

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052166.D
 Acq On : 5 Nov 2018 23:54
 Operator : MD\SY
 Sample : J5815-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HL-R47183-RT

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 10:00:46 AM

Quant Time: Nov 06 06:25:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	579720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	578423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253445	67.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.56%	
35) Dibromofluoromethane	7.59	113	220002	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
50) Toluene-d8	10.09	98	863842	62.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.16%	
62) 4-Bromofluorobenzene	12.40	95	295723	64.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.48%	
Target Compounds						
16) Acetone	3.82	43	7197m	8.433	ug/l	
20) Methylene Chloride	4.55	84	81434	22.964	ug/l	94
43) Isopropyl Acetate	8.17	43	191001	32.641	ug/l #	86

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

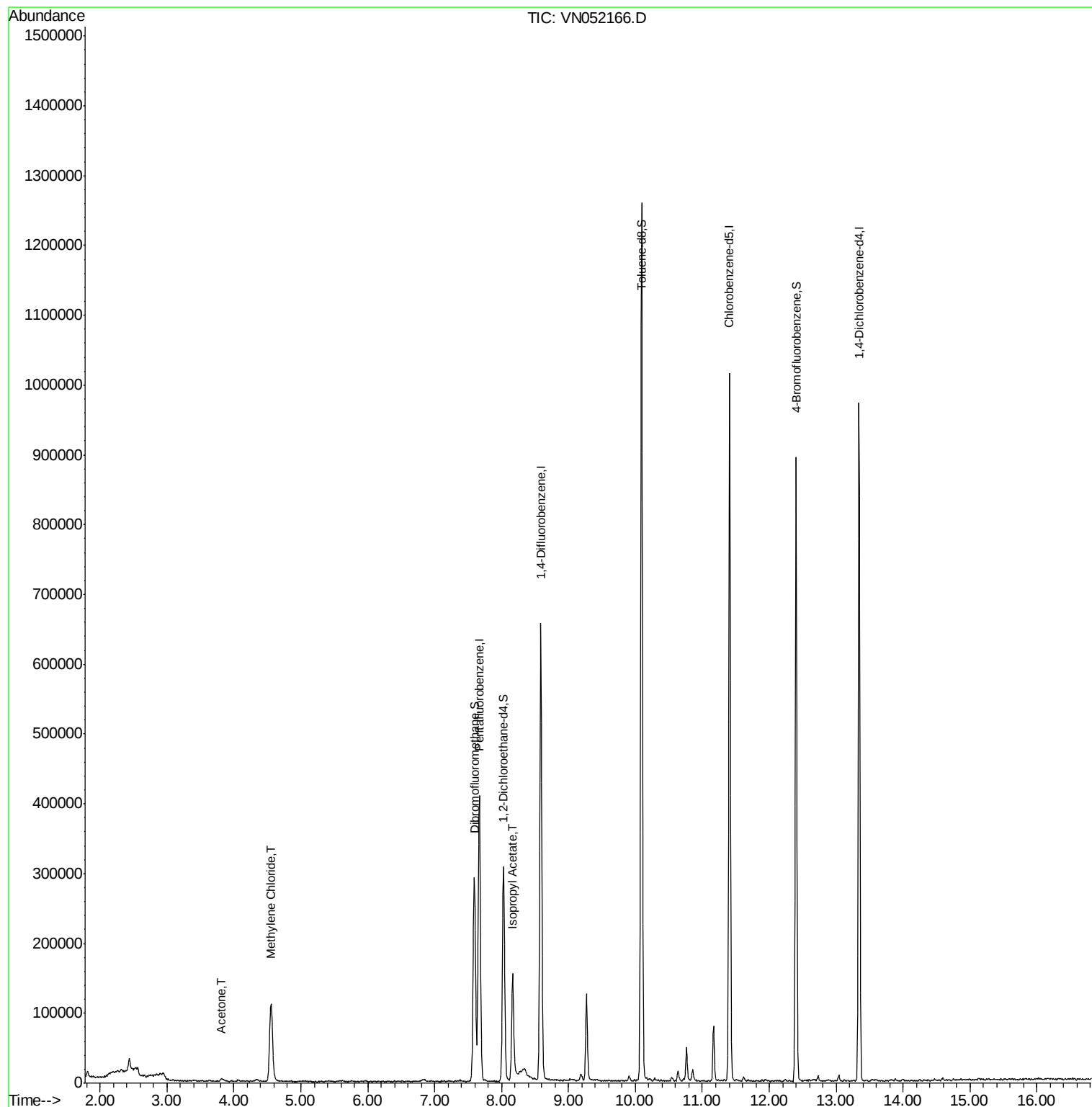
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110518\
Data File : VN052166.D
Acq On : 5 Nov 2018 23:54
Operator : MD\SY
Sample : J5815-04
Misc : 5.00mL/MSVOA N/WATER
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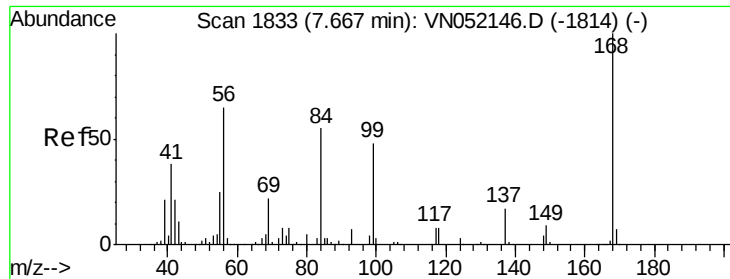
Instrument :
MSVOA_N
ClientSampleId :
HL-R47183-RT

