

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015296.D
 Acq On : 16 Mar 2020 15:57
 Operator : JC/SP
 Sample : L1903-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20200310

Quant Time: Mar 17 08:30:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

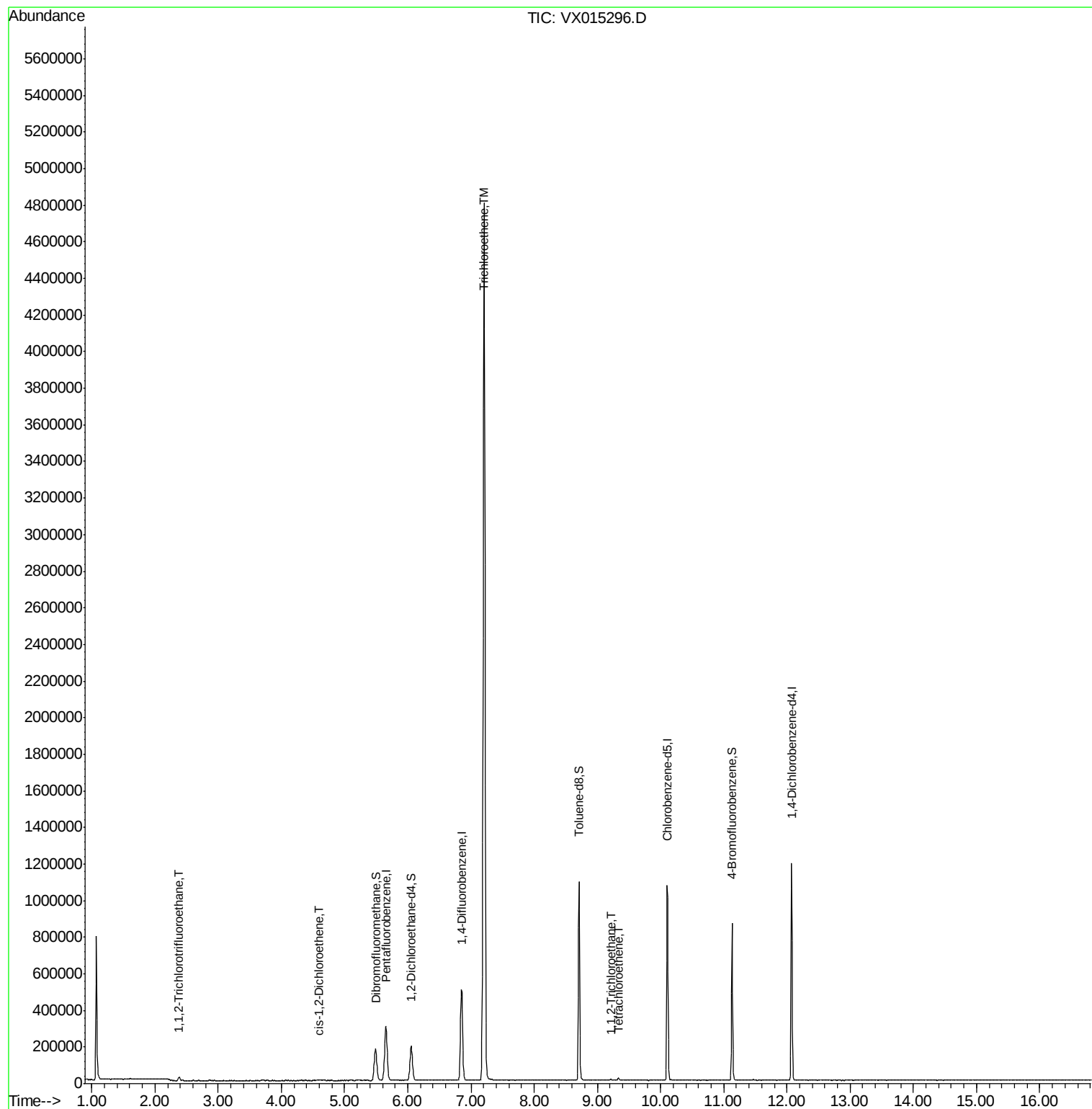
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	517831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	498915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	251593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	177811	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.49	113	151550	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	627144	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	228919	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8011	2.783	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	2477	0.696	ug/l	78
44) Trichloroethene	7.21	130	1880049	475.314	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	1538	0.430	ug/l #	83
64) Tetrachloroethene	9.33	164	2919	0.708	ug/l	94

