

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015772.D
 Acq On : 20 Apr 2020 17:43
 Operator : JC/SP
 Sample : L2341-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIS-WASH-1

Quant Time: Apr 21 08:34:22 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	5.64	168	1050780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1625074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1580603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	634056	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	
35) Dibromofluoromethane	5.47	113	507532	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.70	98	1936765	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.12	95	824692	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

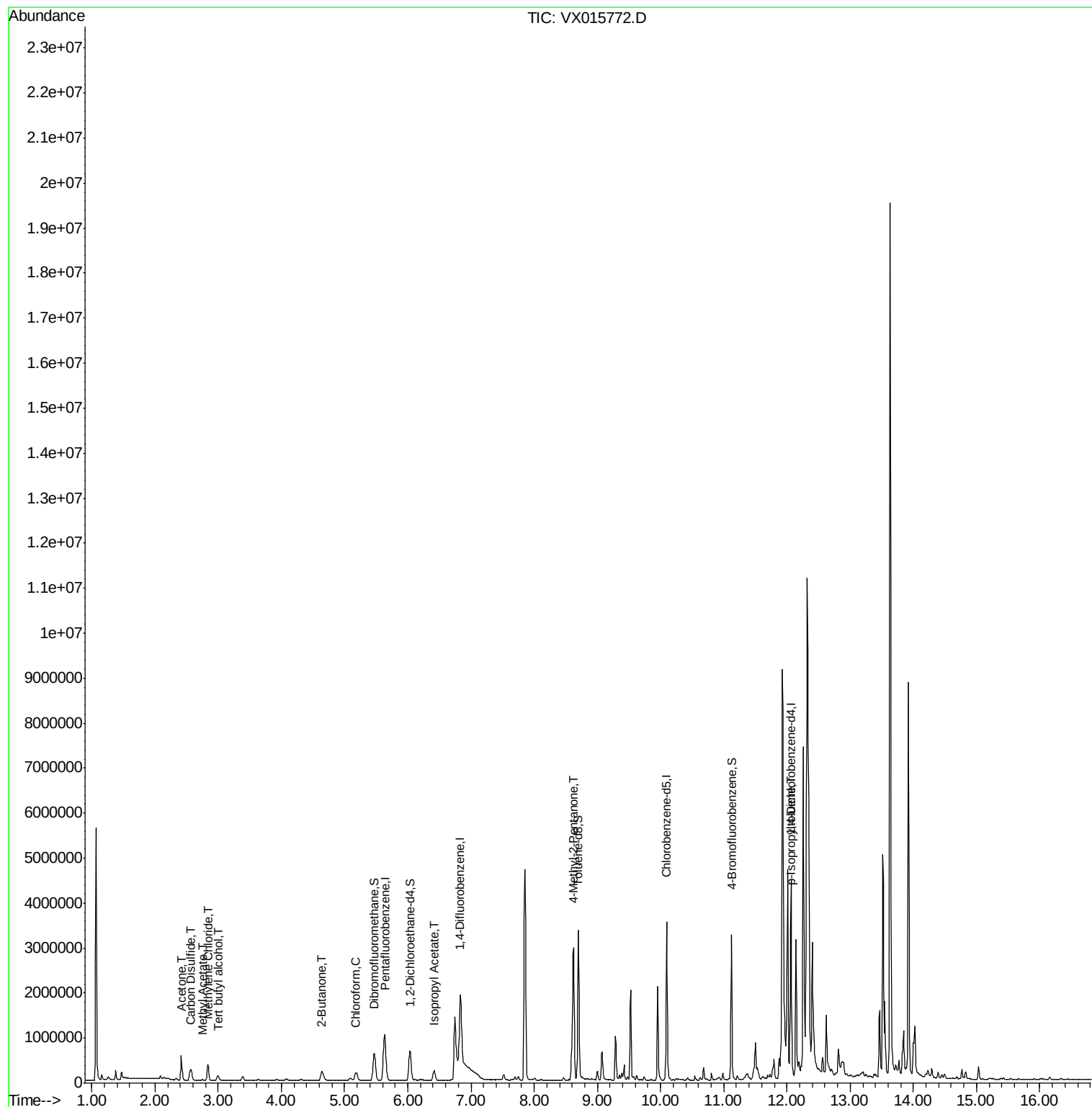
						Qvalue
11) Tert butyl alcohol	3.00	59	80131	22.589	ug/l	# 76
16) Acetone	2.42	43	567343	89.106	ug/l	98
17) Carbon Disulfide	2.55	76	237863	7.860	ug/l	100
18) Methyl Acetate	2.75	43	22448	1.381	ug/l	98
20) Methylene Chloride	2.84	84	157459	13.240	ug/l	97
25) 2-Butanone	4.64	43	236197	23.067	ug/l	100
30) Chloroform	5.19	83	212295	10.203	ug/l	98
43) Isopropyl Acetate	6.42	43	309408	9.401	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1977389	106.016	ug/l	95
86) p-Isopropyltoluene	12.05	119	248101	4.793	ug/l	97

