

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062144.D
 Acq On : 26 Jun 2020 17:02
 Operator : JC/MD
 Sample : L3127-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 36BR-20200625

Manual Integrations
 APPROVED

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 6/29/2020 12:35:38 PM

Quant Time: Jun 27 04:45:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162468	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	7.55	113	137285	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	10.06	98	570123	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.38	95	186039	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	91959	33.147	ug/l	95
4) Vinyl Chloride	2.15	62	10707599	2450.880	ug/l #	6
12) 1,1-Dichloroethene	3.70	96	331147	117.502	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	385423	120.050	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	25253859m	6990.367	ug/l	
29) Tetrahydrofuran	7.17	42	186524	169.137	ug/l	97
40) Benzene	8.00	78	36260	2.652	ug/l	96
44) Trichloroethene	8.81	130	12153363	3523.542	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	25621	7.242	ug/l	99
52) Toluene	10.12	92	44564	5.342	ug/l	99

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

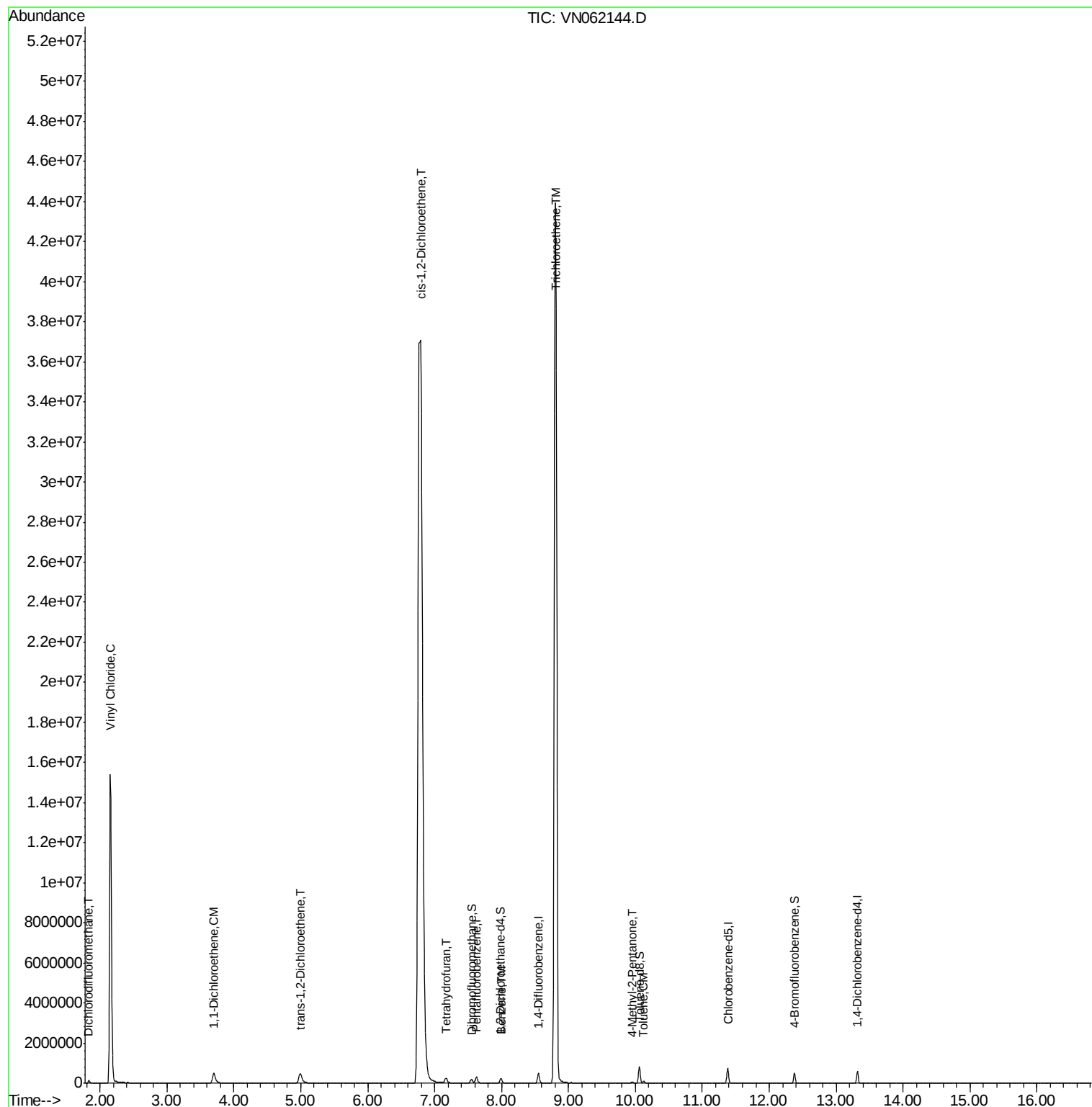
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062144.D
Acq On : 26 Jun 2020 17:02
Operator : JC/MD
Sample : L3127-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

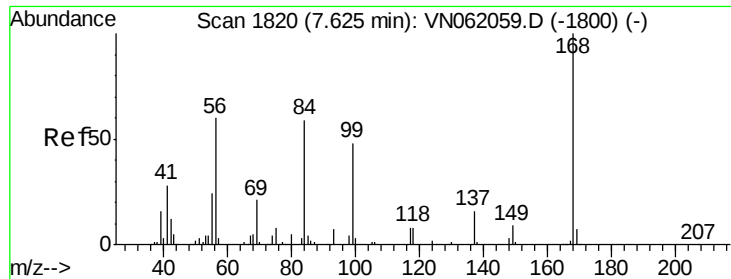
Instrument :
MSVOA_N
ClientSampleId :
36BR-20200625

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Quant Time: Jun 27 04:45:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625

Tot Ion:168 Resp: 245438

Ion Ratio Lower Upper

168 100

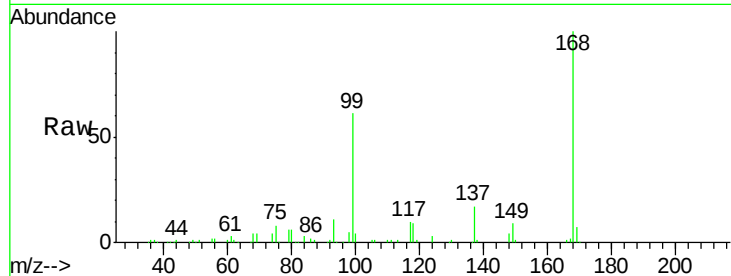
99 60.7 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

