

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054593.D
 Acq On : 23 Mar 2019 8:18
 Operator : JC/SP
 Sample : K2045-19
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB444-190320-(23-25)

Quant Time: Mar 25 02:25:13 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

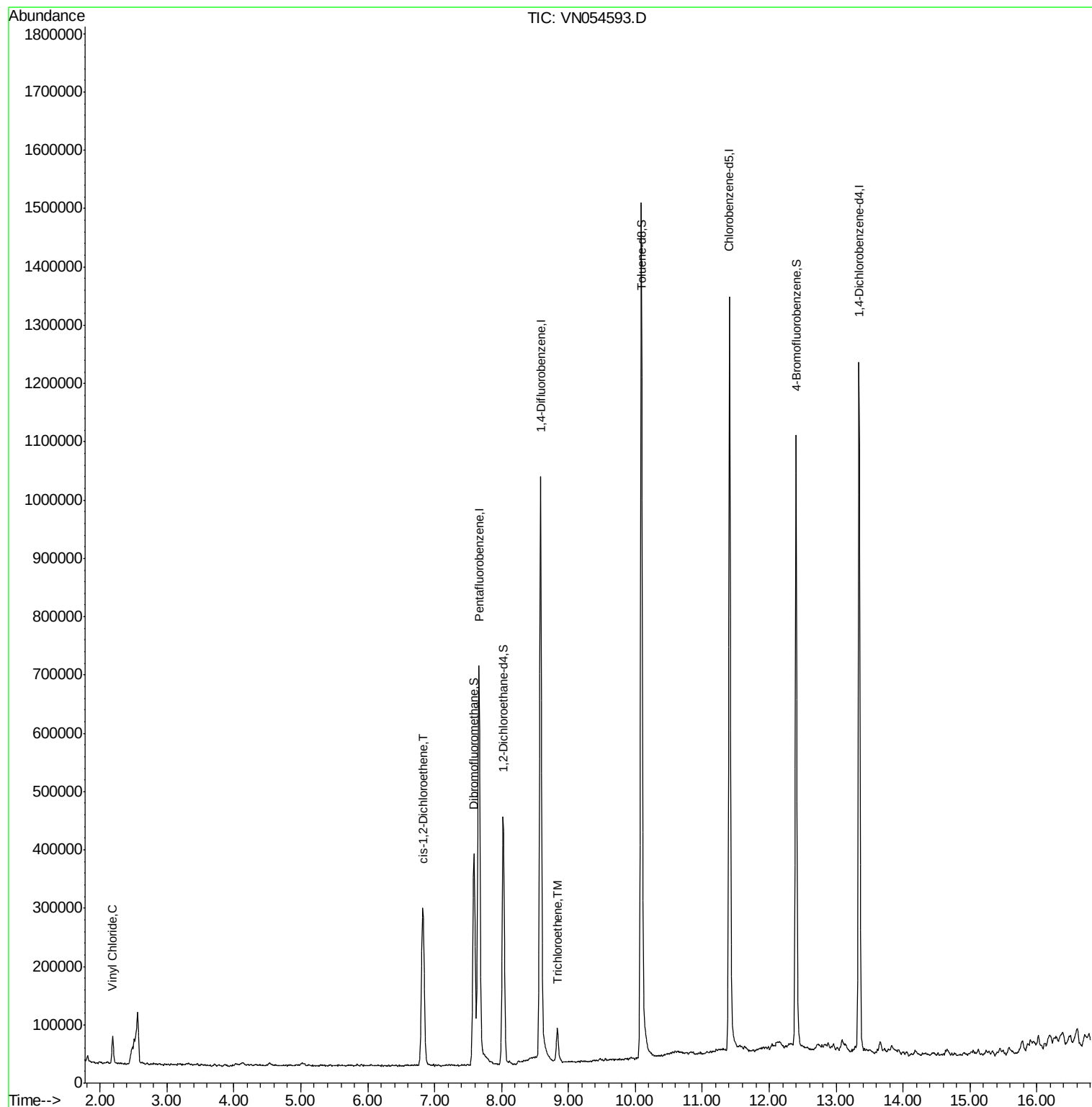
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	586895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	911016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	785042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	318544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	360980	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	272749	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.09	98	1112372	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.40	95	361335	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
4) Vinyl Chloride	2.19	62	45033	5.876	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	172756	25.057	ug/l	97
44) Trichloroethene	8.83	130	21891	3.233	ug/l	94

