

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055766.D
 Acq On : 23 May 2019 20:32
 Operator : JC/SP
 Sample : K2977-05 50X
 Misc : 6.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Manual Integrations
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 5/24/2019 9:23:52 AM

Quant Time: May 24 07:35:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	454175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	620957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	556909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	205070	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
35) Dibromofluoromethane	7.59	113	188485	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	735743	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	235792	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	120835	7.442	ug/l	99
86) p-Isopropyltoluene	13.29	119	16581	1.114	ug/l	98
89) n-Butylbenzene	13.62	91	11153m	0.978	ug/l	

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

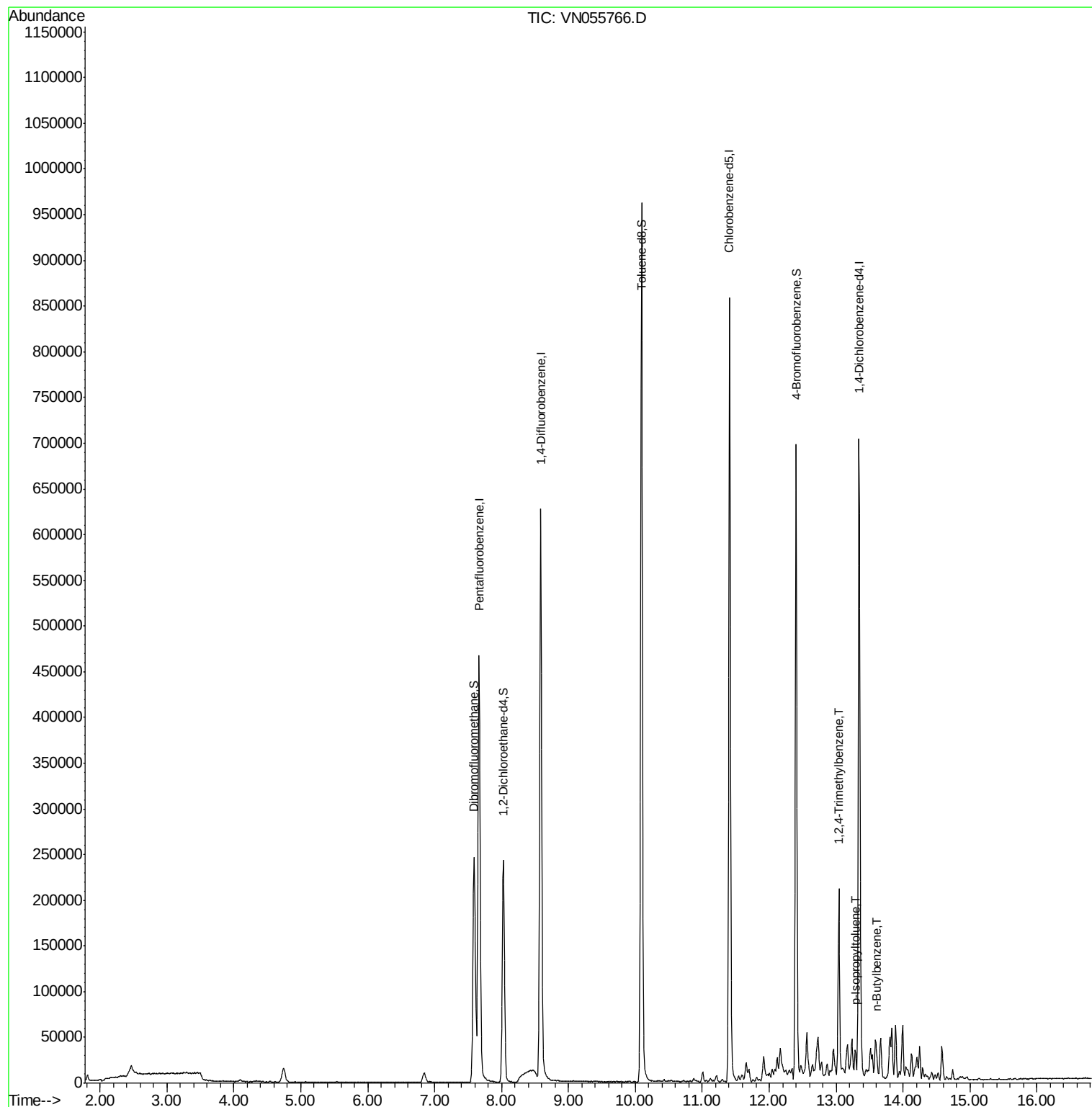
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055766.D
Acq On : 23 May 2019 20:32
Operator : JC/SP
Sample : K2977-05 50X
Misc : 6.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 29 Sample Multiplier: 1

