

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017707.D
 Acq On : 31 Jul 2020 17:24
 Operator : JC/SP
 Sample : L3526-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-238-240

Manual Integrations
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 8/3/2020 5:02:30 PM

Quant Time: Aug 01 04:06:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	473337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	778205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	777968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	429358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	329965	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	5.46	113	275804	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.70	98	890928	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	411835	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
Target Compounds						
16) Acetone	2.42	43	22306	8.335	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	16392	0.969	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	57312	10.074	ug/l	86
30) Chloroform	5.18	83	5023m	0.523	ug/l	
44) Trichloroethene	7.19	130	151377	24.207	ug/l	96
64) Tetrachloroethene	9.32	164	22184	3.177	ug/l	96

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

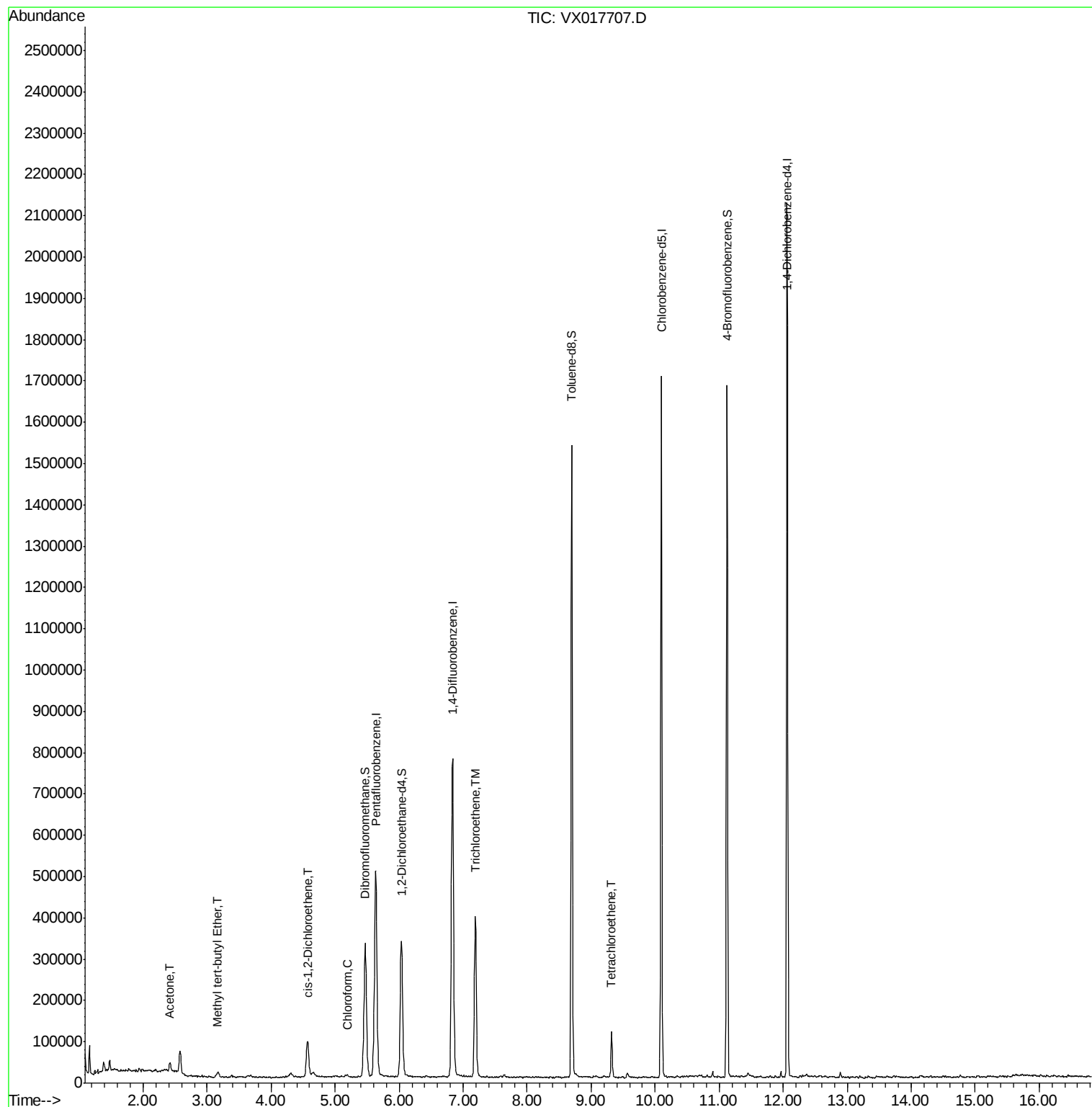
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
Data File : VX017707.D
Acq On : 31 Jul 2020 17:24
Operator : JC/SP
Sample : L3526-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