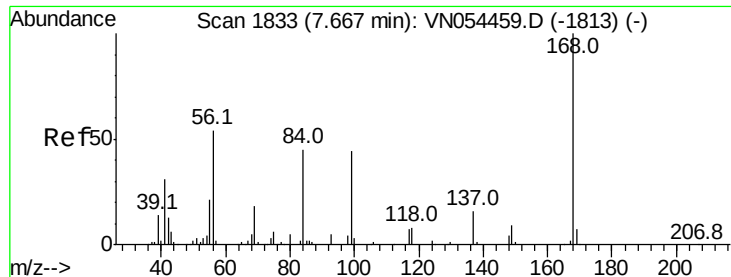
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
Data File : VN054593.D
Acq On : 23 Mar 2019 8:18
Operator : JC/SP
Sample : K2045-19
Misc : 5.93µL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP022SB444-190320-(23-25)

Quant Time: Mar 25 02:25:13 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: VN054593.D

Acq: 23 Mar 2019 8:18

Instrument :

MSVOA_N

ClientSampleId :

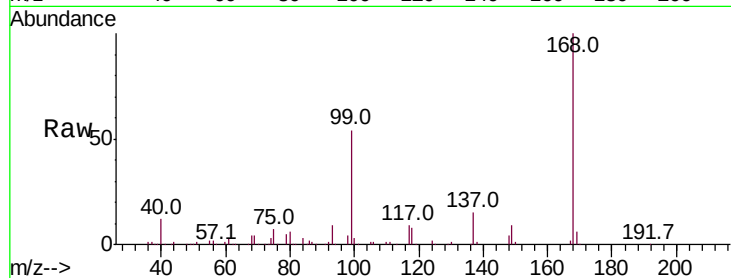
WP022SB444-190320-(23-25)

Tot Ion:168 Resp: 586895

Ion Ratio Lower Upper

168 100

99 54.3 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

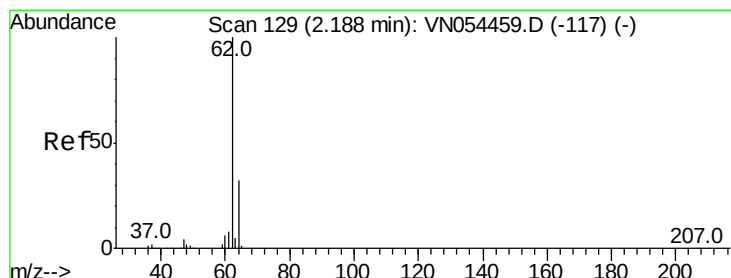
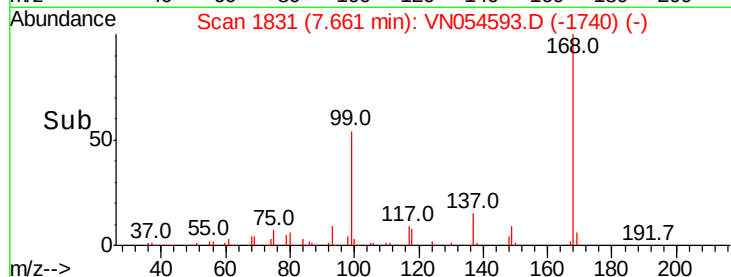
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 5.876 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054593.D