20000

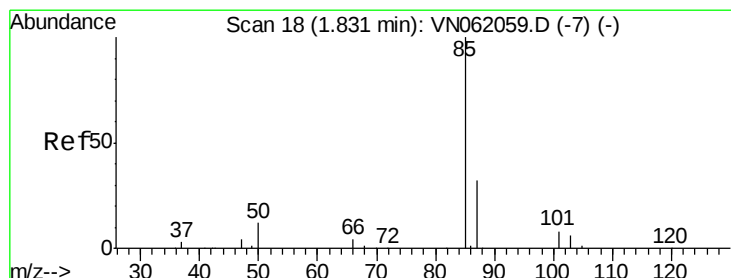
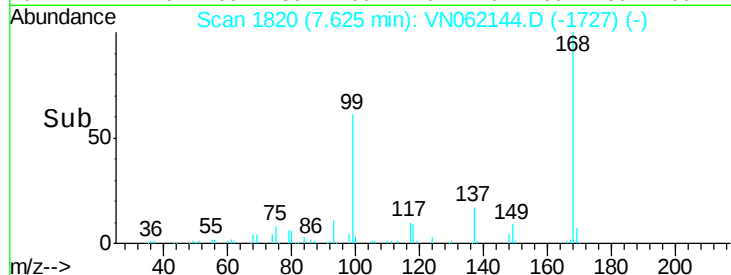
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 33.147 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062144.D

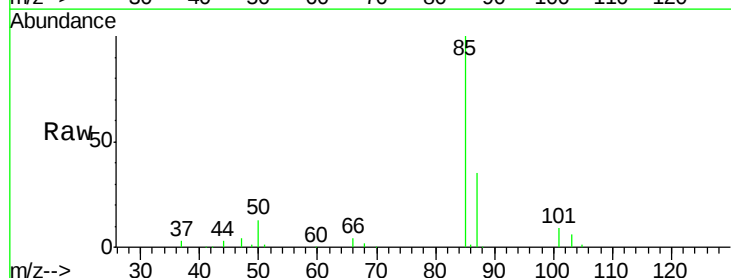
Acq: 26 Jun 2020 17:02

Tgt Ion: 85 Resp: 91959

Ion Ratio Lower Upper

85 100

87 34.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

60000

40000

20000

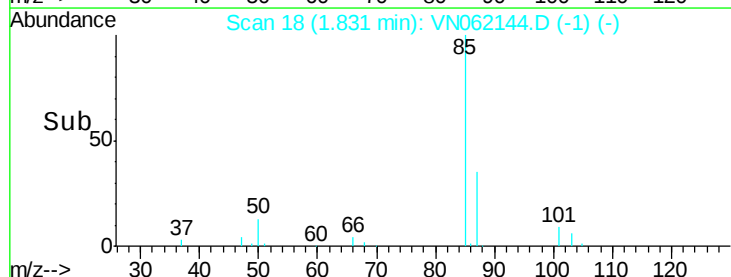
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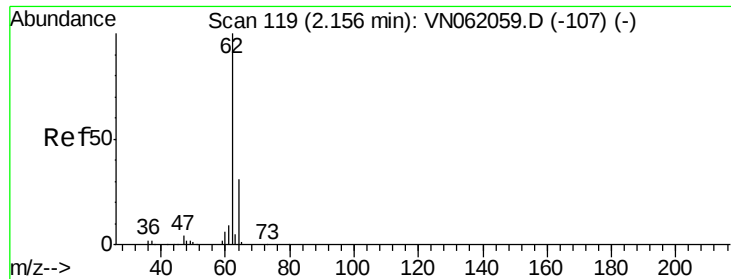
1.80

1.85

1.90

Time-->





#4

Vinyl Chloride

Concen: 2450.880 ug/l

RT: 2.15 min Scan# 118

Delta R.T. -0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625

Tot Ion: 62 Resp: 10707599

Ion Ratio Lower Upper

62 100

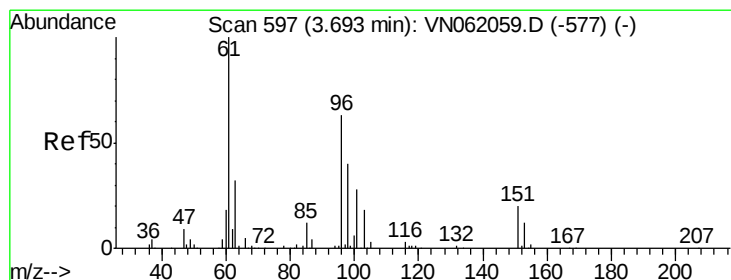
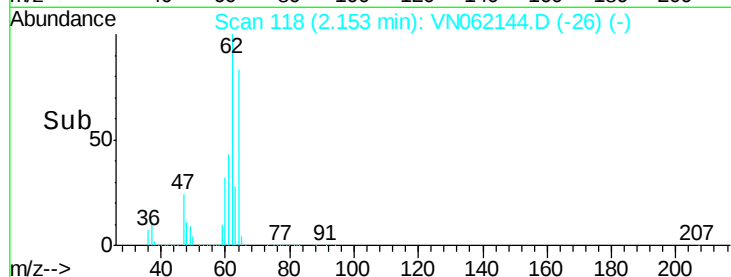
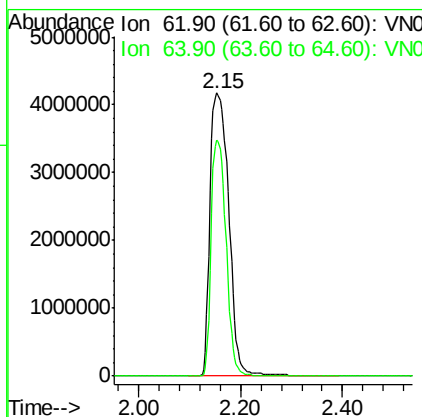
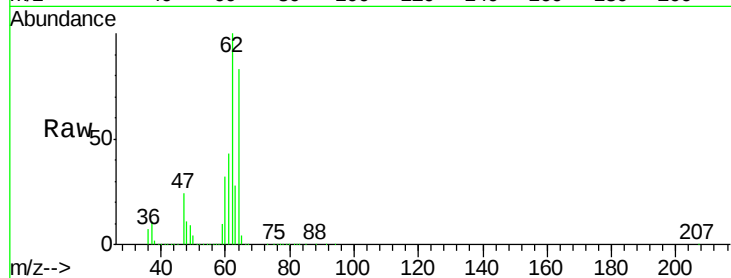
64 83.5 25.1 37.7#

