

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054581.D
 Acq On : 23 Mar 2019 2:48
 Operator : JC/SP
 Sample : K2045-07
 Misc : 7.11g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB438-190318-(19-21)

Quant Time: Mar 23 05:22:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

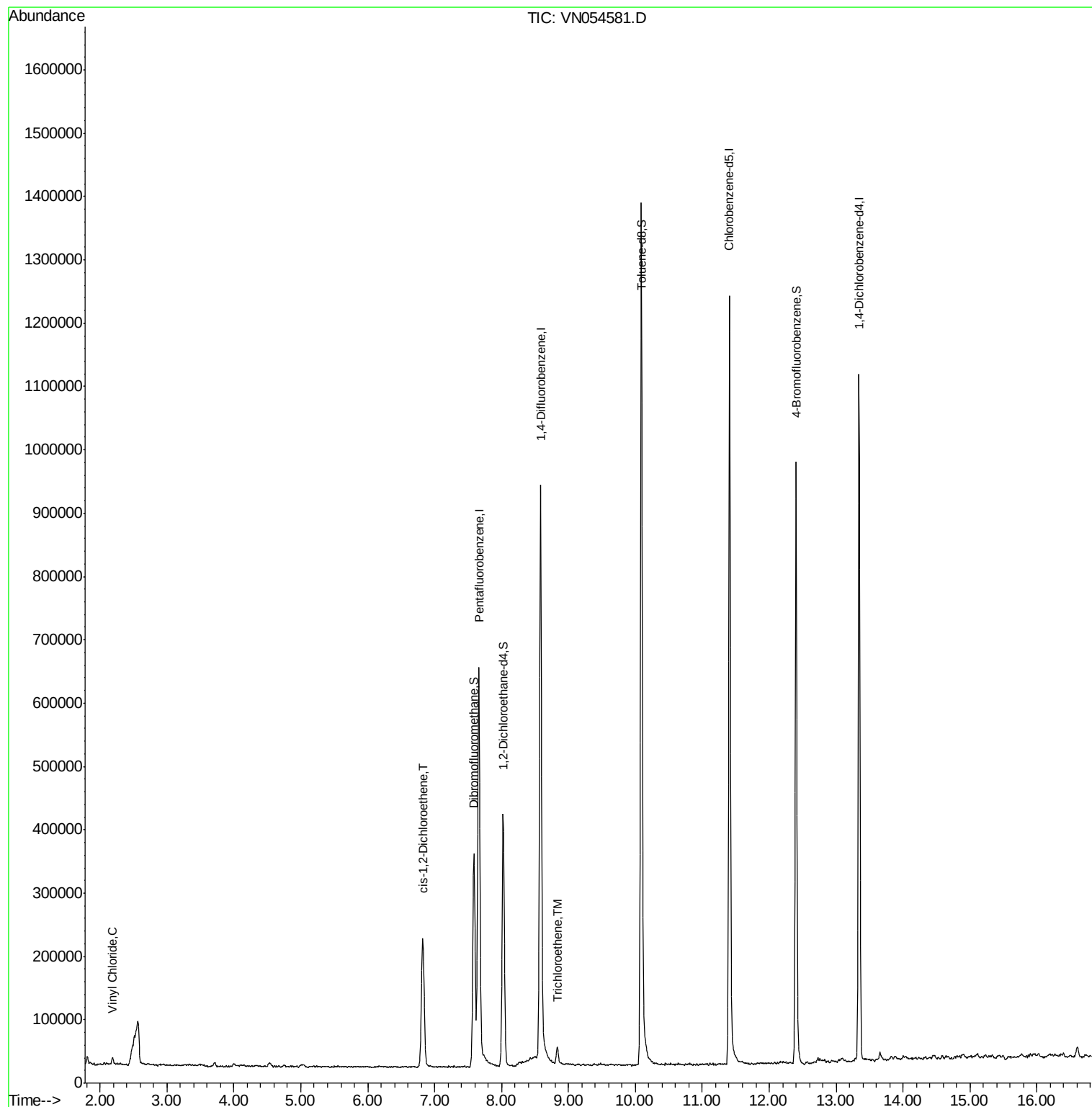
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	545441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	818173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	344093	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	7.59	113	250742	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1007185	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.40	95	325092	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
4) Vinyl Chloride	2.19	62	10433	1.465	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	127806	19.946	ug/l	96
44) Trichloroethene	8.83	130	11435	1.880	ug/l	78