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 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: VN052166.D

Acq: 5 Nov 2018 23:54

Instrument :

MSVOA_N

ClientSampleId :

HL-R47183-RT

Tot Ion:168 Resp: 317677

Ion Ratio Lower Upper

168 100

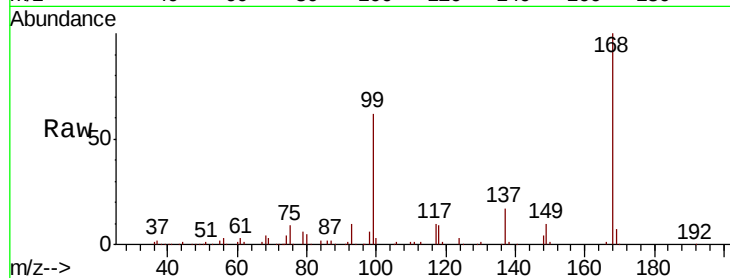
99 61.7 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): VN052166.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052166.D (-1740) (-)

7.67

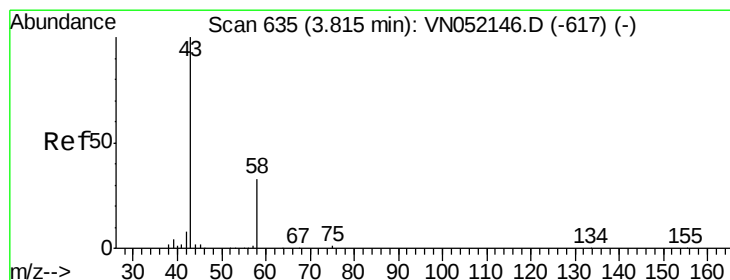
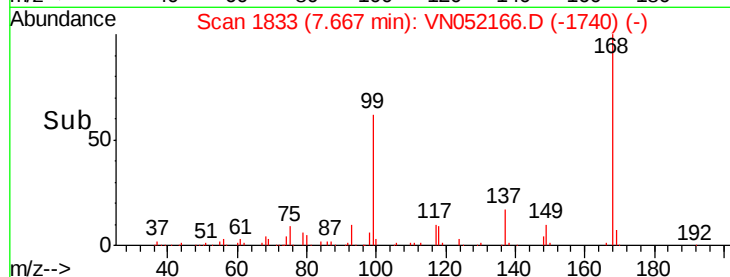
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 8.433 ug/l m

