

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016781.D
 Acq On : 16 Jun 2020 15:52
 Operator : JC/SP
 Sample : L2993-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-200610

Quant Time: Jun 17 04:35:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	379978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	385033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	137118	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	5.47	113	115077	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	8.70	98	465197	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	11.12	95	187250	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	

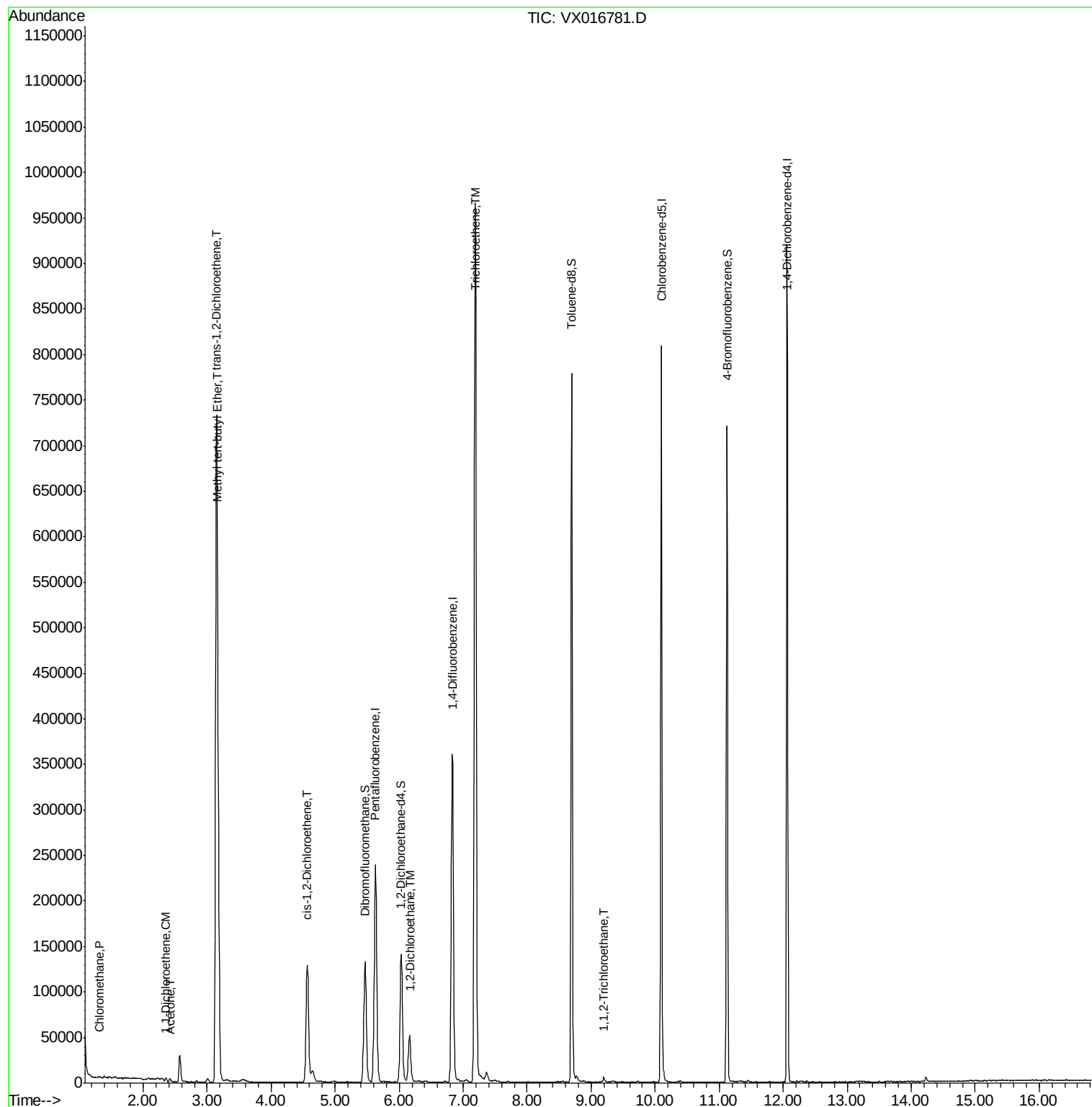
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1185	0.454	ug/l	89
12) 1,1-Dichloroethene	2.36	96	1589	0.679	ug/l #	77
16) Acetone	2.42	43	3483	2.853	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	417678	52.393	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	261786	104.151	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	88920	30.952	ug/l	89
42) 1,2-Dichloroethane	6.17	62	56862	15.238	ug/l	99
44) Trichloroethene	7.19	130	394328	124.689	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1728	0.647	ug/l	97

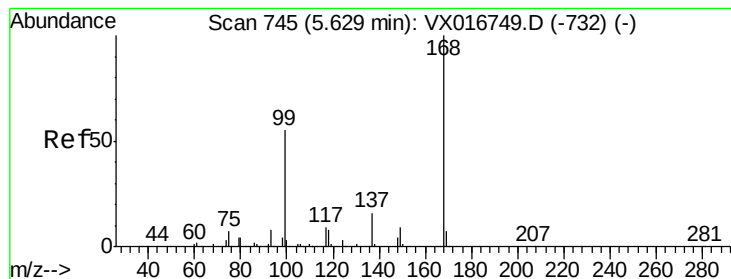
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