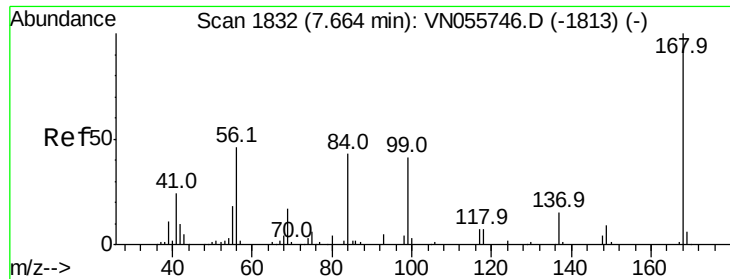
Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055766.D

Acq: 23 May 2019 20:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-5R(14-17)

Tot Ion:168 Resp: 454175

Ion Ratio Lower Upper

168 100

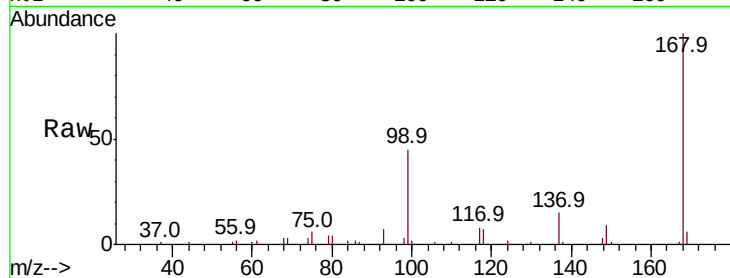
99 44.6 37.2 55.8

Manual Integrations

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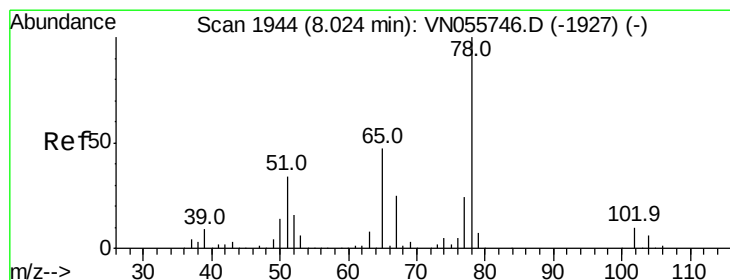
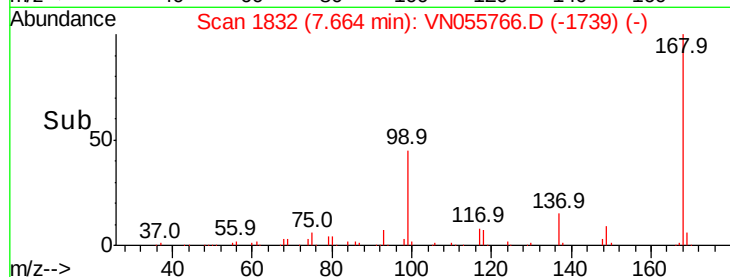
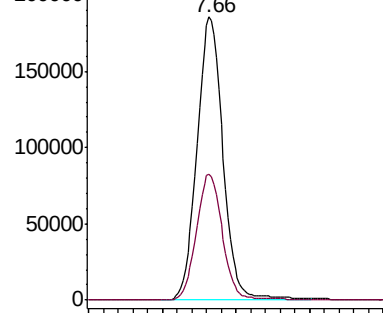
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 43.722 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055766.D