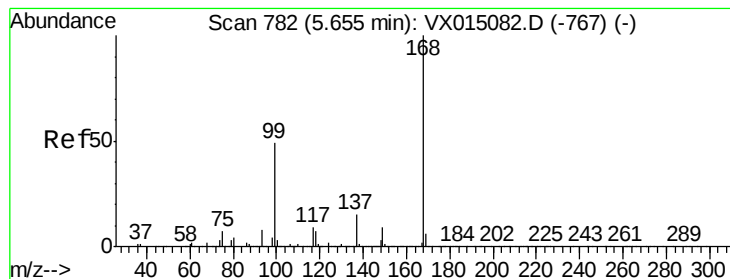
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

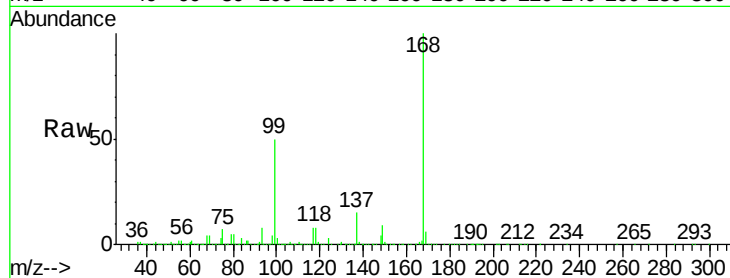
DUP04-20200310

Tot Ion:168 Resp: 305703

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

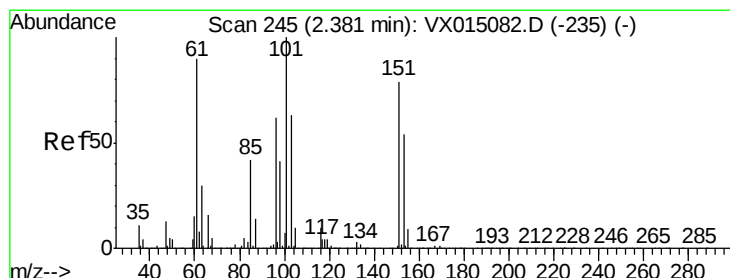
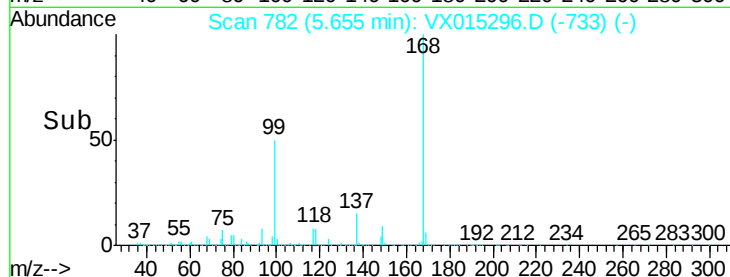
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.783 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

