

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052165.D
 Acq On : 5 Nov 2018 23:27
 Operator : MD\SY
 Sample : J5815-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HL-R37719-RT

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 10:00:41 AM

Quant Time: Nov 06 06:23:44 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	324857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	584830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	255496	66.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.66%	
35) Dibromofluoromethane	7.59	113	221014	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
50) Toluene-d8	10.09	98	872860	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
62) 4-Bromofluorobenzene	12.40	95	290561	63.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.10%	
Target Compounds						
16) Acetone	3.82	43	5982	6.854	ug/l #	84
20) Methylene Chloride	4.55	84	12333m	3.401	ug/l	
43) Isopropyl Acetate	8.17	43	202982	34.386	ug/l #	87
95) Naphthalene	15.13	128	10304	1.411	ug/l	97

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

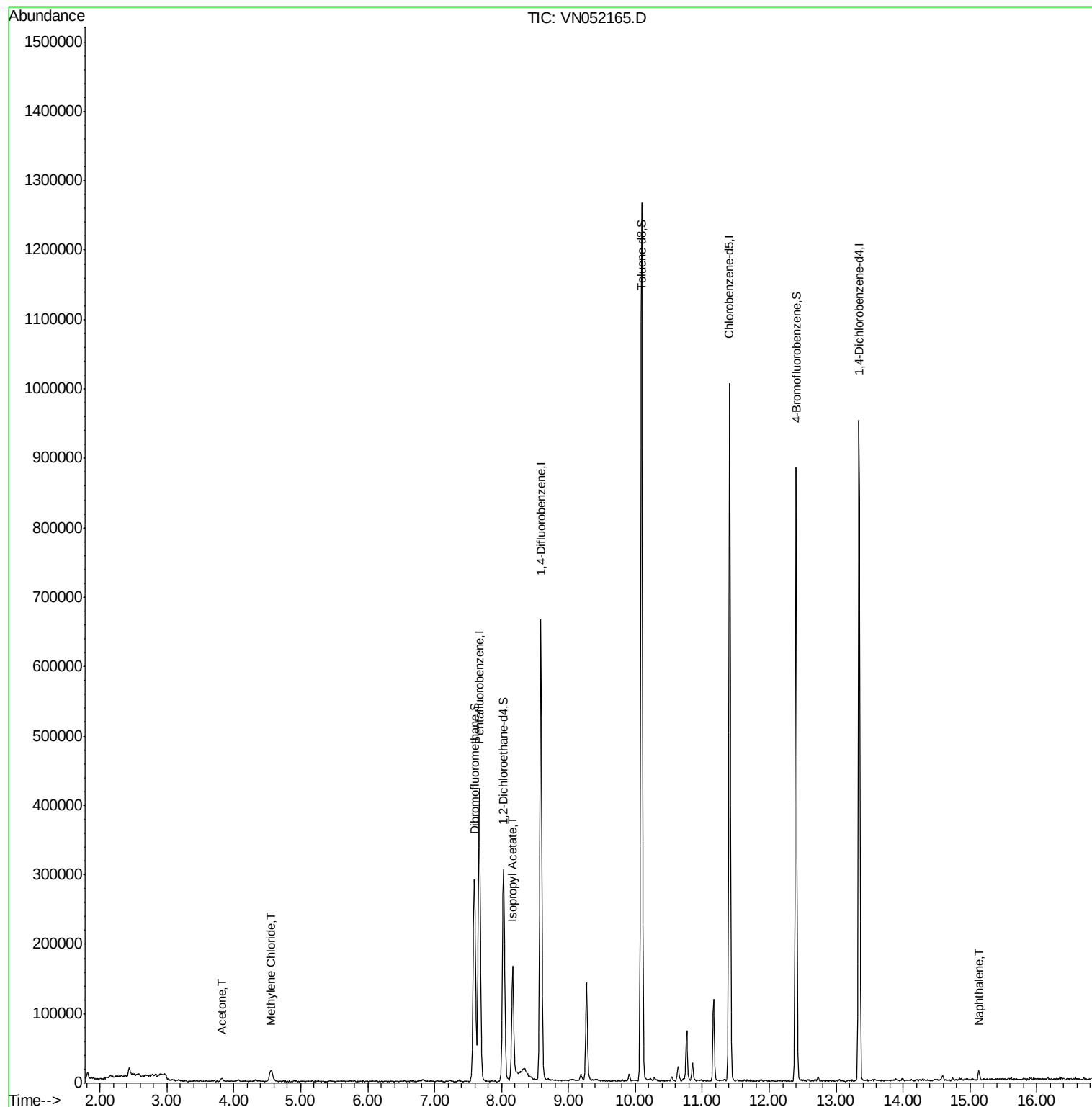
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110518\
Data File : VN052165.D
Acq On : 5 Nov 2018 23:27
Operator : MD\SY
Sample : J5815-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 28