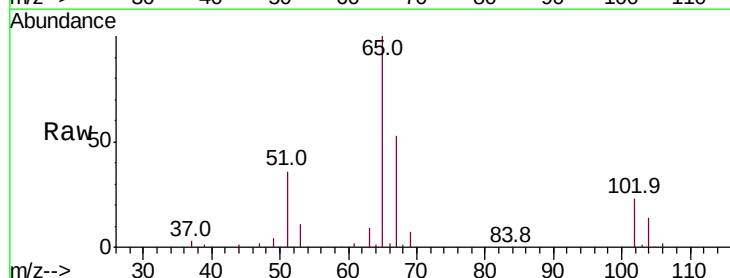
Acq: 23 May 2019 20:32

Tgt Ion: 65 Resp: 205070

Ion Ratio Lower Upper

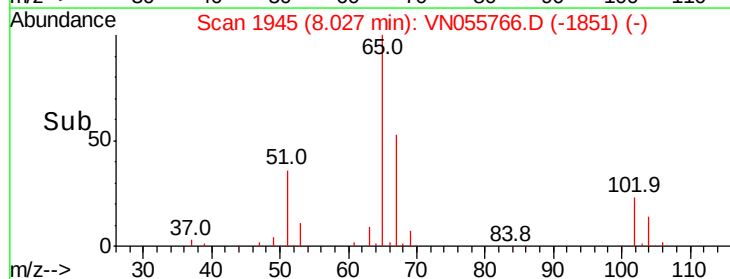
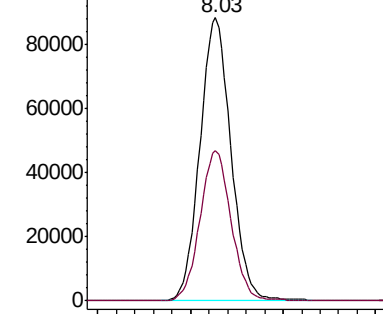
65 100

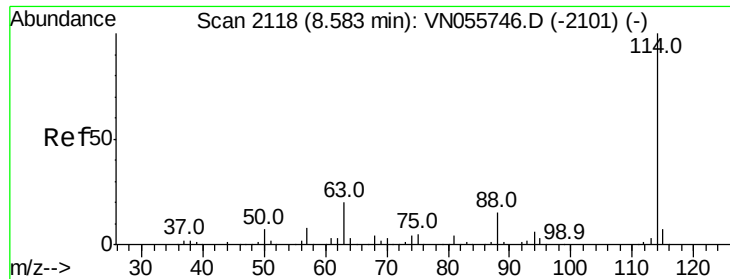
67 53.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





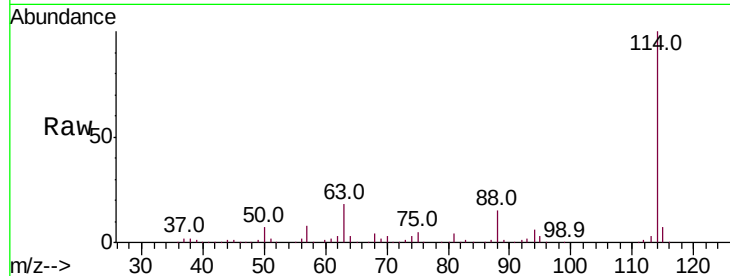
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055766.D
 Acq: 23 May 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.5	0.0	39.2
88	14.8	0.0	31.0

