

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062591.D
 Acq On : 22 Jul 2020 13:33
 Operator : JC/MD
 Sample : L3371-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS027-200720

Manual Integrations
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Quant Time: Jul 23 07:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	285167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	133204	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	7.55	113	97975	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.06	98	380507	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	130076	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
21) trans-1,2-Dichloroethene	4.99	96	1954m	0.976	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	102583	44.888	ug/l	89
44) Trichloroethene	8.81	130	2016	0.930	ug/l	92
64) Tetrachloroethene	10.60	164	1290	0.696	ug/l	93
65) Chlorobenzene	11.41	112	6201	1.037	ug/l	92

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

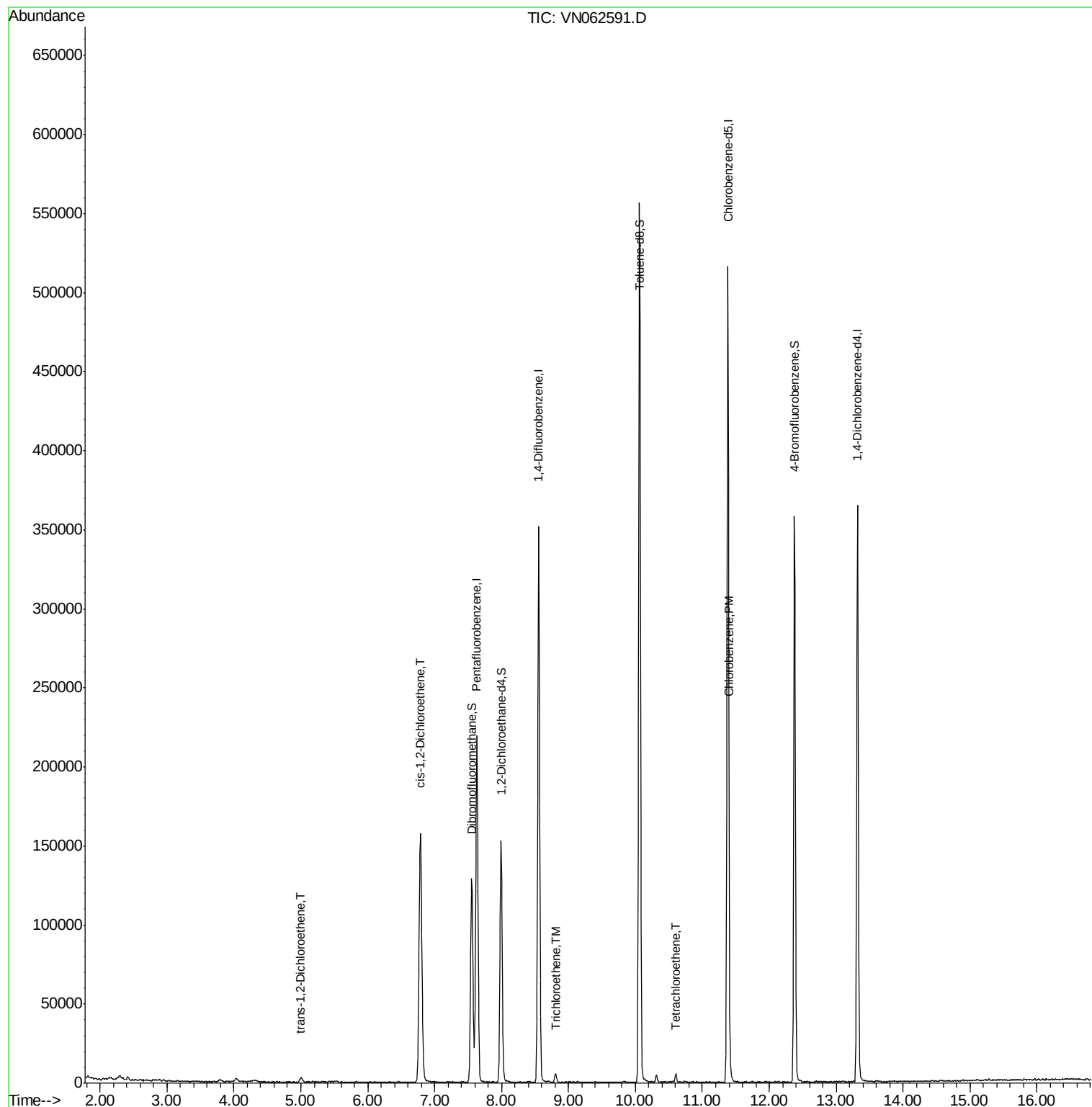
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072220\
Data File : VN062591.D
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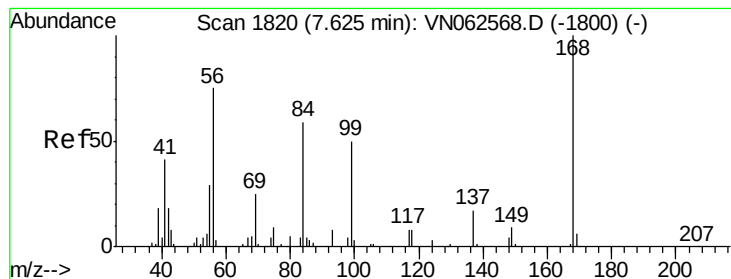
Instrument :
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Quant Time: Jul 23 07:30:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.01 min