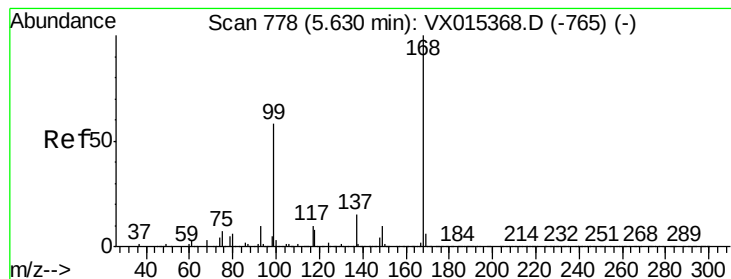
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

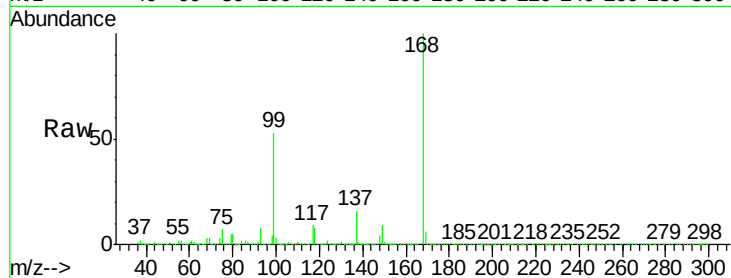
CHASSIS-WASH-1

Tot Ion:168 Resp: 1050780

Ion Ratio Lower Upper

168 100

99 52.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

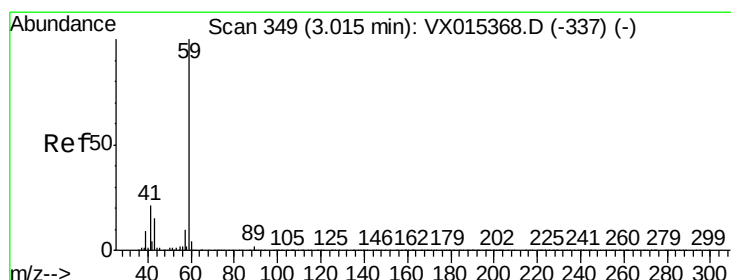
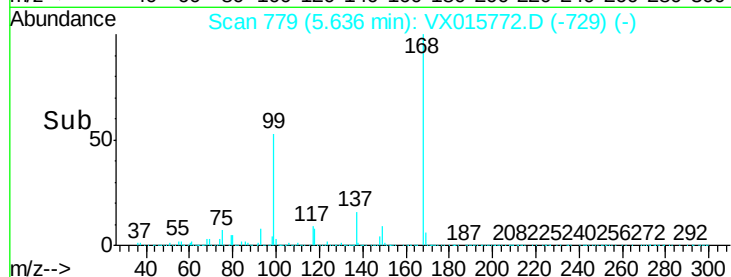
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 22.589 ug/l