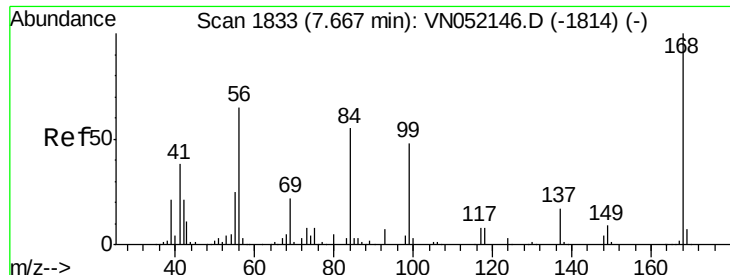
Instrument :
MSVOA_N
ClientSampleId :
HL-R37719-RT

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Response via : Initial Calibration





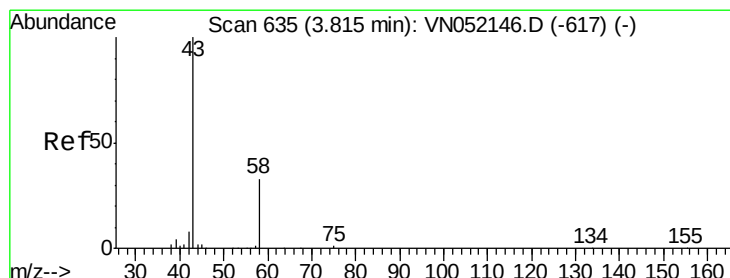
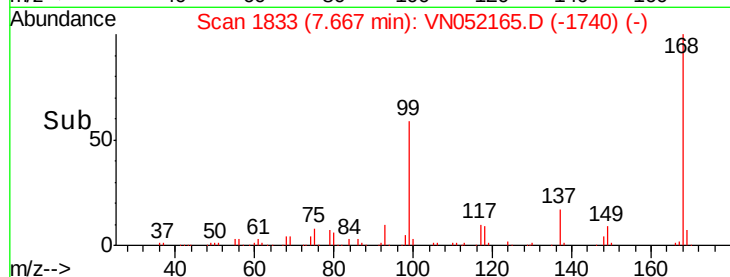
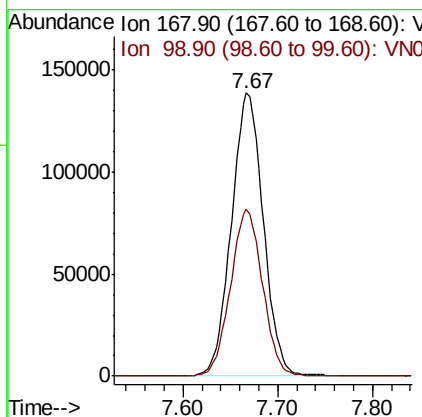
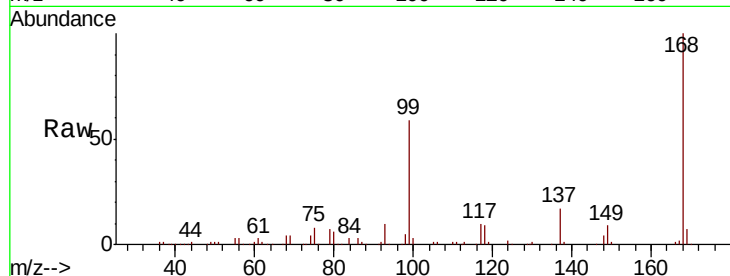
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052165.D
Acq: 5 Nov 2018 23:27