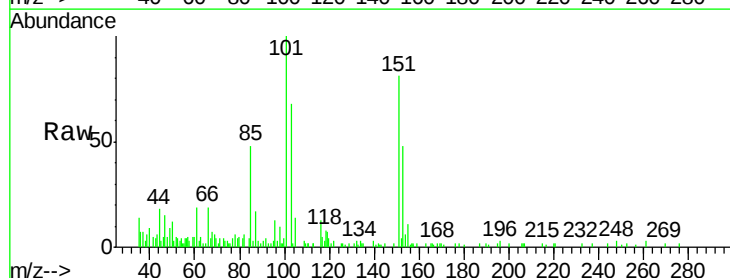
Tgt Ion:101 Resp: 8011

Ion Ratio Lower Upper

101 100

85 45.0 33.7 50.5

151 75.7 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.38

5000

4000

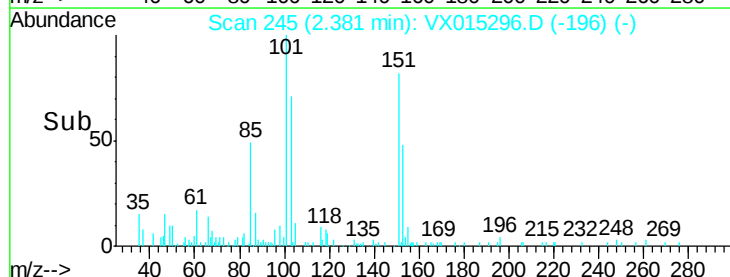
3000

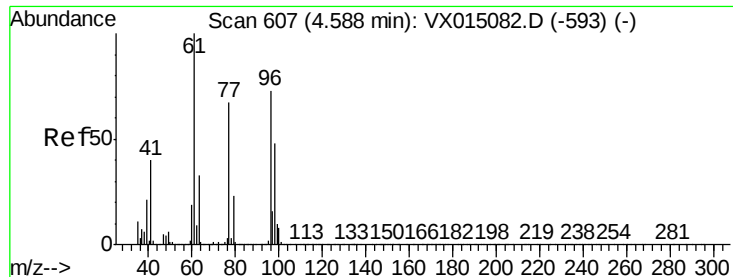
2000

1000

0

Time-->



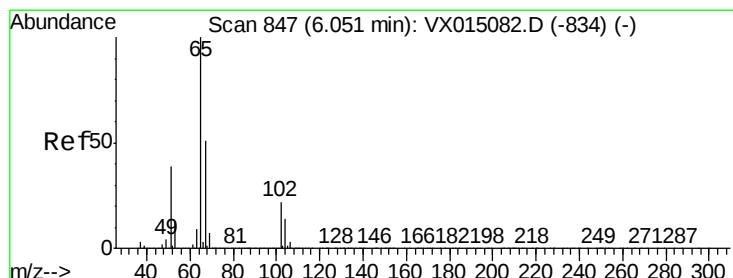
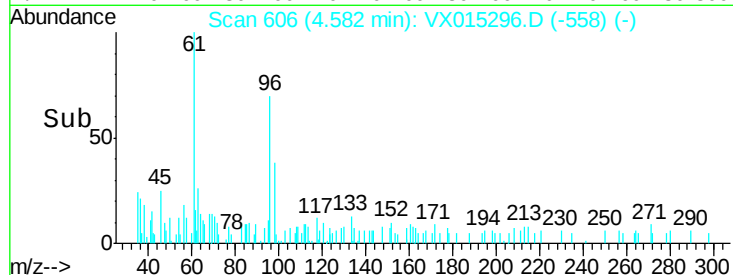
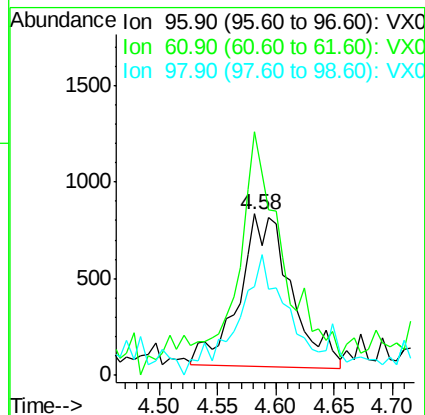
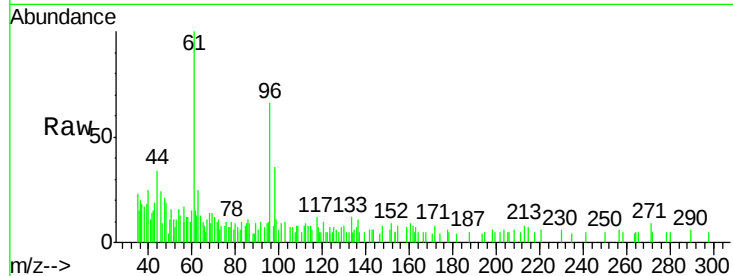


#27

cis-1,2-Dichloroethene
Concen: 0.696 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015296.D
Acq: 16 Mar 2020 15:57

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20200310

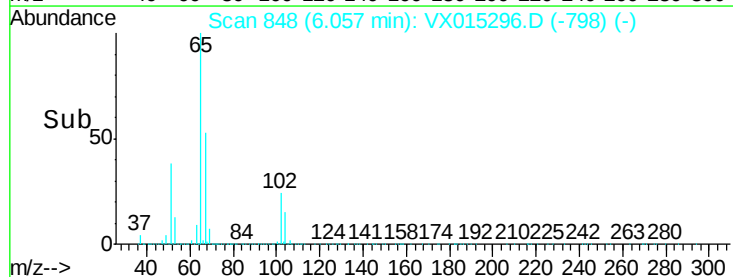
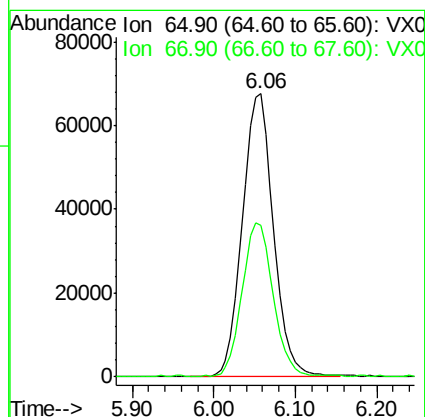
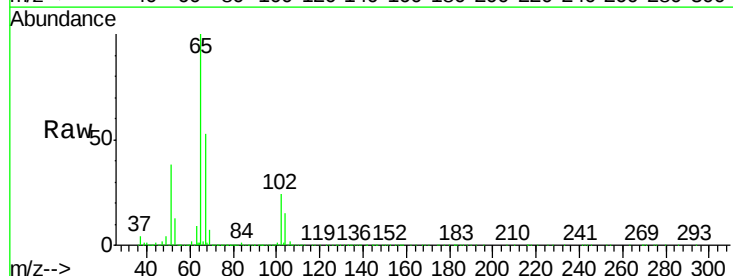
Tot Ion	Ratio	Lower	Upper
96	100		
61	112.6	0.0	286.8
98	75.3	0.0	128.4