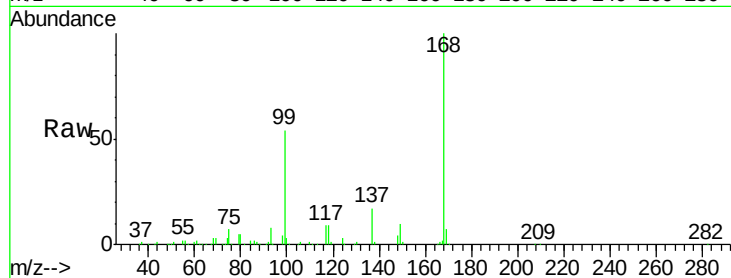
KY024MW068-200610

Tot Ion:168 Resp: 239313

Ion Ratio Lower Upper

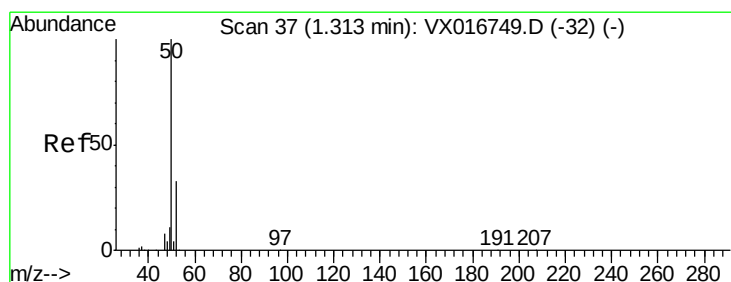
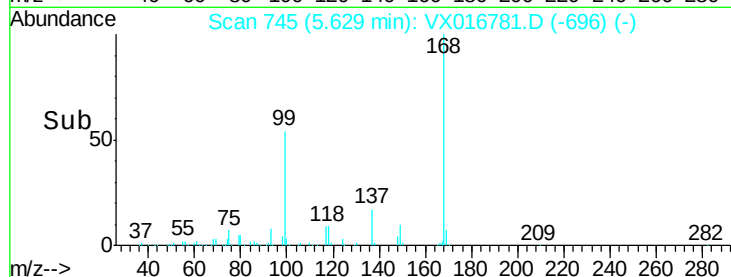
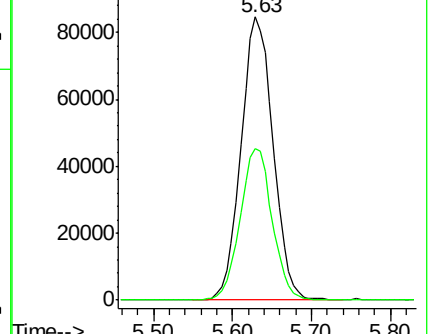
168 100

99 53.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.454 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016781.D

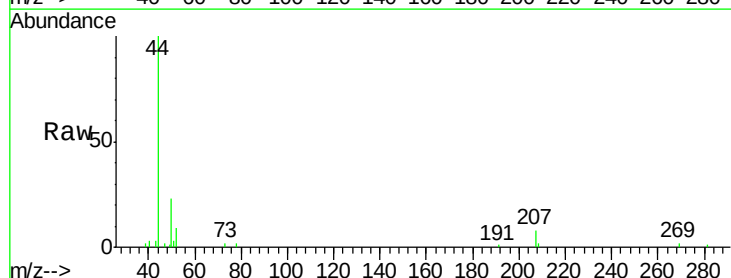
Acq: 16 Jun 2020 15:52

Tgt Ion: 50 Resp: 1185

Ion Ratio Lower Upper

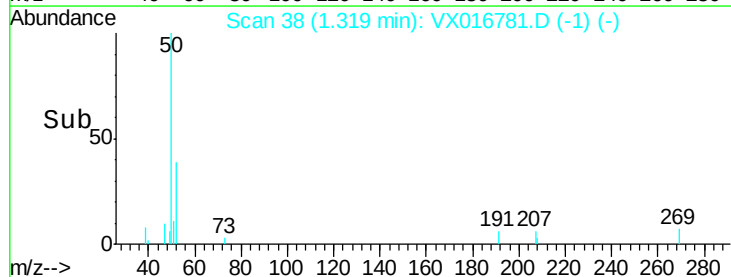
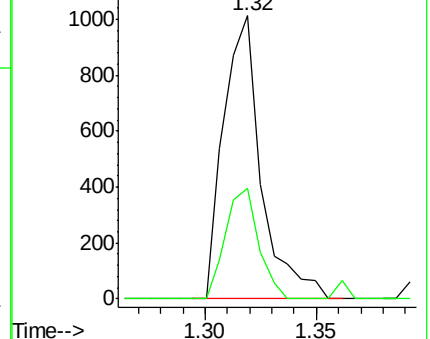
50 100

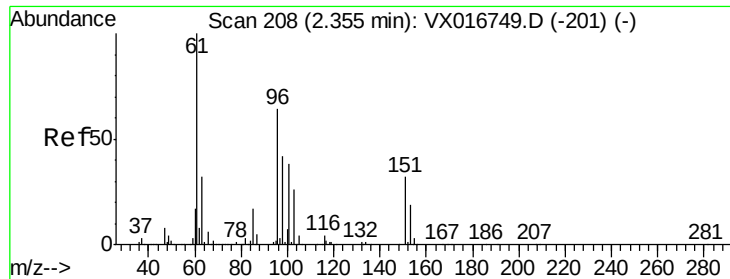
52 39.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

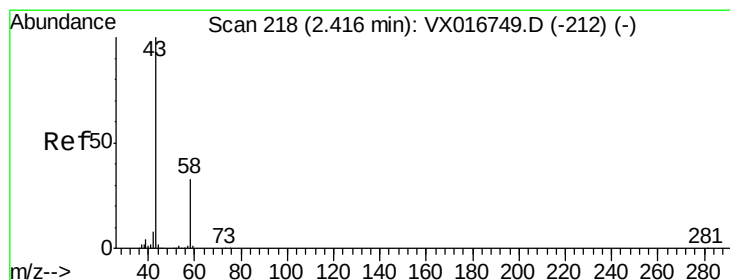
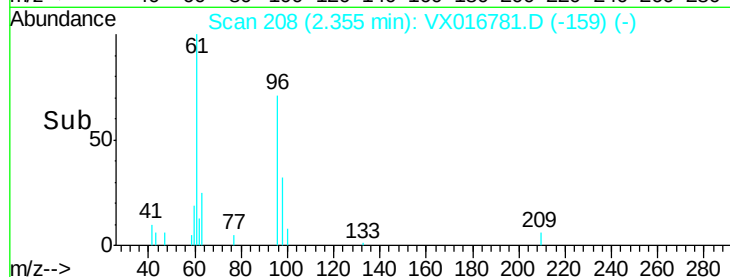
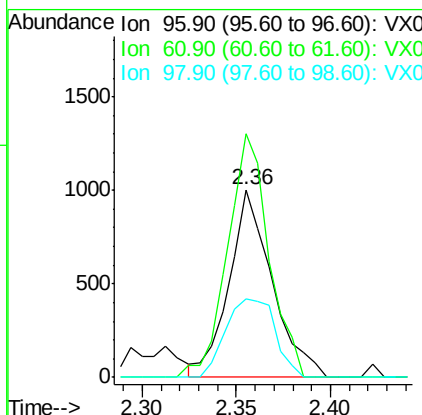
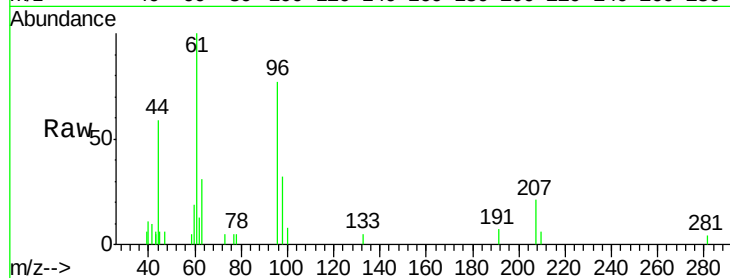