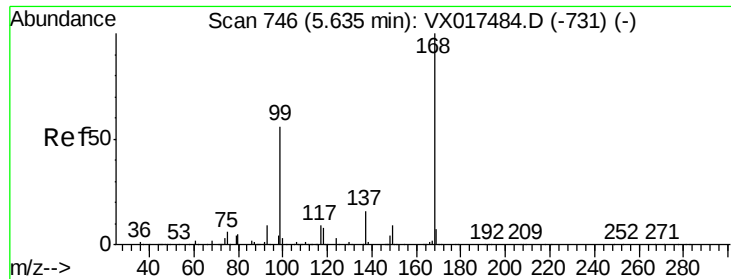
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-238-240

Manual Integrations
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8/3/2020 5:02:30 PM

Quant Time: Aug 01 04:06:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion:168 Resp: 473337

Ion Ratio Lower Upper

168 100

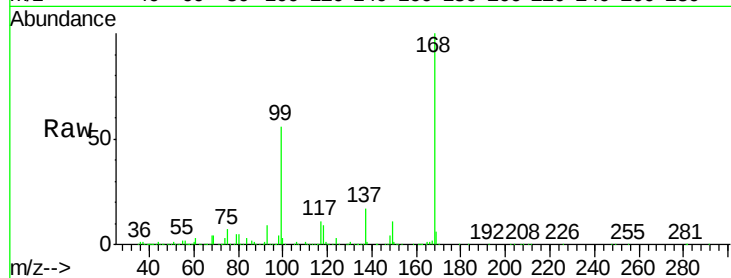
99 56.2 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

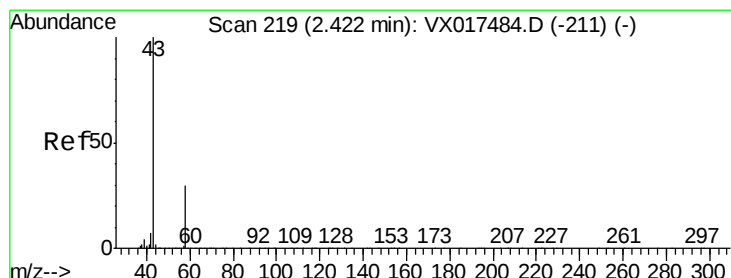
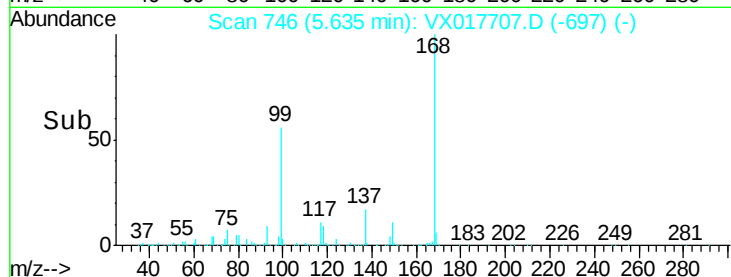
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.335 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017707.D

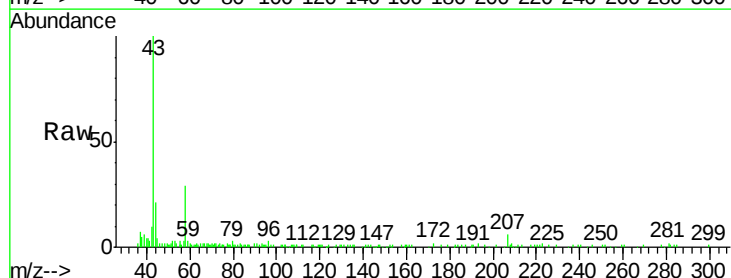
Acq: 31 Jul 2020 17:24

Tgt Ion: 43 Resp: 22306

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

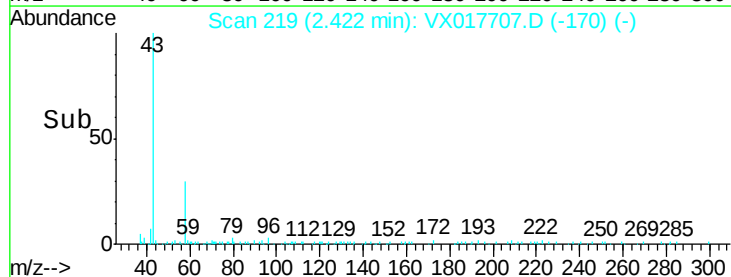
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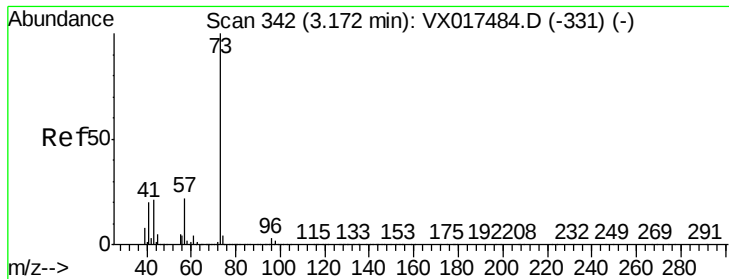
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5000