RT: 3.00 min Scan# 346

Delta R.T. -0.02 min

Lab File: VX015772.D

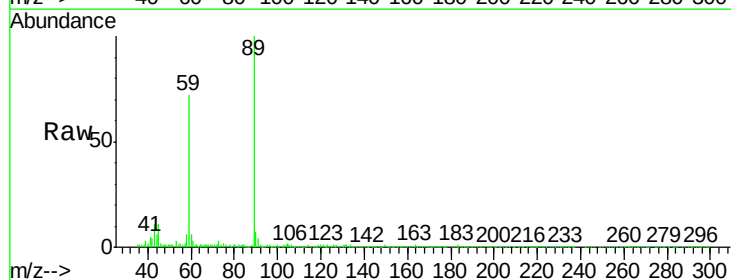
Acq: 20 Apr 2020 17:43

Tgt Ion: 59 Resp: 80131

Ion Ratio Lower Upper

59 100

57 1.1 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

40000

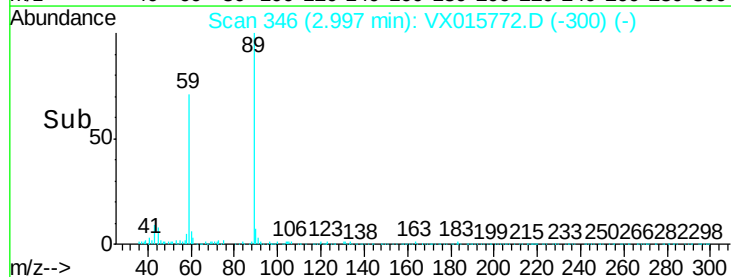
30000

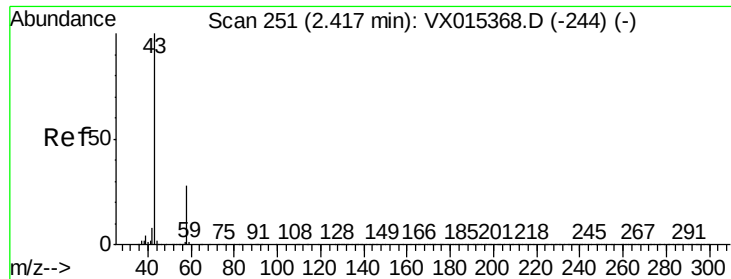
20000

10000

0

Time-->

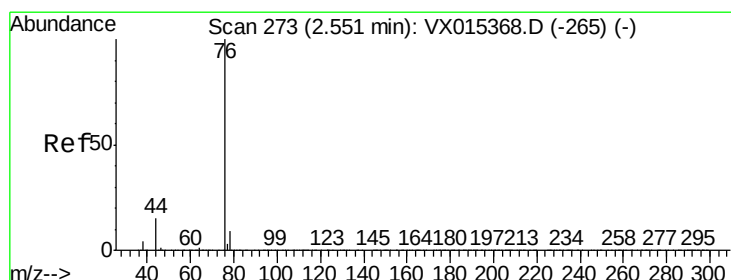
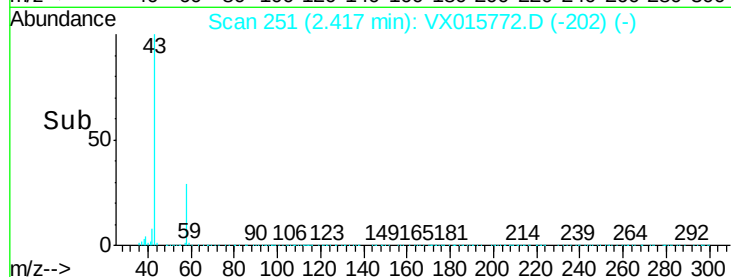
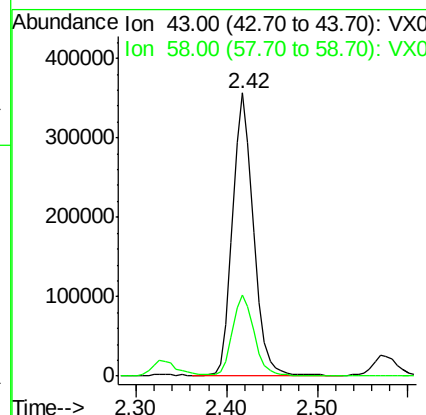
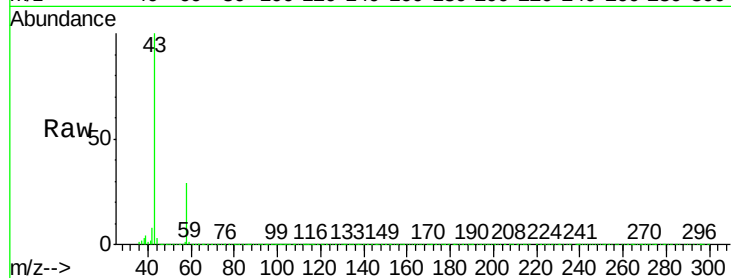