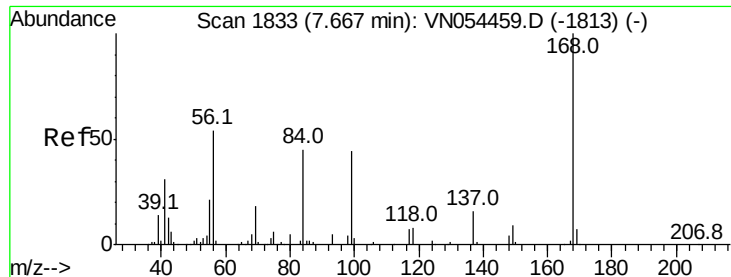
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
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Quant Time: Mar 23 05:22:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054581.D

Acq: 23 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

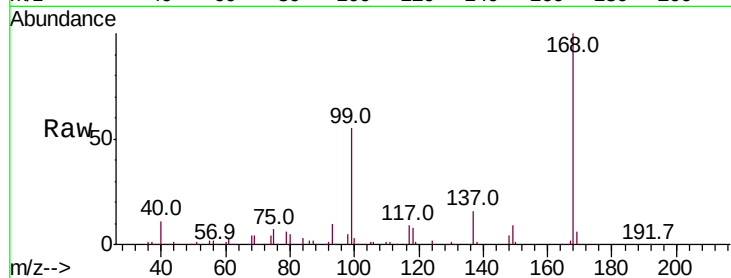
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Tot Ion:168 Resp: 545441

Ion Ratio Lower Upper

168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

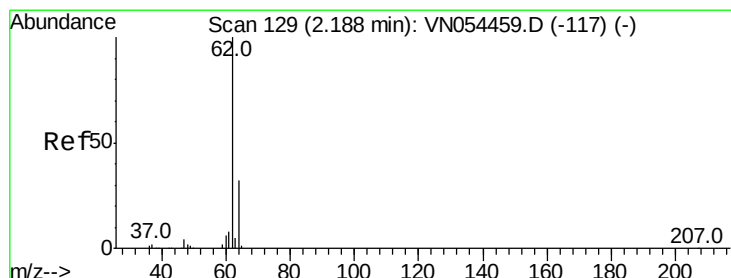
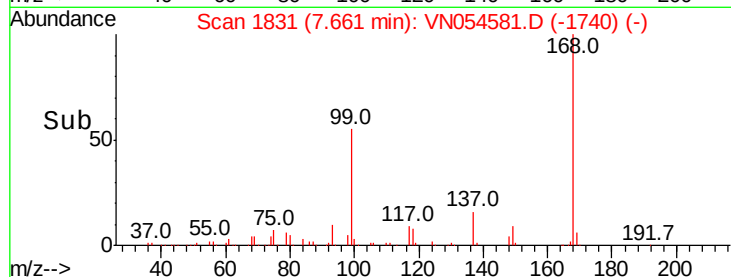
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 1.465 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054581.D