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Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:168 Resp: 168526

Ion Ratio Lower Upper

168 100

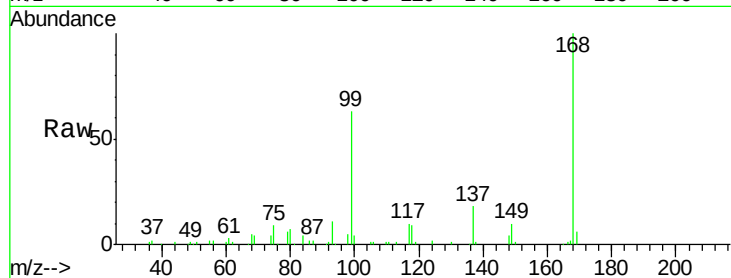
99 62.9 48.4 72.6

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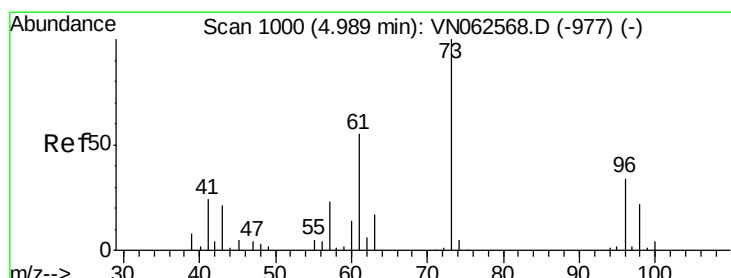
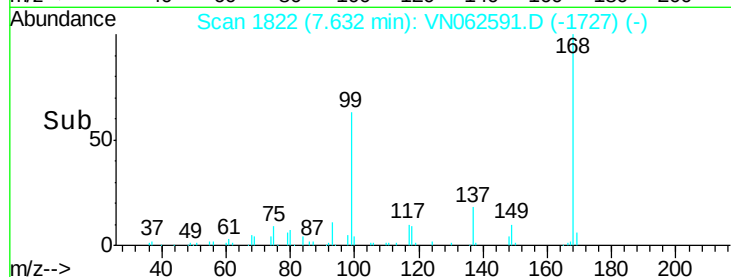
Abundance Ion 167.90 (167.60 to 168.60): VN062568.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062568.D (-1800) (-)

7.63

7.60 7.70

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.976 ug/l m

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062591.D

Acq: 22 Jul 2020 13:33

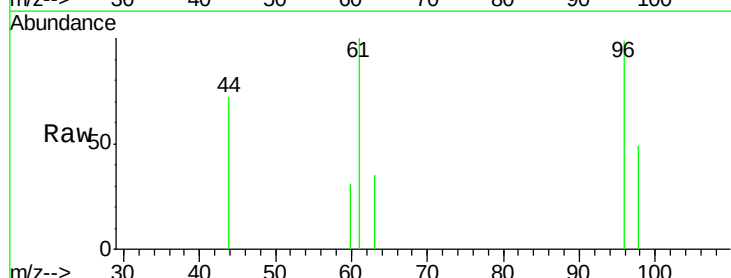
Tgt Ion: 96 Resp: 1954

Ion Ratio Lower Upper

96 100

61 100.7 128.6 192.8#

98 49.3 50.6 76.0#



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-977) (-)

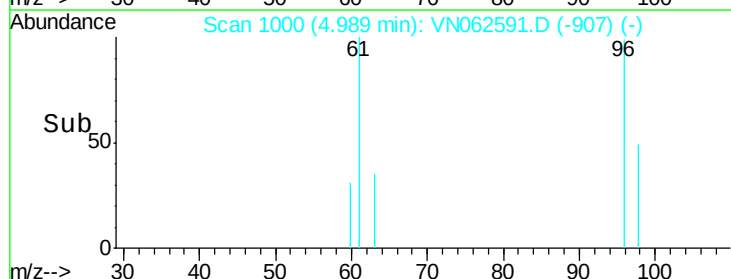
Ion 60.90 (60.60 to 61.60): VN062568.D (-977) (-)