Instrument :
MSVOA_N
ClientSampleId :
HL-R37719-RT

Tot Ion	Ratio	Lower	Upper
168	100		
99	59.0	45.4	68.2

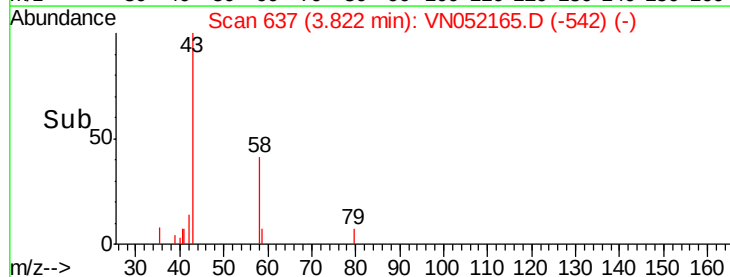
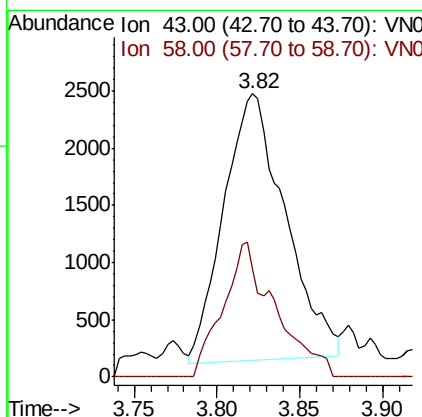
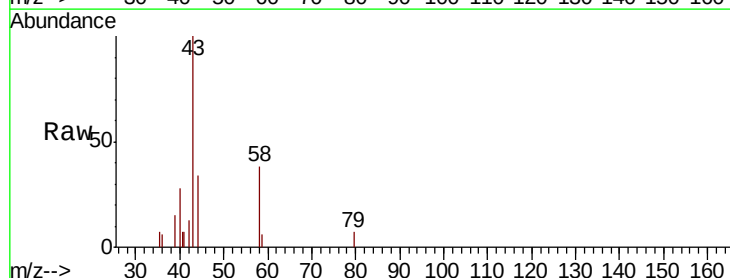
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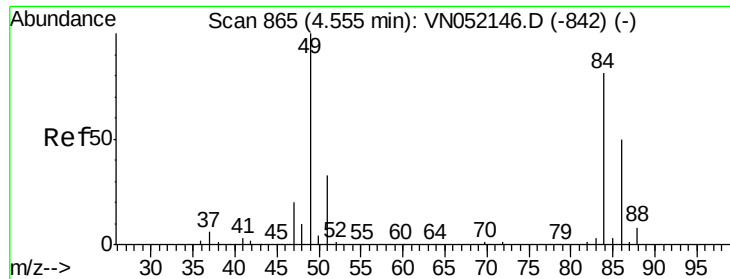
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#16
Acetone
Concen: 6.854 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052165.D
Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	26.2	39.2





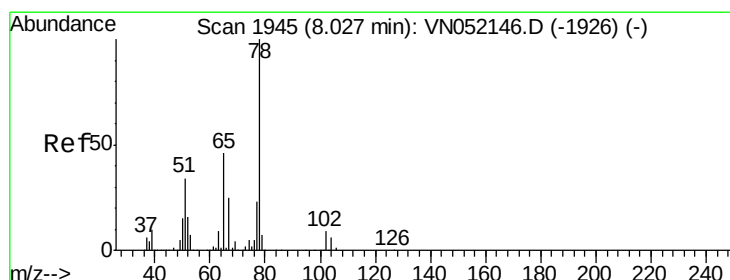
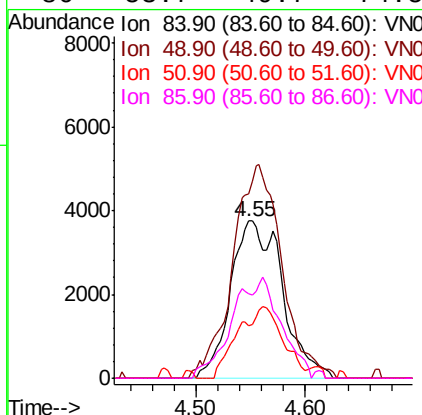
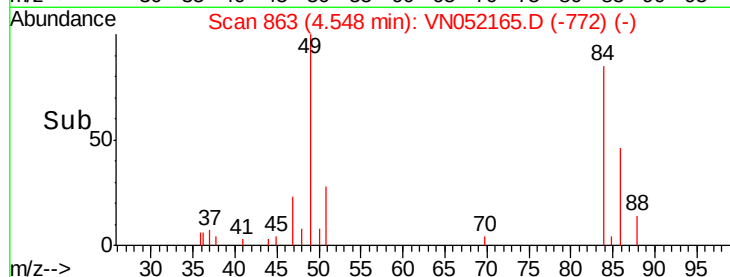
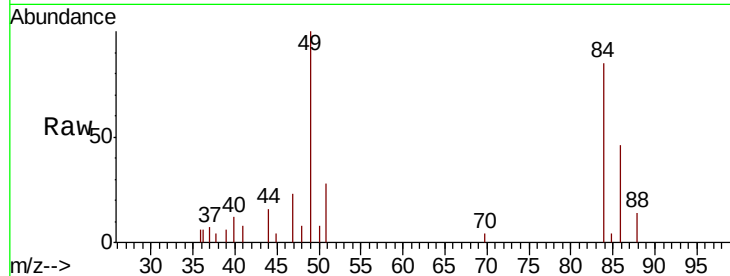
#20
Methylene Chloride
Concen: 3.401 ug/l m
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052165.D
Acq: 5 Nov 2018 23:27