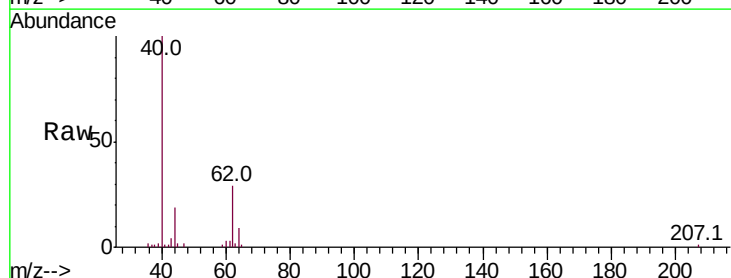
Acq: 23 Mar 2019 2:48

Tgt Ion: 62 Resp: 10433

Ion Ratio Lower Upper

62 100

64 30.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

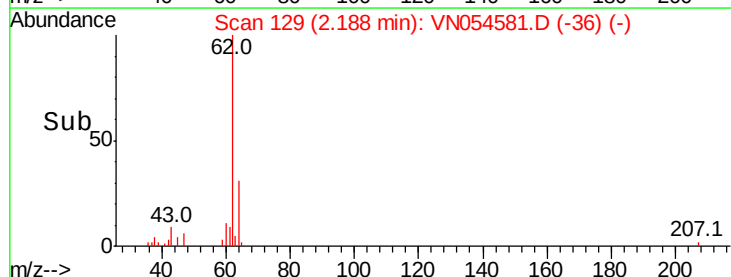
6000

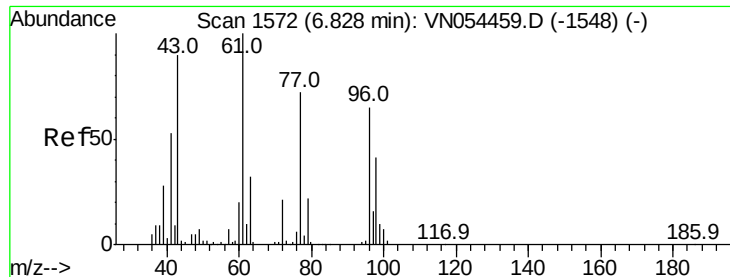
4000

2000

0

Time--> 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 19.946 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054581.D

Acq: 23 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

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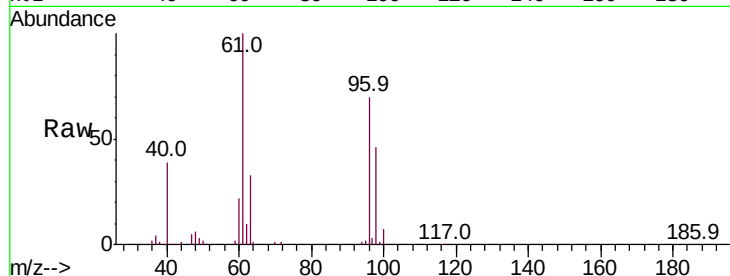
Tot Ion: 96 Resp: 127806

Ion Ratio Lower Upper

96 100

61 144.3 0.0 273.0

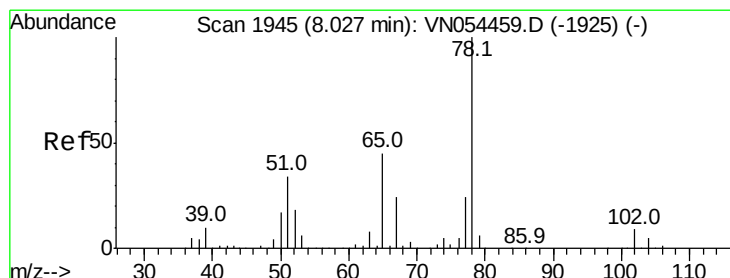
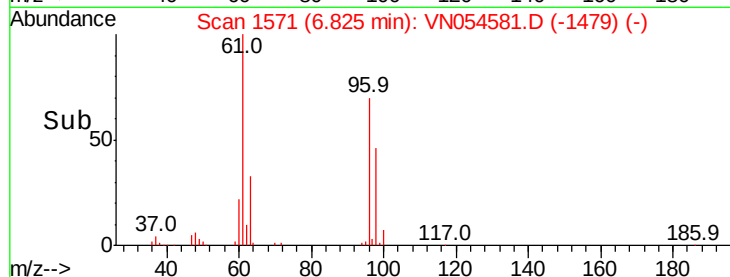
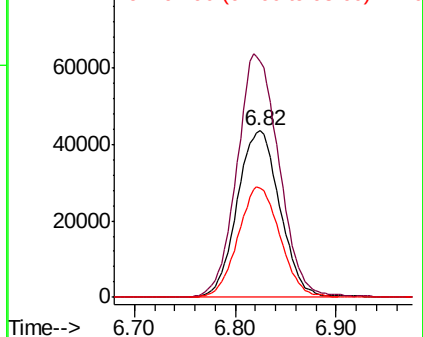
98 65.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.718 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054581.D