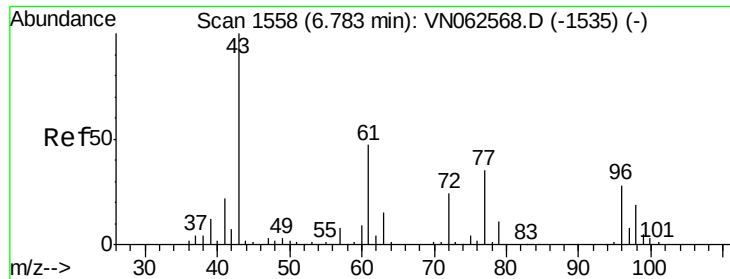
Ion 97.90 (97.60 to 98.60): VN062568.D (-977) (-)

4.99

4.95 5.05

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.888 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062591.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_N

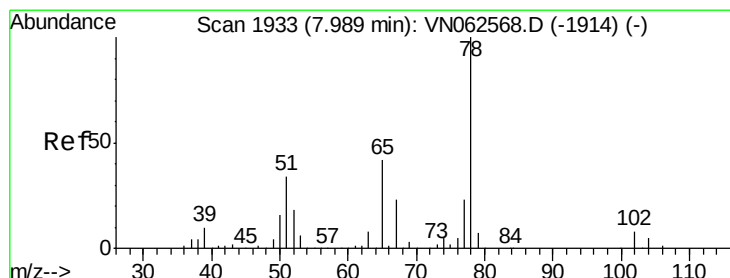
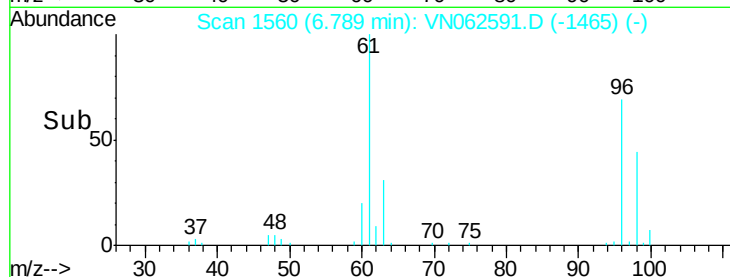
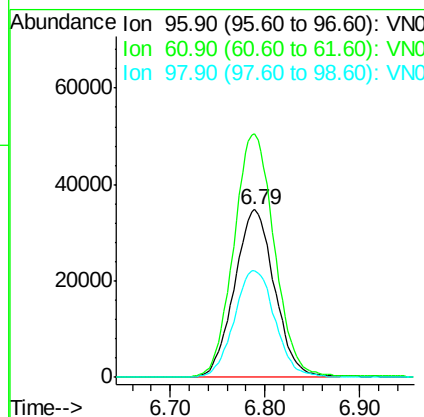
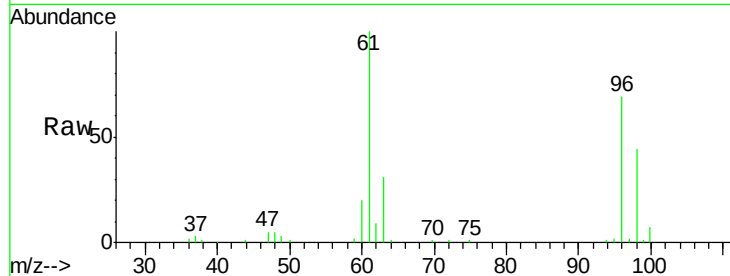
ClientSampleId :

KY038PS027-200720

Tot Ion	96	Resp	102583
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	332.4
98	64.9	0.0	127.4

