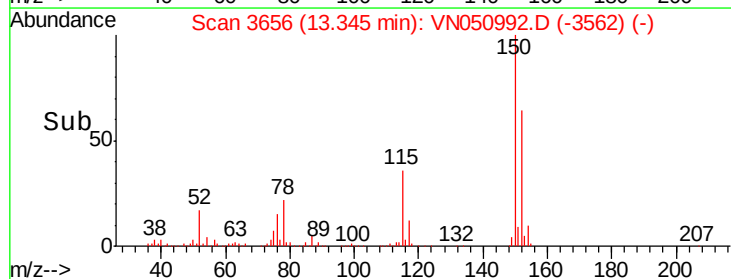
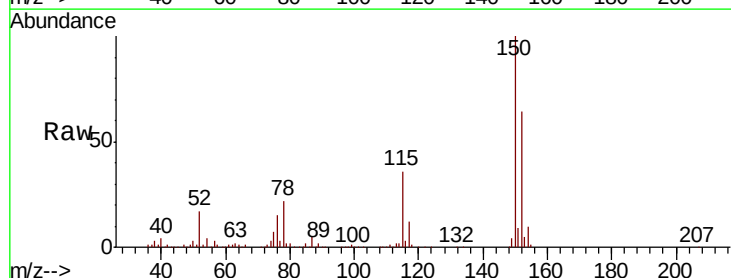
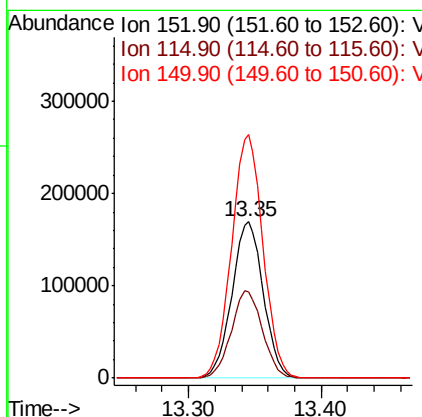
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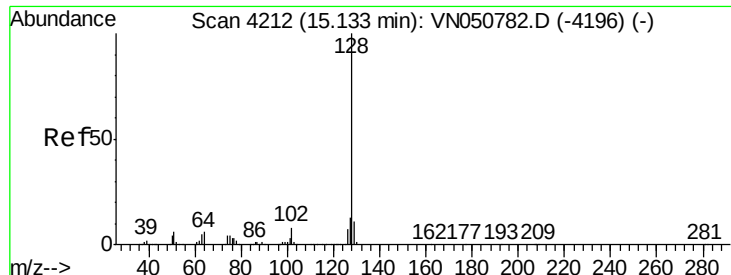
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	155.6	0.0	351.4





#95
Naphthalene
Concen: 6.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050992.D
Acq: 31 Aug 2018 16:53

Instrument :
MSVOA_N
ClientSampleId :
OK-02-080718

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	9.7	8.7	13.1

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