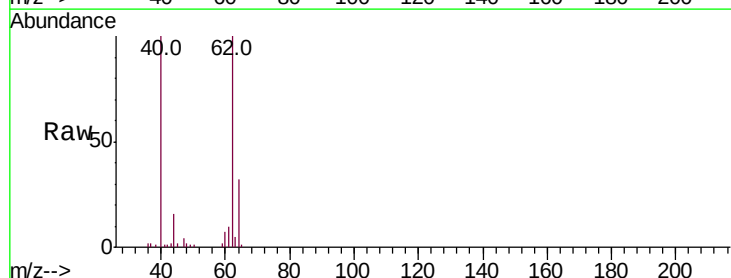
Acq: 23 Mar 2019 8:18

Tgt Ion: 62 Resp: 45033

Ion Ratio Lower Upper

62 100

64 31.7 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

30000

25000

20000

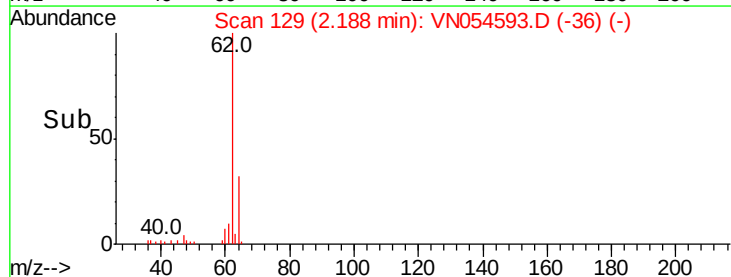
15000

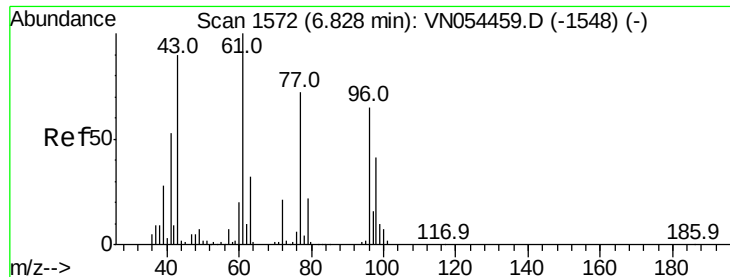
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 25.057 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054593.D

Acq: 23 Mar 2019 8:18

Instrument :

MSVOA_N

ClientSampleId :

WP022SB444-190320-(23-25)