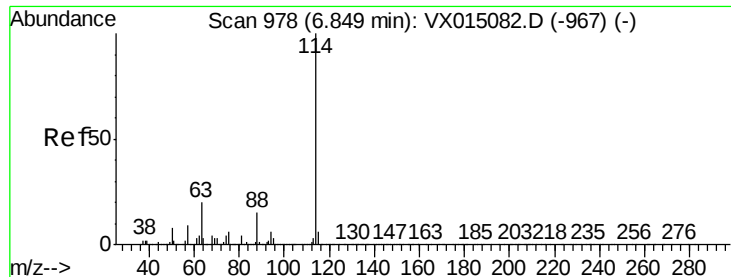


#33

1,2-Dichloroethane-d4
Concen: 49.027 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015296.D
Acq: 16 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20200310

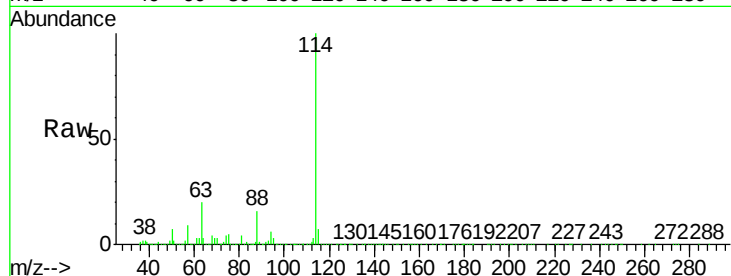
Tot Ion:114 Resp: 517831

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

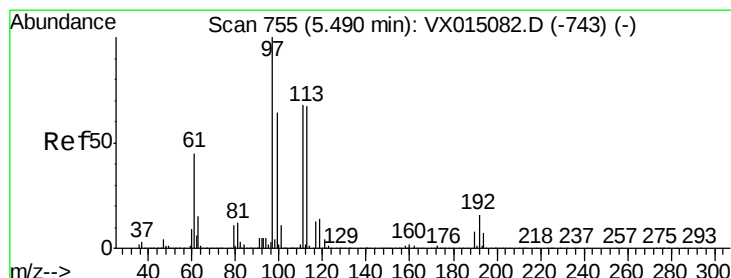
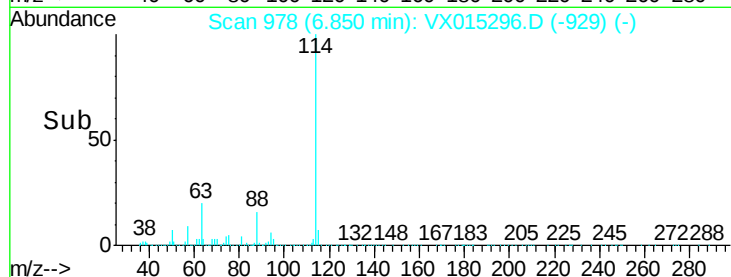
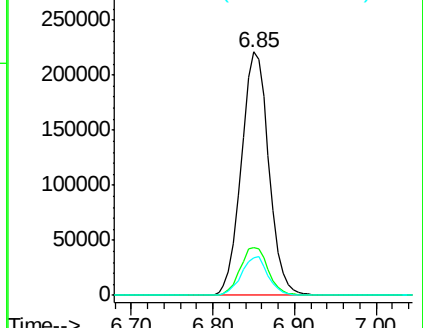
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.390 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

