

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015707.D
 Acq On : 16 Apr 2020 13:22
 Operator : JC/SP
 Sample : L2233-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-200408

Quant Time: Apr 17 07:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

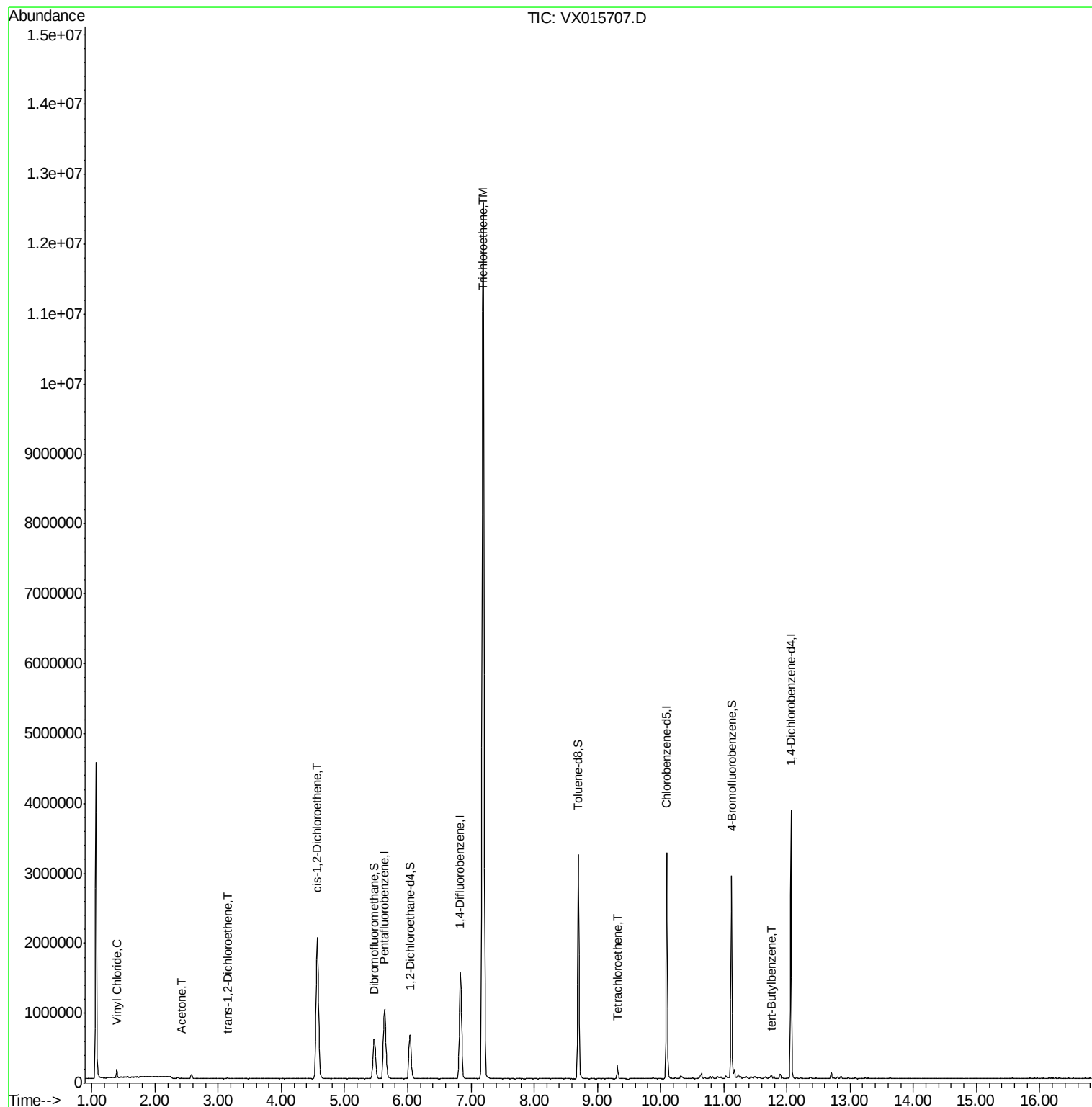
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1038336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1577833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1489222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	762926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	619375	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
35) Dibromofluoromethane	5.47	113	481321	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.70	98	1868754	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.12	95	754837	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
Target Compounds						
4) Vinyl Chloride	1.39	62	64395	6.020	ug/l	94
16) Acetone	2.42	43	13110	2.084	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	5901	0.542	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	1280482	101.731	ug/l	88
44) Trichloroethene	7.19	130	4842937	416.984	ug/l	100
64) Tetrachloroethene	9.32	164	40262	3.582	ug/l	95
83) tert-Butylbenzene	11.76	119	15834	0.380	ug/l	82