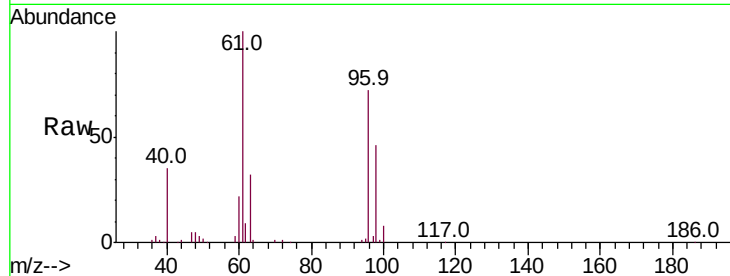
Tot Ion: 96 Resp: 172756

Ion Ratio Lower Upper

96 100

61 140.4 0.0 273.0

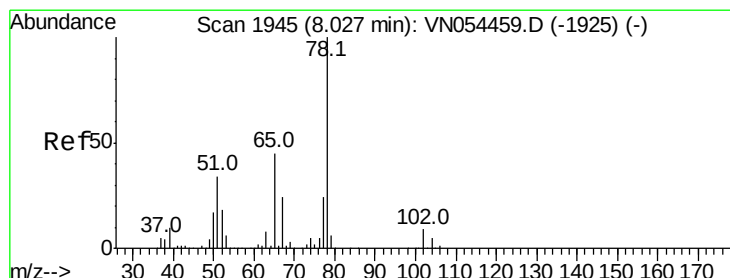
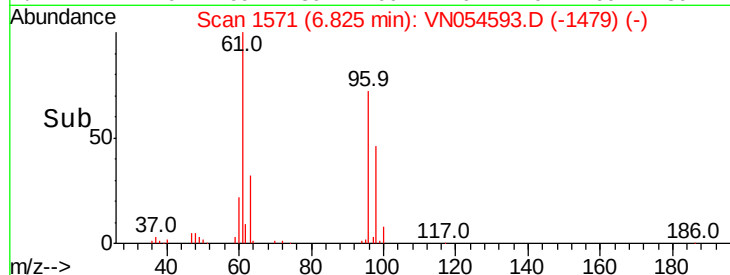
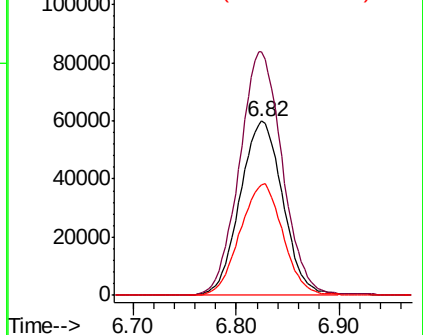
98 64.4 0.0 130.6



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: 49.449 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054593.D

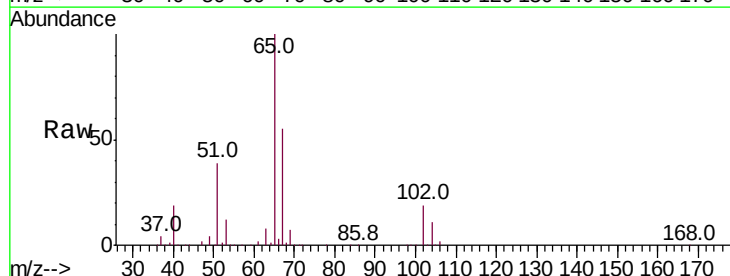
Acq: 23 Mar 2019 8:18

Tgt Ion: 65 Resp: 360980

Ion Ratio Lower Upper

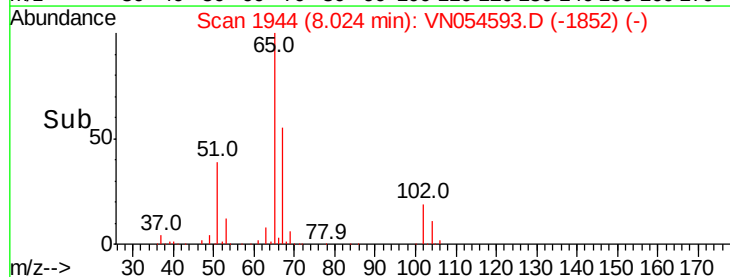
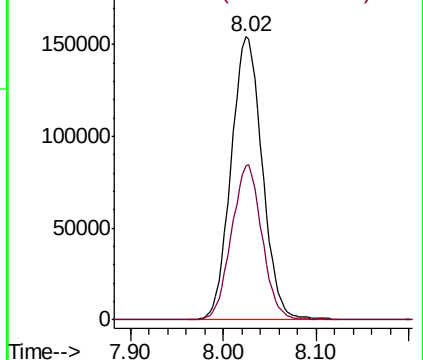
65 100

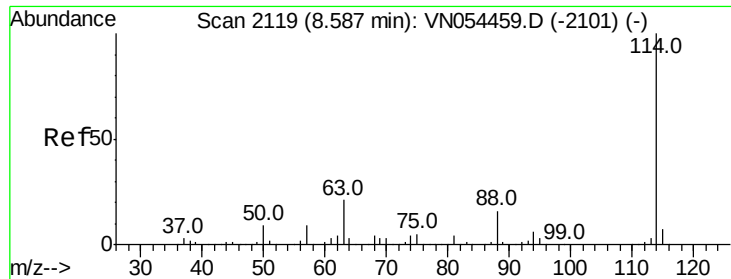
67 53.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