#12
 1,1-Dichloroethene
 Concen: 0.679 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

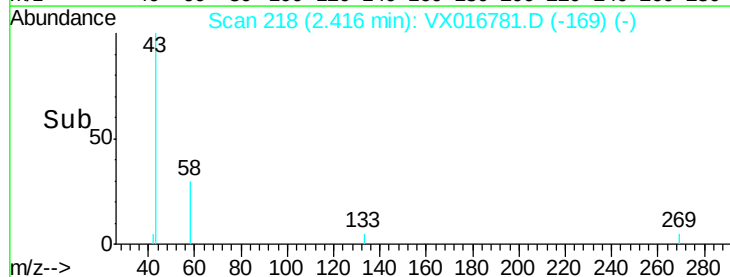
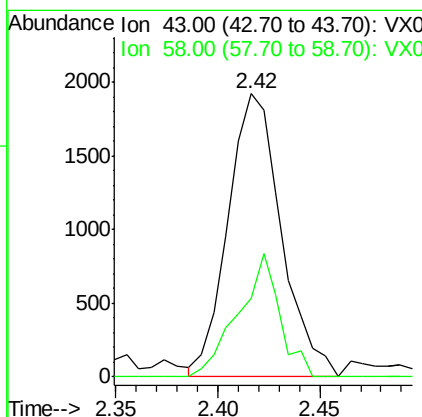
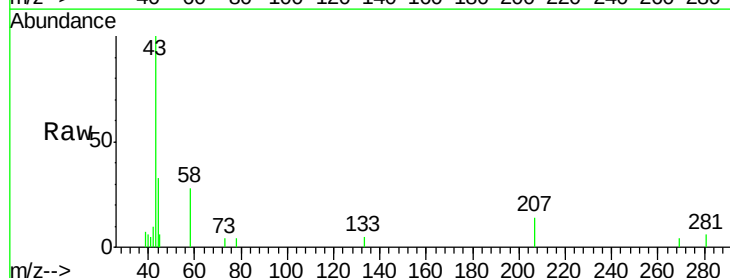
Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-200610

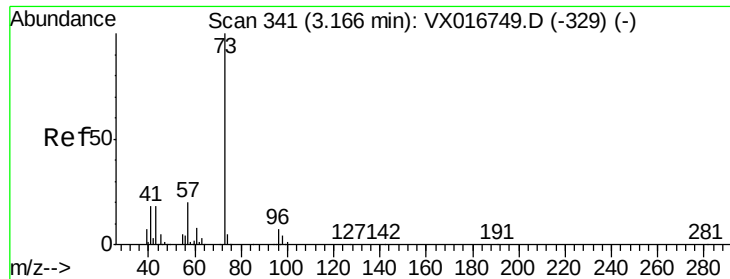
Tot Ion: 96 Resp: 1589
 Ion Ratio Lower Upper
 96 100
 61 129.6 124.1 186.1
 98 41.9 52.7 79.1#



#16
 Acetone
 Concen: 2.853 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

Tgt Ion: 43 Resp: 3483
 Ion Ratio Lower Upper
 43 100
 58 27.6 26.3 39.5



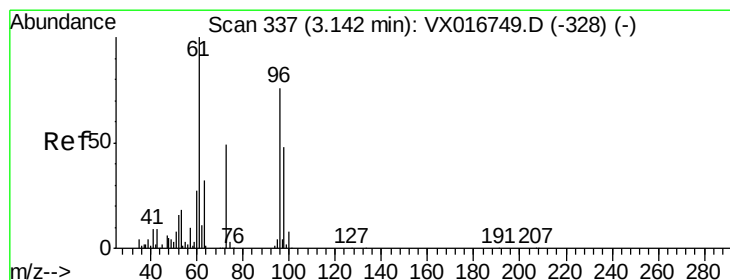
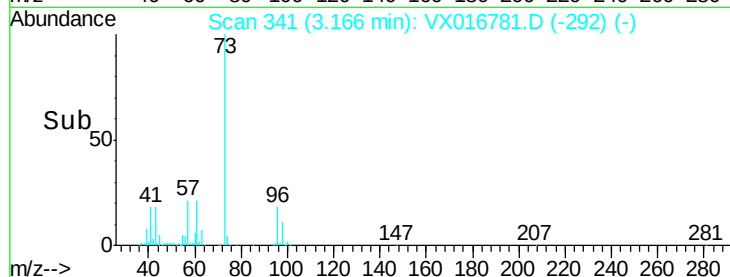
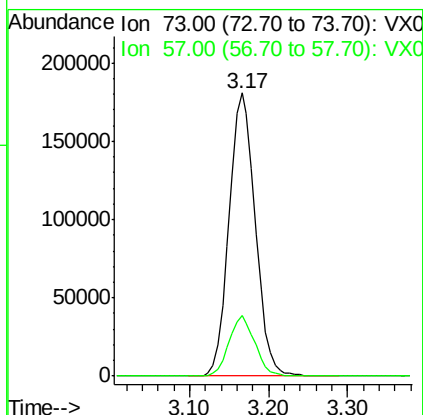
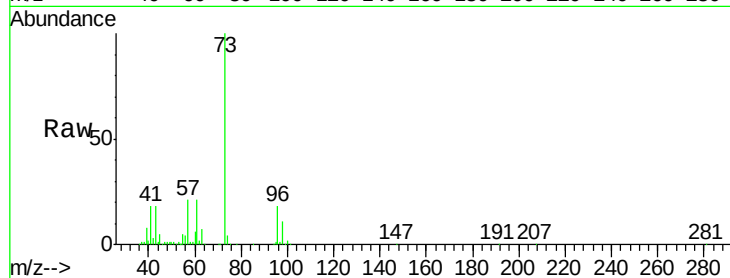