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

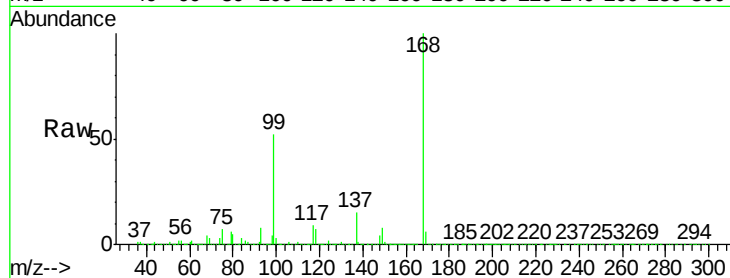
KY036MW026-200408

Tot Ion:168 Resp: 1038336

Ion Ratio Lower Upper

168 100

99 51.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

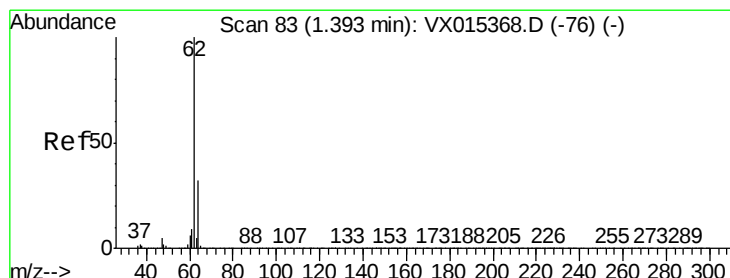
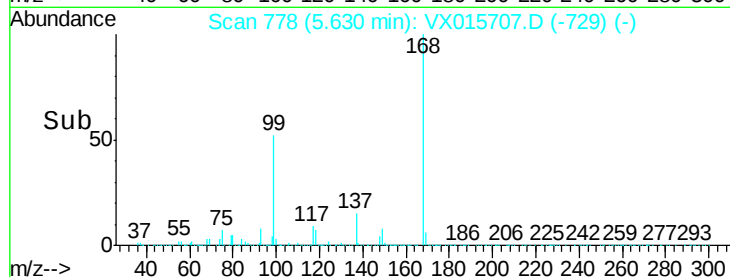
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 6.020 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015707.D