0

Time-->





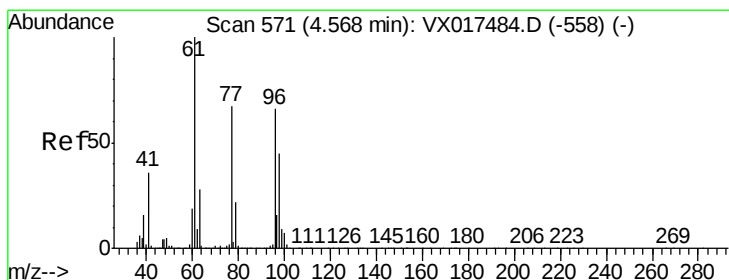
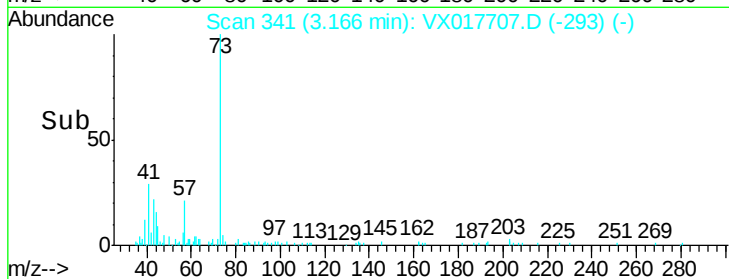
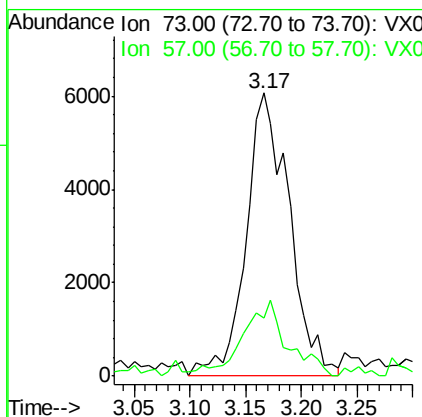
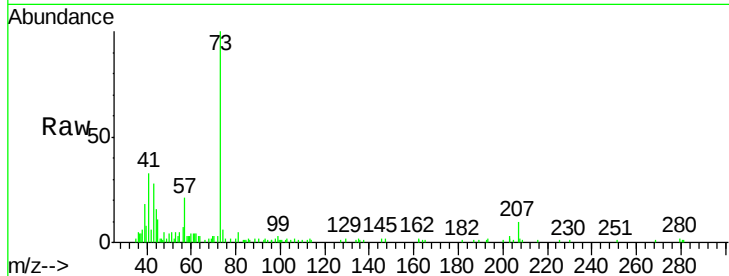
#19
Methvl tert-butvl Ether
Concen: 0.969 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-238-240

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.0	25.4

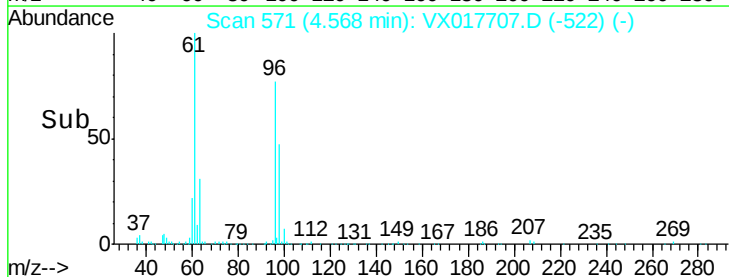
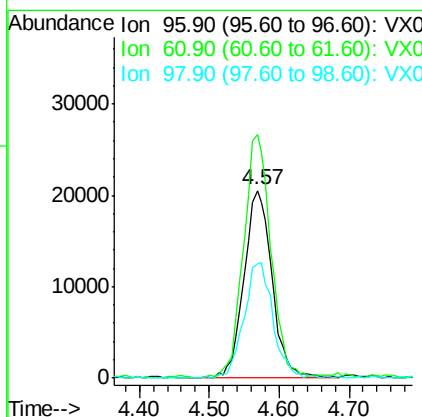
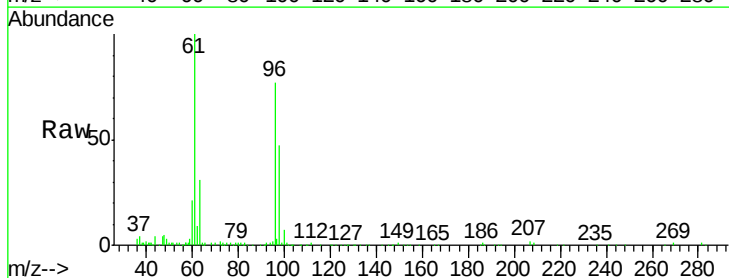
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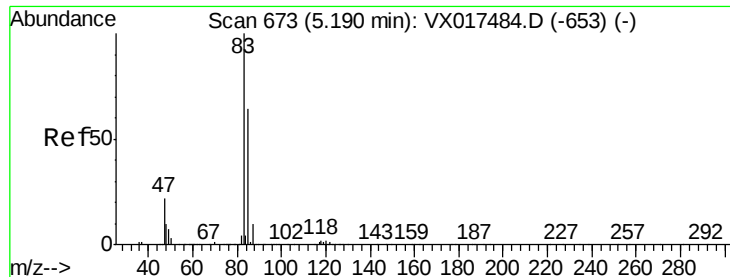
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#27
cis-1,2-Dichloroethene
Concen: 10.074 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	301.2
98	63.4	0.0	130.0