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#12

1,1-Dichloroethene

Concen: 117.502 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

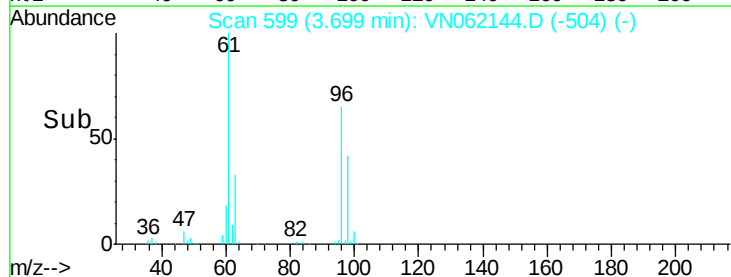
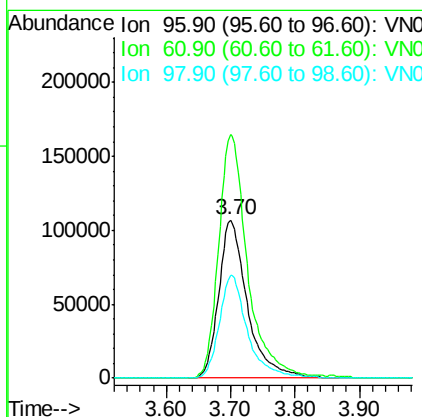
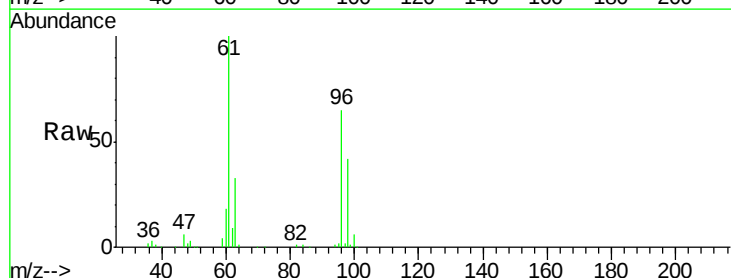
Tgt Ion: 96 Resp: 331147

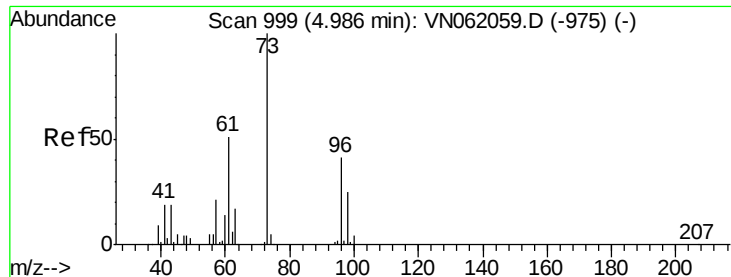
Ion Ratio Lower Upper

96 100

61 153.7 126.7 190.1

98 64.8 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 120.050 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA_N

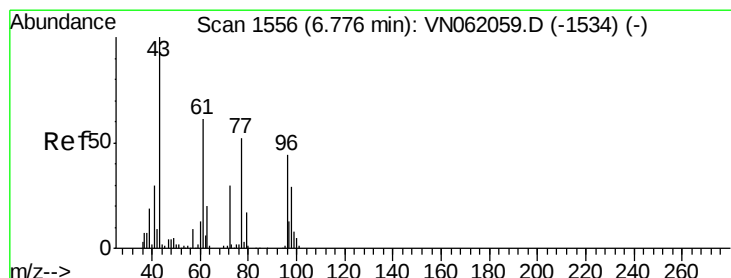
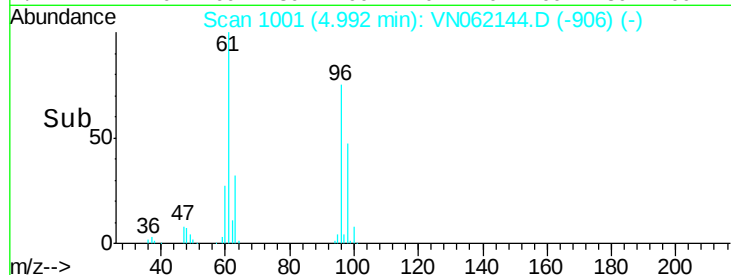
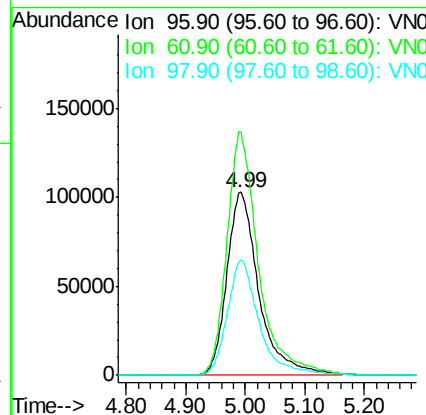
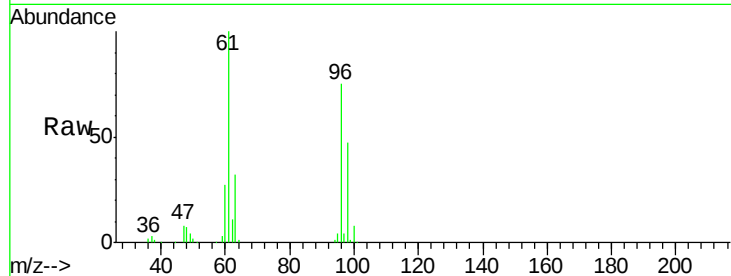
ClientSampleId :

36BR-20200625

Tot Ion:	96	Resp:	385423
Ion	Ratio	Lower	Upper
96	100		
61	133.1	101.4	152.2
98	63.1	49.3	73.9