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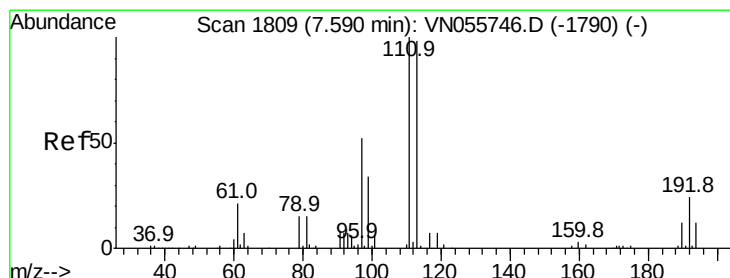
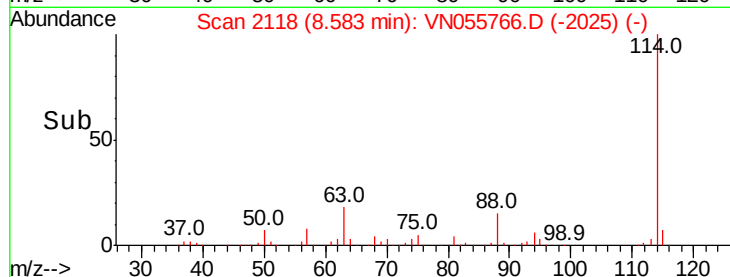
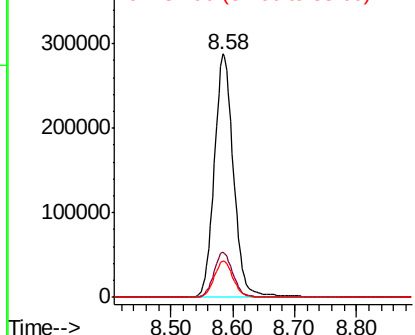


Abundance

Ion 113.90 (113.60 to 114.60): V

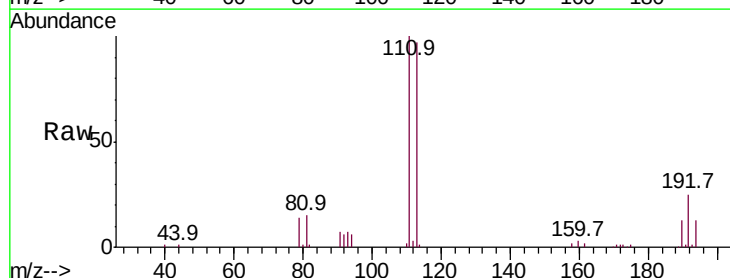
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.011 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055766.D
 Acq: 23 May 2019 20:32

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	81.9	122.9
192	25.3	19.5	29.3

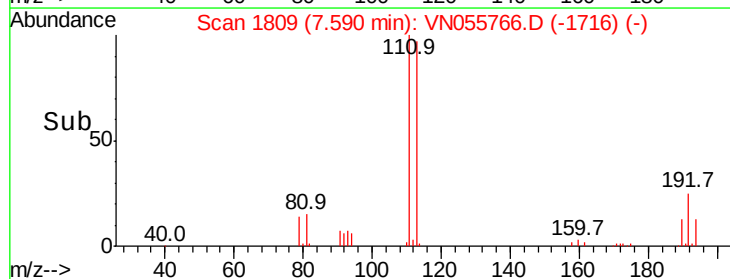
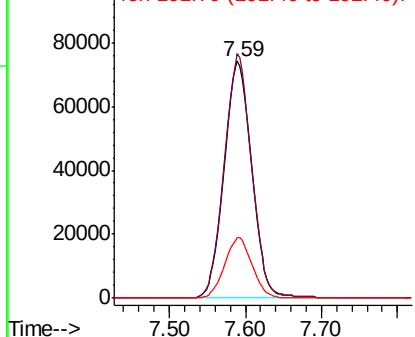