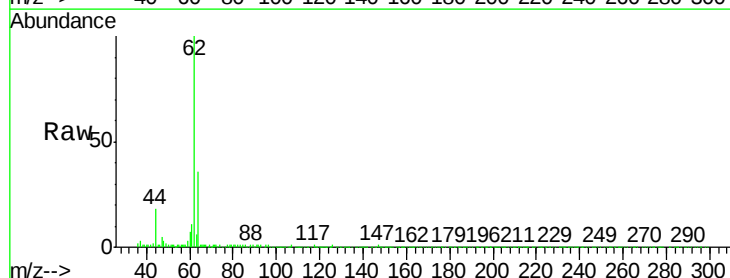
Acq: 16 Apr 2020 13:22

Tgt Ion: 62 Resp: 64395

Ion Ratio Lower Upper

62 100

64 35.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

60000

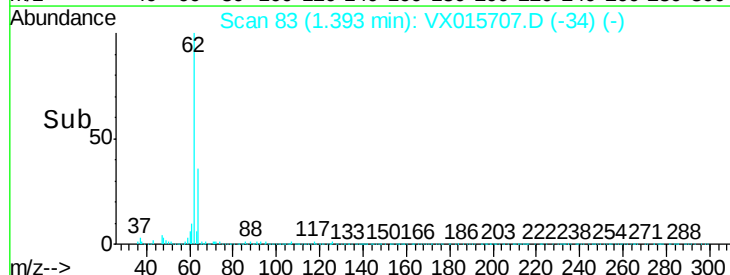
40000

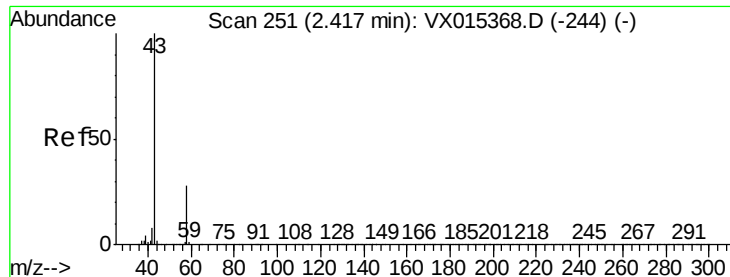
20000

0

1.30 1.35 1.40 1.45

Time-->





#16

Acetone

Concen: 2.084 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

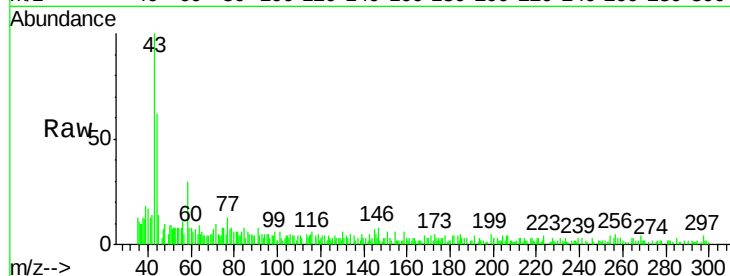
KY036MW026-200408

Tot Ion: 43 Resp: 13110

Ion Ratio Lower Upper

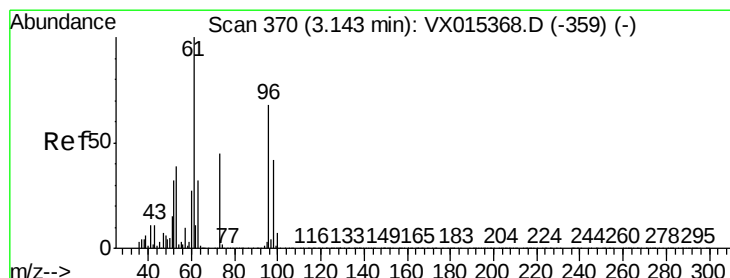
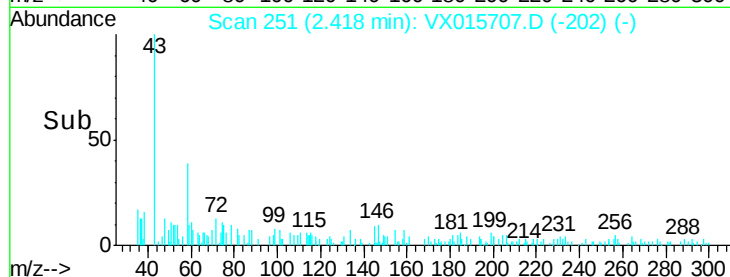
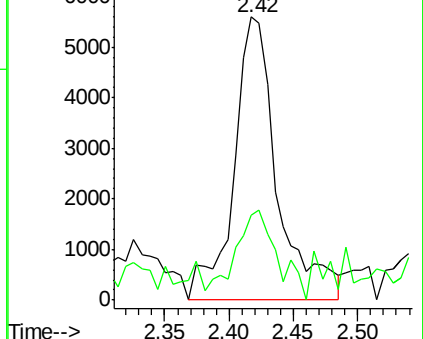
43 100

58 26.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.542 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

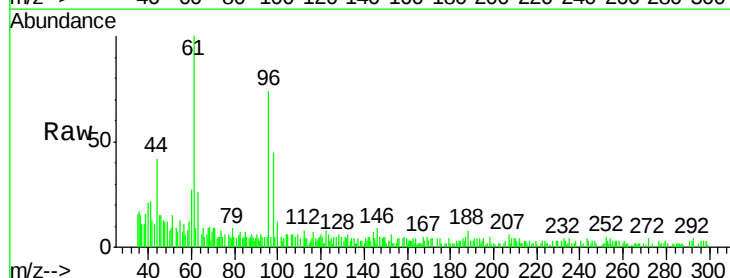
Tgt Ion: 96 Resp: 5901

Ion Ratio Lower Upper

96 100

61 135.5 116.9 175.3

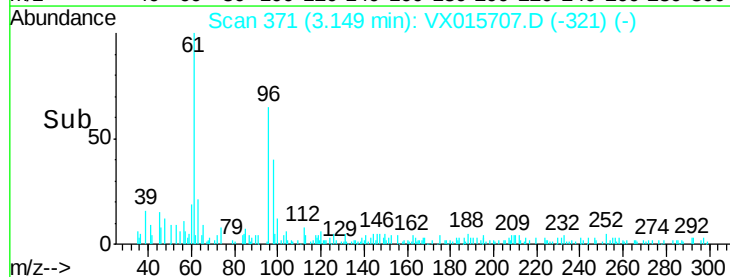
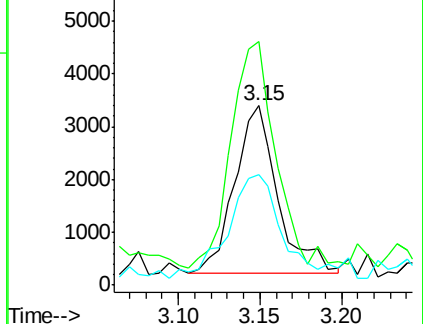
98 57.7 48.6 73.0

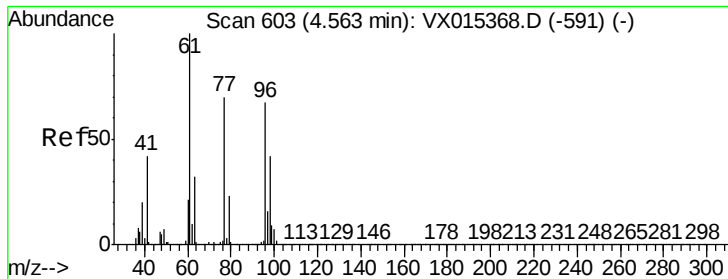


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



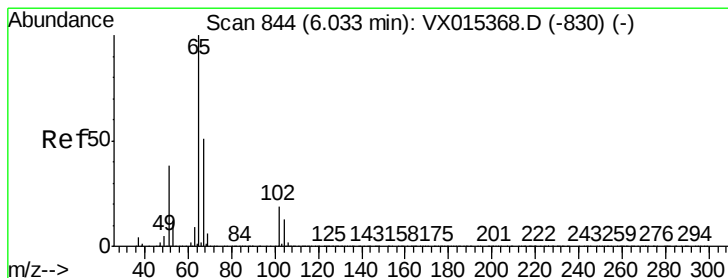
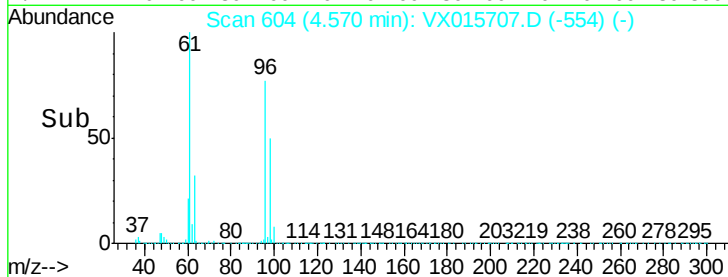
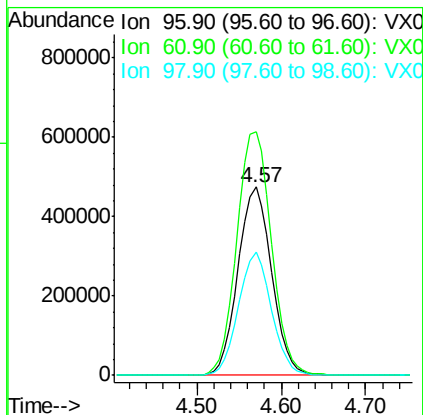
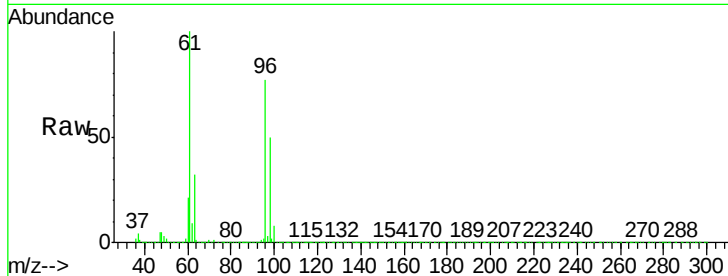