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052166.D

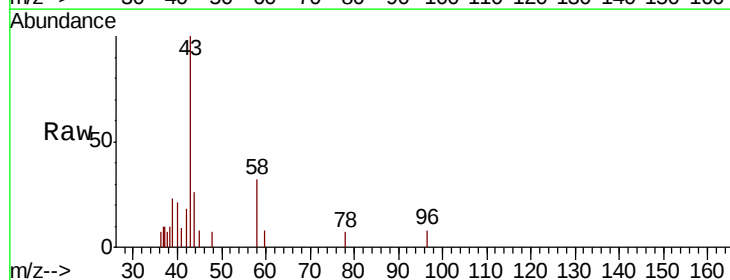
Acq: 5 Nov 2018 23:54

Tgt Ion: 43 Resp: 7197

Ion Ratio Lower Upper

43 100

58 32.2 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VN052166.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052166.D (-542) (-)

3.82

2500

2000

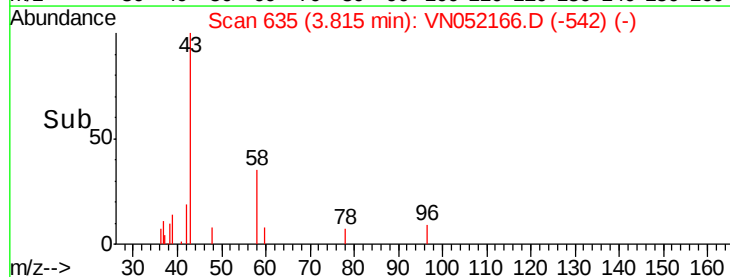
1500

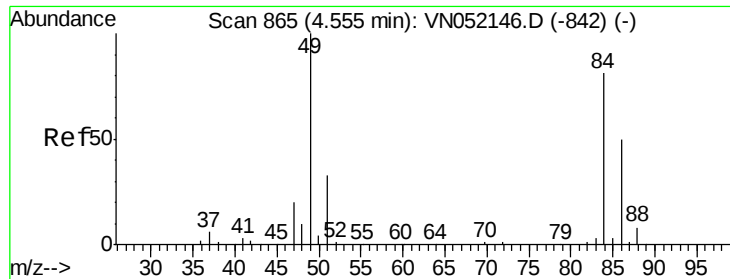
1000

500

0

Time--> 3.70 3.75 3.80 3.85 3.90





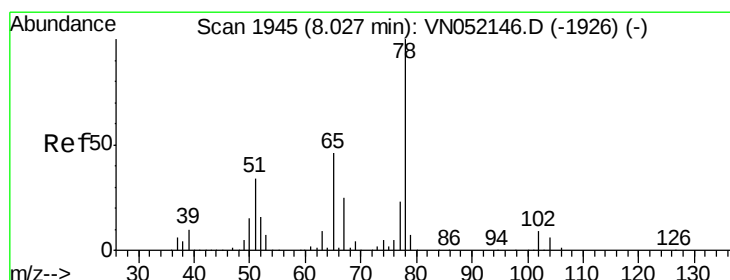
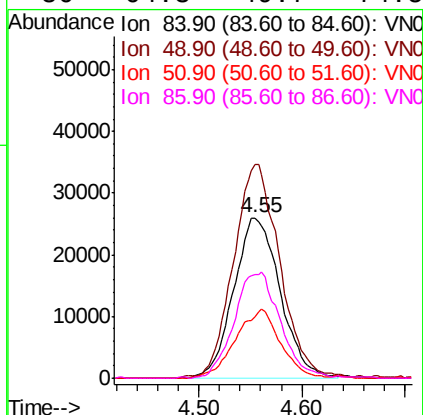
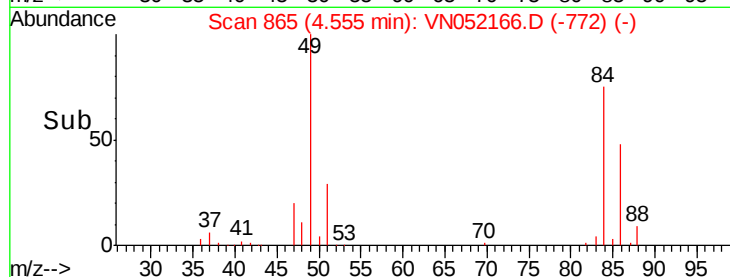
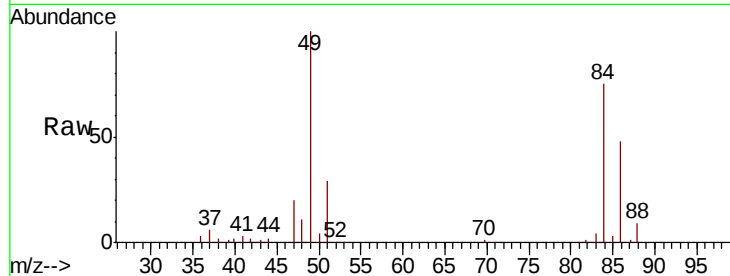
#20
Methylene Chloride
Concen: 22.964 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052166.D
Acq: 5 Nov 2018 23:54