#30

Chloroform

Concen: 0.523 ug/l m

RT: 5.18 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Tot Ion: 83 Resp: 5023

Ion Ratio Lower Upper

83 100

85 59.8 51.4 77.2

Instrument :

MSVOA_X

ClientSampleId :

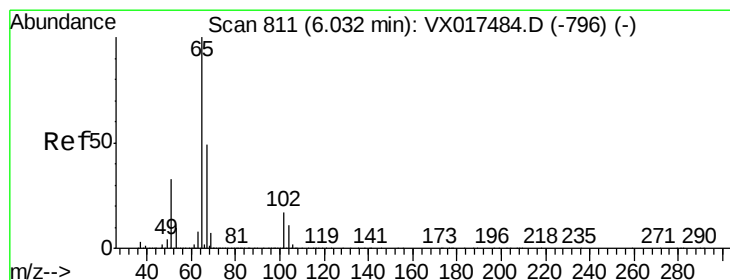
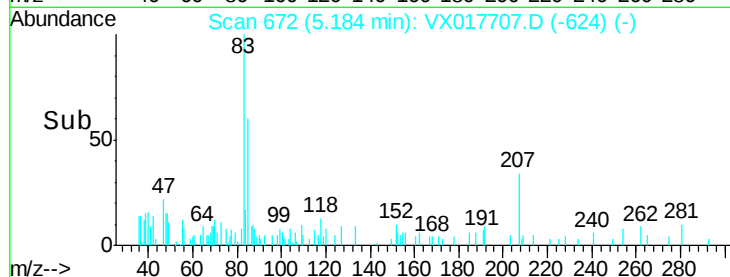
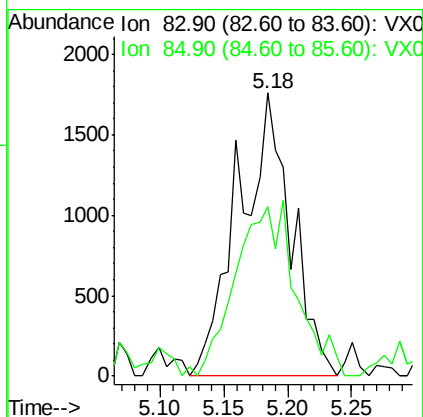
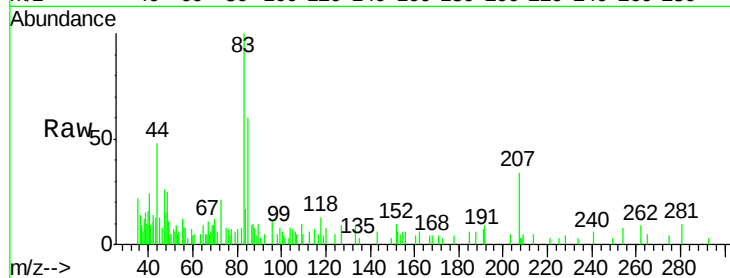
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#33

1,2-Dichloroethane-d4

Concen: 54.269 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017707.D

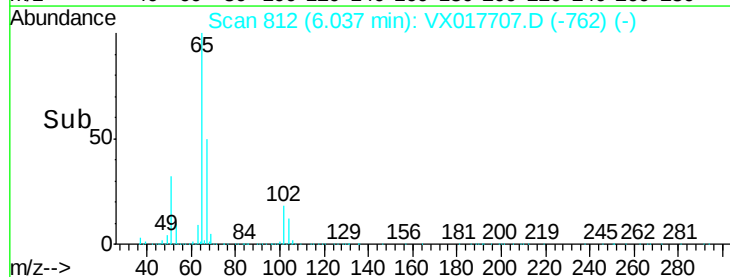
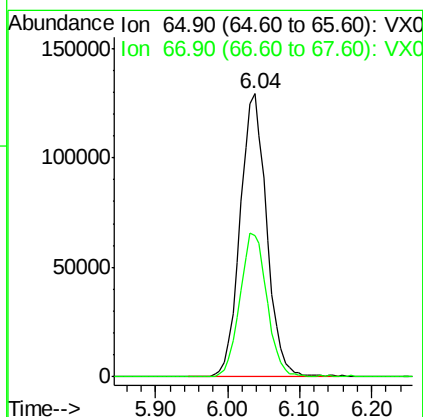
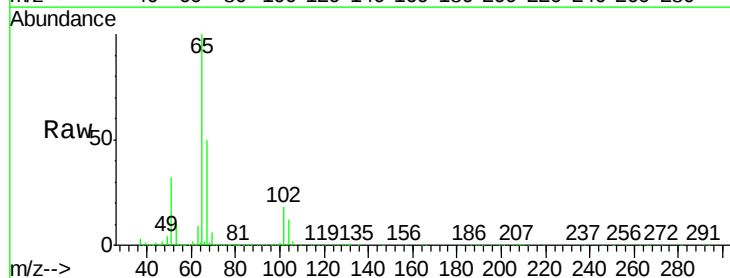
Acq: 31 Jul 2020 17:24