Instrument :
MSVOA_N
ClientSampleId :
HL-R37719-RT

Tot Ion	Ratio	Lower	Upper
84	100		
49	117.0	98.4	147.6
51	33.0	32.5	48.7
86	53.7	49.7	74.5

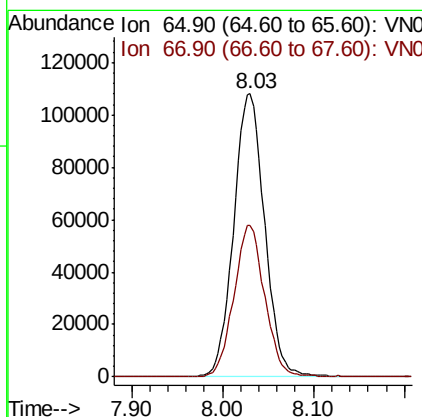
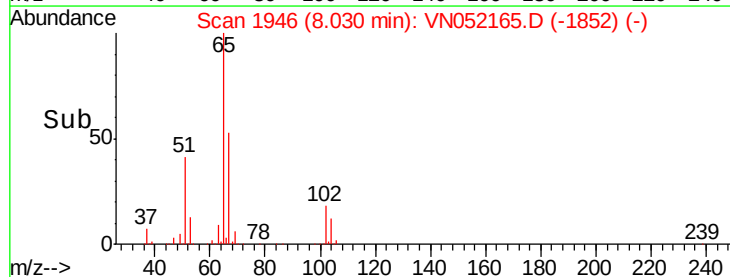
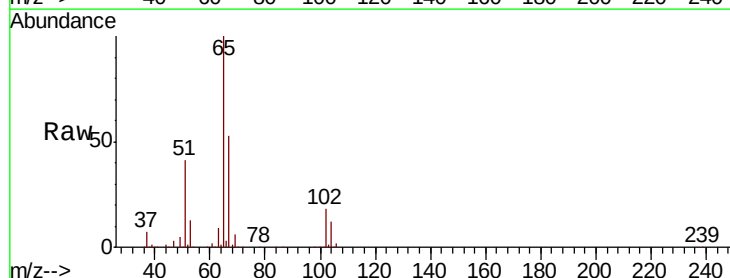
Manual Integrations
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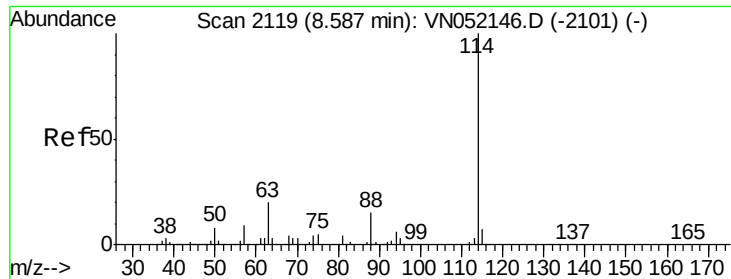
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052165.D
Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.6





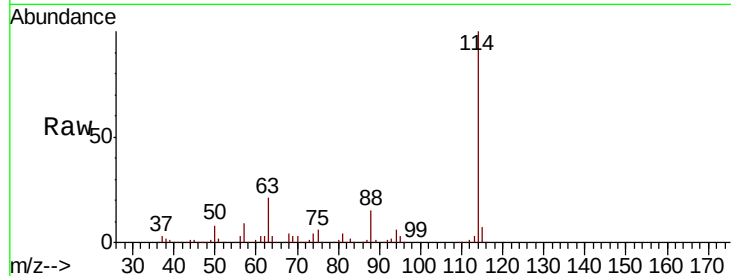
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052165.D
 Acq: 5 Nov 2018 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 HL-R37719-RT