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#33

1,2-Dichloroethane-d4

Concen: 50.881 ug/l

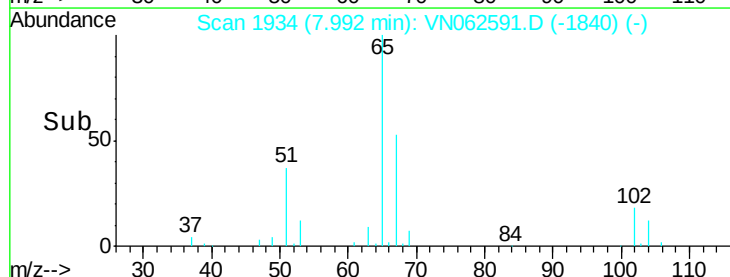
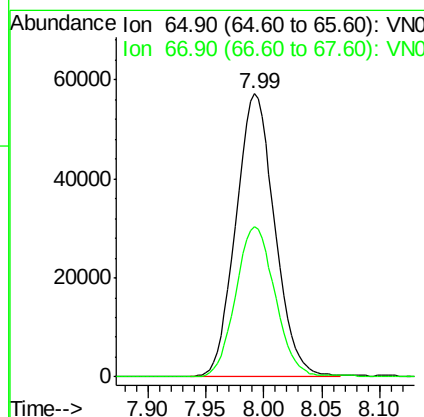
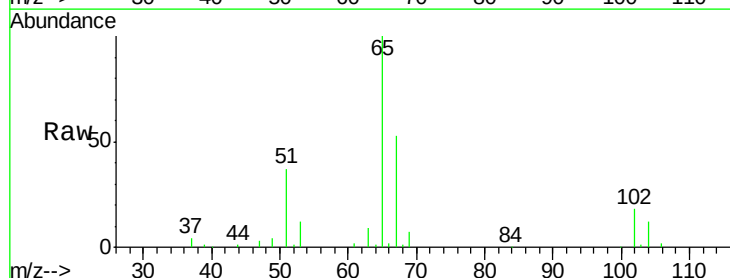
RT: 7.99 min Scan# 1934

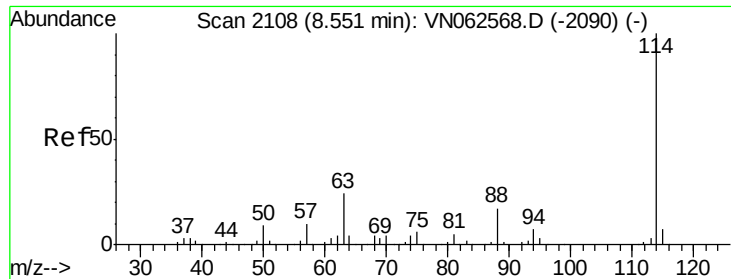
Delta R.T. 0.00 min

Lab File: VN062591.D

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Tgt Ion	65	Resp	133204
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.0





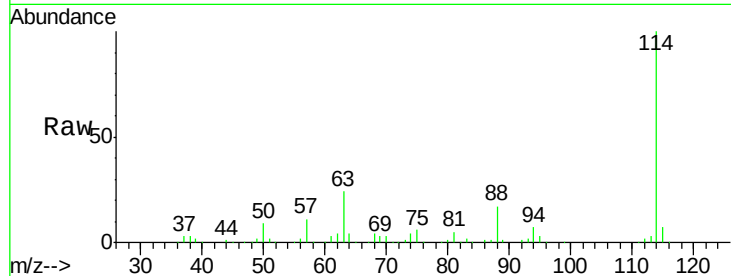
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: VN062591.D
 Acq: 22 Jul 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.3	0.0	48.4
88	17.1	0.0	33.8

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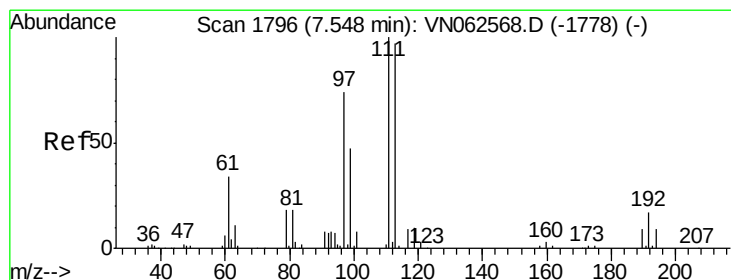
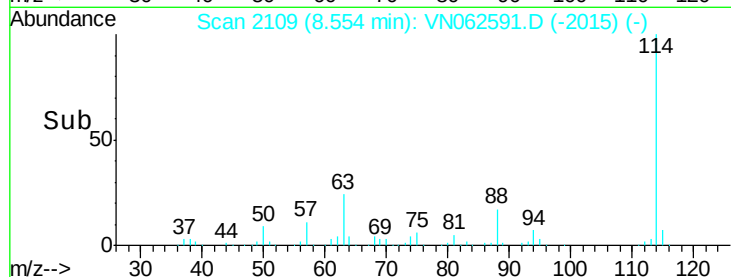
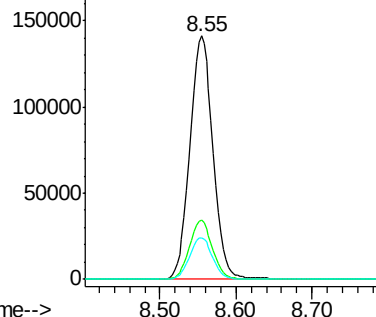
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Abundance Ion 113.90 (113.60 to 114.60): V