#27

cis-1,2-Dichloroethene
Concen: 101.731 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015707.D
Acq: 16 Apr 2020 13:22

Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-200408

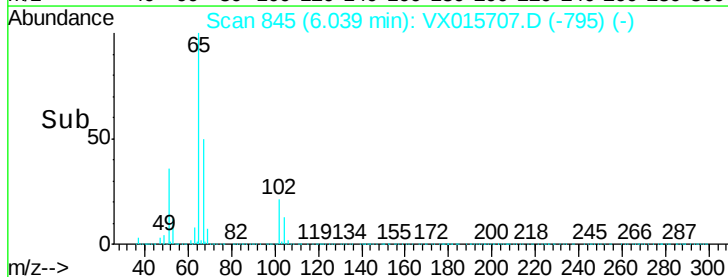
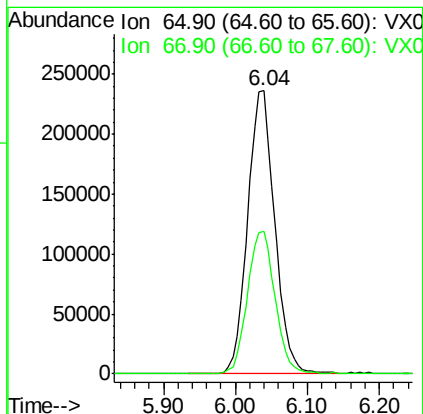
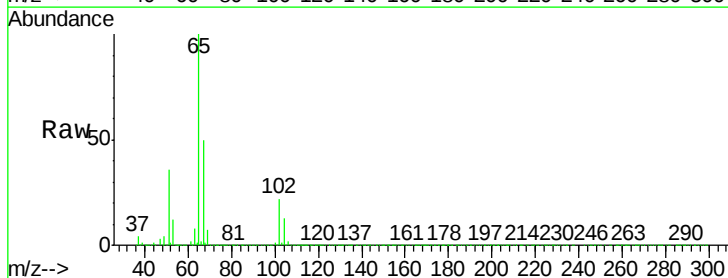
Tot Ion: 96 Resp: 1280482
Ion Ratio Lower Upper
96 100
61 133.3 0.0 308.4
98 64.1 0.0 129.2

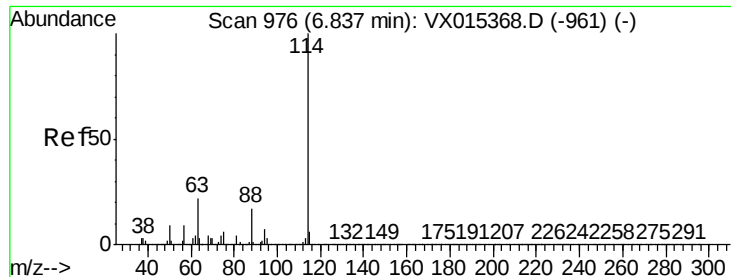


#33

1,2-Dichloroethane-d4
Concen: 42.294 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015707.D
Acq: 16 Apr 2020 13:22

Tgt Ion: 65 Resp: 619375
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-200408