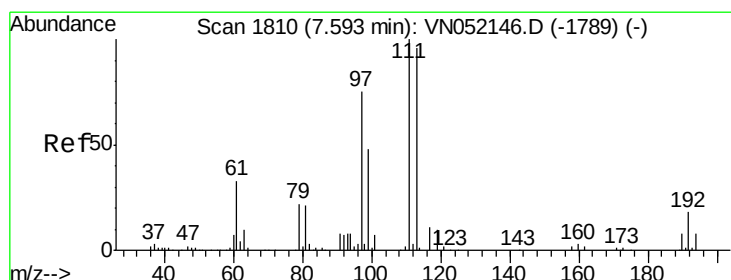
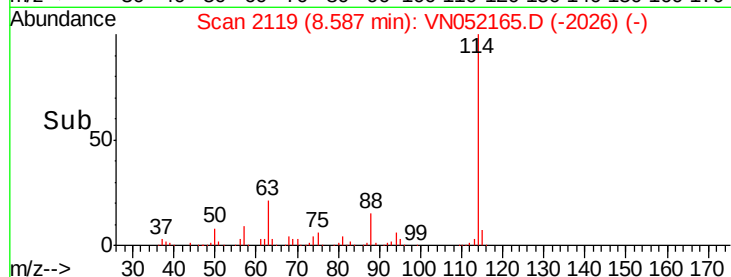
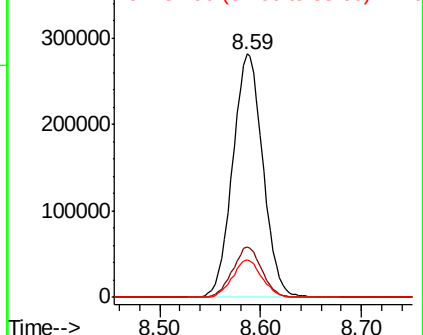
Tot Ion	Ratio	Resp	Lower	Upper
114	100	584830		
63	20.8		0.0	40.0
88	15.4		0.0	31.0

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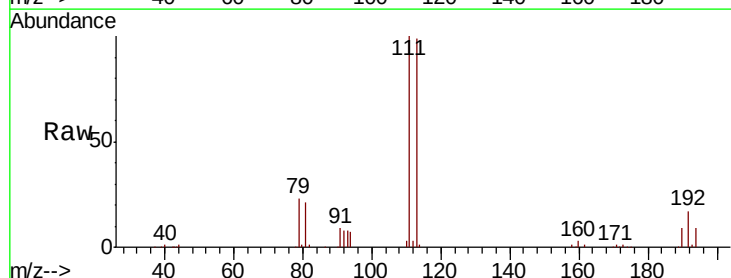


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

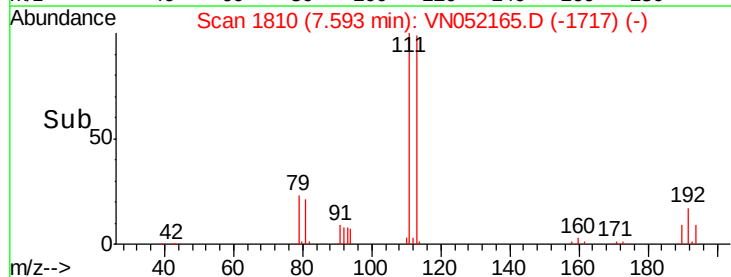
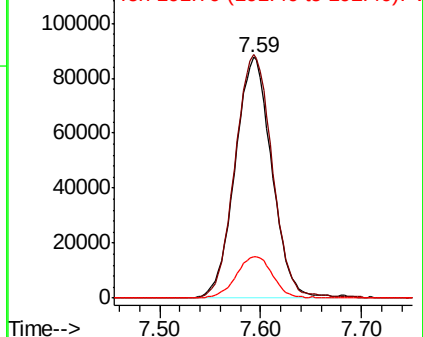


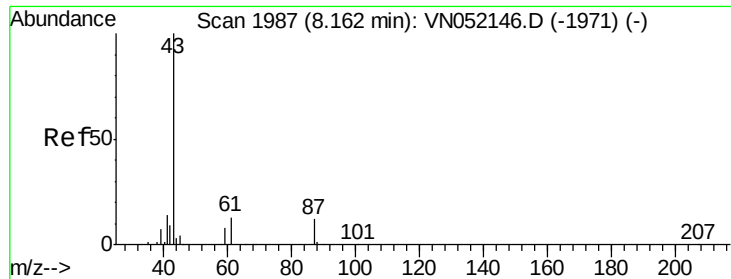
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052165.D
 Acq: 5 Nov 2018 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	221014		
111	102.6		81.7	122.5
192	17.2		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: 34.386 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052165.D

Acq: 5 Nov 2018 23:27

Instrument :