Instrument :
MSVOA_N
ClientSampleId :
HL-R47183-RT

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.4	98.4	147.6
51	38.1	32.5	48.7
86	64.3	49.7	74.5

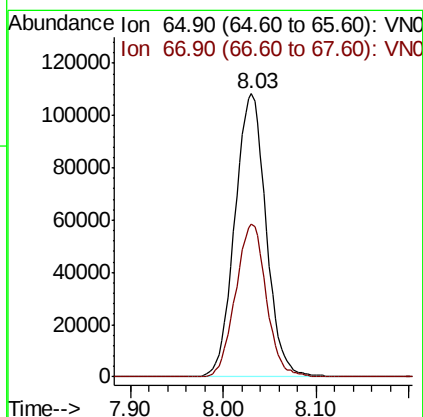
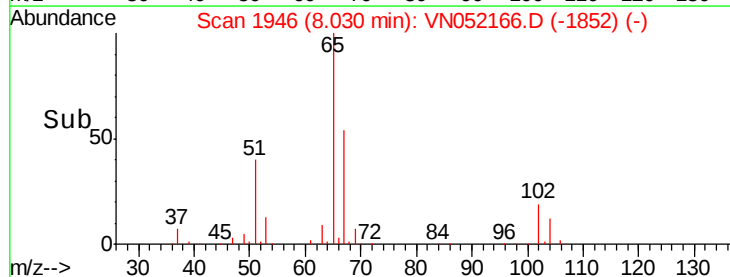
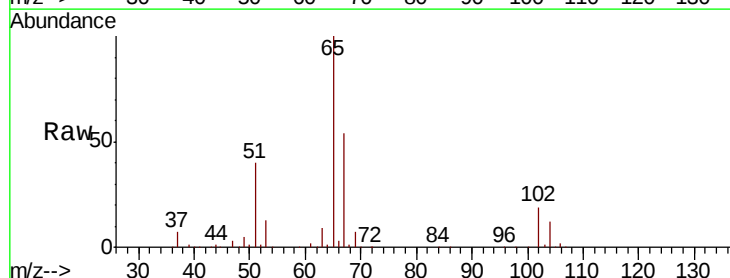
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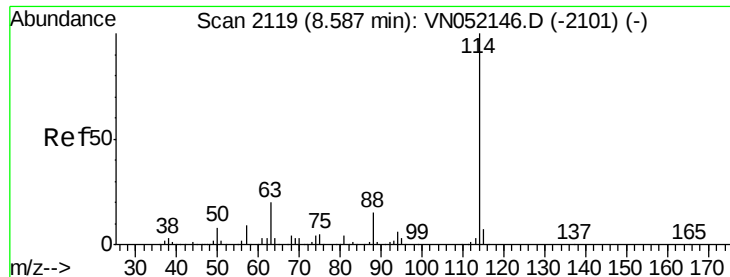
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052166.D
Acq: 5 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.6





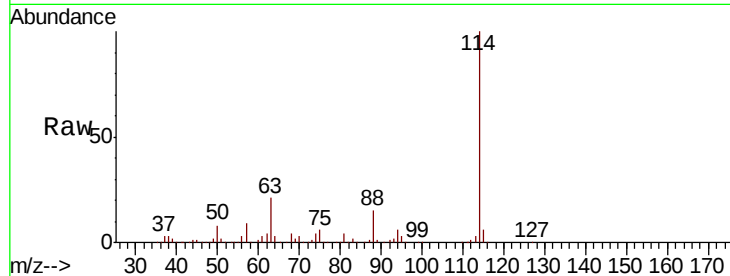
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052166.D
 Acq: 5 Nov 2018 23:54