#16
Acetone
Concen: 89.106 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

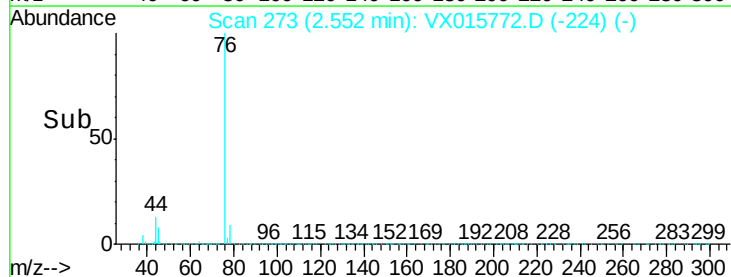
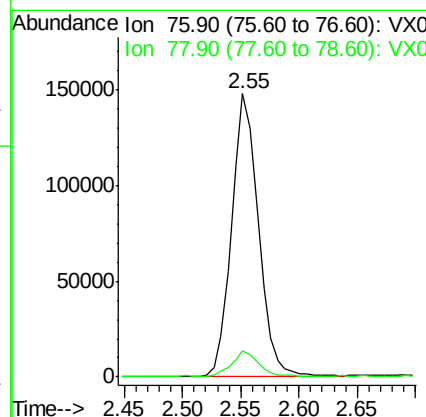
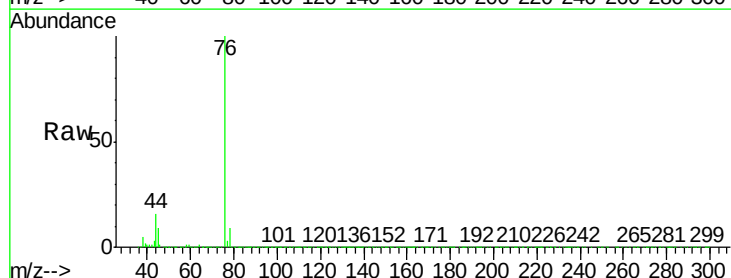
Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-1

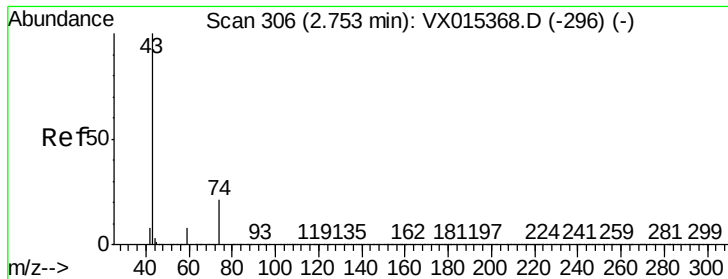
Tot Ion: 43 Resp: 567343
Ion Ratio Lower Upper
43 100
58 28.6 22.1 33.1