MSVOA_N

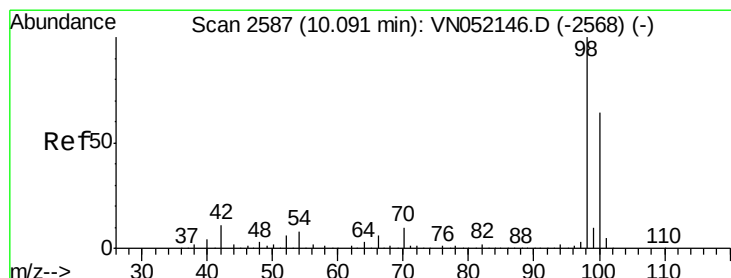
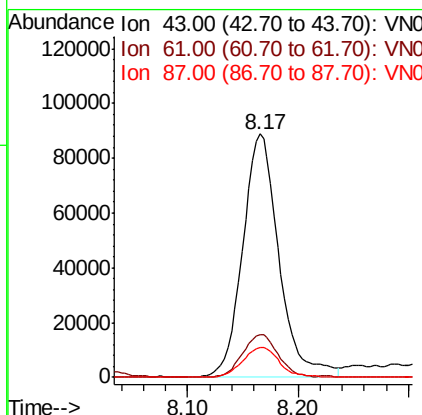
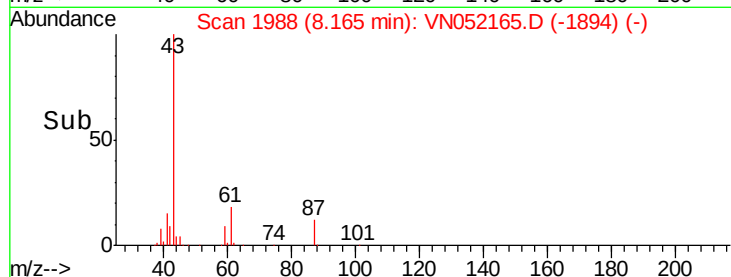
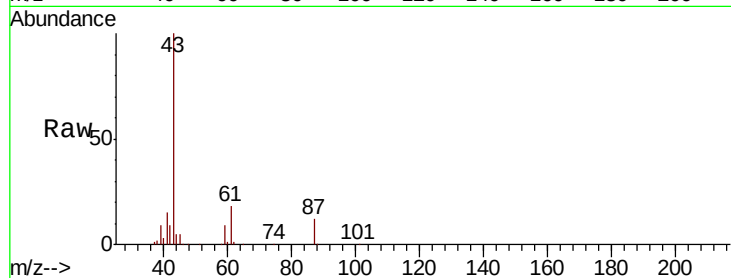
ClientSampleId :

HL-R37719-RT

Tot Ion	43	Resp	202982
Ion Ratio	Lower	Upper	
43	100		
61	17.1	21.5	32.3#
87	12.3	10.2	15.2

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#50

Toluene-d8

Concen: N.D. ug/l

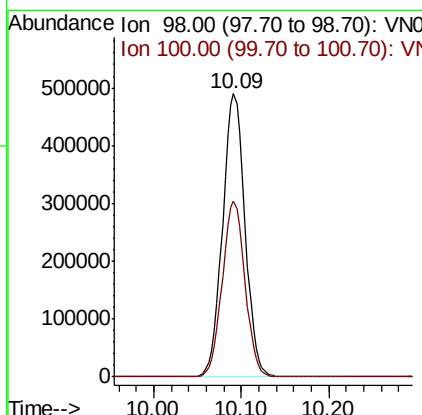
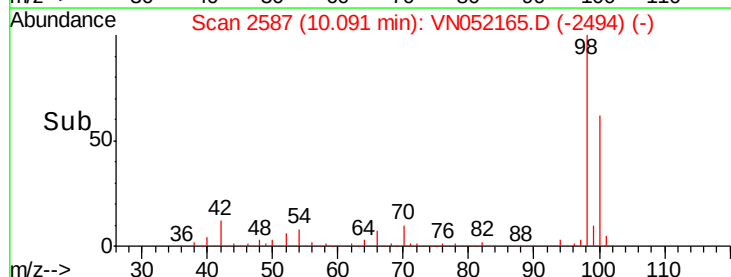
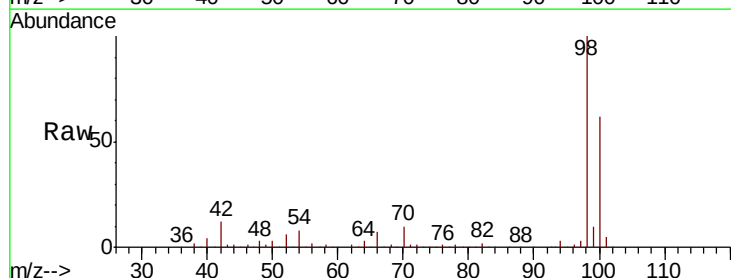
RT: 10.09 min Scan# 2587

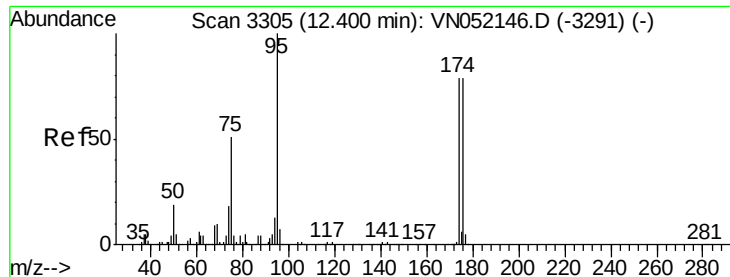
Delta R.T. 0.00 min

Lab File: VN052165.D

Acq: 5 Nov 2018 23:27

Tgt Ion	98	Resp	872860
Ion Ratio	Lower	Upper	
98	100		
100	62.7	50.5	75.7





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052165.D

Acq: 5 Nov 2018 23:27

Instrument :