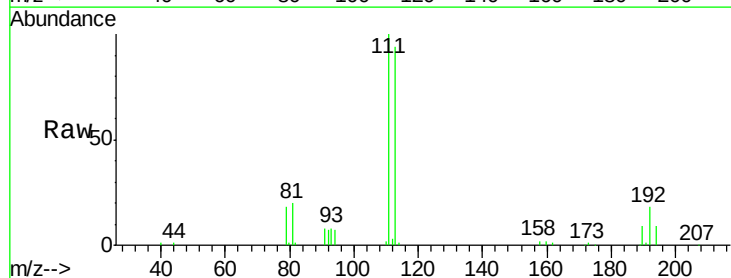
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.068 ug/l
 RT: 7.55 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: VN062591.D
 Acq: 22 Jul 2020 13:33

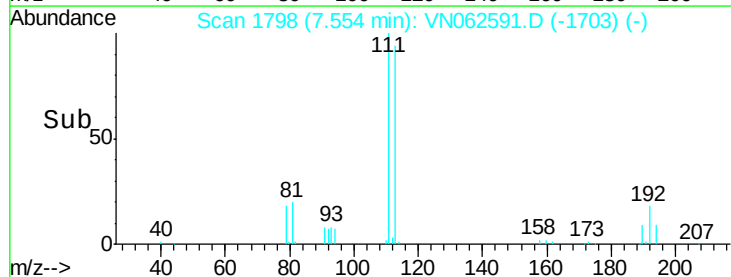
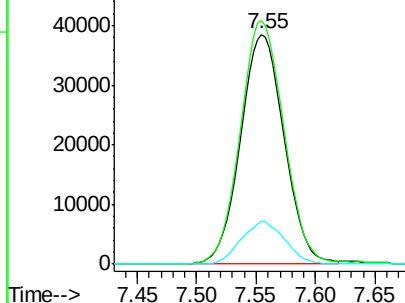
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	106.1	82.7	124.1
192	18.4	14.8	22.2

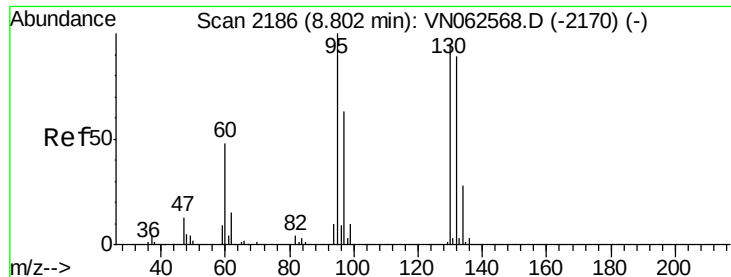


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.930 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN062591.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

KY038PS027-200720

Tot Ion:130 Resp: 2016

Ion Ratio Lower Upper

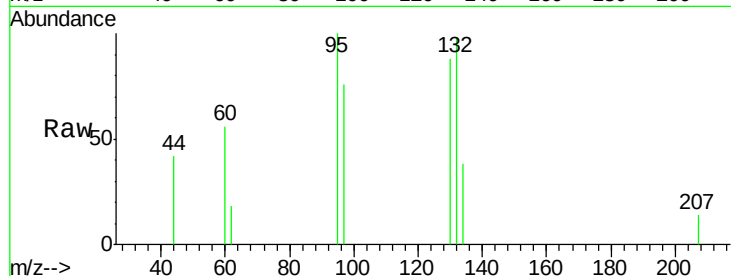
130 100

95 113.3 0.0 210.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

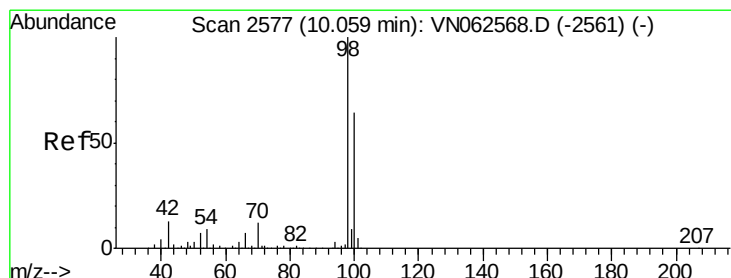
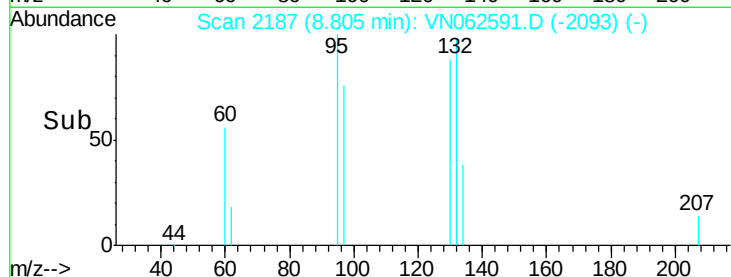
8.81