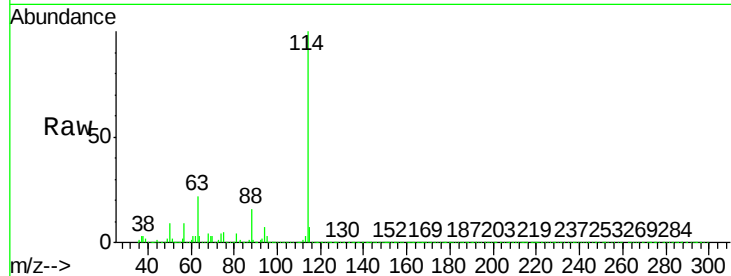
Tot Ion:114 Resp: 1577833

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

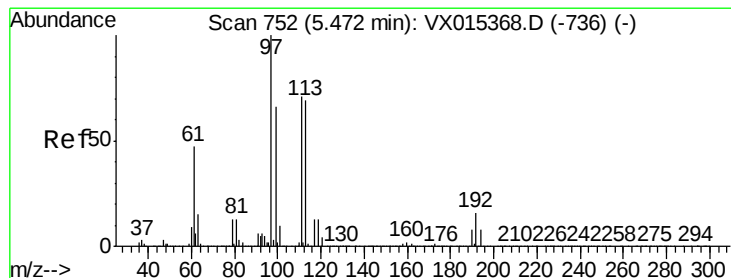
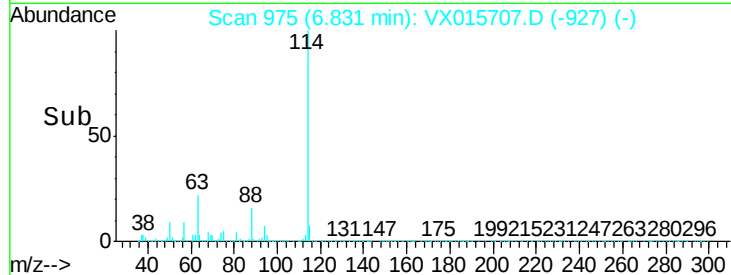
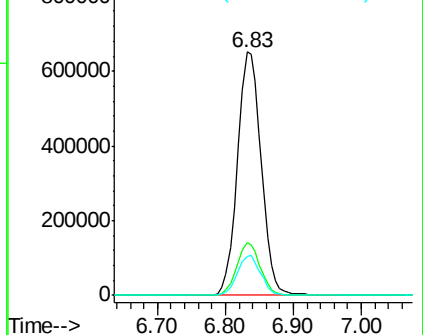
88 15.6 0.0 33.8



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: 47.722 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

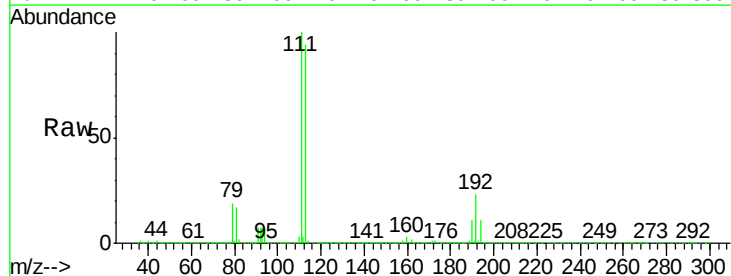
Tgt Ion:113 Resp: 481321

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

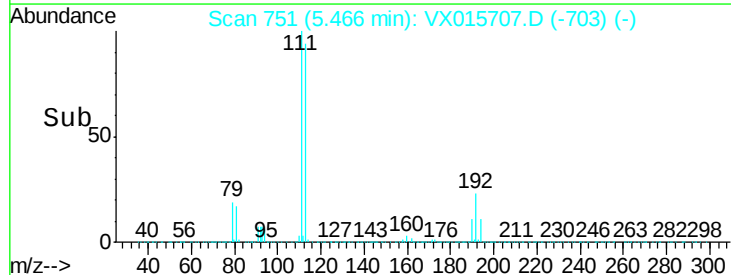
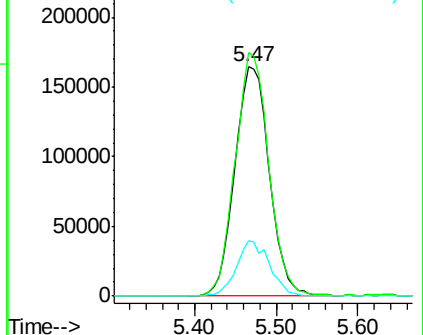
192 23.0 17.8 26.6

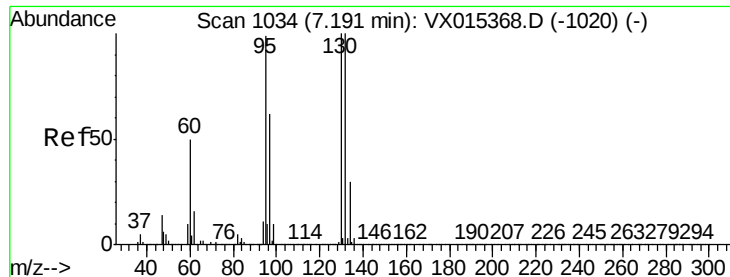


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 416.984 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