MSVOA_N

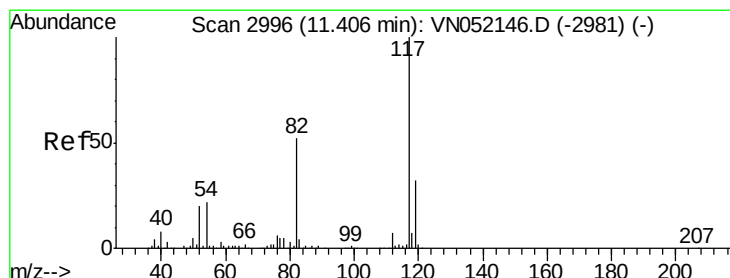
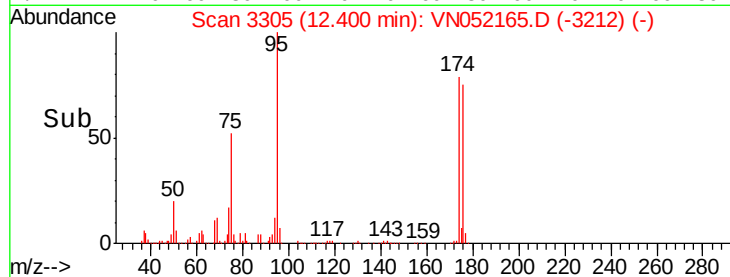
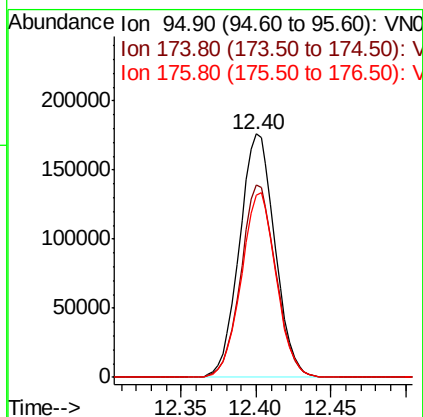
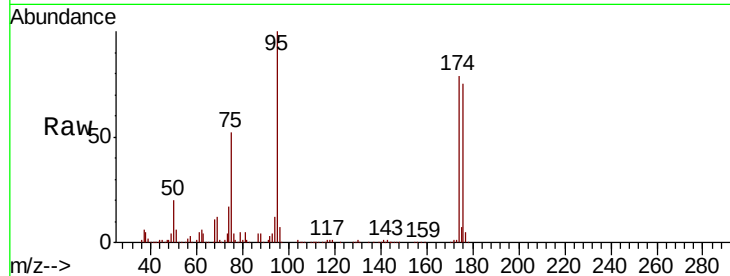
ClientSampleId :

HL-R37719-RT

Tot Ion:	95	Resp:	290561
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	162.6
176	74.6	0.0	155.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

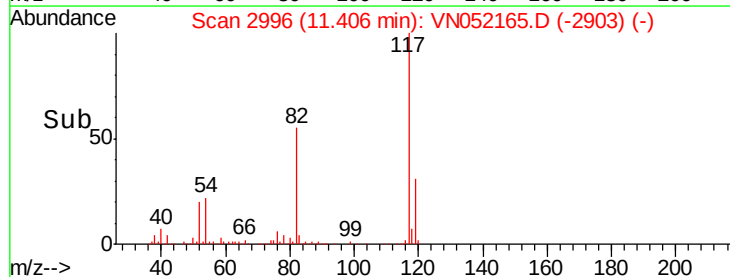
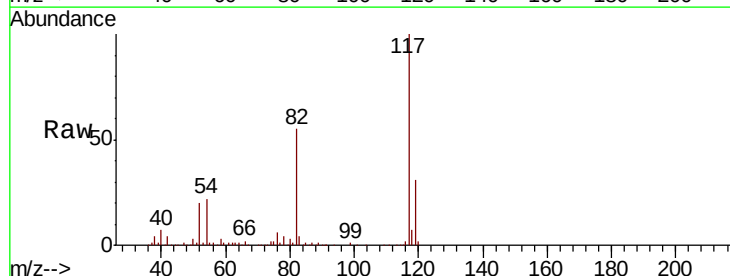
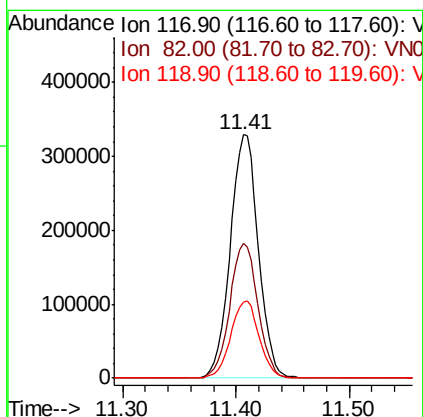
RT: 11.41 min Scan# 2996