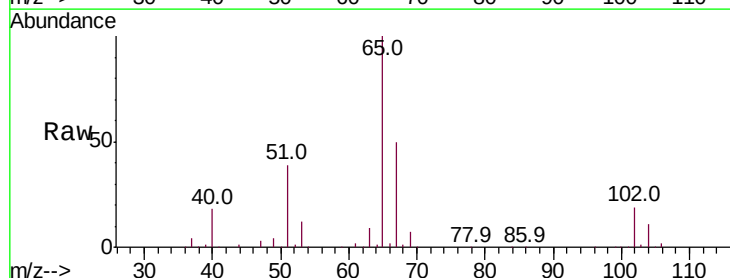
Acq: 23 Mar 2019 2:48

Tgt Ion: 65 Resp: 344093

Ion Ratio Lower Upper

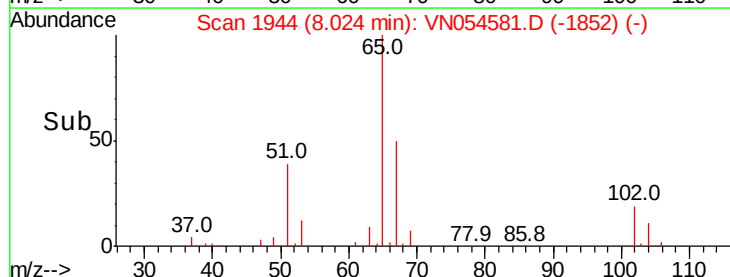
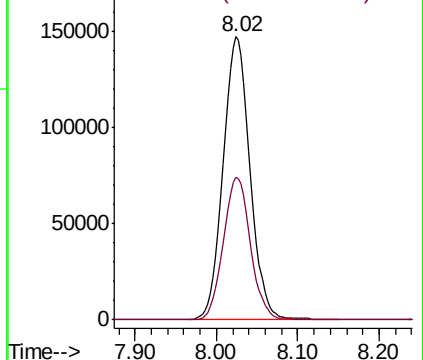
65 100

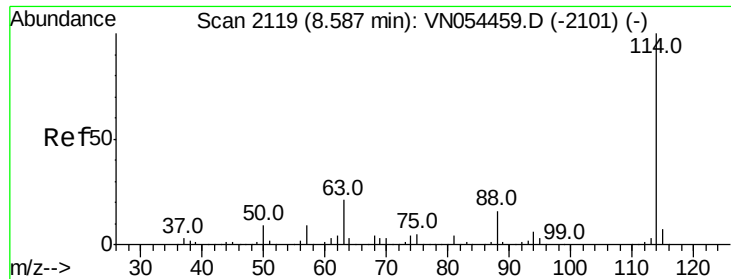
67 50.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