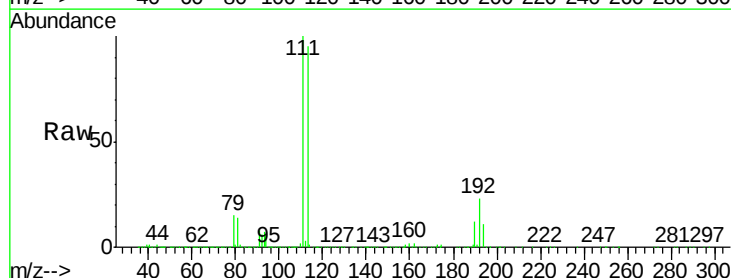
Tgt Ion:113 Resp: 151550

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

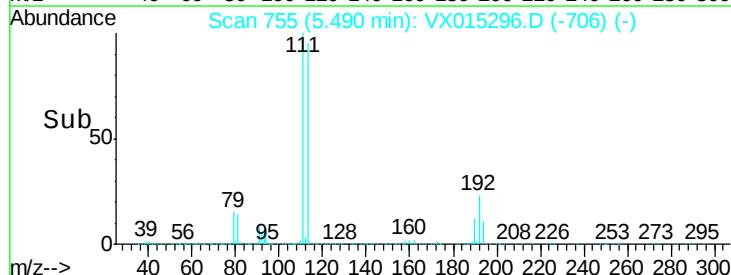
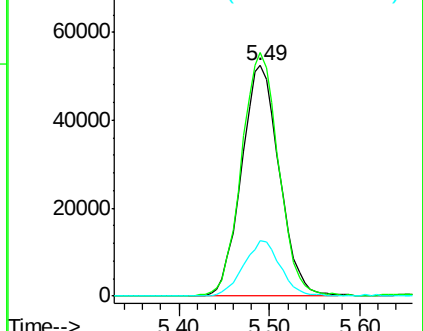
192 23.5 18.6 28.0

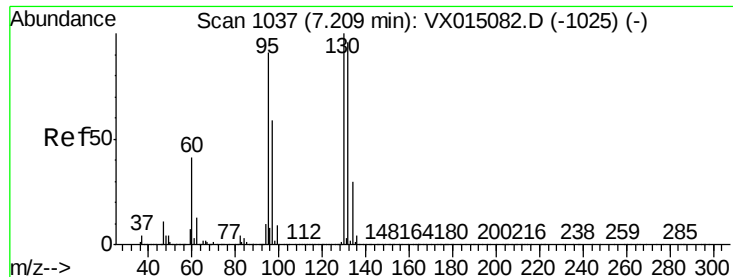


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 475.314 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

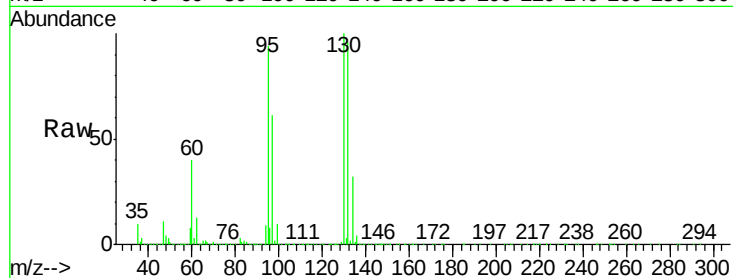
DUP04-20200310

Tot Ion:130 Resp: 1880049

Ion Ratio Lower Upper

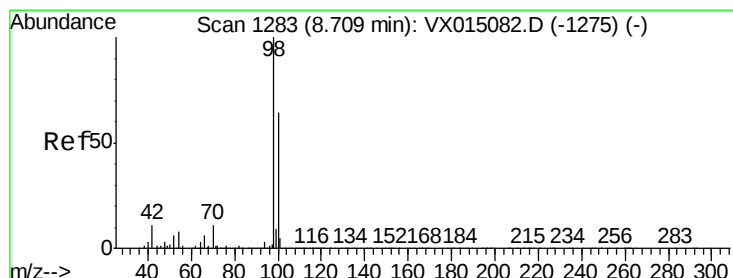
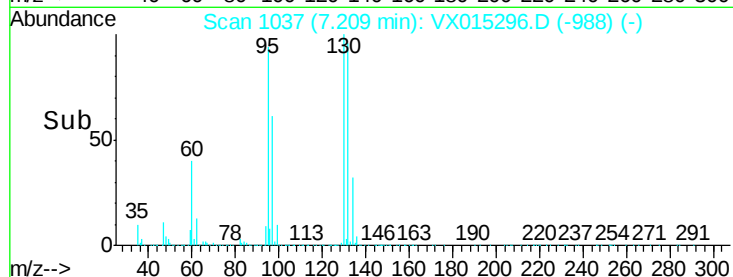
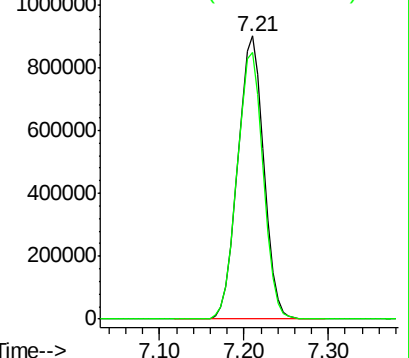
130 100

95 94.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.468 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015296.D