#19

Methyl tert-butyl Ether
 Concen: 52.393 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-200610

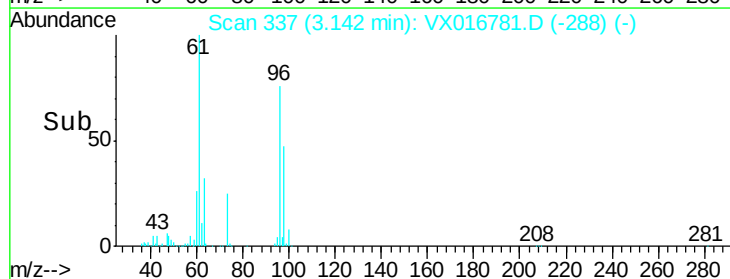
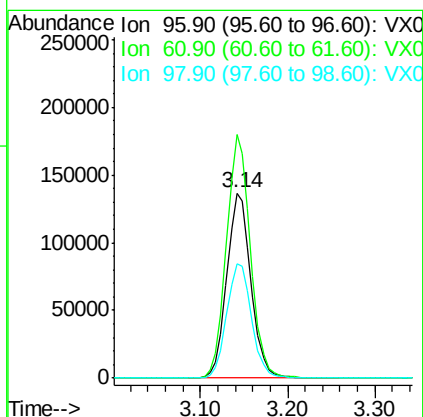
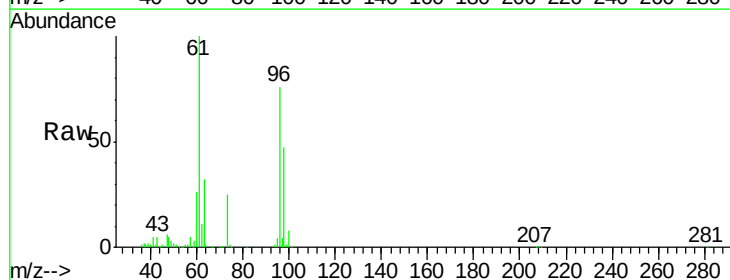
Tot Ion: 73 Resp: 417678
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.2 24.4

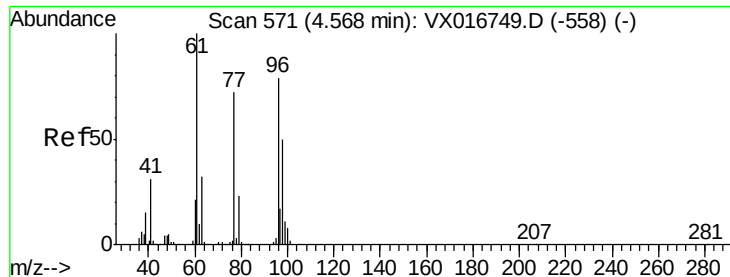


#21

trans-1,2-Dichloroethene
 Concen: 104.151 ug/l
 RT: 3.14 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

Tgt Ion: 96 Resp: 261786
 Ion Ratio Lower Upper
 96 100
 61 131.7 105.4 158.2
 98 62.1 50.8 76.2



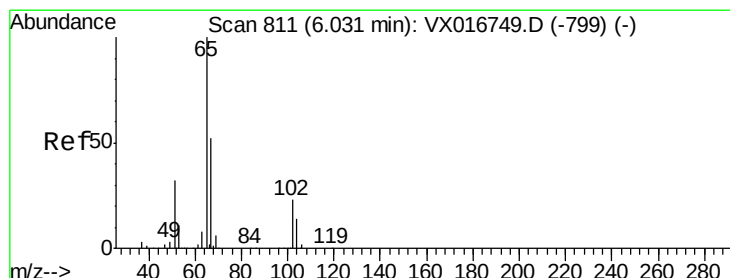
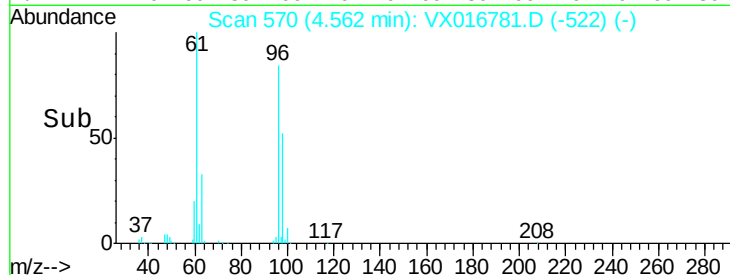
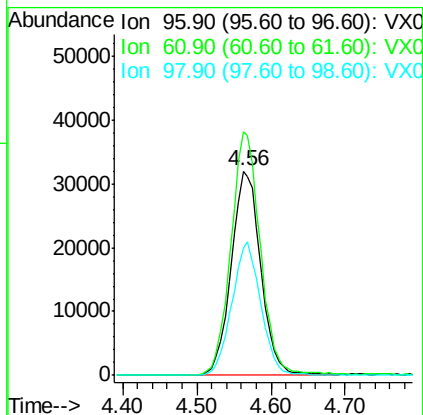
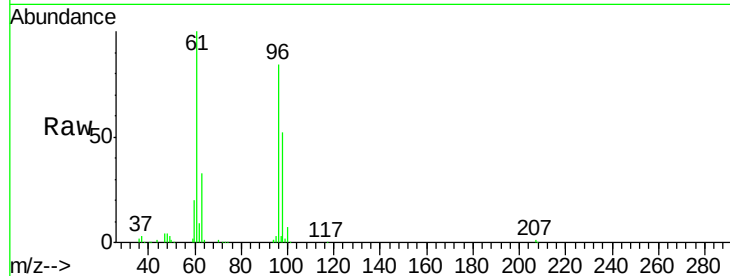


#27

cis-1,2-Dichloroethene
 Concen: 30.952 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 KY024MW068-200610