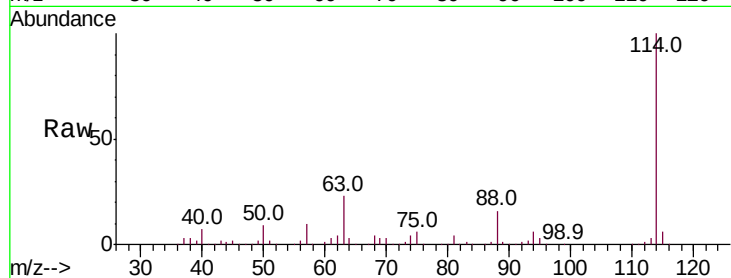




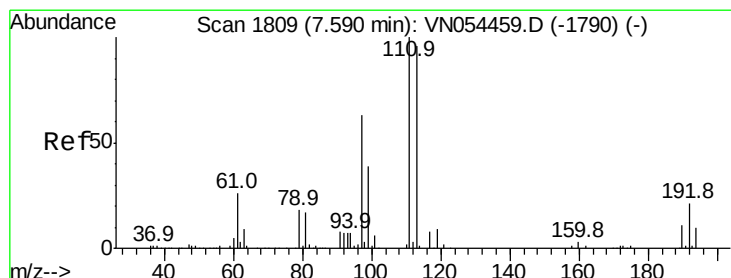
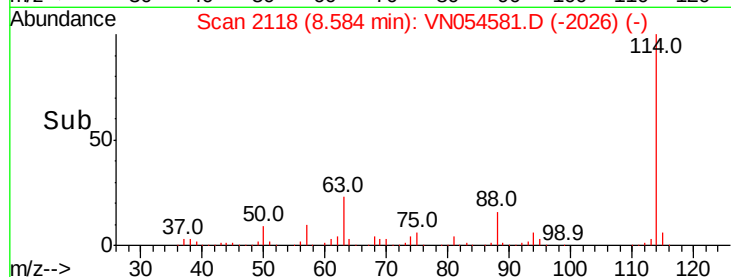
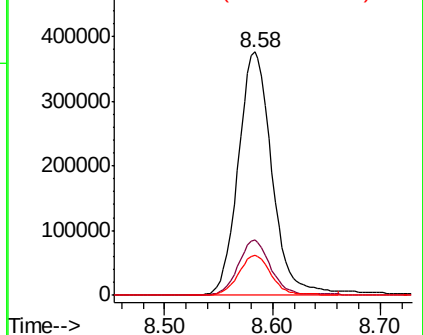
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054581.D
 Acq: 23 Mar 2019 2:48

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB438-190318-(19-21)

Tot Ion:114 Resp: 818173
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 16.3 0.0 30.2

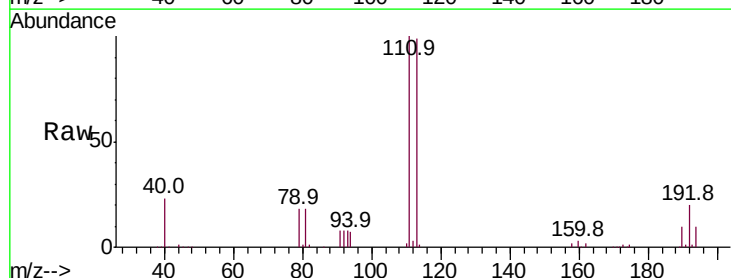


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

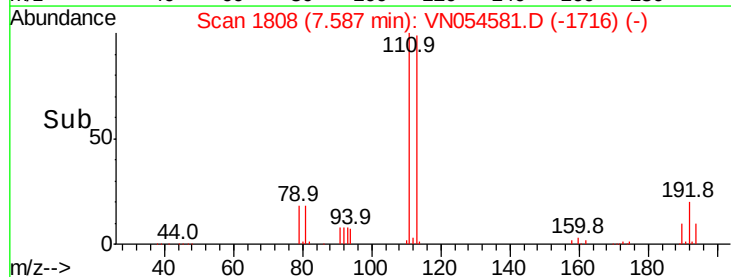
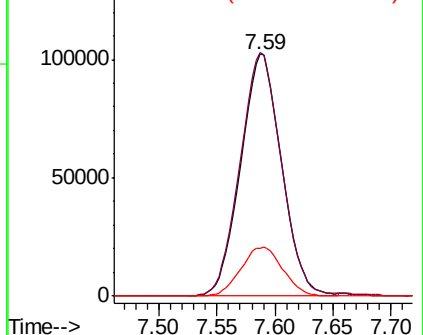


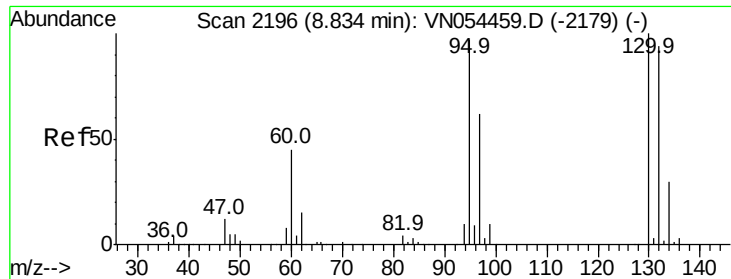
#35
 Dibromofluoromethane
 Concen: 47.570 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054581.D
 Acq: 23 Mar 2019 2:48