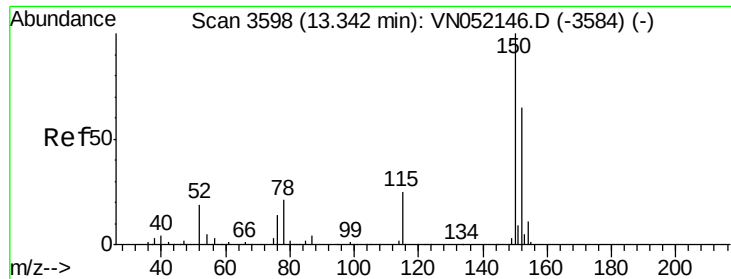
Delta R.T. 0.00 min

Lab File: VN052165.D

Acq: 5 Nov 2018 23:27

Tgt Ion:	117	Resp:	568730
Ion Ratio	Lower	Upper	
117	100		
82	55.2	41.9	62.9
119	31.1	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: VN052165.D

Acq: 5 Nov 2018 23:27

Instrument :

MSVOA_N

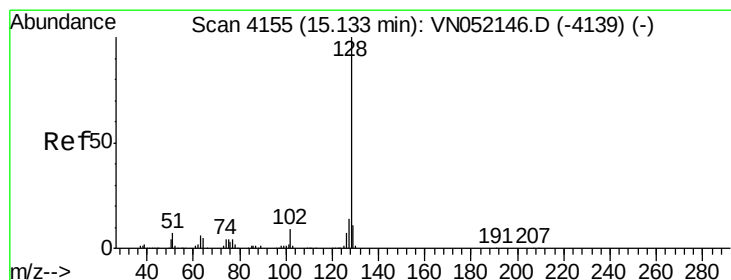
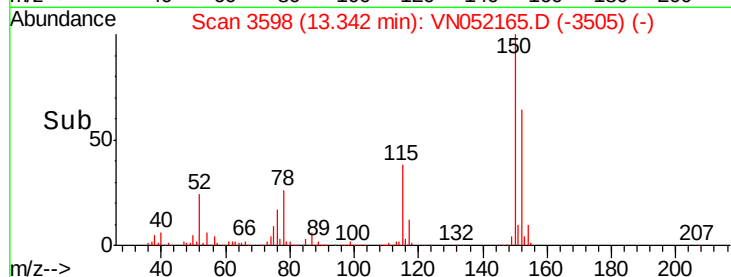
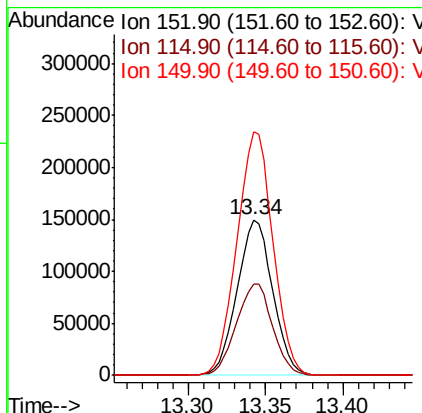
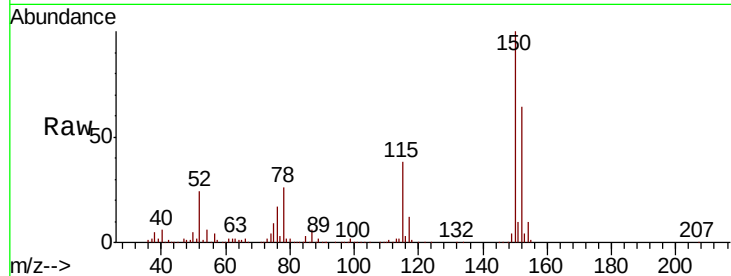
ClientSampleId :

HL-R37719-RT

Tot Ion:	152	Resp:	238512
Ion Ratio	Lower	Upper	
152	100		
115	59.9	28.5	85.5
150	158.7	0.0	348.6

Manual Integrations
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#95

Naphthalene

Concen: 1.411 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052165.D

Acq: 5 Nov 2018 23:27

Tgt Ion:	128	Resp:	10304
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.8	16.2
129	13.6	9.1	13.7