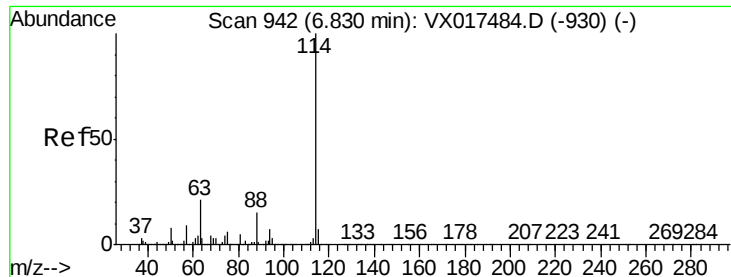
Tgt Ion: 65 Resp: 329965

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

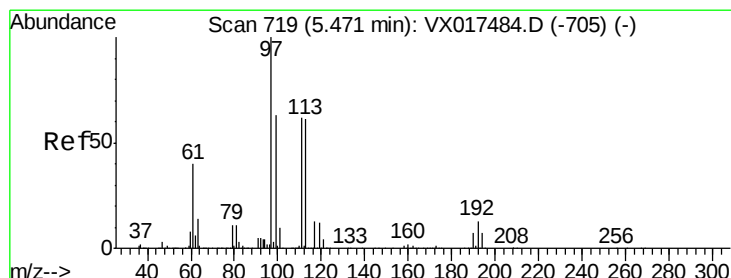
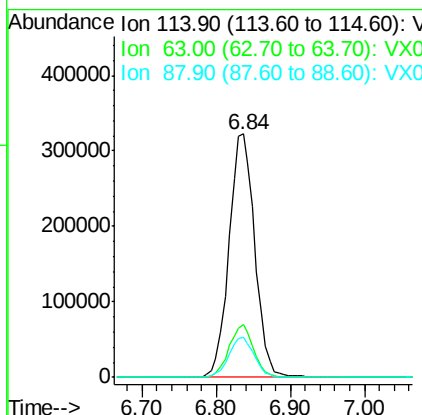
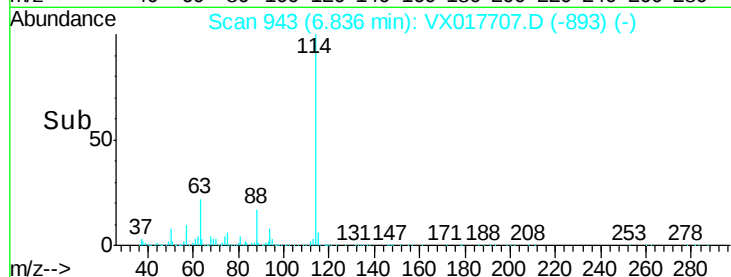
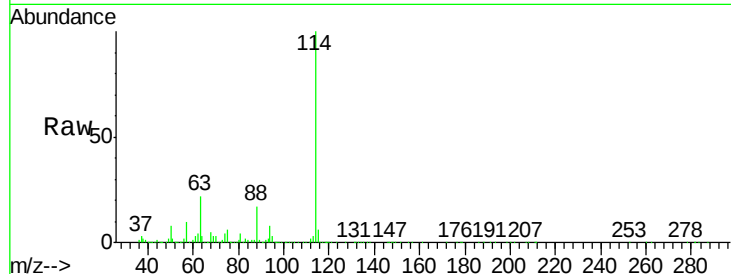
ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion	Ratio	Resp	Lower	Upper
114	100	778205		
63	21.8		0.0	40.6
88	16.6		0.0	33.4