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#27

cis-1,2-Dichloroethene

Concen: 6990.367 ug/l m

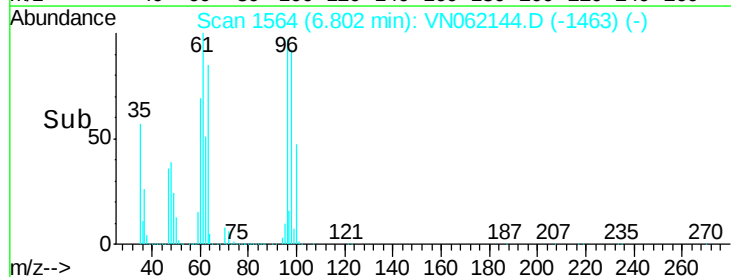
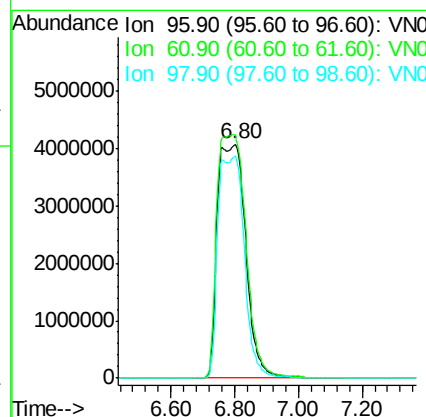
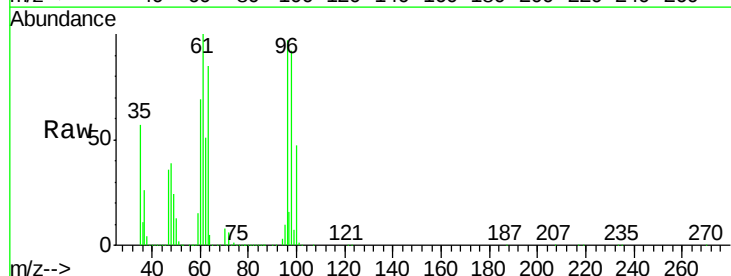
RT: 6.80 min Scan# 1564

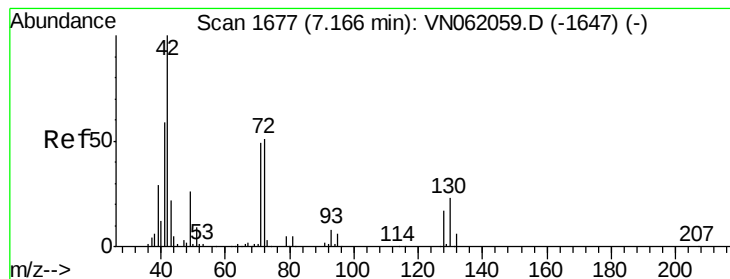
Delta R.T. 0.03 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Tgt Ion:	96	Resp:	25253859
Ion	Ratio	Lower	Upper
96	100		
61	33.6	0.0	280.4
98	33.1	0.0	129.4





#29

Tetrahydrofuran

Concen: 169.137 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA_N

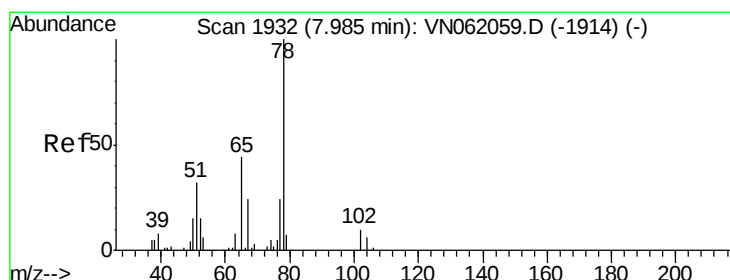
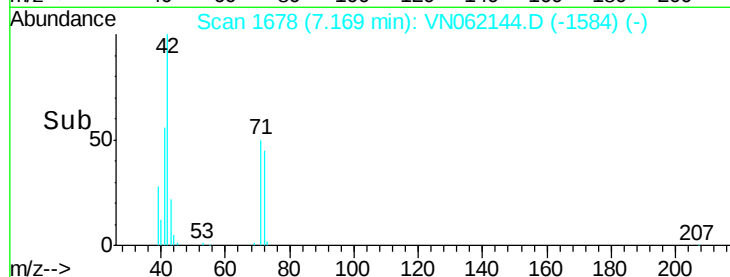
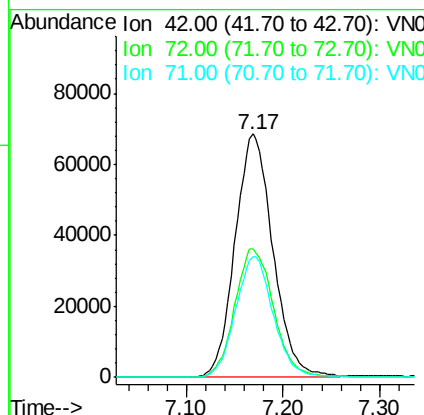
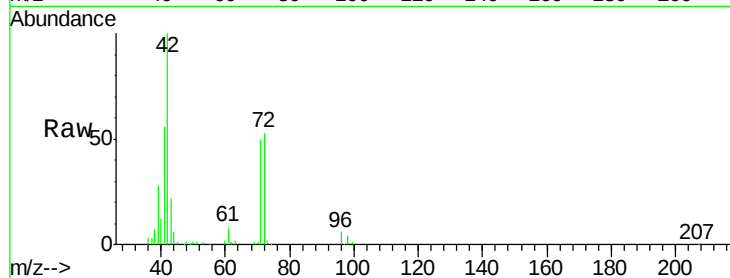
ClientSampleId :

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Tot Ion:	42	Resp:	186524
Ion	Ratio	Lower	Upper
42	100		
72	54.1	41.1	61.7
71	49.3	38.2	57.4

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#33

1,2-Dichloroethane-d4

Concen: 47.170 ug/l

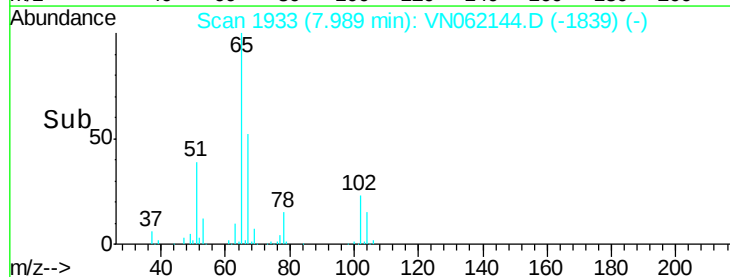
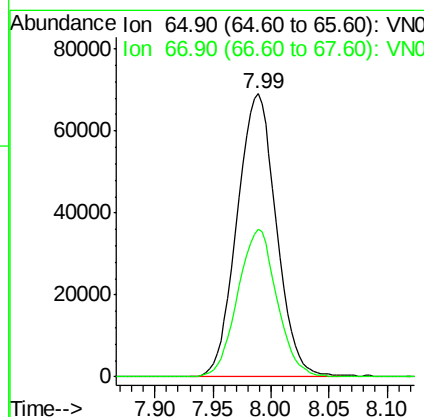
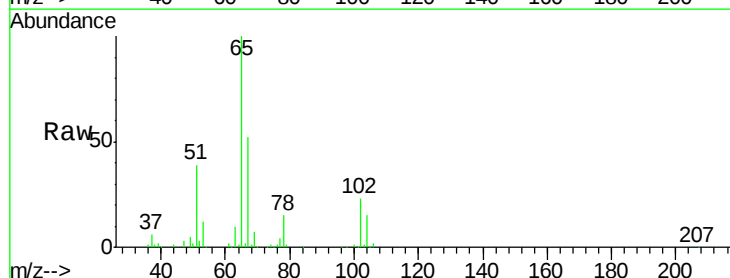
RT: 7.99 min Scan# 1933