Tgt Ion:113 Resp: 250742
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 20.7 19.2 28.8



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





#44

Trichloroethene

Concen: 1.880 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054581.D

Acq: 23 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

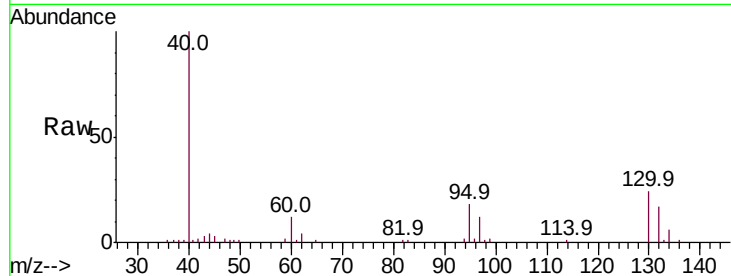
WP022SB438-190318-(19-21)

Tot Ion:130 Resp: 11435

Ion Ratio Lower Upper

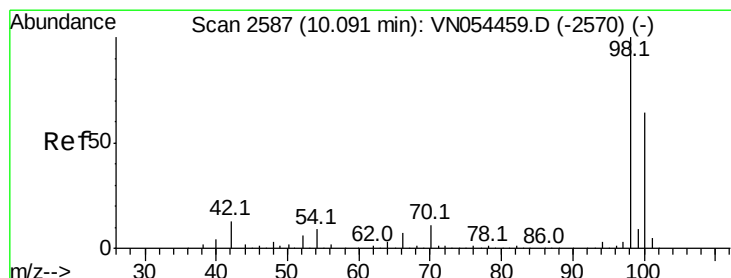
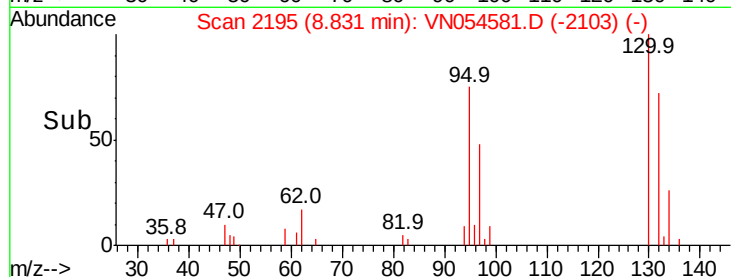
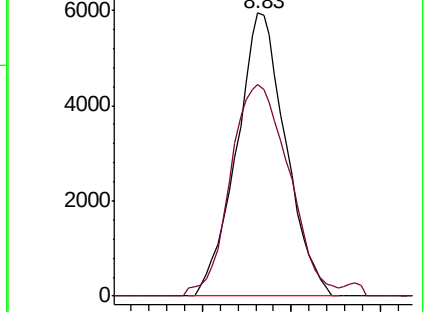
130 100

95 71.8 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)