Instrument :
 MSVOA_N
 ClientSampleId :
 HL-R47183-RT

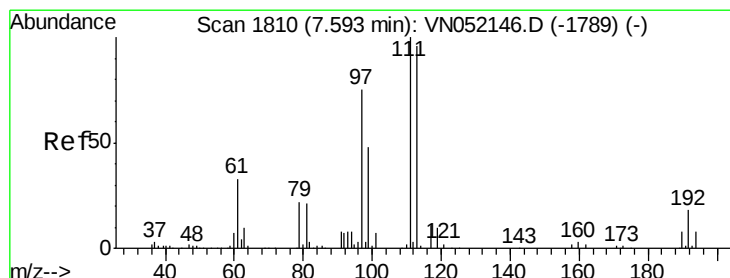
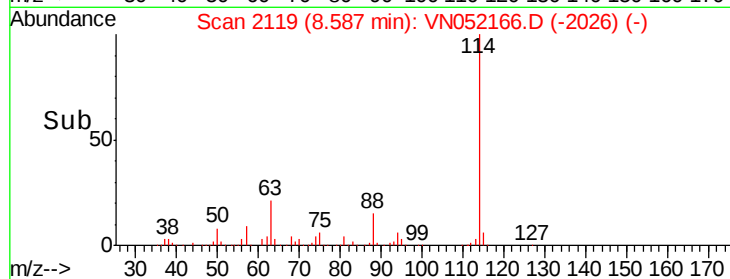
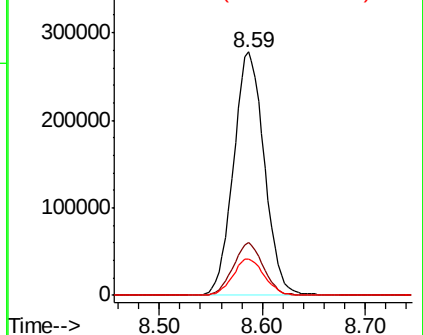
Tot Ion	Ratio	Resp	Lower	Upper
114	100	579720		
63	21.5		0.0	40.0
88	14.9		0.0	31.0

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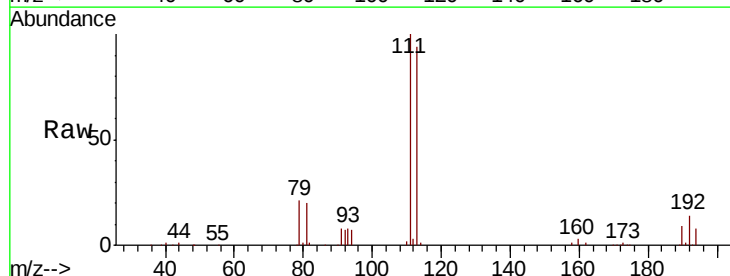


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

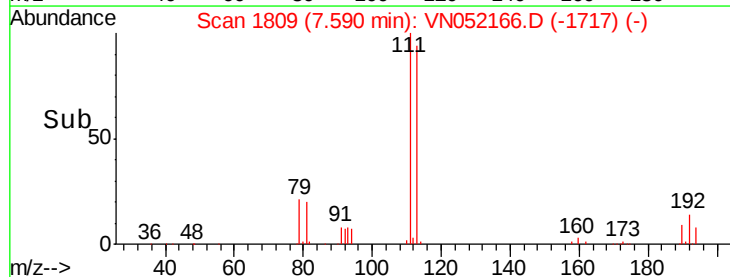
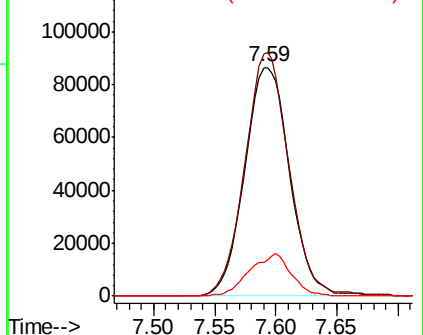