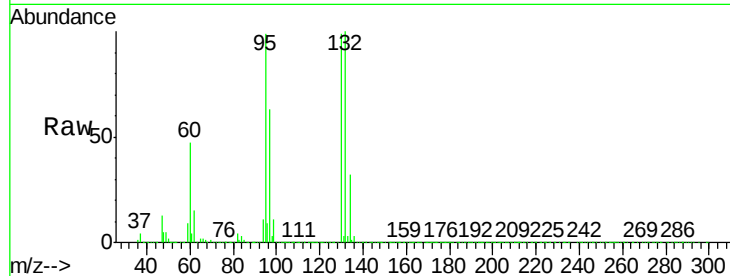
KY036MW026-200408

Tot Ion:130 Resp: 4842937

Ion Ratio Lower Upper

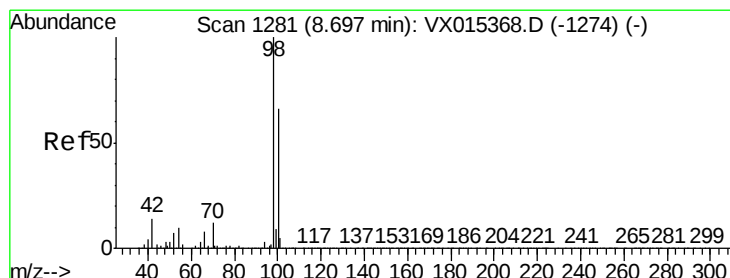
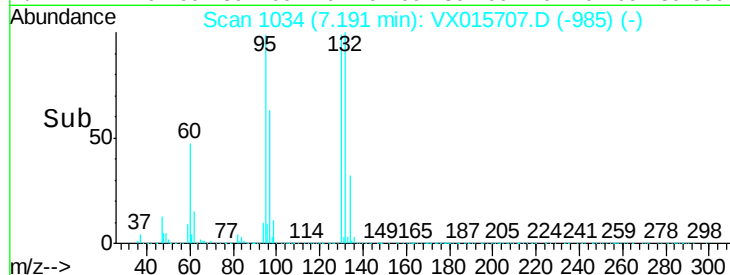
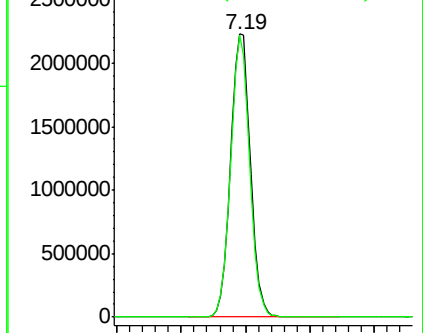
130 100

95 99.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.325 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015707.D

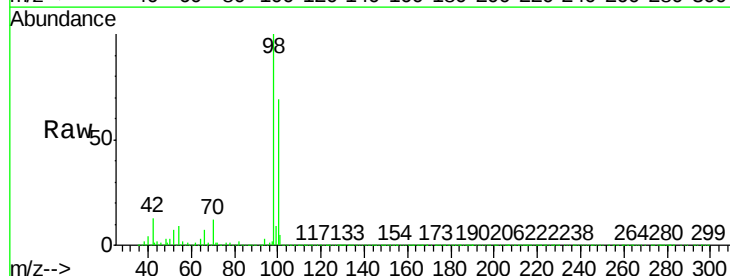
Acq: 16 Apr 2020 13:22

Tgt Ion: 98 Resp: 1868754

Ion Ratio Lower Upper

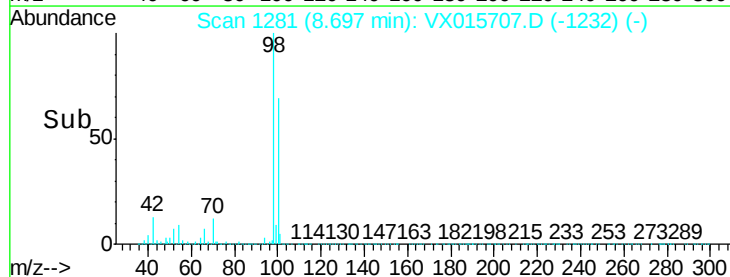
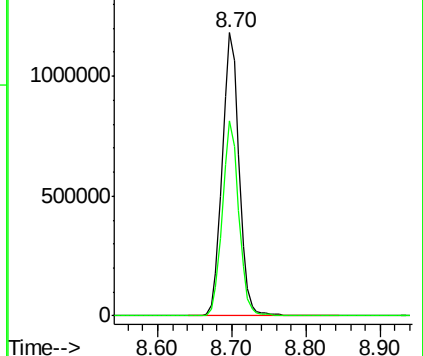
98 100

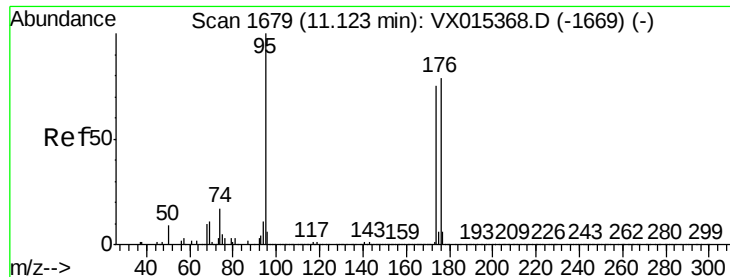
100 67.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.018 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

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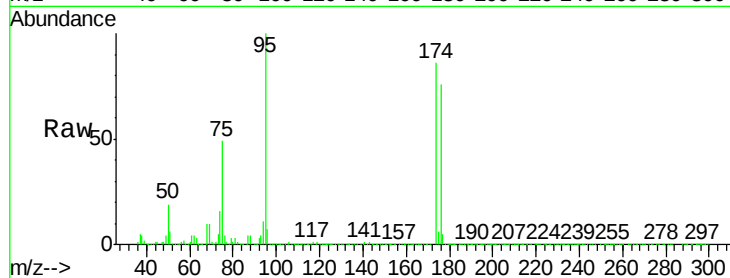
Tot Ion: 95 Resp: 754837