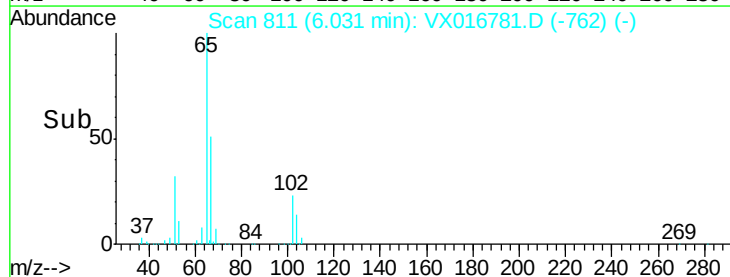
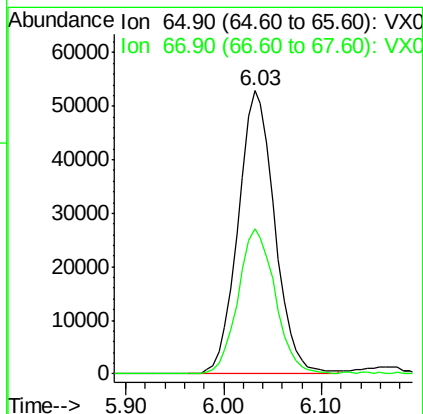
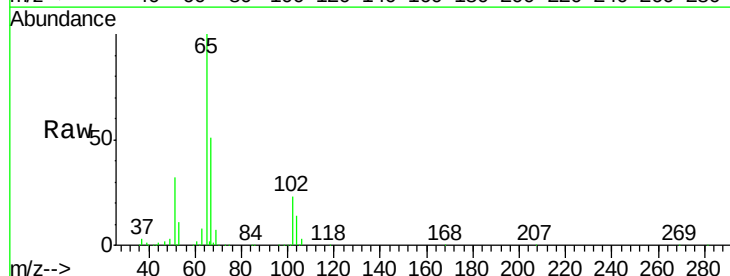
Tot Ion	96	Resp	88920
Ion	Ratio	Lower	Upper
96	100		
61	119.3	0.0	276.2
98	63.8	0.0	130.0

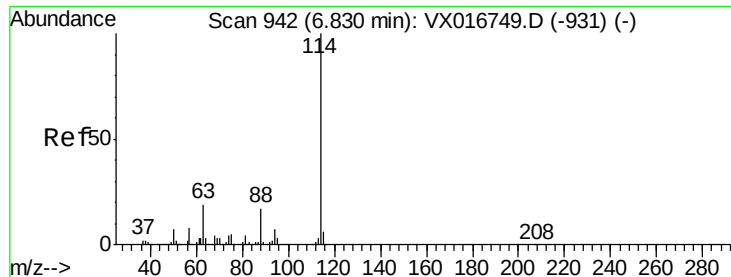


#33

1,2-Dichloroethane-d4
 Concen: 50.940 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016781.D
 Acq: 16 Jun 2020 15:52

Tgt Ion	65	Resp	137118
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

KY024MW068-200610

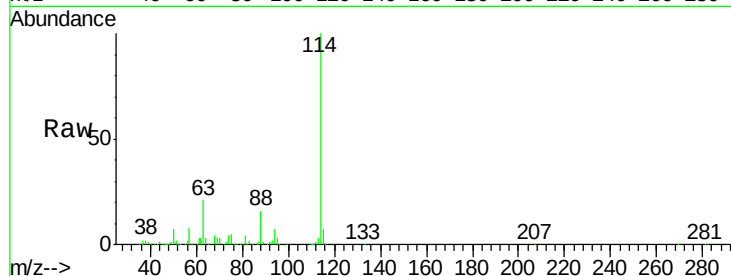
Tot Ion:114 Resp: 379978

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

88 16.1 0.0 33.4



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

200000

150000

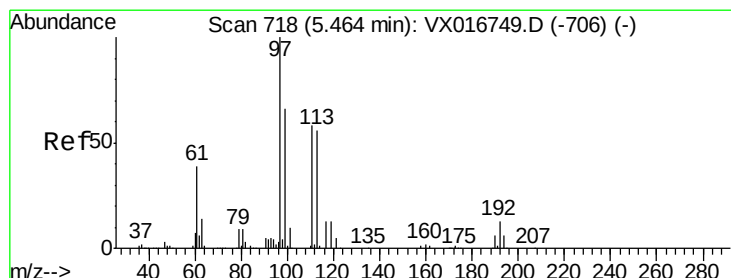
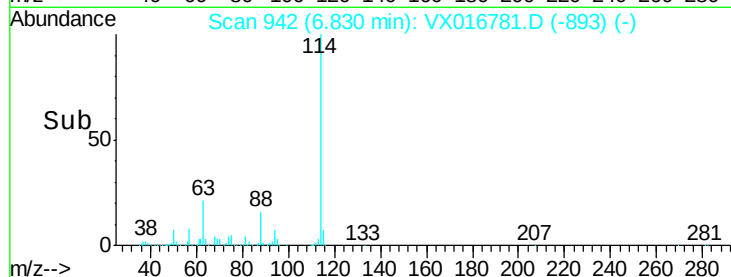
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.086 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