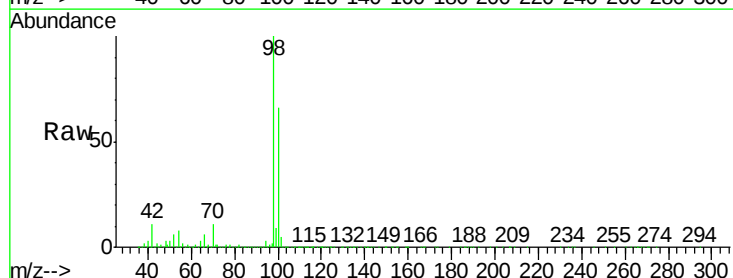
Acq: 16 Mar 2020 15:57

Tgt Ion: 98 Resp: 627144

Ion Ratio Lower Upper

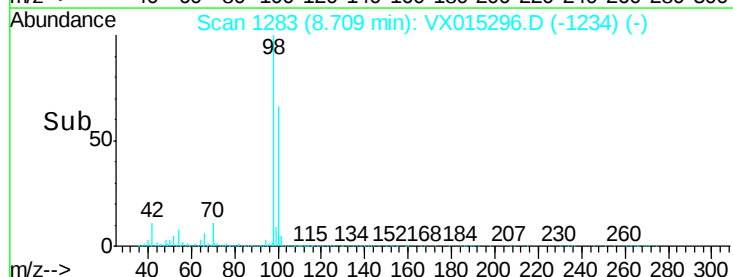
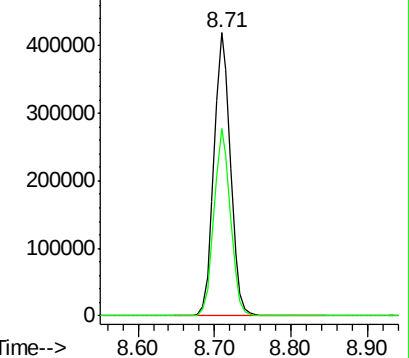
98 100

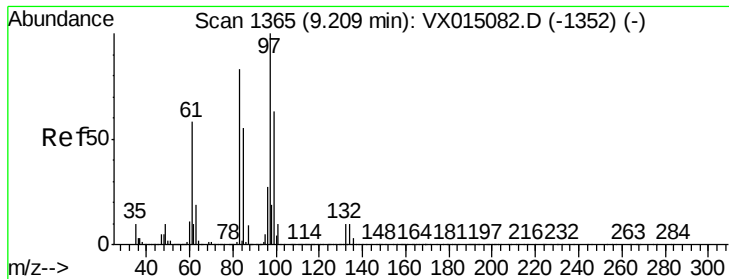
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.430 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20200310

Tot Ion: 97 Resp: 1538

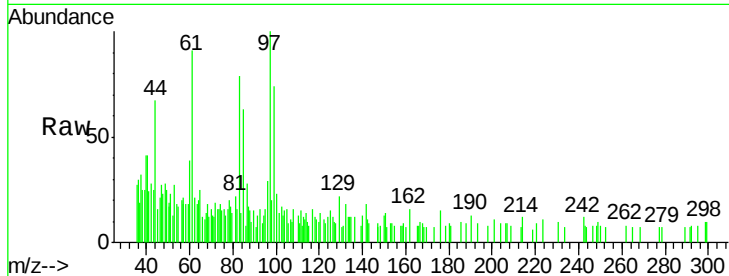
Ion Ratio Lower Upper

97 100

83 55.9 66.4 99.6#

85 63.4 43.5 65.3

99 61.1 50.7 76.1

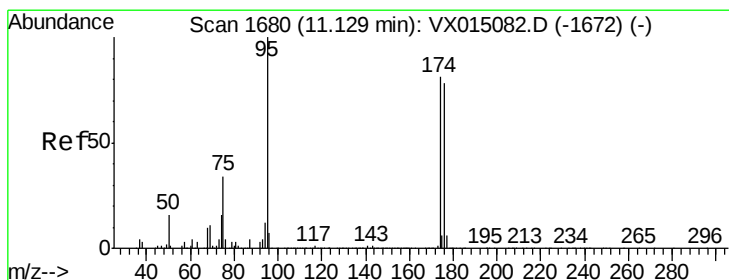
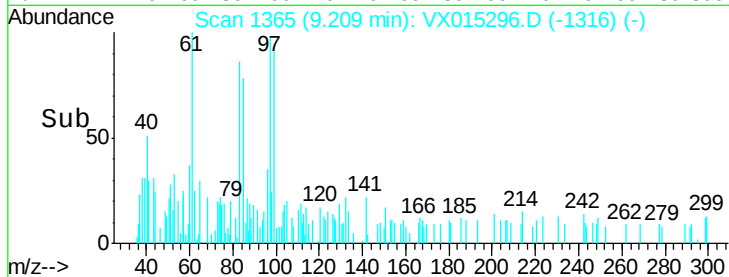
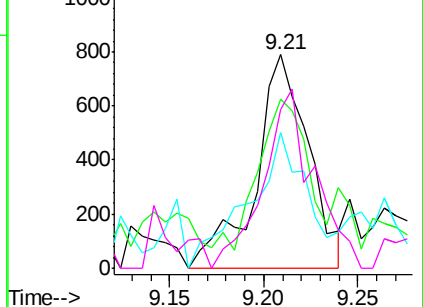