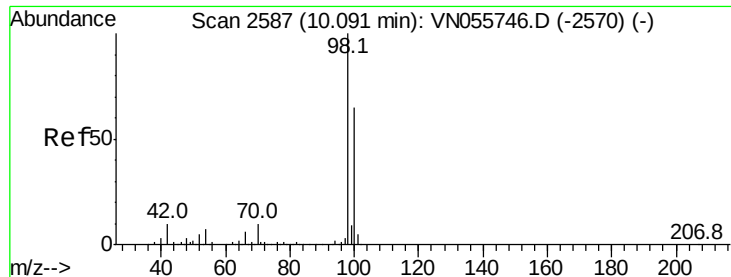
Abundance

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





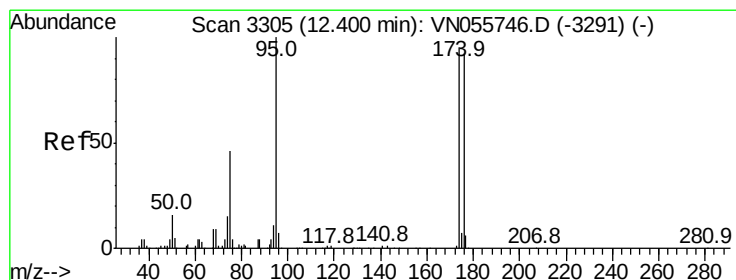
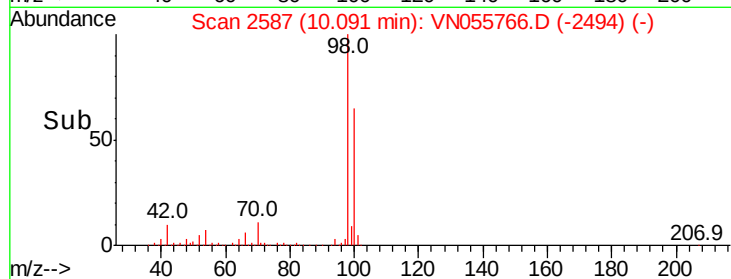
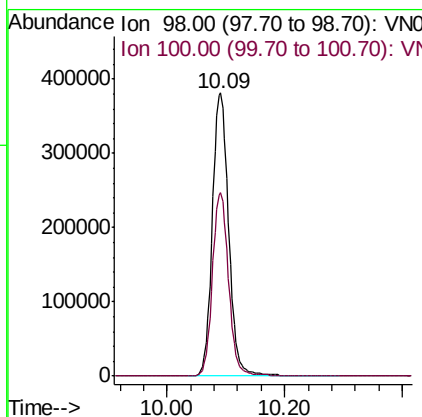
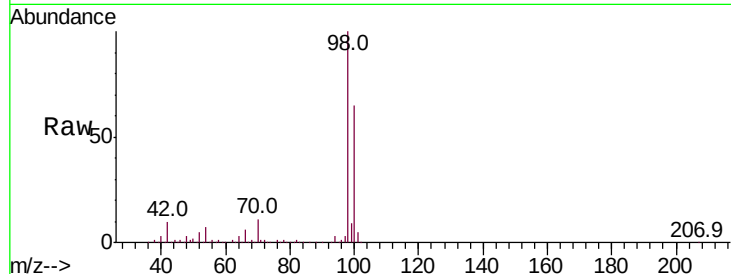
#50
Toluene-d8
Concen: 48.856 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055766.D
Acq: 23 May 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

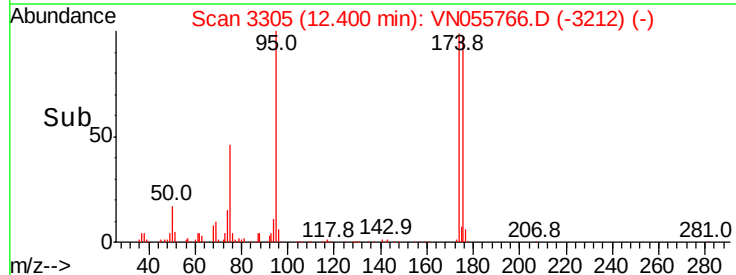
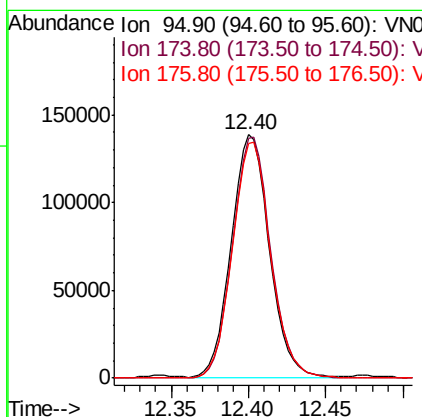
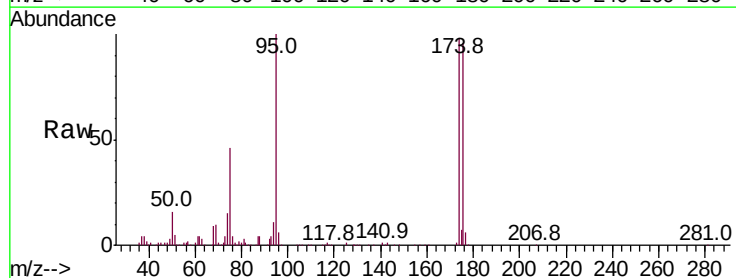
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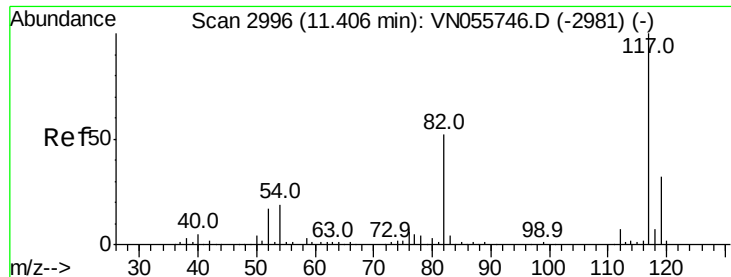
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#62
4-Bromofluorobenzene
Concen: 45.663 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055766.D
Acq: 23 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.0	0.0	191.0
176	98.1	0.0	185.2