Ion Ratio Lower Upper

95 100

174 86.8 0.0 158.6

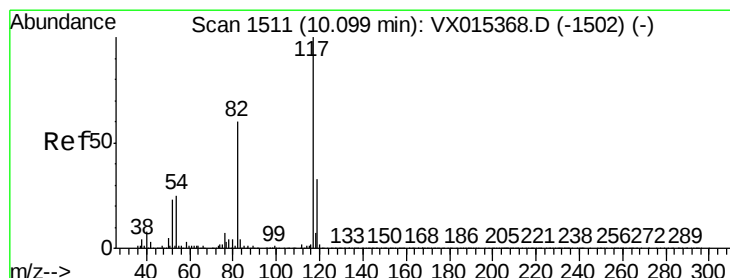
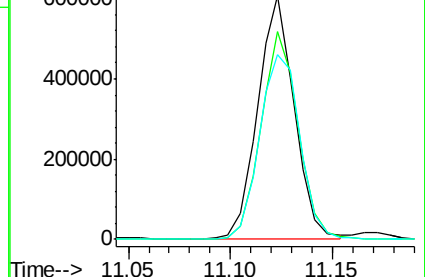
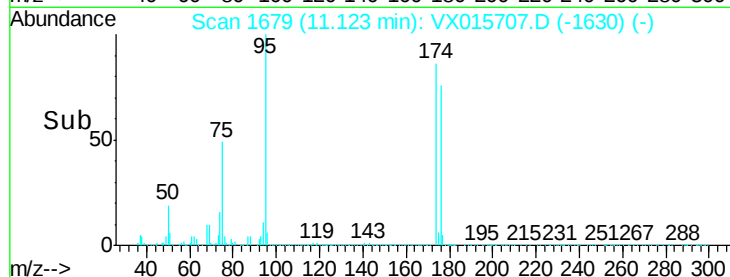
176 84.3 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015707.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015707.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015707.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

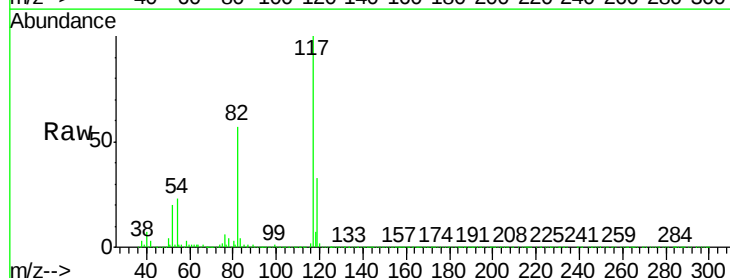
Tgt Ion: 117 Resp: 1489222

Ion Ratio Lower Upper

117 100

82 56.6 47.8 71.8

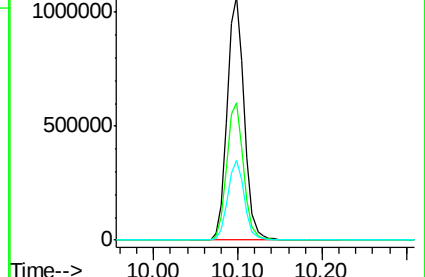
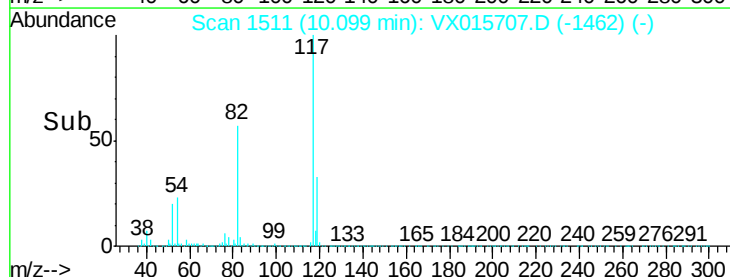
119 32.6 26.8 40.2

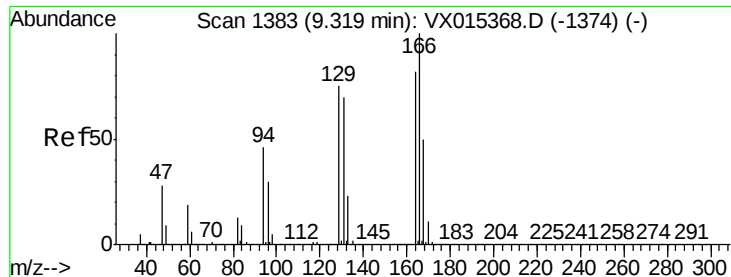


Abundance Ion 116.90 (116.60 to 117.60): VX015707.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015707.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015707.D (-1462) (-)