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 51.646 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

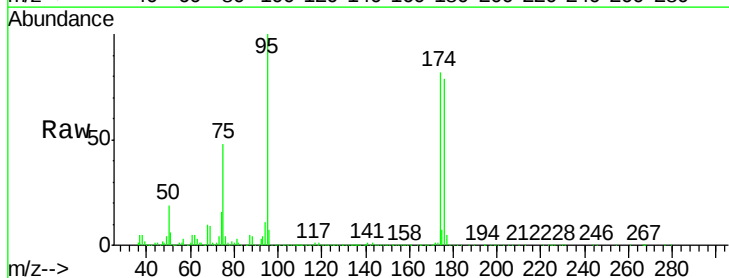
Tgt Ion: 95 Resp: 228919

Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.6

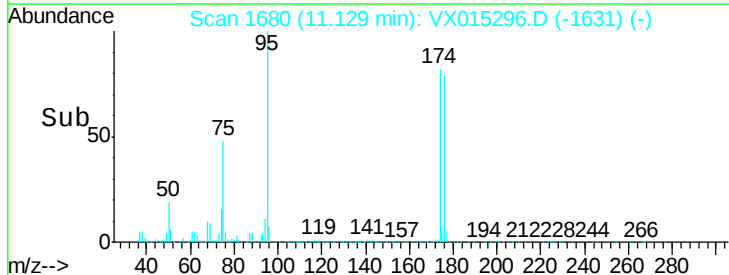
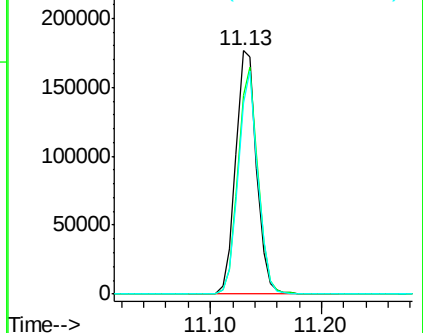
176 86.4 0.0 170.2

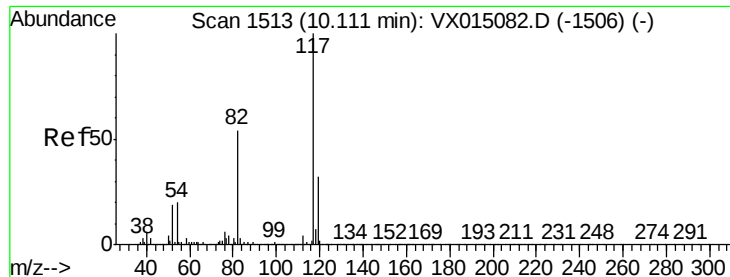


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

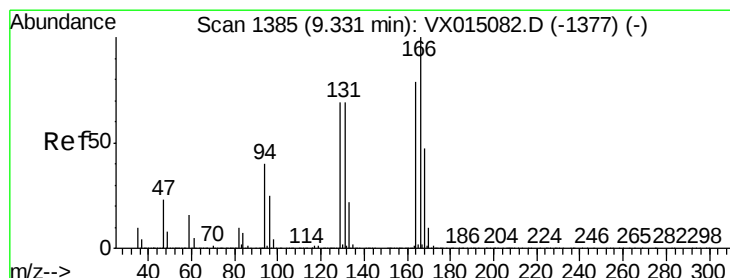
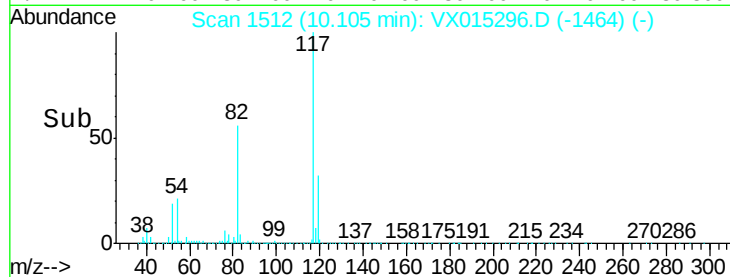
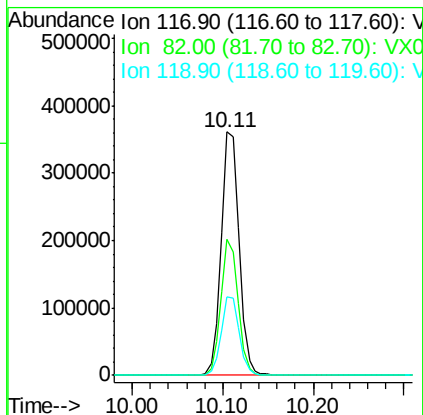
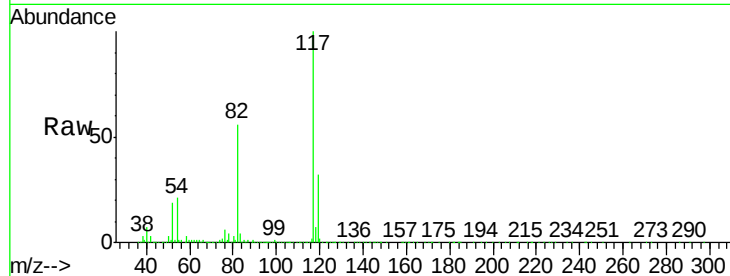