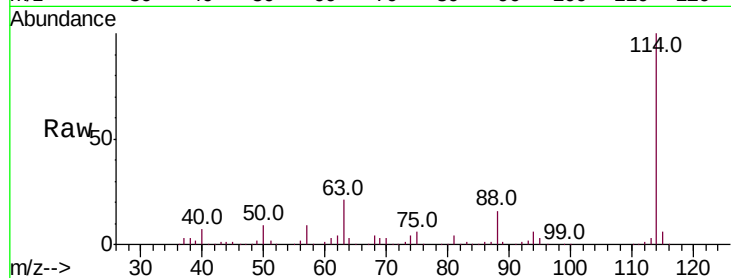




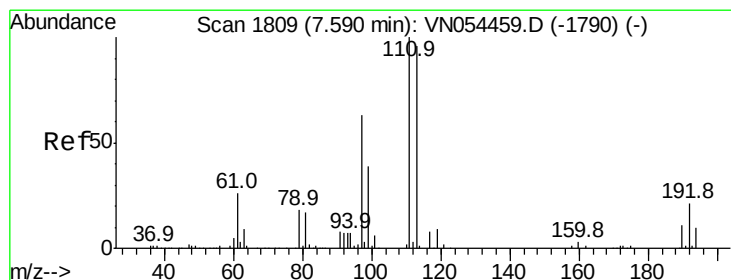
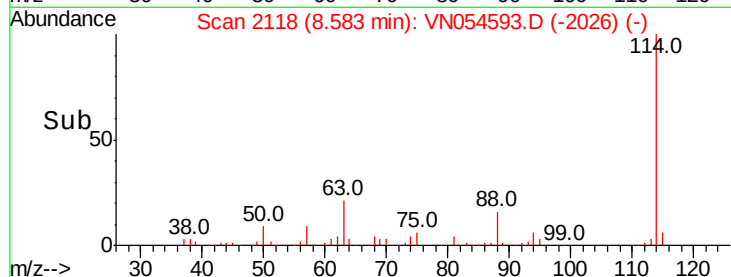
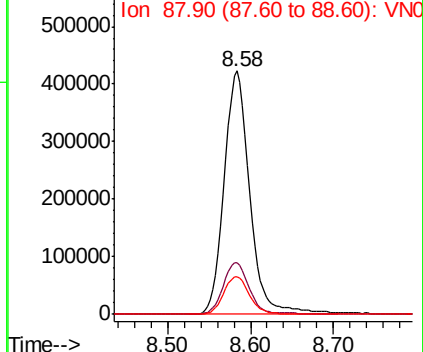
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054593.D
 Acq: 23 Mar 2019 8:18

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB444-190320-(23-25)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.2
88	15.6	0.0	30.2