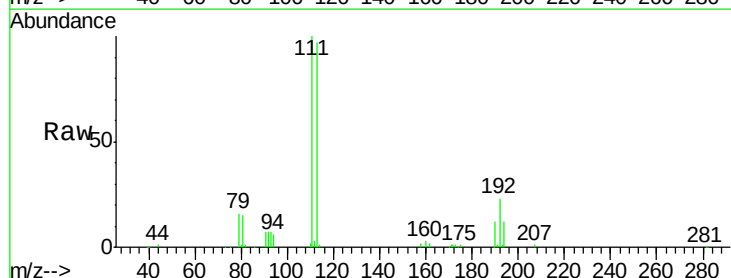
Tgt Ion:113 Resp: 115077

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 23.6 18.2 27.4



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

50000

40000

30000

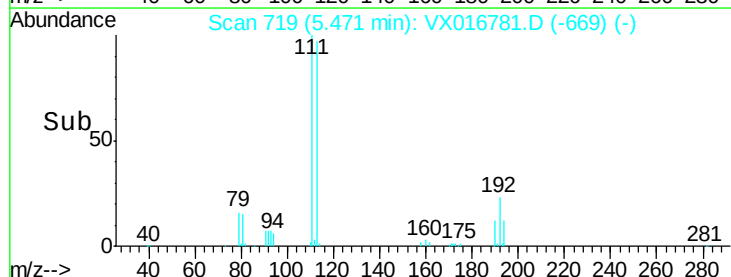
20000

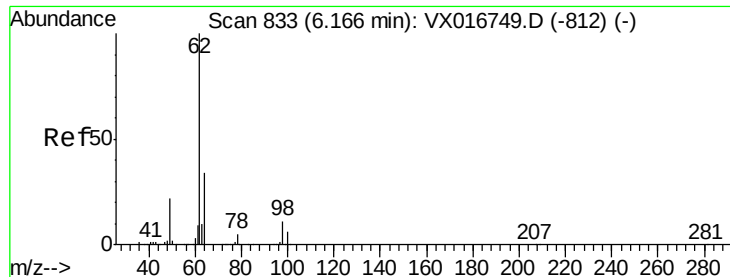
10000

0

5.30 5.40 5.50 5.60

Time-->





#42

1,2-Dichloroethane

Concen: 15.238 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

Instrument :

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ClientSampleId :

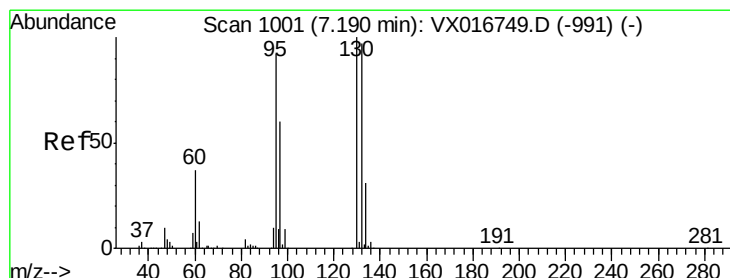
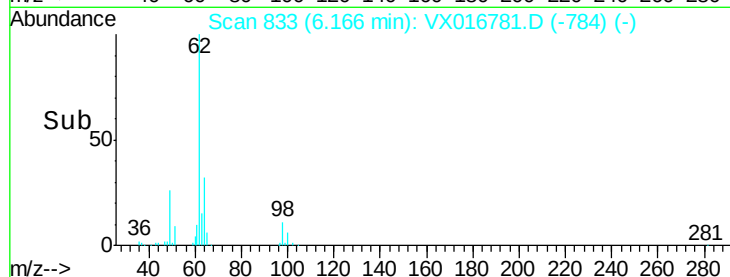
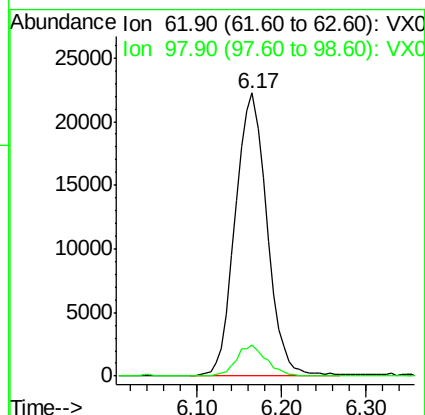
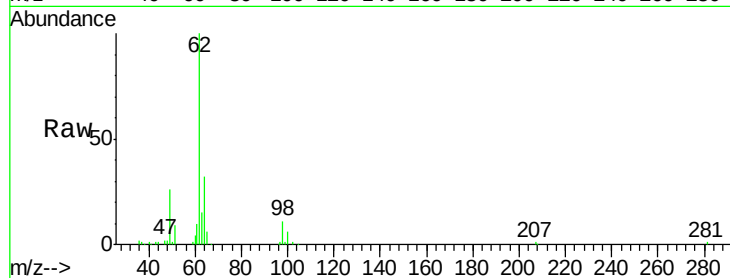
KY024MW068-200610

Tot Ion: 62 Resp: 56862

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.2



#44

Trichloroethene

Concen: 124.689 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016781.D

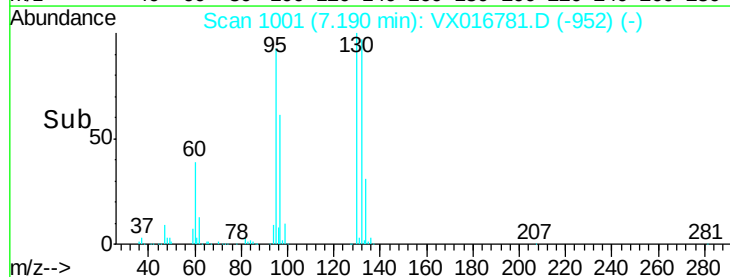
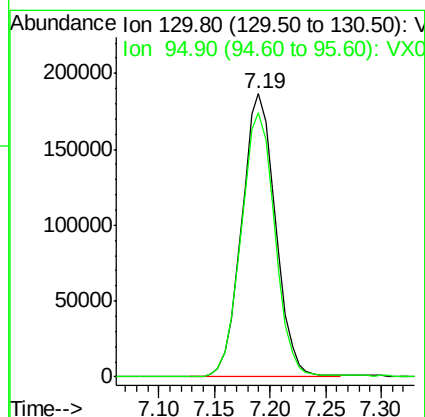
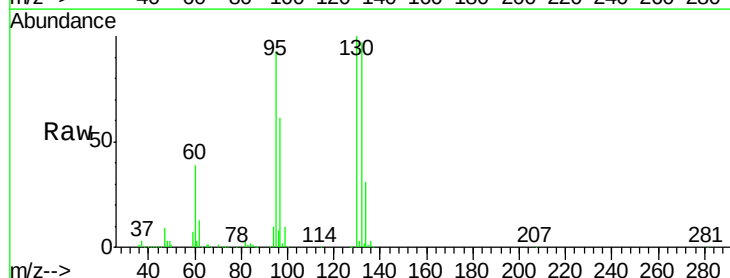
Acq: 16 Jun 2020 15:52