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015296.D
Acq: 16 Mar 2020 15:57

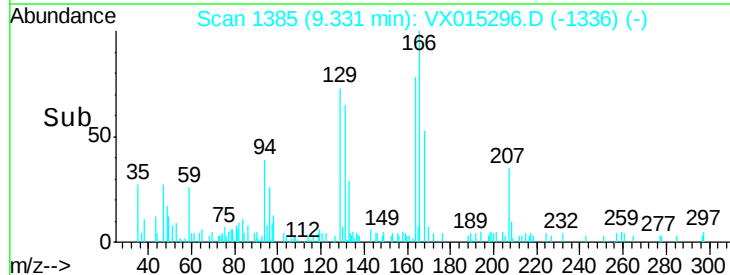
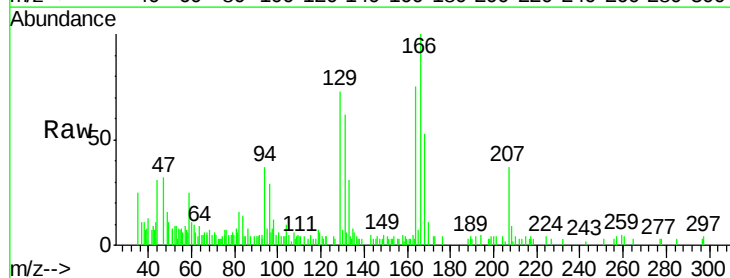
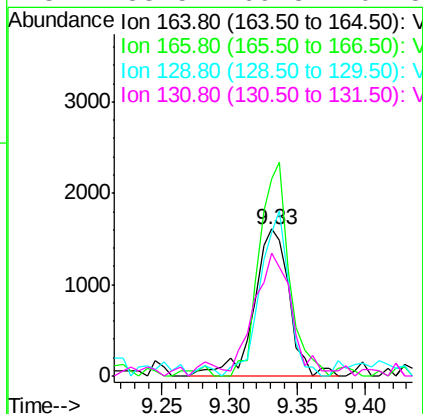
Instrument :
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DUP04-20200310

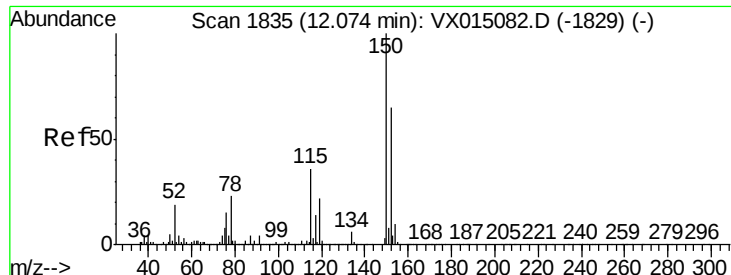
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.3	64.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 0.708 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015296.D
Acq: 16 Mar 2020 15:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.1	151.7
129	97.3	69.4	104.0
131	83.5	69.8	104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015296.D

Acq: 16 Mar 2020 15:57

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20200310

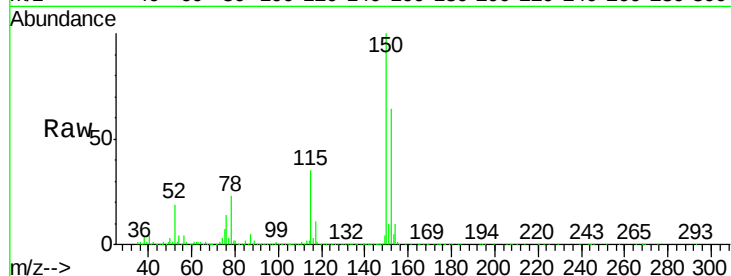
Tot Ion:152 Resp: 251593

Ion Ratio Lower Upper

152 100

115 55.8 38.2 114.6

150 157.0 0.0 343.8



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