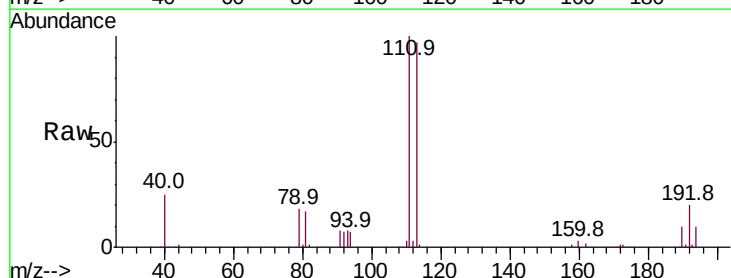


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

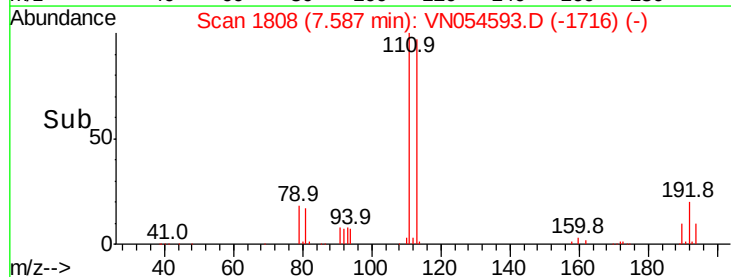
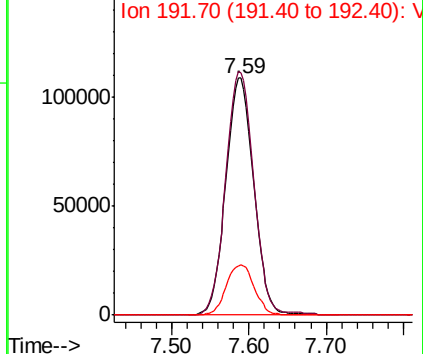


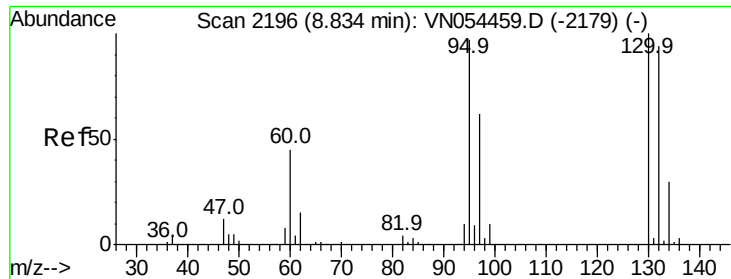
#35
 Dibromofluoromethane
 Concen: 46.471 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054593.D
 Acq: 23 Mar 2019 8:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	21.3	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: 3.233 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN054593.D

Acq: 23 Mar 2019 8:18

Instrument :

MSVOA_N

ClientSampleId :

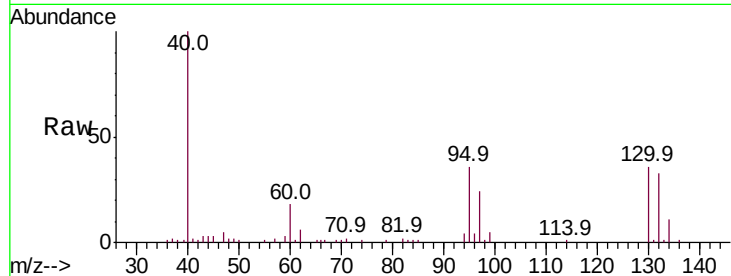
WP022SB444-190320-(23-25)

Tot Ion:130 Resp: 21891

Ion Ratio Lower Upper

130 100

95 98.2 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) (-)

8.83

10000

8000

6000

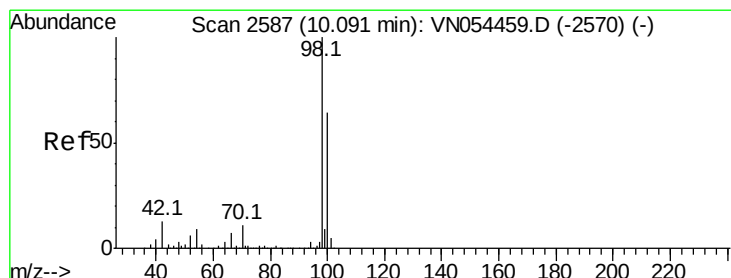
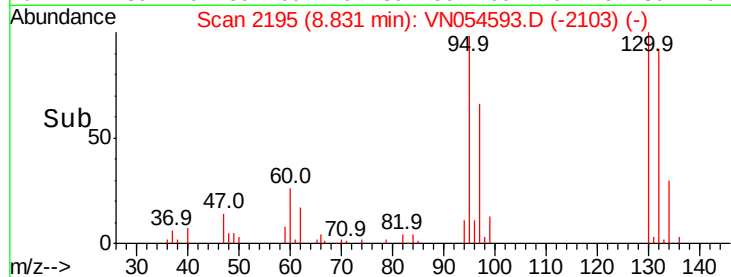
4000

2000

0

8.75 8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 50.414 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054593.D