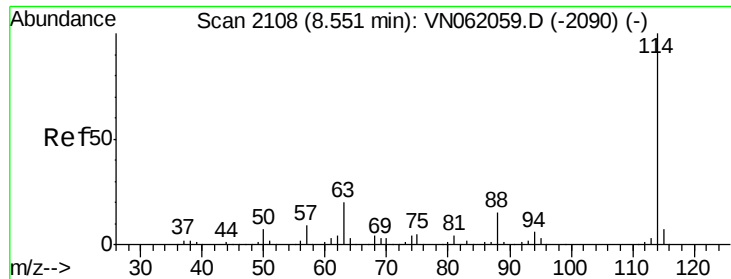
Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Tgt Ion:	65	Resp:	162468
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.2





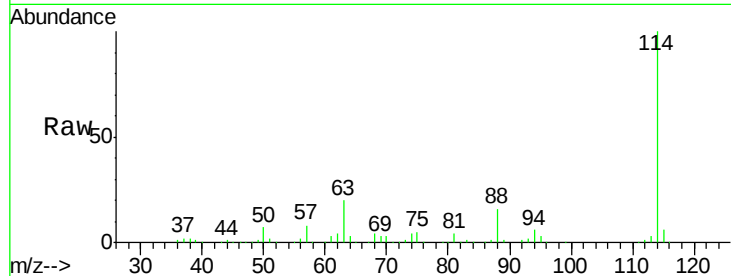
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
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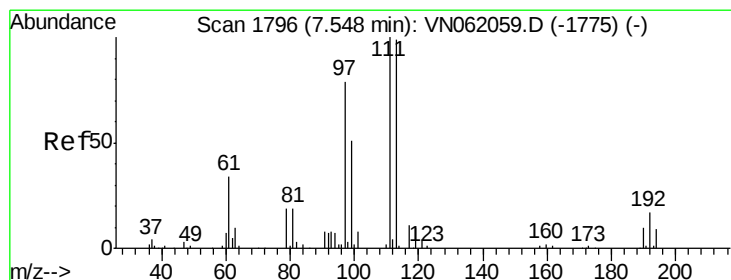
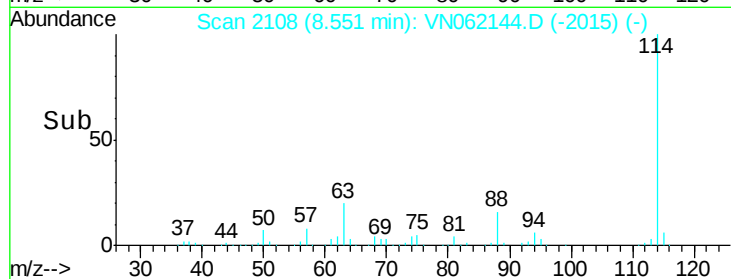
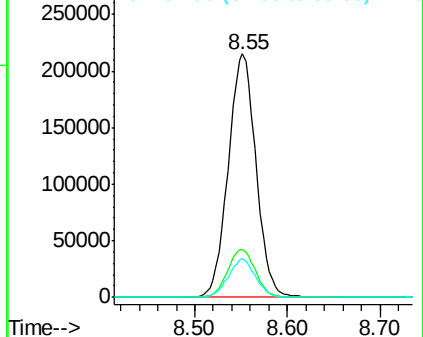
Tot Ion	Ratio	Resp	Lower	Upper
114	100	446314		
63	19.8	0.0	39.2	
88	15.7	0.0	30.8	

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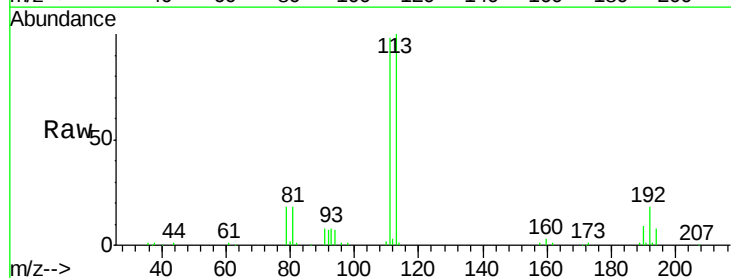


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

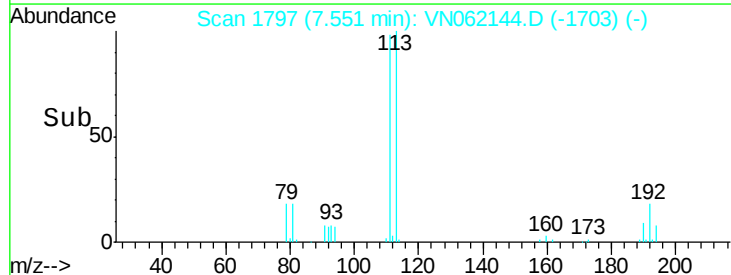
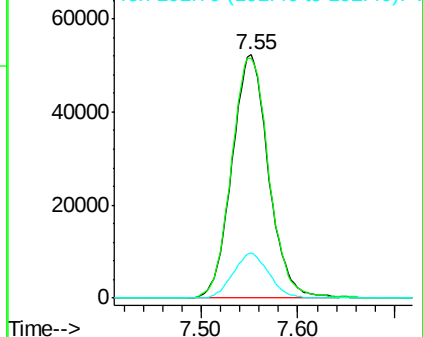


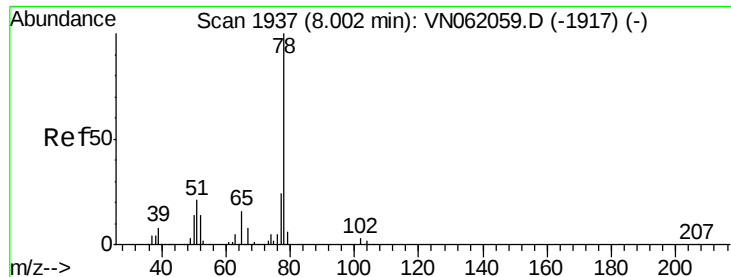
#35
Dibromofluoromethane
Concen: 47.946 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	137285		
111	101.3	82.2	123.4	
192	18.0	14.0	21.0	