#50

Toluene-d8

Concen: 50.827 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054581.D

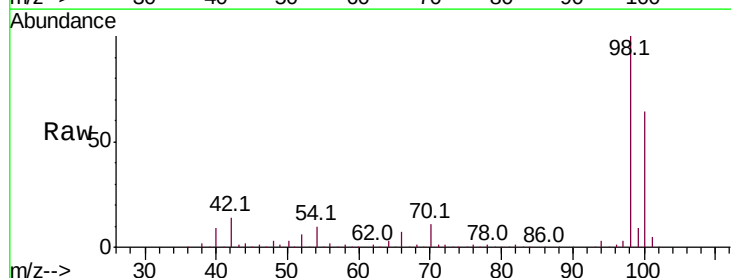
Acq: 23 Mar 2019 2:48

Tgt Ion: 98 Resp: 1007185

Ion Ratio Lower Upper

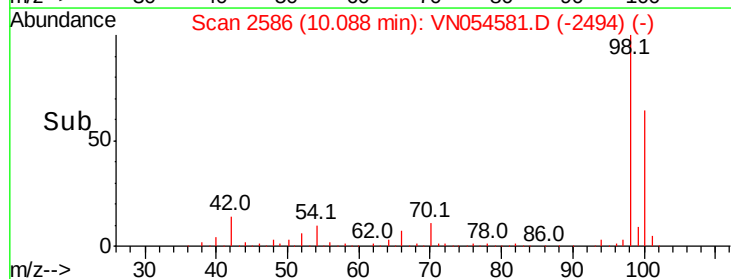
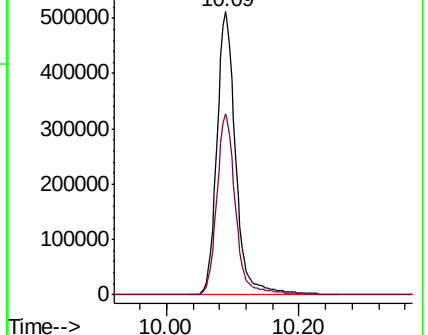
98 100

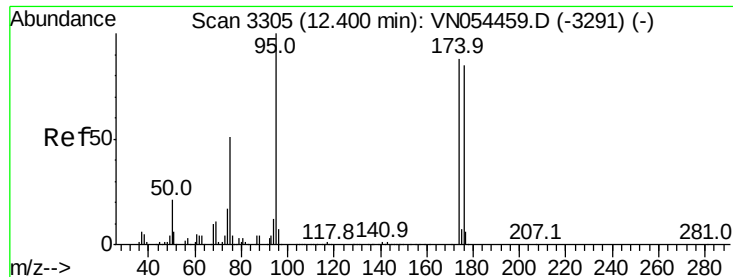
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

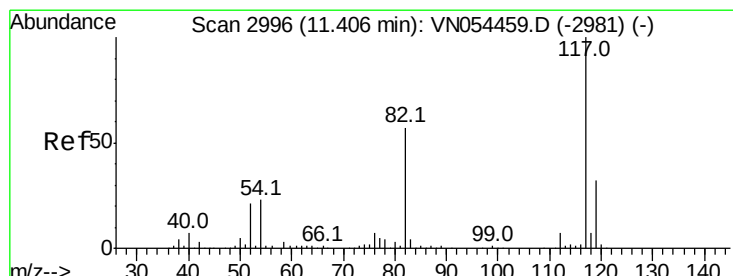
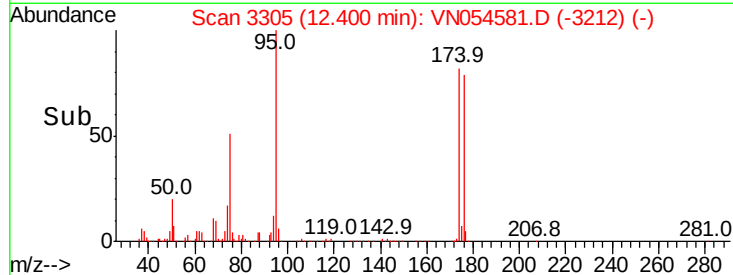
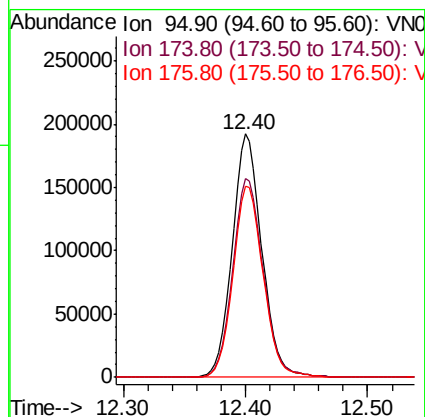
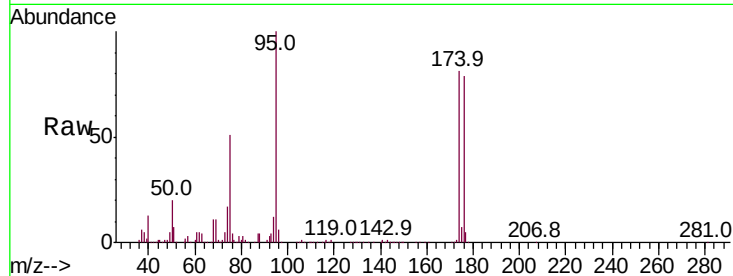