#17
Carbon Disulfide
Concen: 7.860 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

Tgt Ion: 76 Resp: 237863
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#18

Methyl Acetate

Concen: 1.381 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

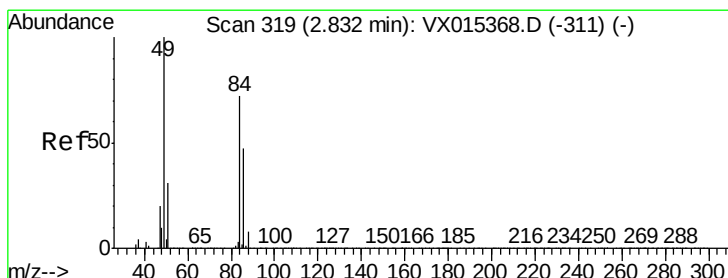
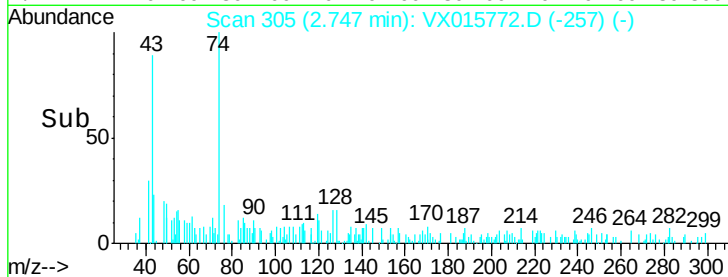
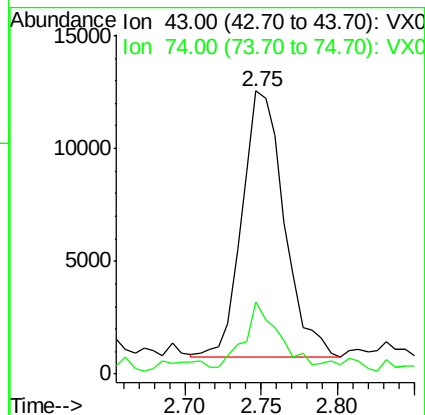
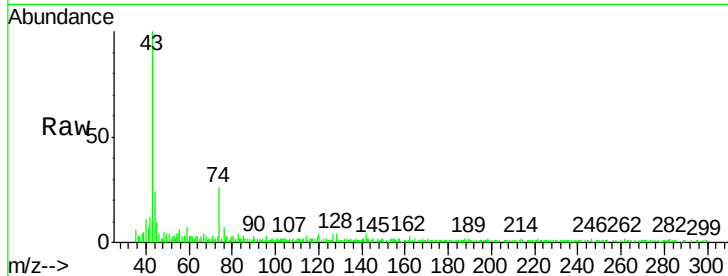
CHASSIS-WASH-1

Tot Ion: 43 Resp: 22448

Ion Ratio Lower Upper

43 100

74 19.5 16.5 24.7



#20

Methylene Chloride

Concen: 13.240 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Tgt Ion: 84 Resp: 157459