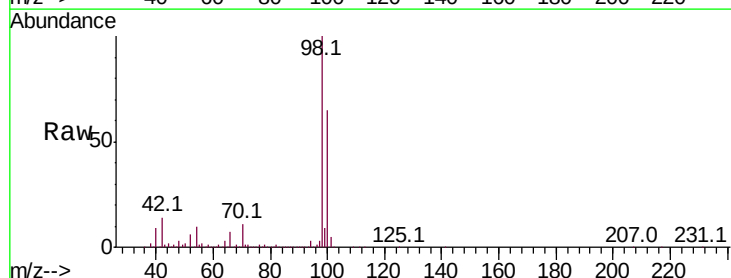
Acq: 23 Mar 2019 8:18

Tgt Ion: 98 Resp: 1112372

Ion Ratio Lower Upper

98 100

100 64.3 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) (-)

10.09

600000

500000

400000

300000

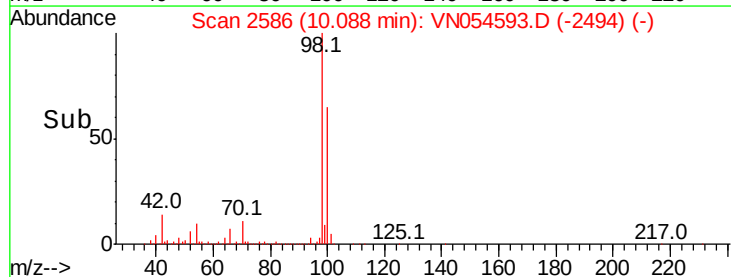
200000

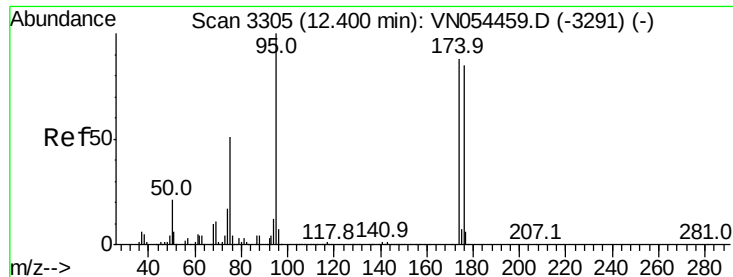
100000

0

10.00 10.05 10.10 10.15 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 48.125 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054593.D

Acq: 23 Mar 2019 8:18

Instrument :

MSVOA_N

ClientSampleId :

WP022SB444-190320-(23-25)