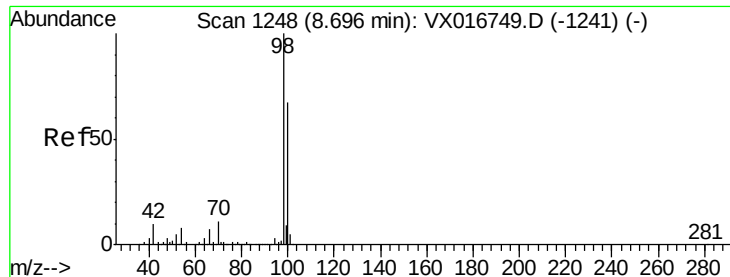
Tgt Ion:130 Resp: 394328

Ion Ratio Lower Upper

130 100

95 93.3 0.0 183.6

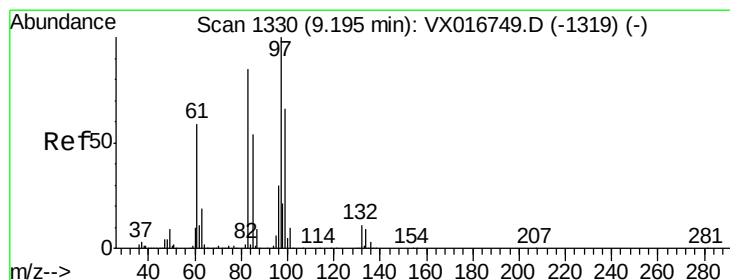
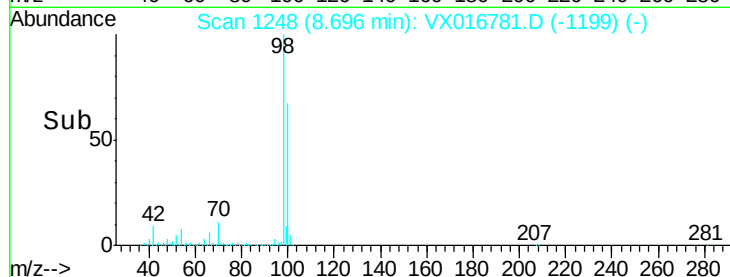
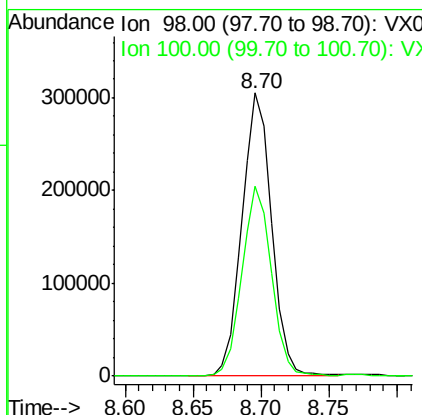
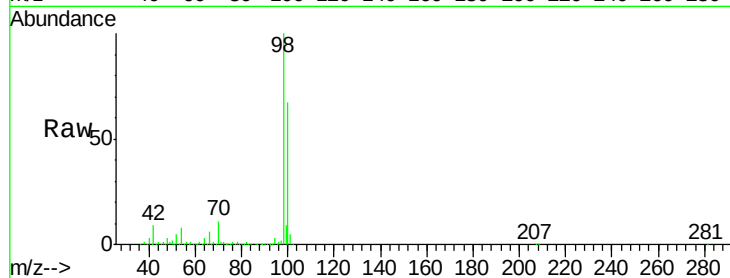




#50
Toluene-d8
Concen: 53.815 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016781.D
Acq: 16 Jun 2020 15:52

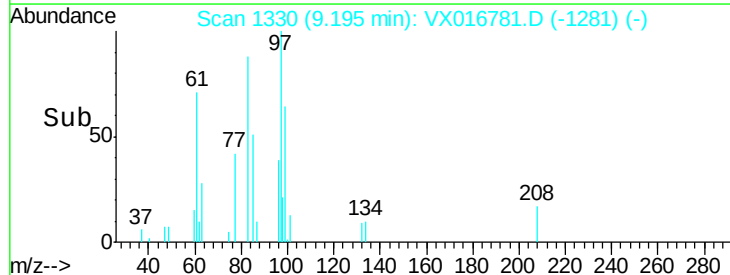
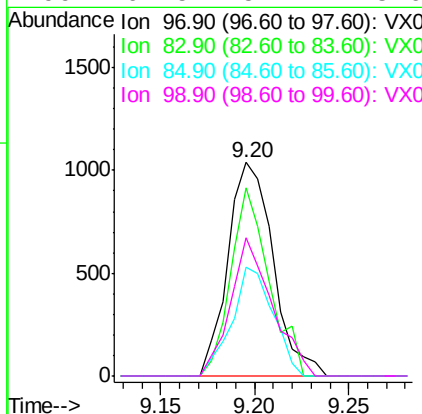
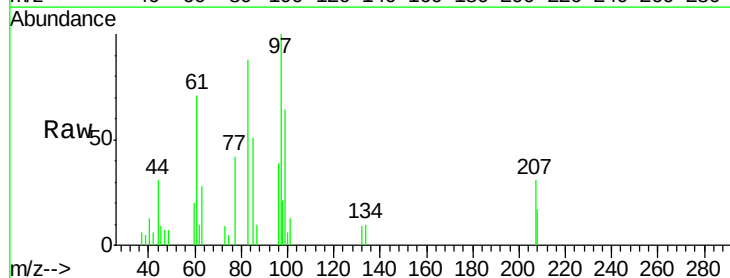
Instrument :
MSVOA_X
ClientSampleId :
KY024MW068-200610

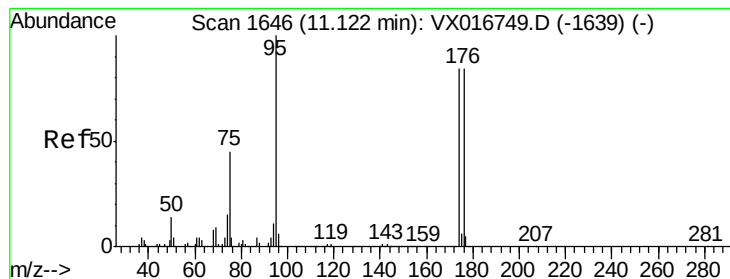
Tot Ion: 98 Resp: 465197
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#55
1,1,2-Trichloroethane
Concen: 0.647 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX016781.D
Acq: 16 Jun 2020 15:52

Tgt Ion: 97 Resp: 1728
Ion Ratio Lower Upper
97 100
83 88.3 68.3 102.5
85 51.1 43.5 65.3
99 64.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 56.631 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