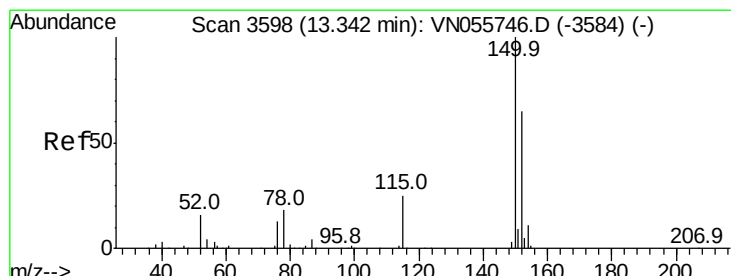
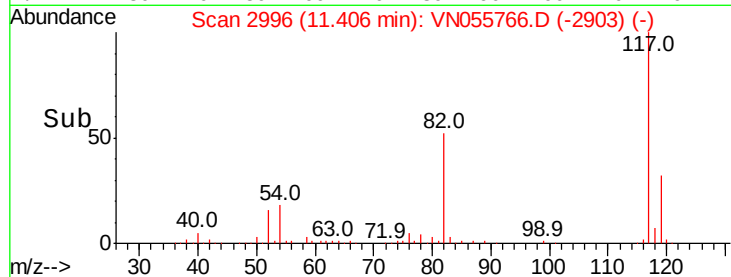
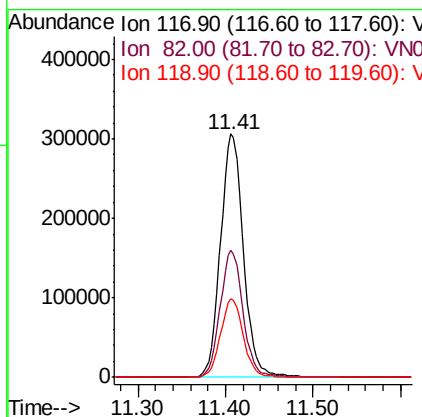
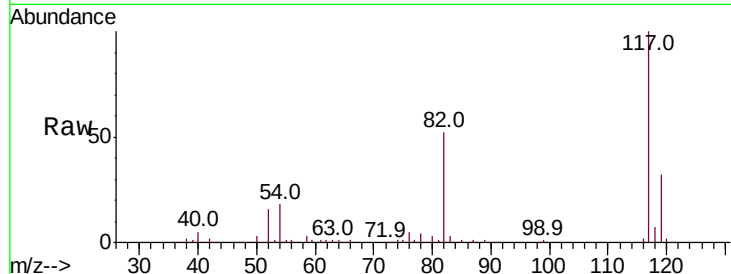
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055766.D
Acq: 23 May 2019 20:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	556909		
82	52.2	41.8	62.8	
119	32.2	25.4	38.0	