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





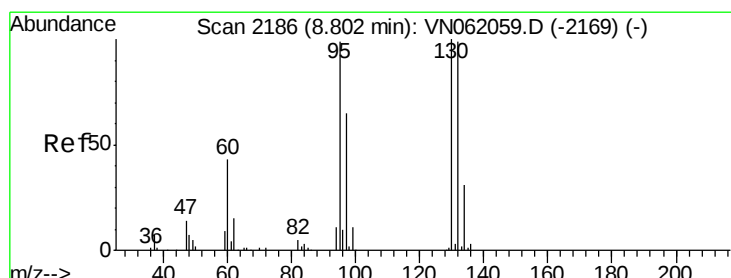
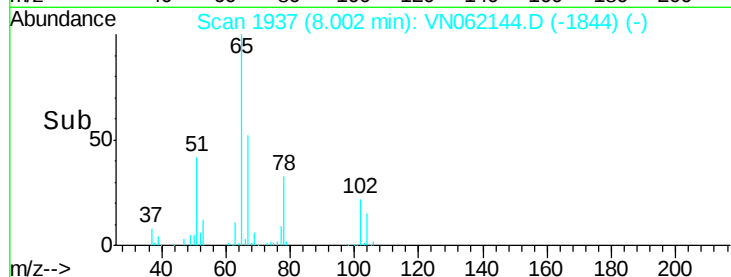
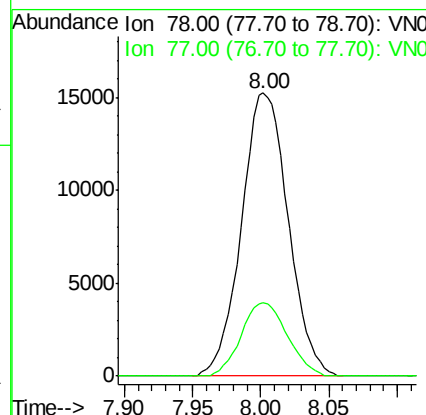
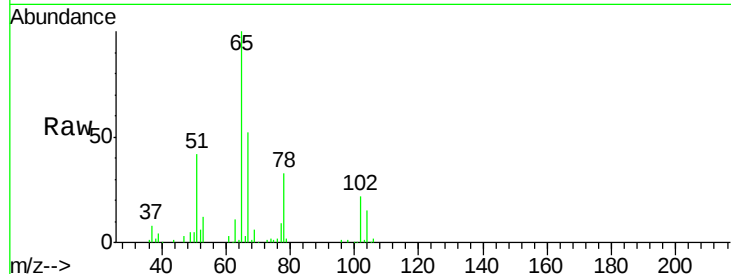
#40
Benzene
Concen: 2.652 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 78 Resp: 36260
Ion Ratio Lower Upper
78 100
77 26.2 19.5 29.3

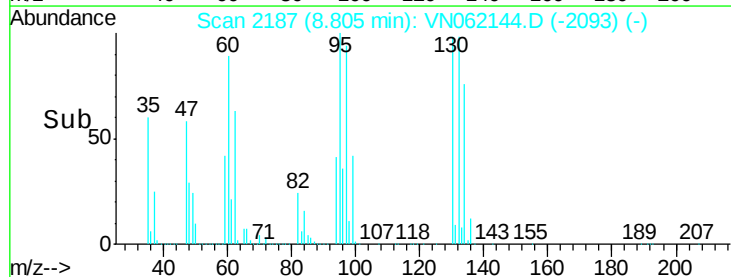
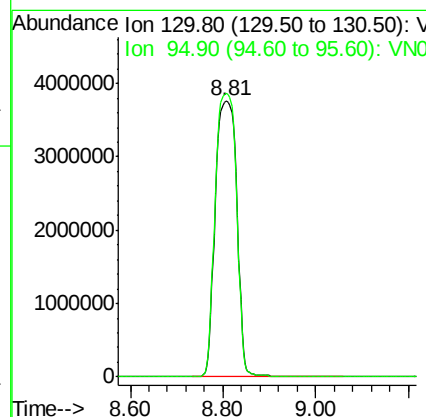
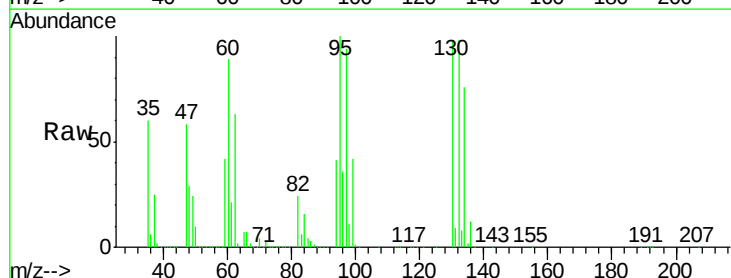
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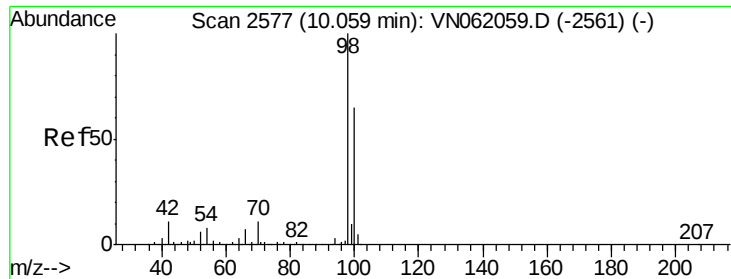
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#44
Trichloroethene
Concen: 3523.542 ug/l
RT: 8.81 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Tgt Ion:130 Resp:12153363
Ion Ratio Lower Upper
130 100
95 102.5 0.0 197.8