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#35

Dibromofluoromethane

Concen: 52.992 ug/l

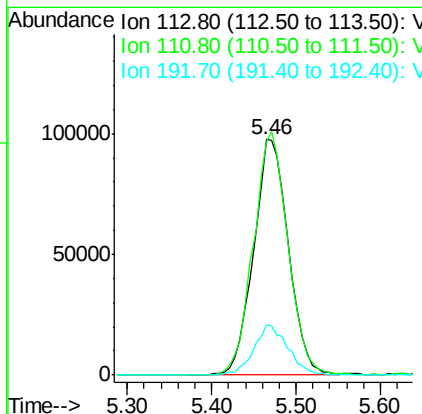
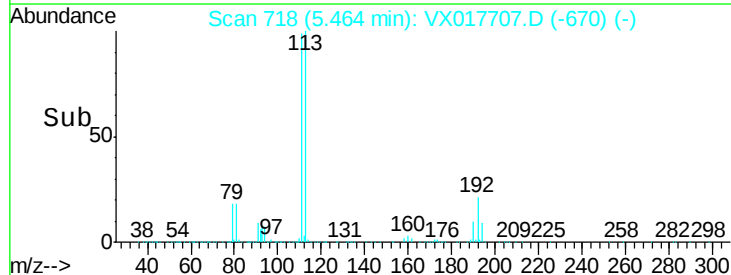
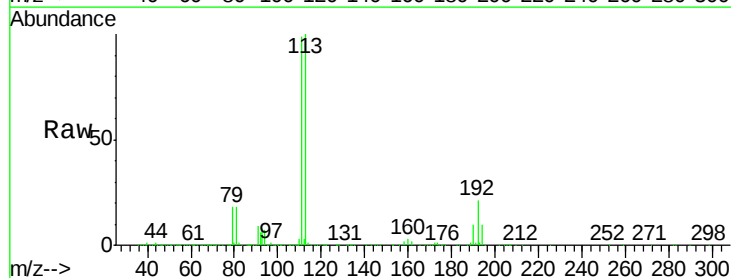
RT: 5.46 min Scan# 718

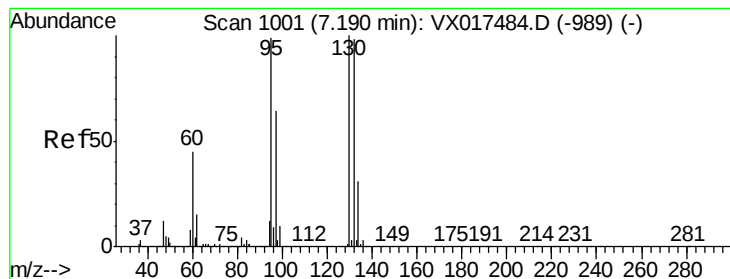
Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	275804		
111	102.5		80.7	121.1
192	20.9		16.9	25.3





#44

Trichloroethene

Concen: 24.207 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion:130 Resp: 151377

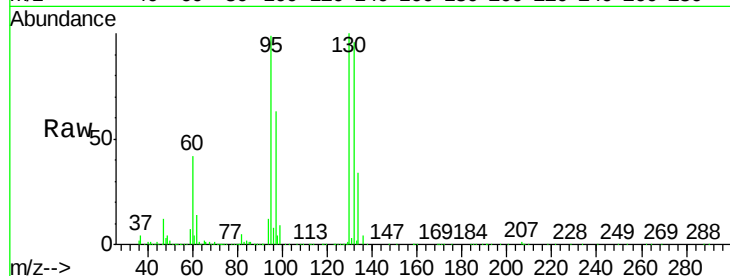
Ion Ratio Lower Upper

130 100

95 98.5 0.0 189.0

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

80000

60000

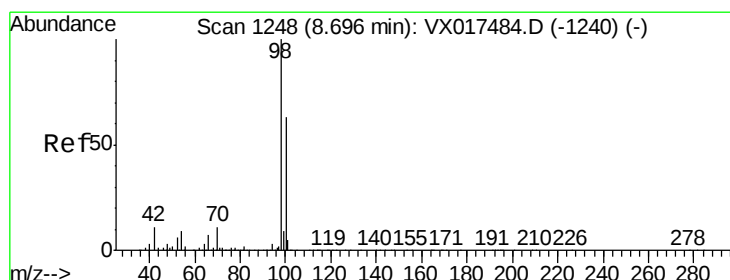
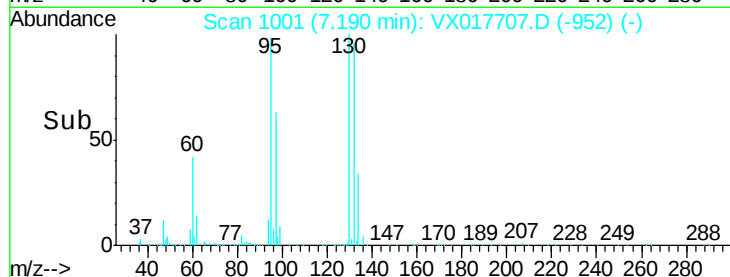
40000

20000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 47.451 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017707.D