1000

500

0

Time--> 8.75 8.80 8.85



#50

Toluene-d8

Concen: 48.735 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062591.D

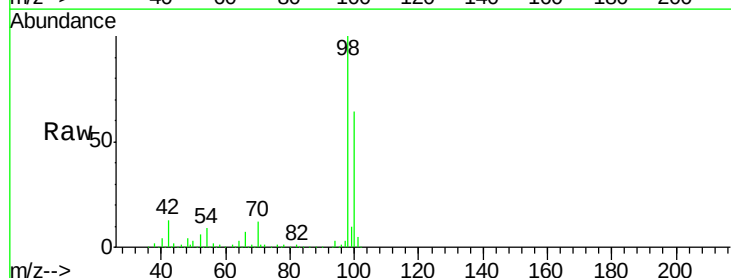
Acq: 22 Jul 2020 13:33

Tgt Ion: 98 Resp: 380507

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.06

200000

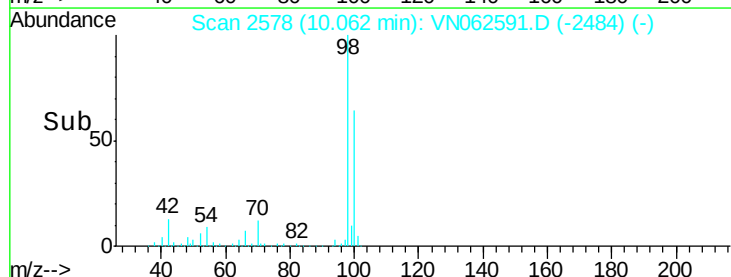
150000

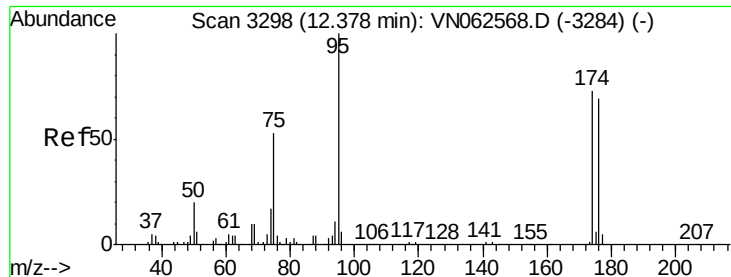
100000

50000

0

Time--> 10.00 10.10





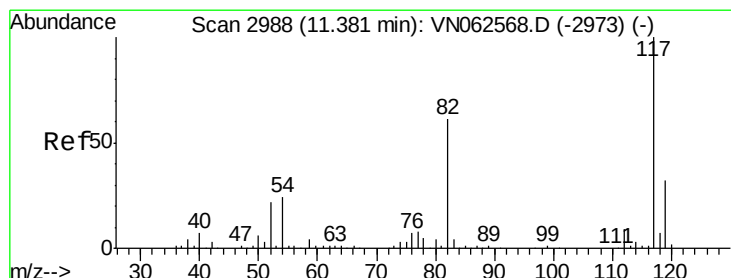
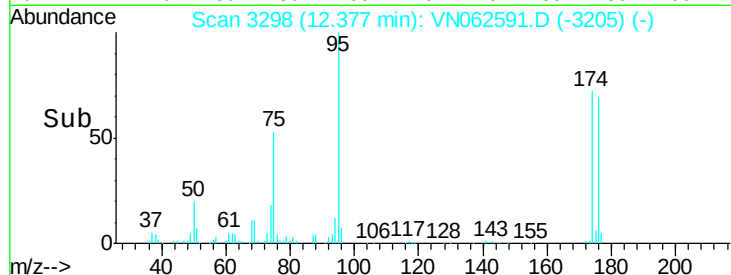
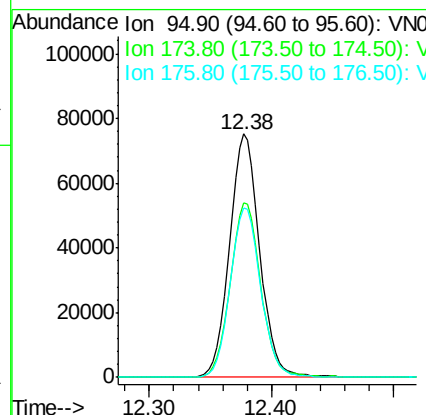
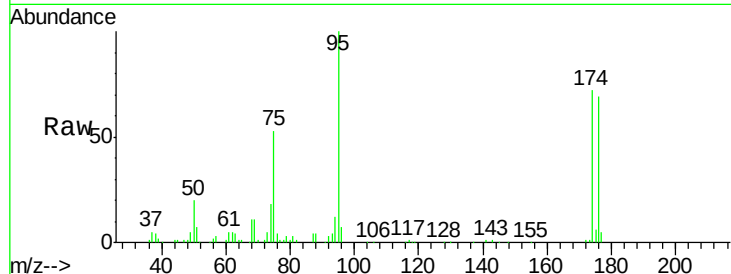
#62
4-Bromofluorobenzene
Concen: 45.564 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062591.D
Acq: 22 Jul 2020 13:33