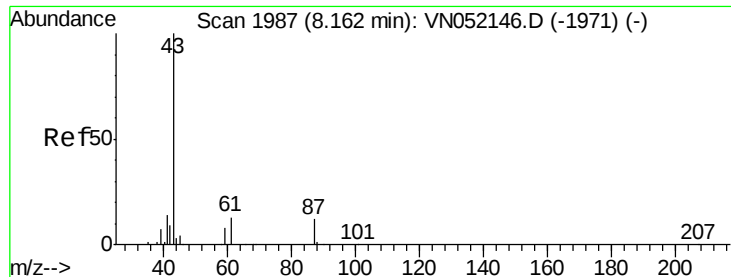
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052166.D
 Acq: 5 Nov 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	220002		
111	104.9		81.7	122.5
192	17.3		14.2	21.4



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





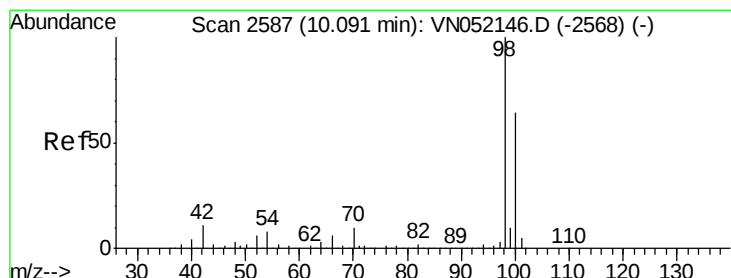
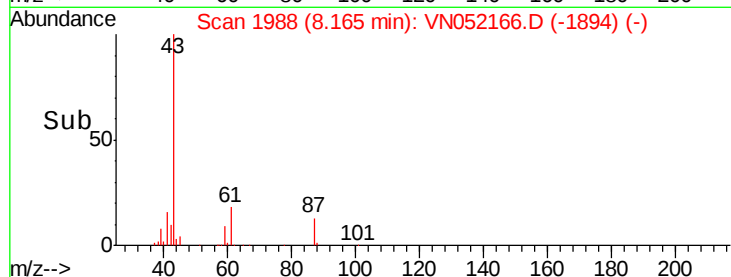
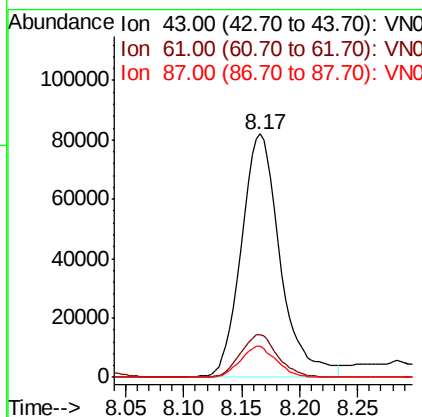
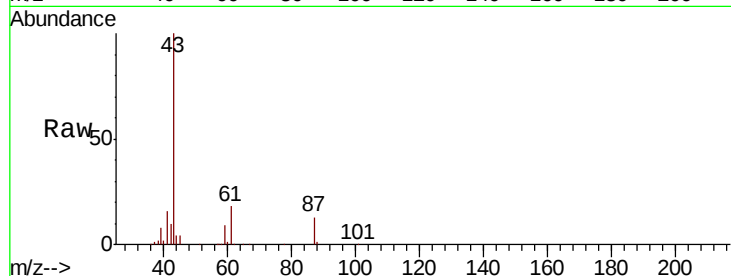
#43
Isopropyl Acetate
Concen: 32.641 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052166.D
Acq: 5 Nov 2018 23:54

Instrument :
MSVOA_N
ClientSampleId :
HL-R47183-RT

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	21.5	32.3#
87	11.9	10.2	15.2