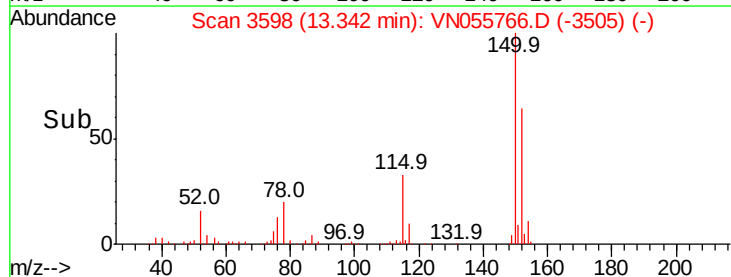
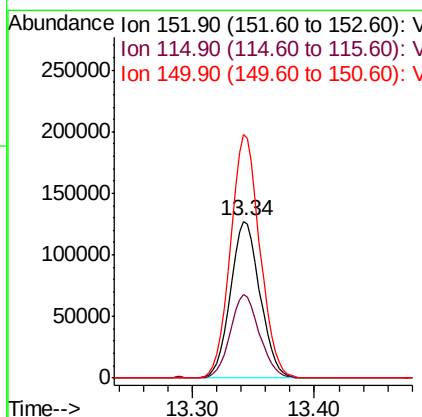
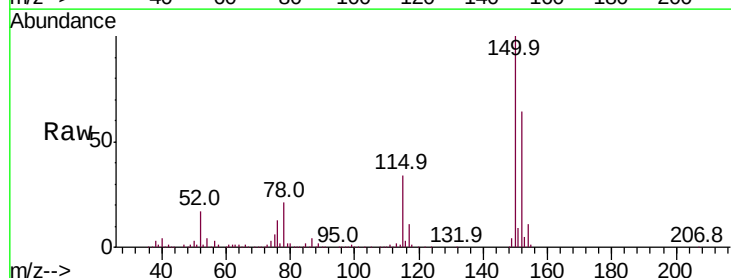
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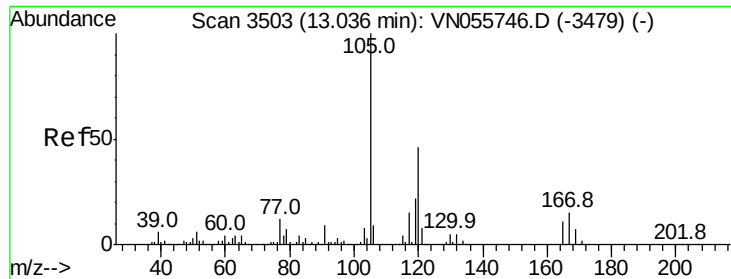
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055766.D
Acq: 23 May 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	214252		
115	53.1	27.0	81.0	
150	154.5	0.0	343.2	





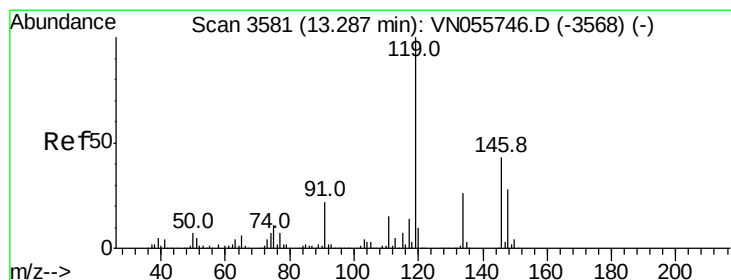
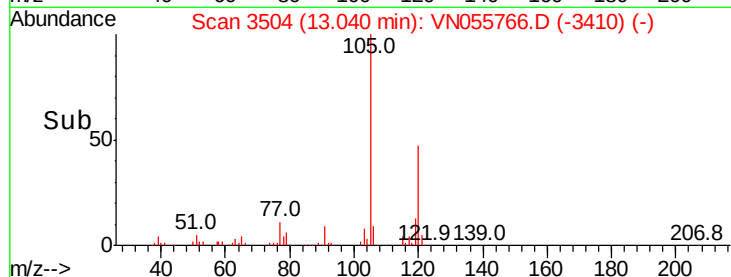
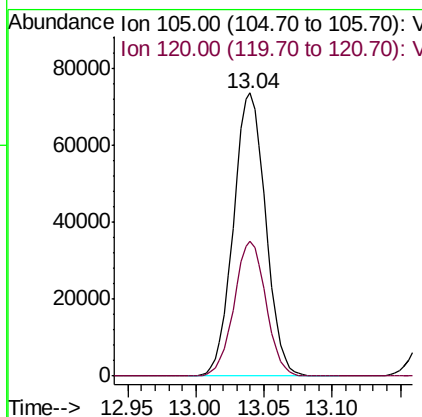
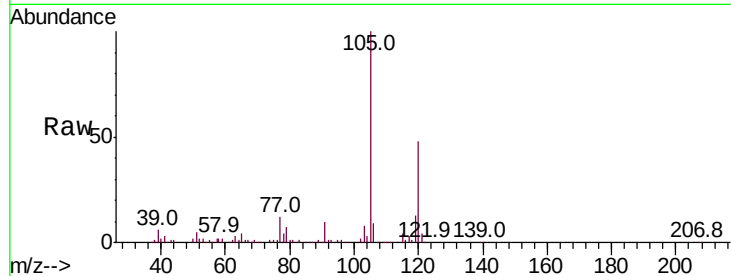
#84
 1,2,4-Trimethylbenzene
 Concen: 7.442 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055766.D
 Acq: 23 May 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
105	100	120835		
120	46.9	23.0	69.0	