KY024MW068-200610

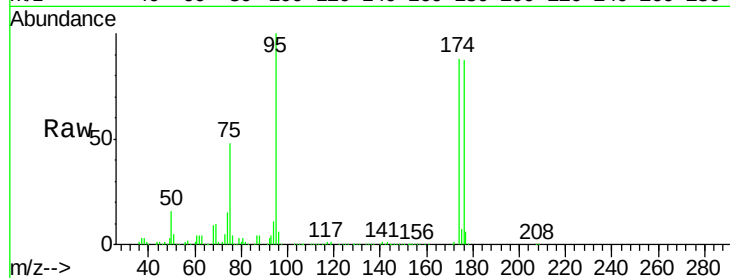
Tot Ion: 95 Resp: 187250

Ion Ratio Lower Upper

95 100

174 88.9 0.0 171.0

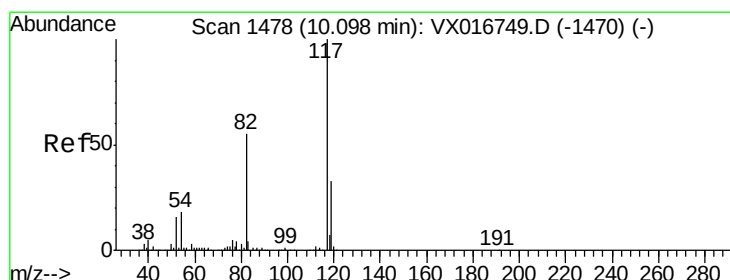
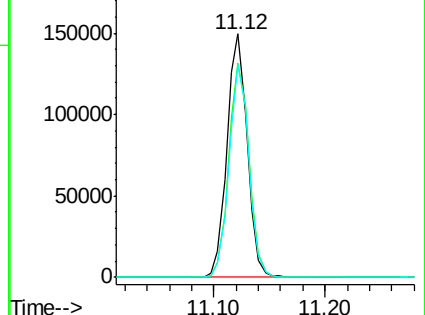
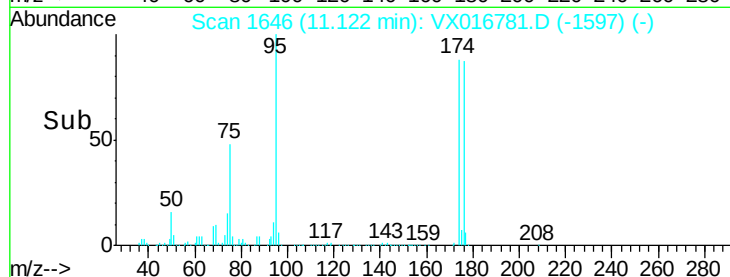
176 85.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX016781.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016781.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016781.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

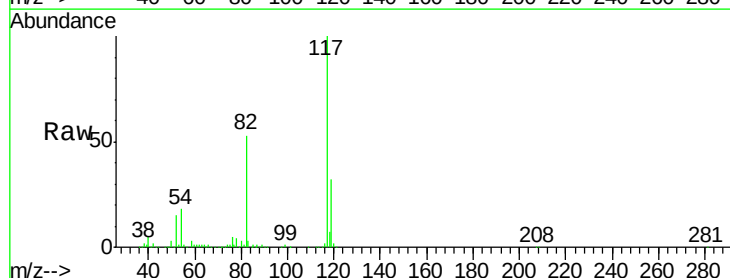
Tgt Ion: 117 Resp: 385033

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.6

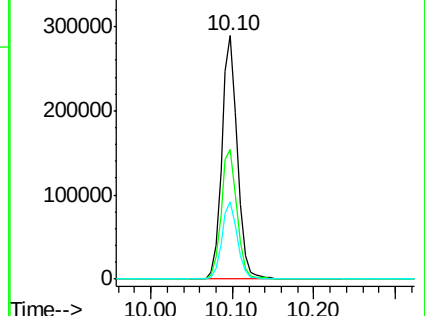
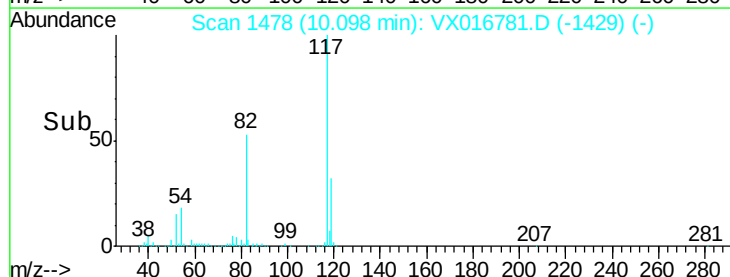
119 31.7 26.2 39.4

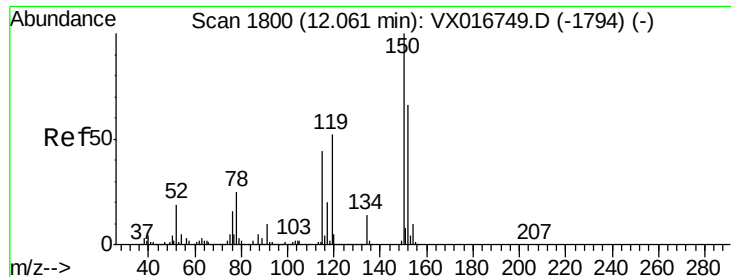


Abundance Ion 116.90 (116.60 to 117.60): VX016781.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016781.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016781.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016781.D

Acq: 16 Jun 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

KY024MW068-200610

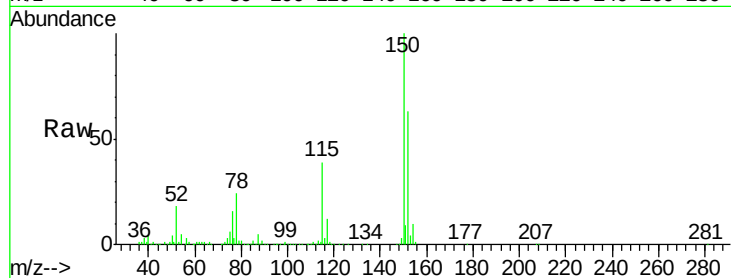
Tot Ion:152 Resp: 199785

Ion Ratio Lower Upper

152 100

115 57.0 40.3 120.8

150 153.2 0.0 337.4



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