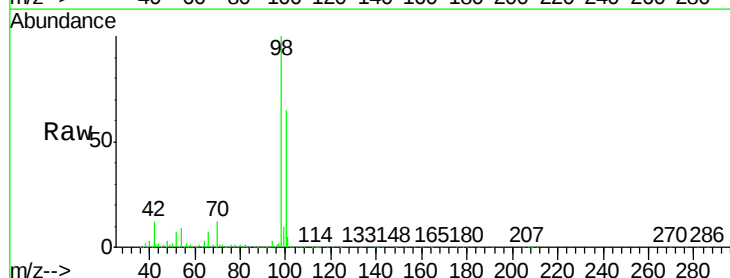
Acq: 31 Jul 2020 17:24

Tgt Ion: 98 Resp: 890928

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

600000

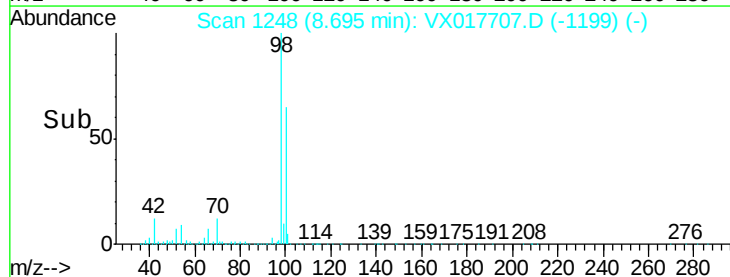
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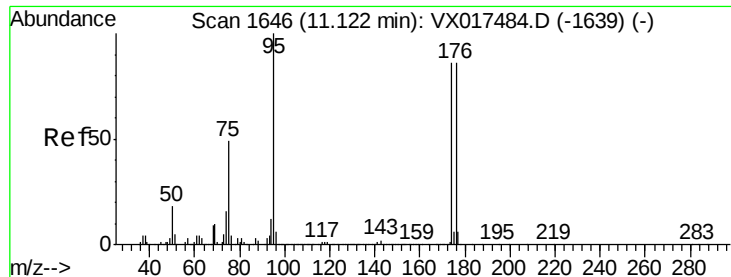
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8.60 8.65 8.70 8.75 8.80

Time-->





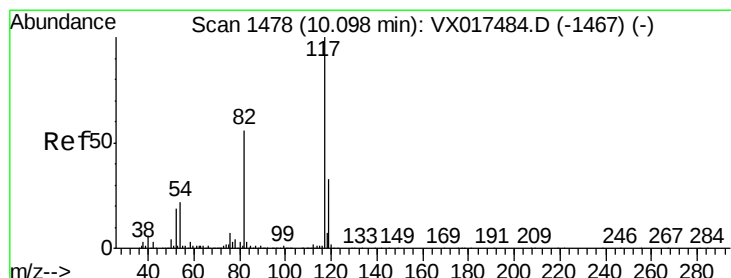
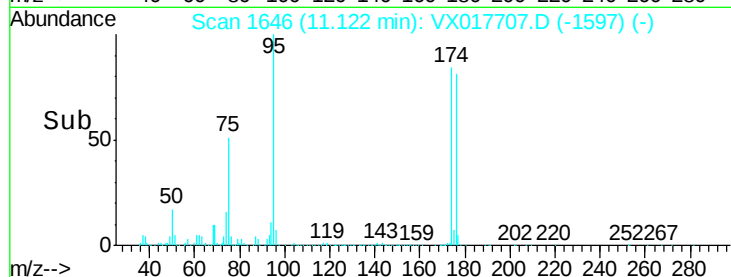
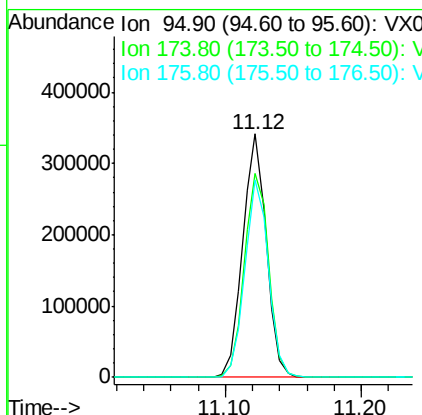
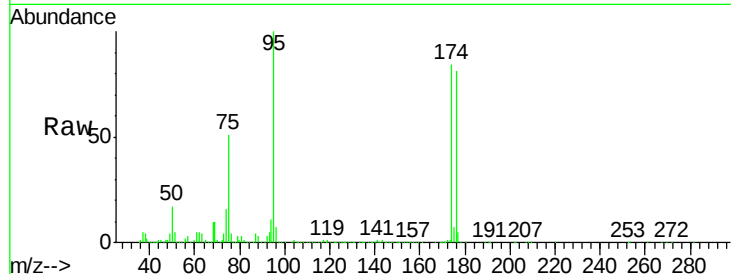
#62
4-Bromofluorobenzene
Concen: 54.808 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-238-240

Tot Ion	Ratio	Resp	Lower	Upper
95	100	411835		
174	86.9	0.0	169.0	
176	81.6	0.0	161.0	