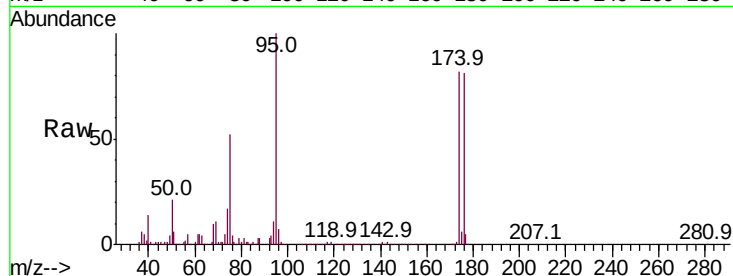
Tot Ion: 95 Resp: 361335

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

176 81.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40

250000

200000

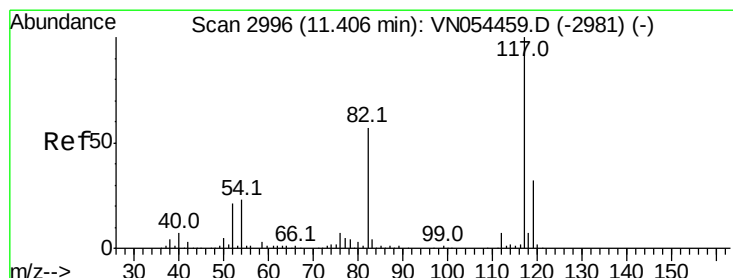
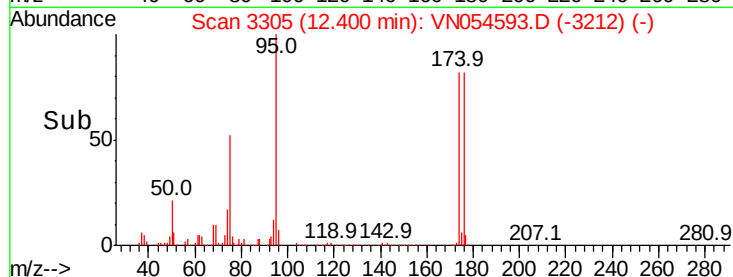
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054593.D

Acq: 23 Mar 2019 8:18

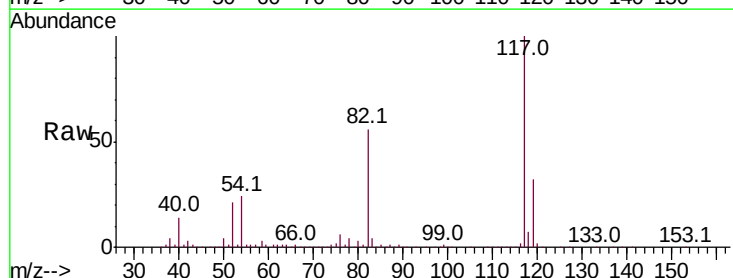
Tgt Ion: 117 Resp: 785042

Ion Ratio Lower Upper

117 100

82 56.3 40.0 60.0

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41

500000

400000

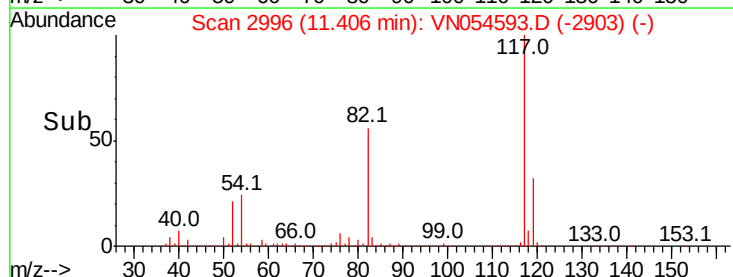
300000

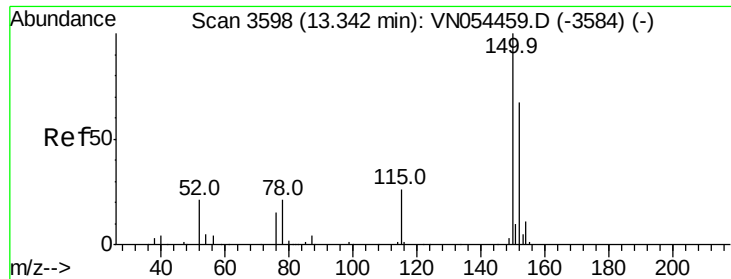
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054593.D

Acq: 23 Mar 2019 8:18

Instrument :

MSVOA_N

ClientSampleId :

WP022SB444-190320-(23-25)

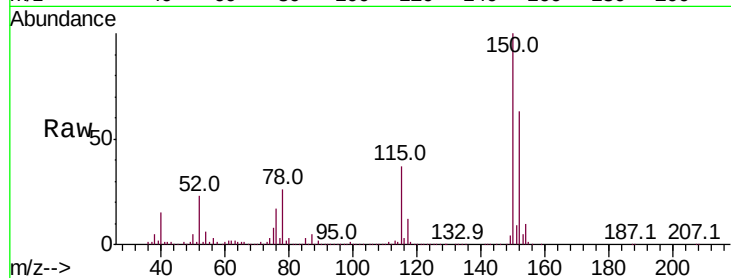
Tot Ion:152 Resp: 318544

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

150 157.3 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