Instrument :
MSVOA_N
ClientSampleId :
KY038PS027-200720

Tot Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	144.6
176	70.5	0.0	139.4

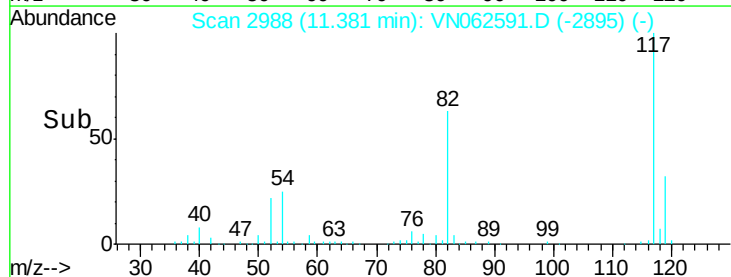
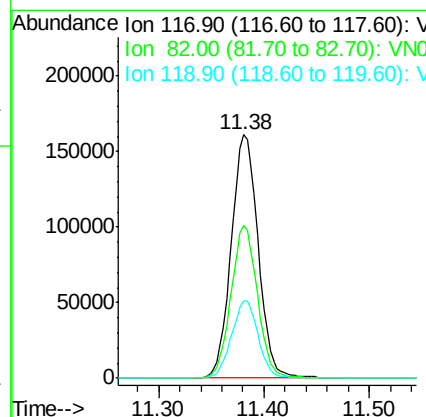
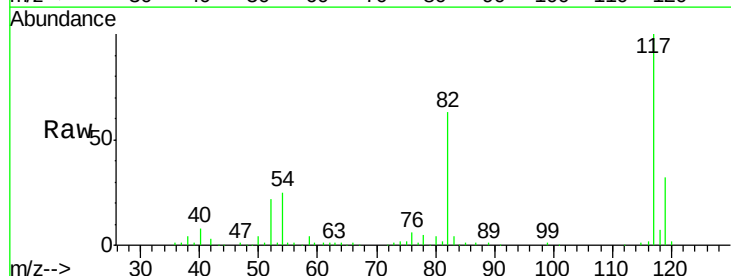
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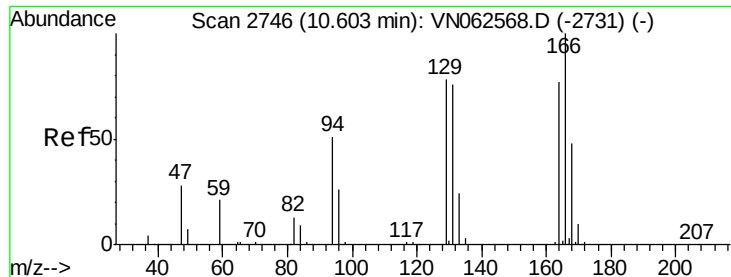
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062591.D
Acq: 22 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.0	73.6
119	31.6	25.4	38.2





#64

Tetrachloroethene

Concen: 0.696 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062591.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_N