#62
4-Bromofluorobenzene
Concen: 48.211 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054581.D
Acq: 23 Mar 2019 2:48

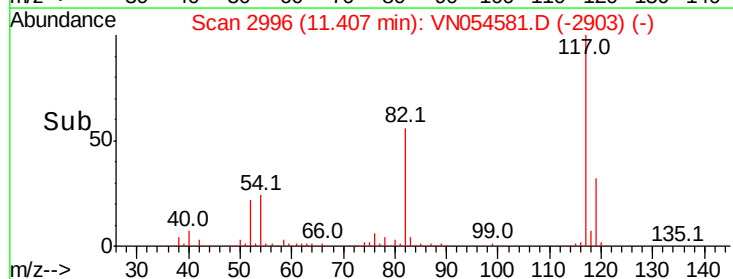
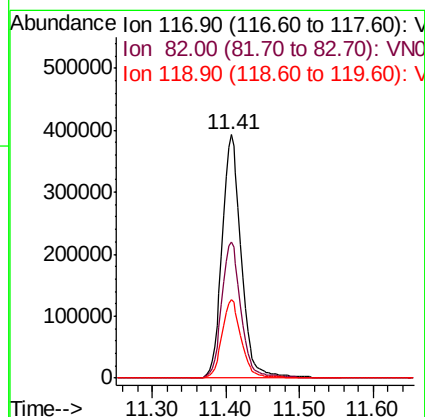
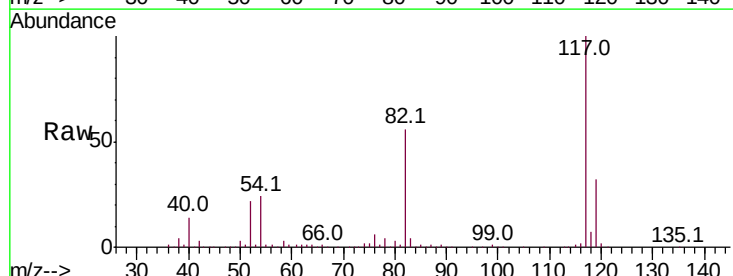
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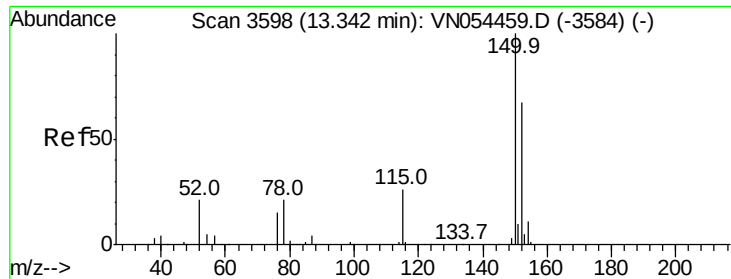
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	191.0
176	80.1	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054581.D
Acq: 23 Mar 2019 2:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	32.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054581.D

Acq: 23 Mar 2019 2:48

Instrument :

MSVOA_N

ClientSampleId :

WP022SB438-190318-(19-21)

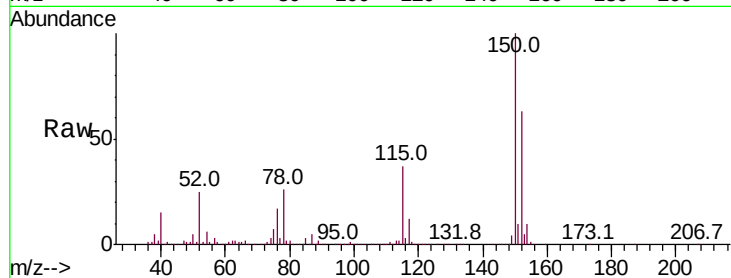
Tot Ion:152 Resp: 290580

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 156.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