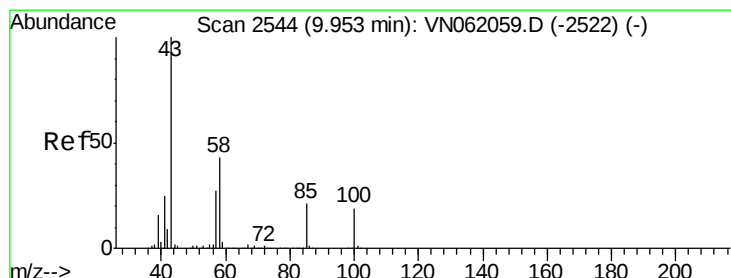
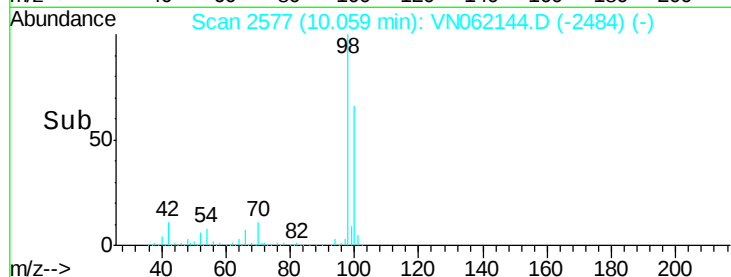
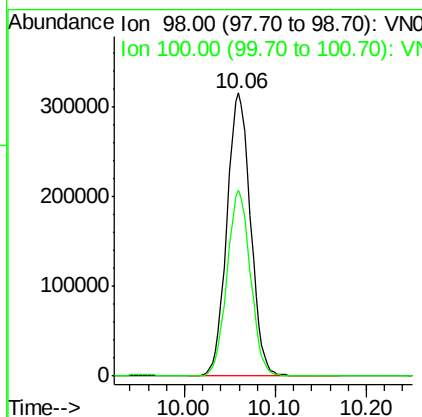
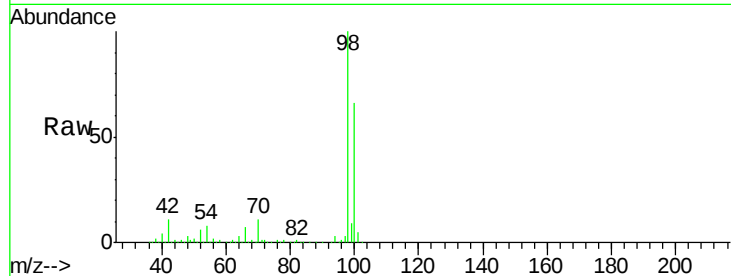
#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampled :
36BR-20200625

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8

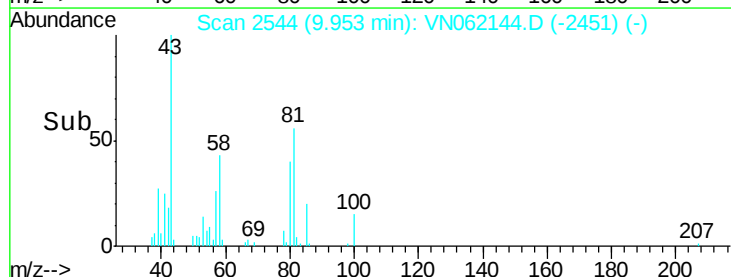
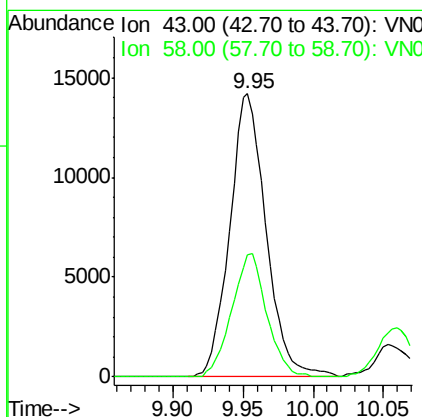
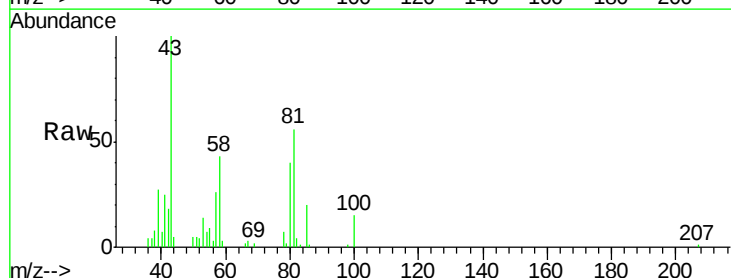
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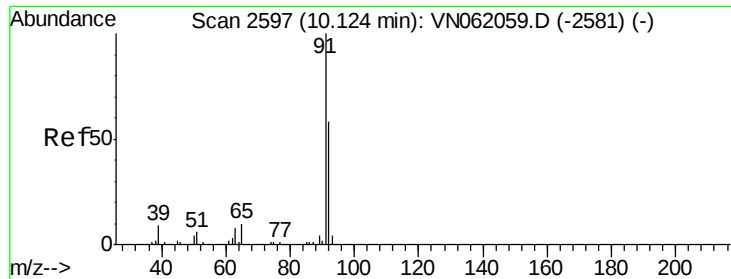
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#51
4-Methyl-2-Pentanone
Concen: 7.242 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.8	34.2	51.2





#52

Toluene

Concen: 5.342 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

36BR-20200625

Tot Ion: 92 Resp: 44564

Ion Ratio Lower Upper

92 100

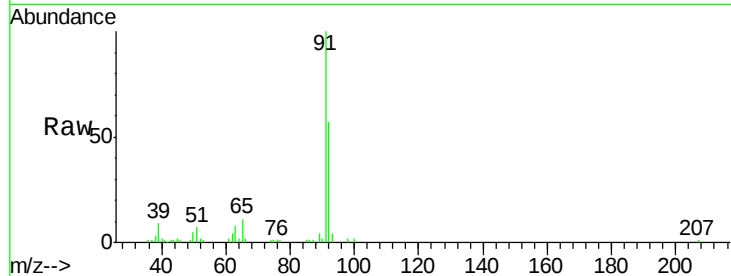
91 169.9 137.4 206.0

Manual Integrations

APPROVED

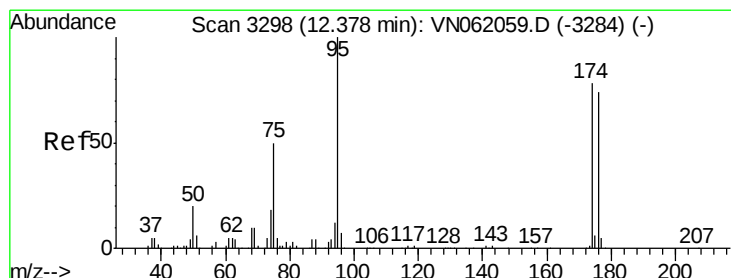
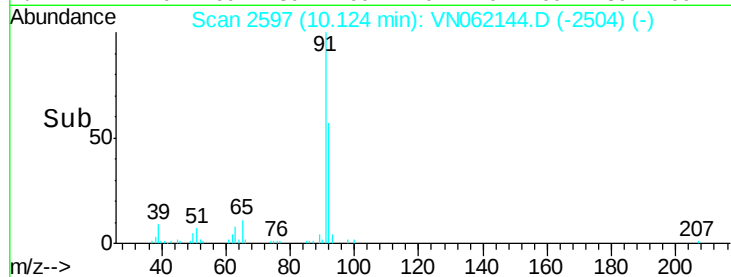
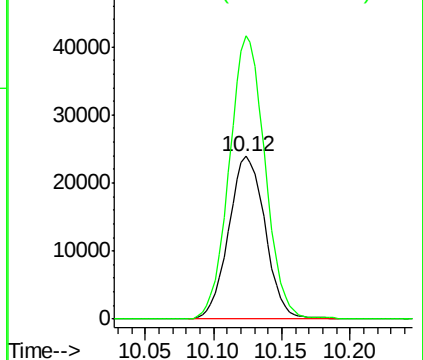
MMDadoda