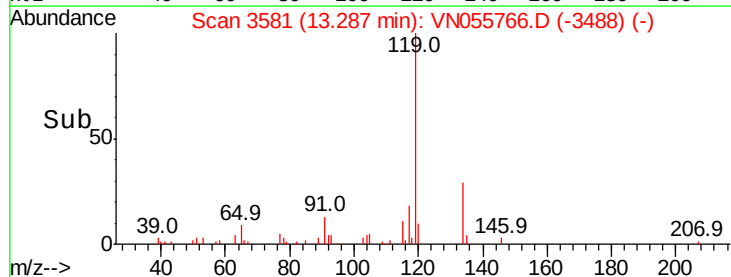
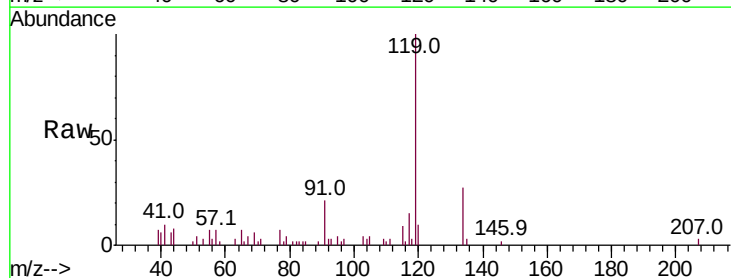
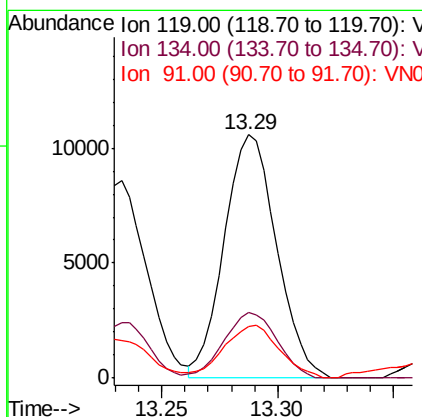
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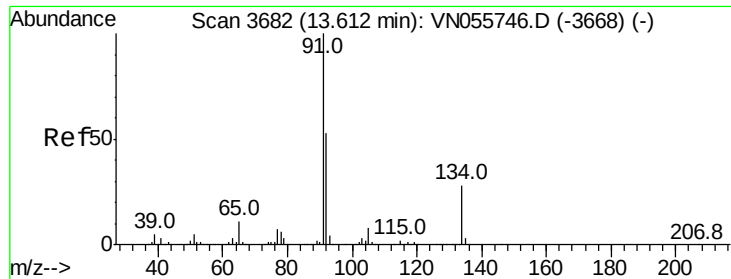
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#86
 p-Isopropyltoluene
 Concen: 1.114 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055766.D
 Acq: 23 May 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	16581		
134	27.5	13.4	40.1	
91	23.3	10.9	32.9	





#89
 n-Butylbenzene
 Concen: 0.978 ug/l m
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN055766.D
 Acq: 23 May 2019 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.4	79.0
134	0.0	13.9	41.7#

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