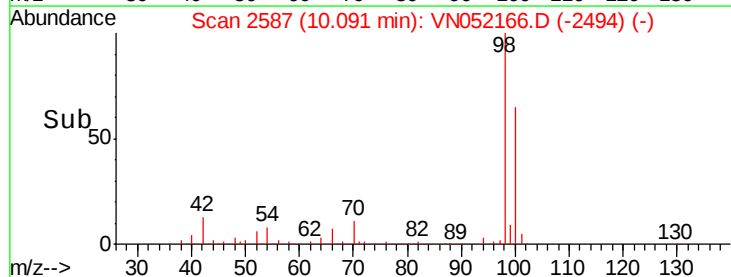
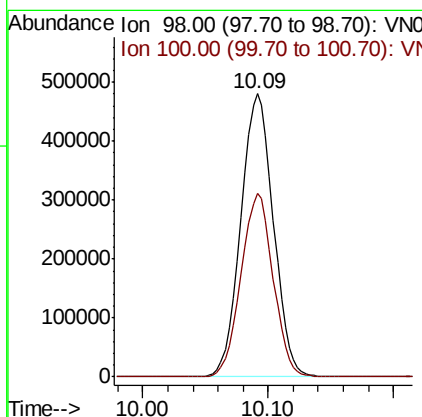
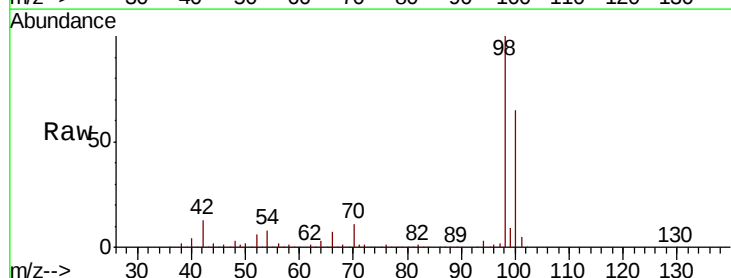
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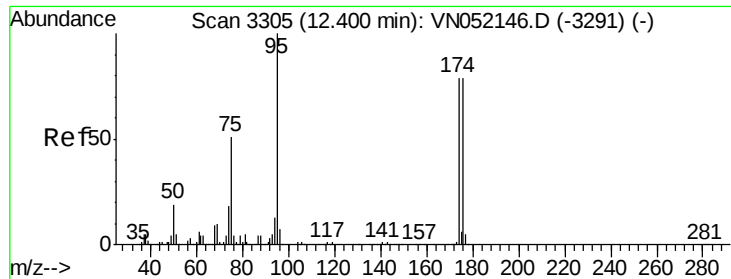
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052166.D
Acq: 5 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.5	75.7





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052166.D

Acq: 5 Nov 2018 23:54

Instrument :

MSVOA_N

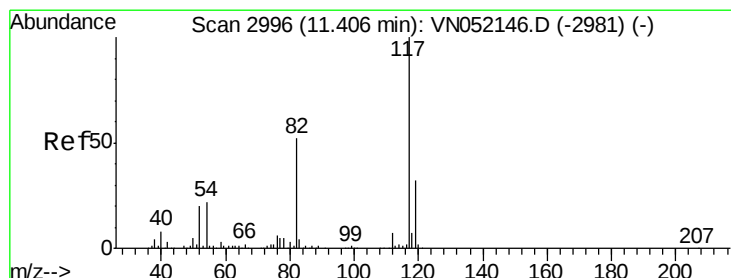
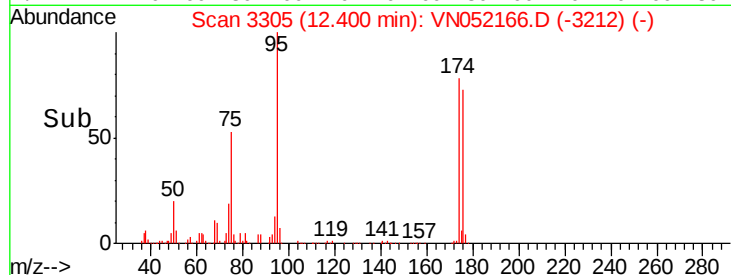
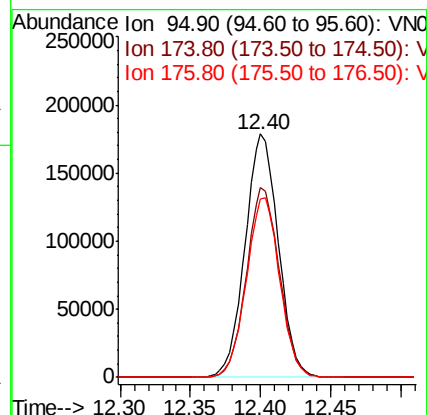
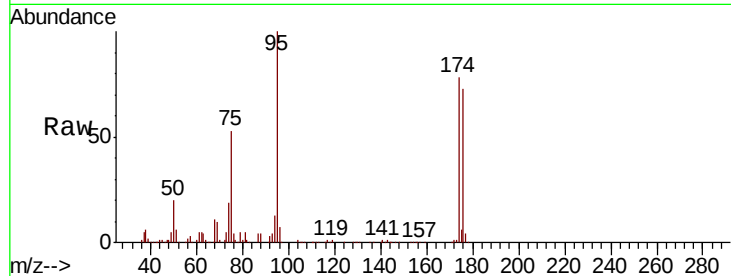
ClientSampleId :