6/29/2020 12:35:38 PM



Abundance Ion 92.00 (91.70 to 92.70): VN062144.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062144.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 48.109 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062144.D

Acq: 26 Jun 2020 17:02

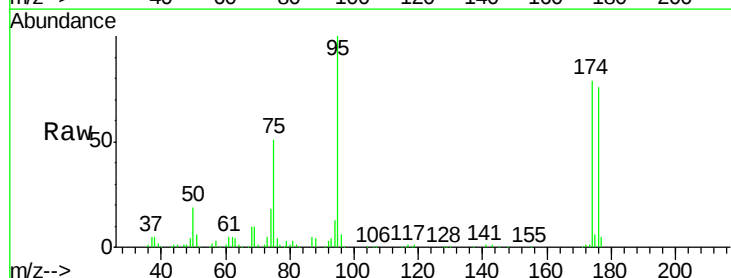
Tgt Ion: 95 Resp: 186039

Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.8

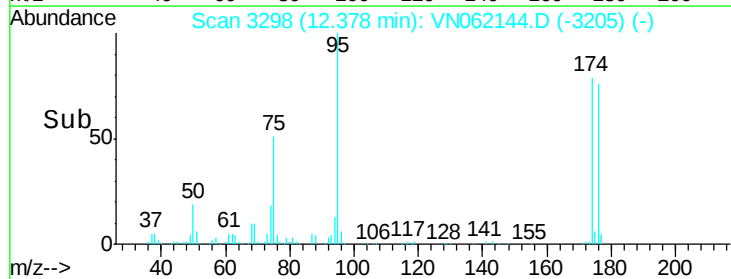
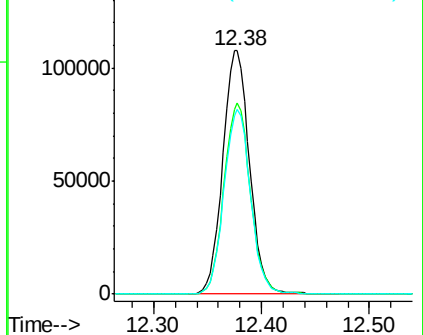
176 75.1 0.0 147.4

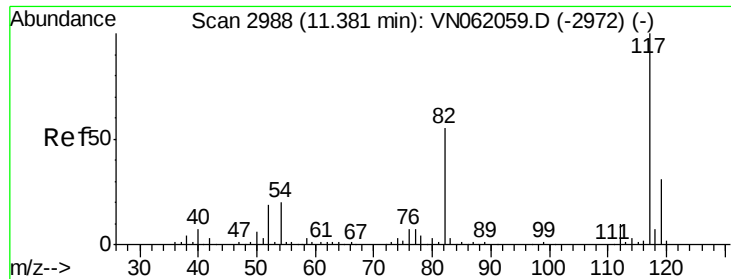


Abundance Ion 94.90 (94.60 to 95.60): VN062144.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062144.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062144.D (-3205) (-)





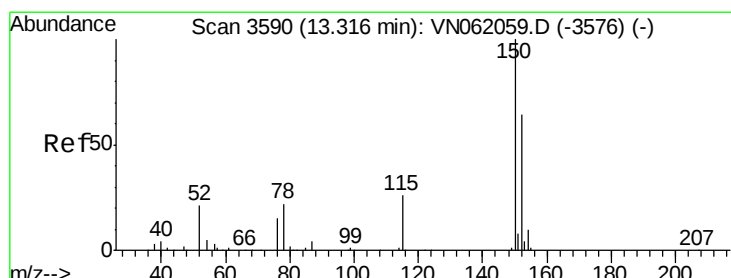
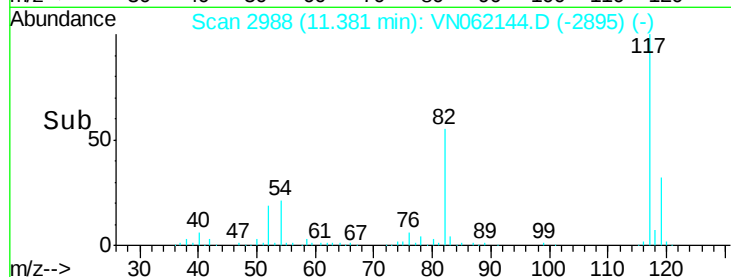
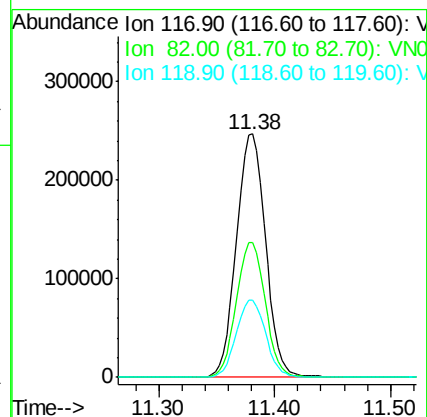
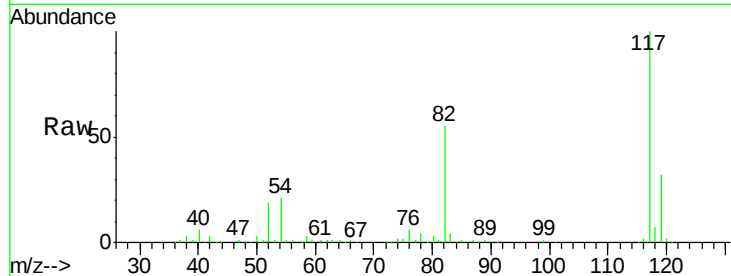
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
36BR-20200625

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.8
119	31.5	25.2	37.8

Manual Integrations
APPROVED

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6/29/2020 12:35:38 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062144.D
Acq: 26 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.5	88.5
150	156.1	0.0	351.4