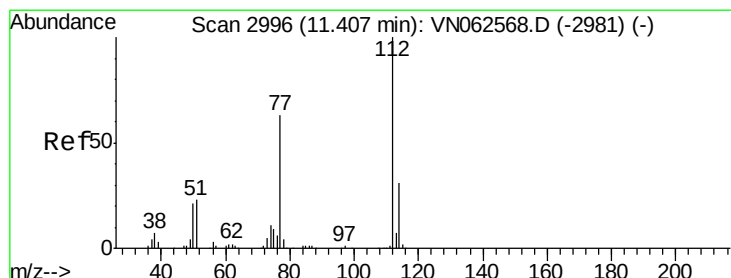
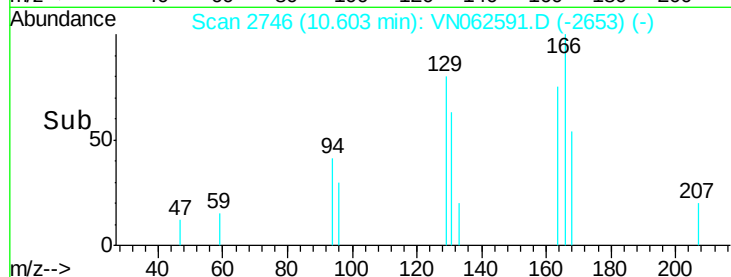
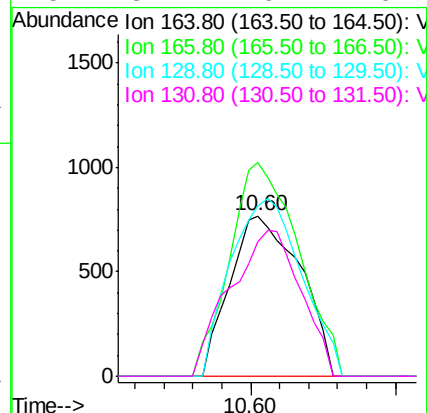
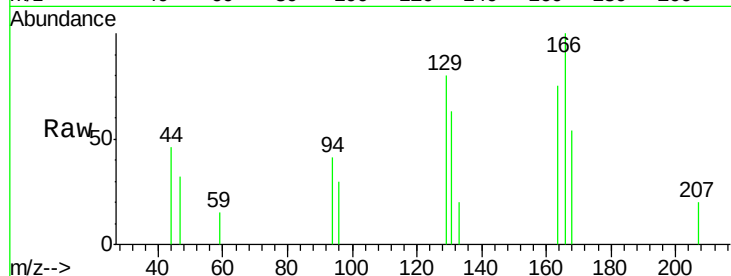
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Tot Ion:	164	Resp:	1290
Ion	Ratio	Lower	Upper
164	100		
166	133.2	104.4	156.6
129	106.3	81.0	121.4
131	84.1	79.4	119.2

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#65

Chlorobenzene

Concen: 1.037 ug/l

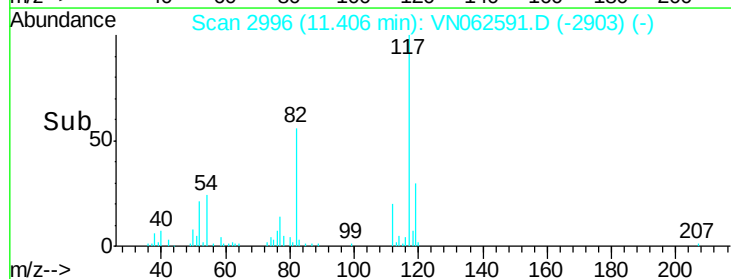
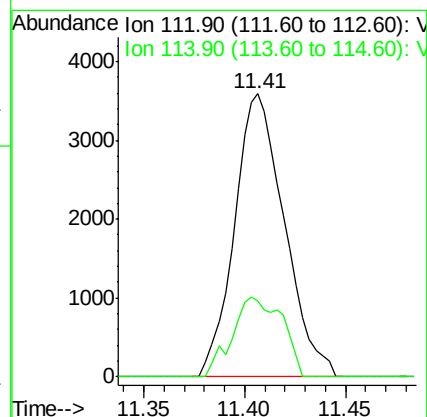
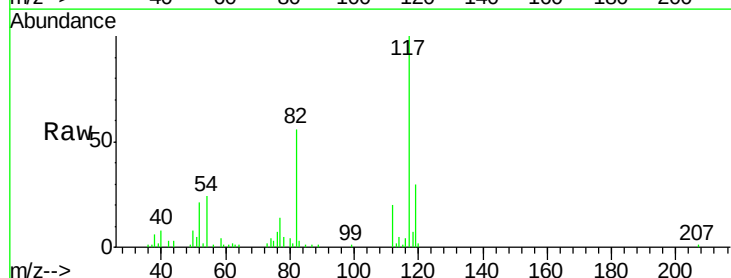
RT: 11.41 min Scan# 2996

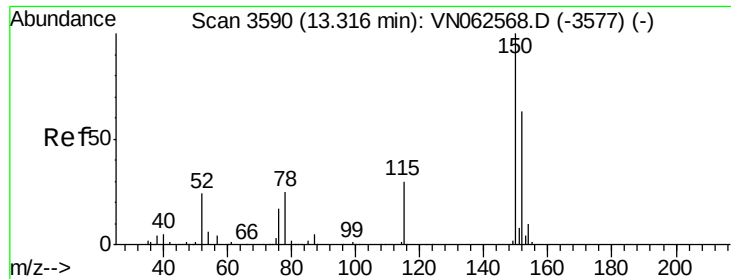
Delta R.T. -0.00 min

Lab File: VN062591.D

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Tgt Ion:	112	Resp:	6201
Ion	Ratio	Lower	Upper
112	100		
114	26.8	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062591.D
 Acq: 22 Jul 2020 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.8	95.4
150	158.1	0.0	351.4

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