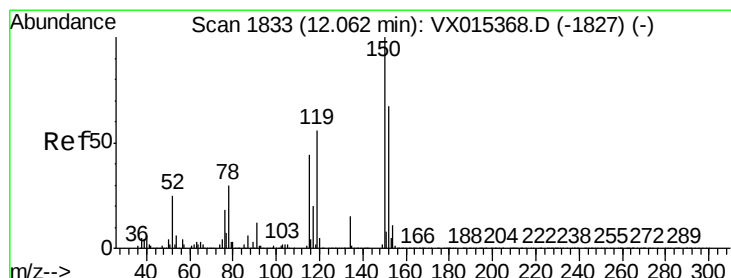
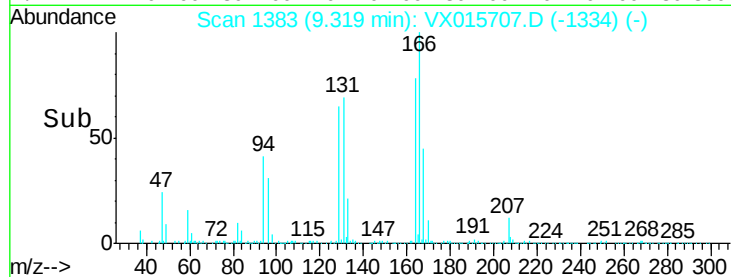
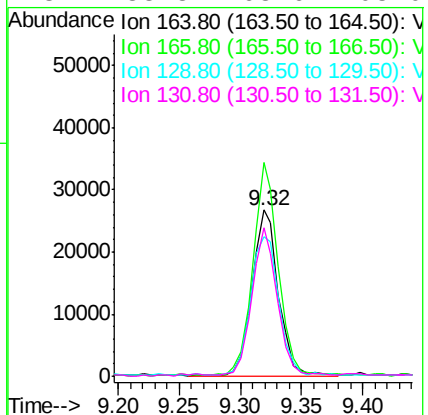
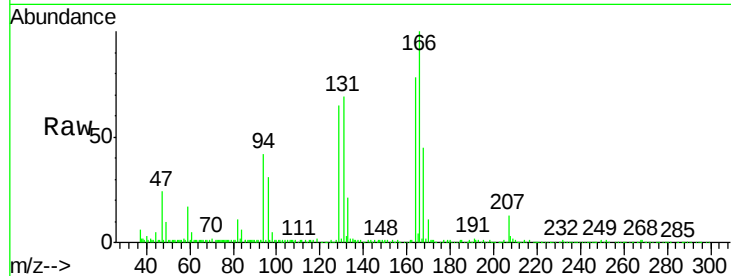




#64
Tetrachloroethene
Concen: 3.582 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015707.D
Acq: 16 Apr 2020 13:22

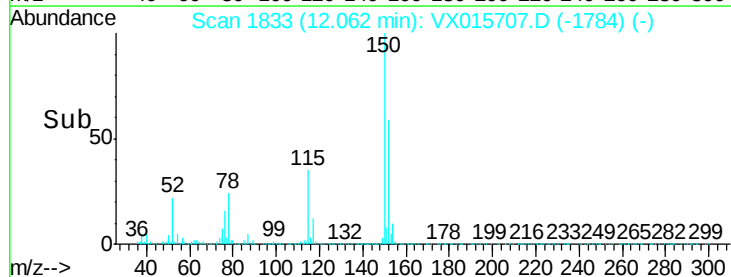
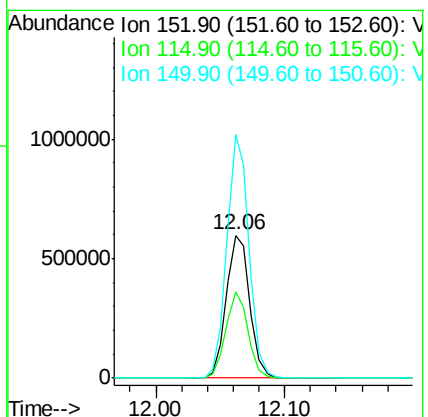
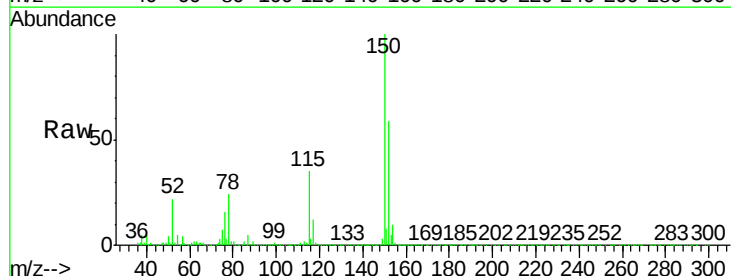
Instrument :
MSVOA_X
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KY036MW026-200408

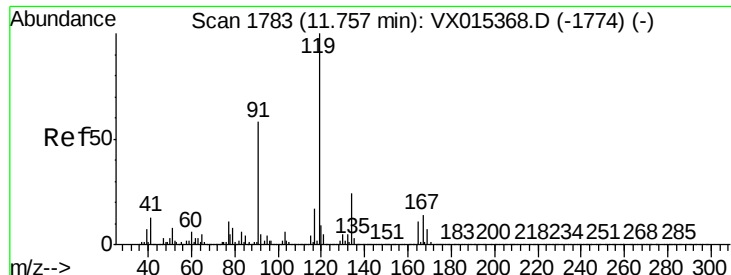
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	97.8	146.6
129	83.8	73.0	109.4
131	88.8	68.6	103.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015707.D
Acq: 16 Apr 2020 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	39.0	116.9
150	161.9	0.0	340.8





#83

tert-Butylbenzene

Concen: 0.380 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015707.D

Acq: 16 Apr 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-200408

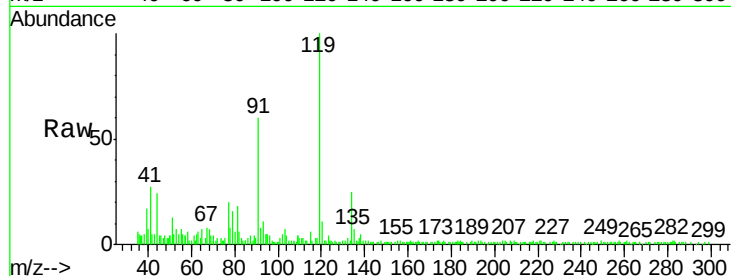
Tot Ion:119 Resp: 15834

Ion Ratio Lower Upper

119 100

91 73.2 28.6 85.8

134 28.6 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