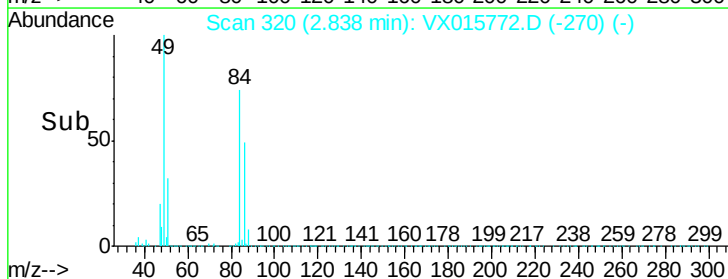
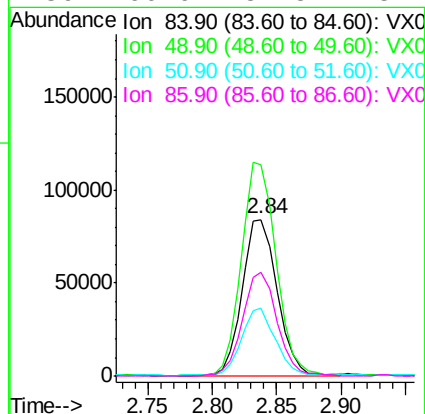
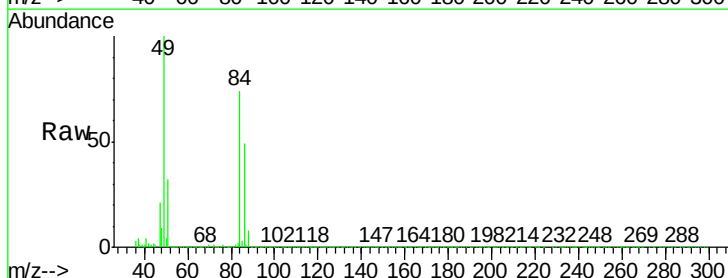
Ion Ratio Lower Upper

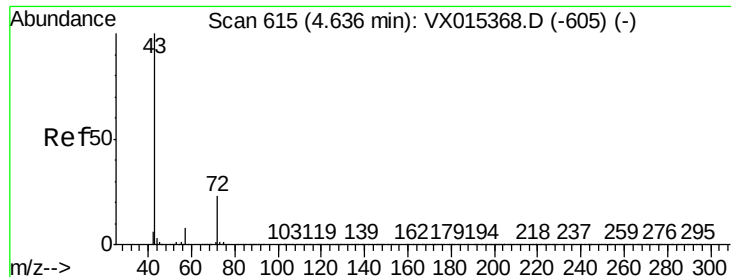
84 100

49 134.5 111.3 166.9

51 42.8 34.0 51.0

86 66.6 52.5 78.7





#25

2-Butanone

Concen: 23.067 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

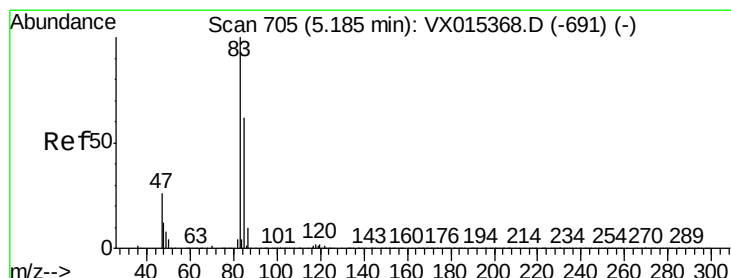
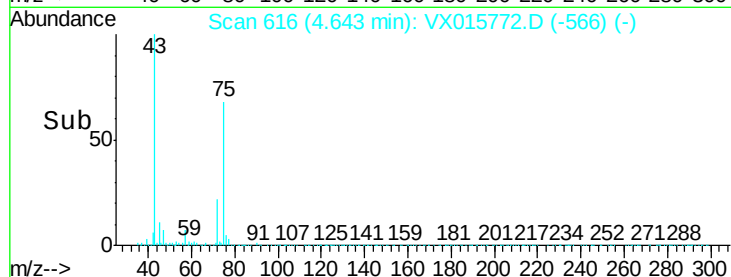
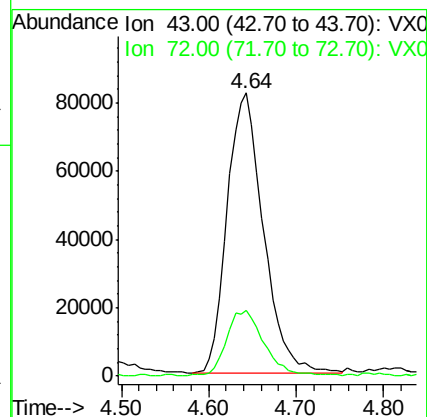
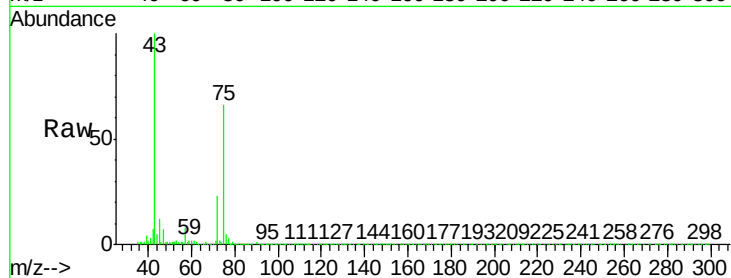
CHASSIS-WASH-1