HL-R47183-RT

Tot Ion:	95	Resp:	295723
Ion Ratio	Lower	Upper	
95	100		
174	77.1	0.0	162.6
176	73.9	0.0	155.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

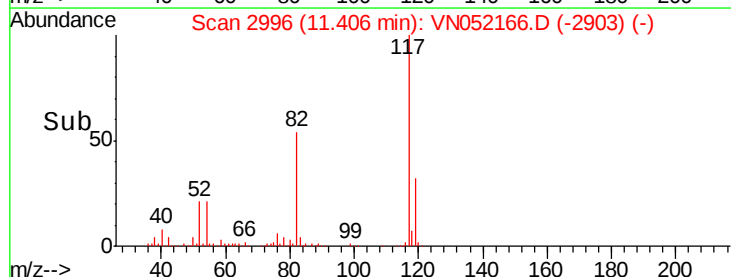
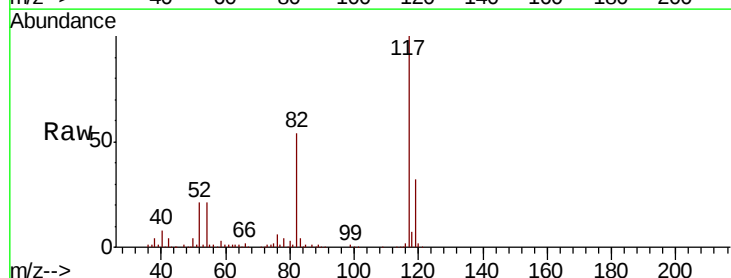
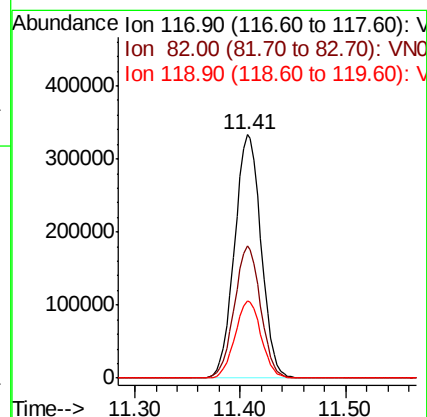
RT: 11.41 min Scan# 2996

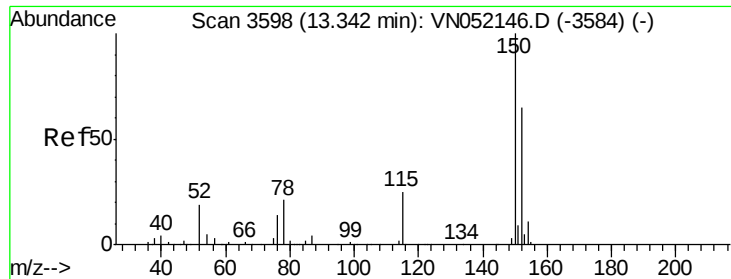
Delta R.T. -0.00 min

Lab File: VN052166.D

Acq: 5 Nov 2018 23:54

Tgt Ion:	117	Resp:	578423
Ion Ratio	Lower	Upper	
117	100		
82	54.5	41.9	62.9
119	31.9	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052166.D

Acq: 5 Nov 2018 23:54

Instrument :

MSVOA_N

ClientSampleId :

HL-R47183-RT

Tot Ion:	152	Resp:	240201
Ion Ratio	Lower	Upper	
152	100		
115	61.7	28.5	85.5
150	159.8	0.0	348.6

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