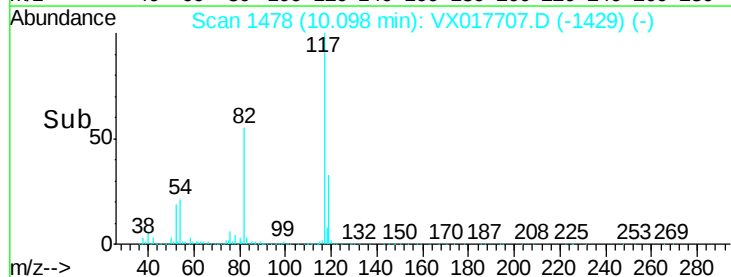
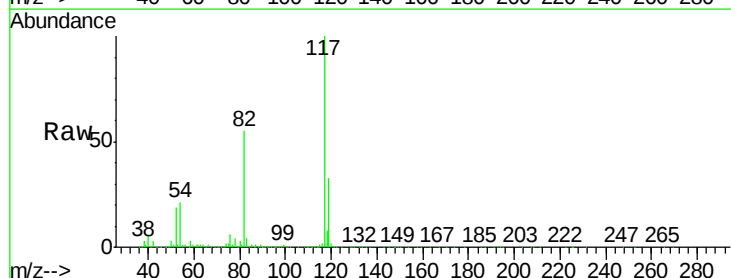
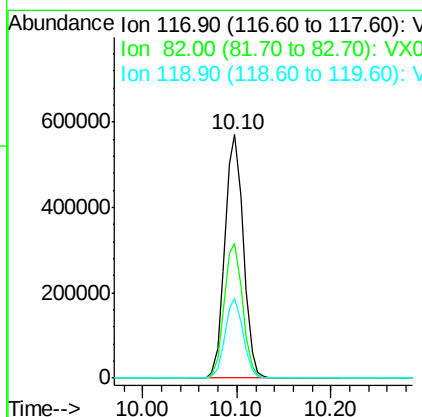
Manual Integrations
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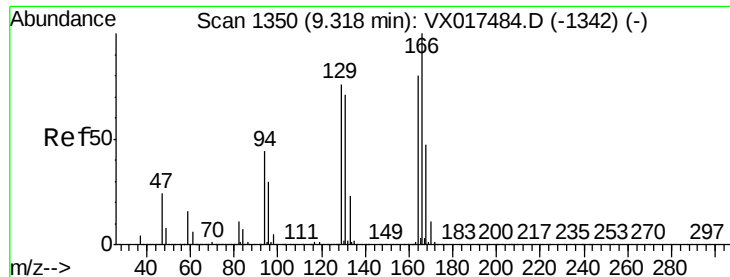
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	777968		
82	55.4	44.0	66.0	
119	33.0	25.4	38.0	





#64

Tetrachloroethene

Concen: 3.177 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

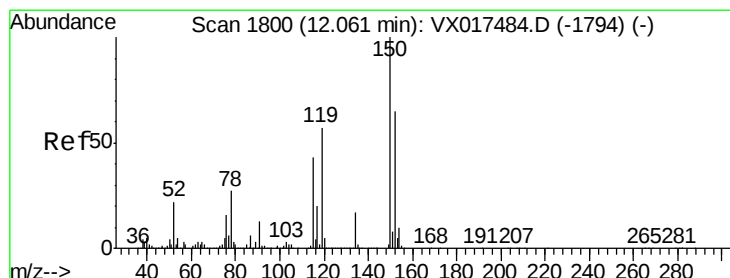
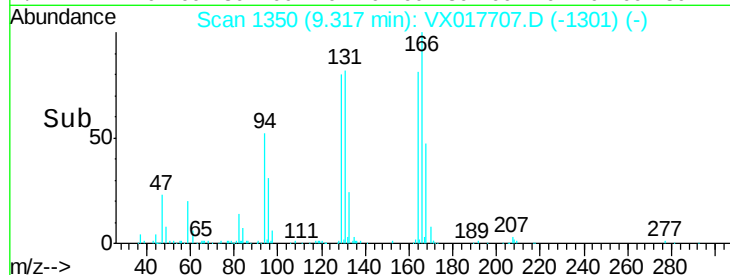
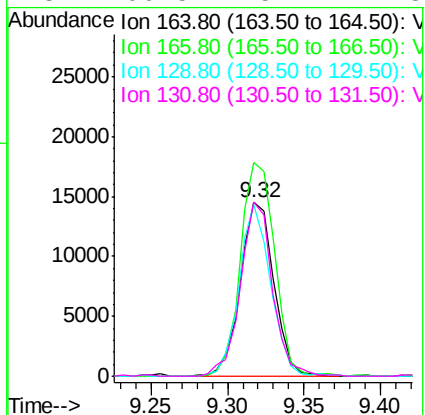
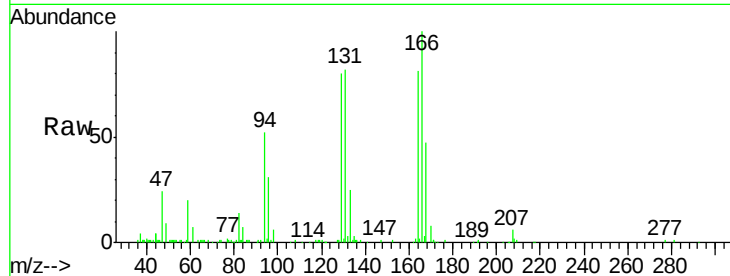
ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion:	164	Resp:	22184
Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.6	150.8
129	98.8	75.0	112.6
131	100.5	75.2	112.8

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Tgt Ion:	152	Resp:	429358
Ion	Ratio	Lower	Upper
152	100		
115	57.8	65.5	196.6#
150	157.6	0.0	412.6