Tot Ion: 43 Resp: 236197

Ion Ratio Lower Upper

43 100

72 23.6 19.0 28.4



#30

Chloroform

Concen: 10.203 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015772.D

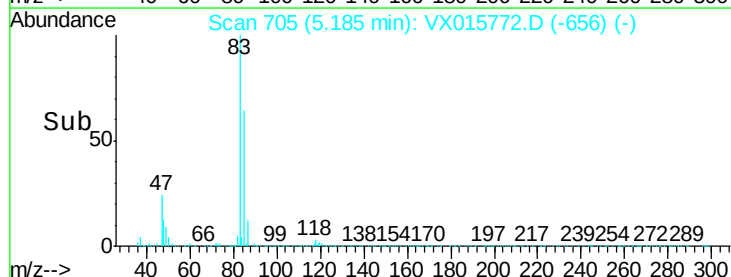
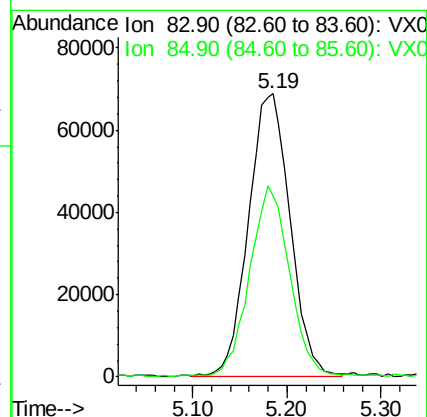
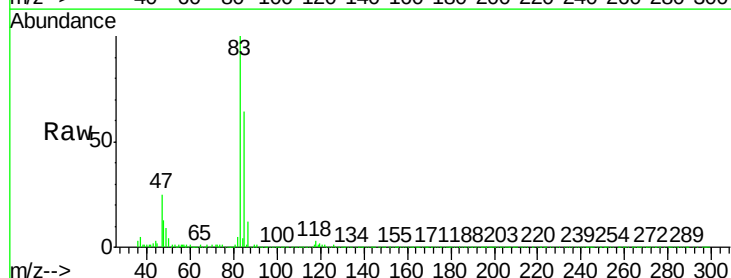
Acq: 20 Apr 2020 17:43

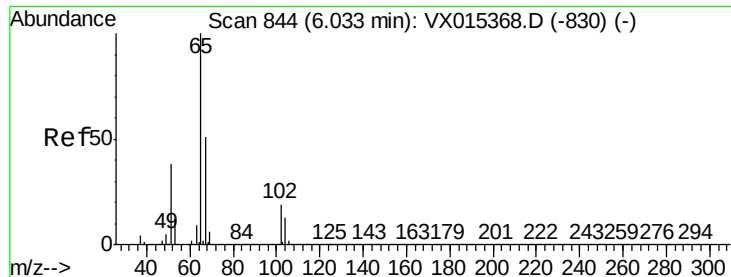
Tgt Ion: 83 Resp: 212295

Ion Ratio Lower Upper

83 100

85 63.4 49.5 74.3

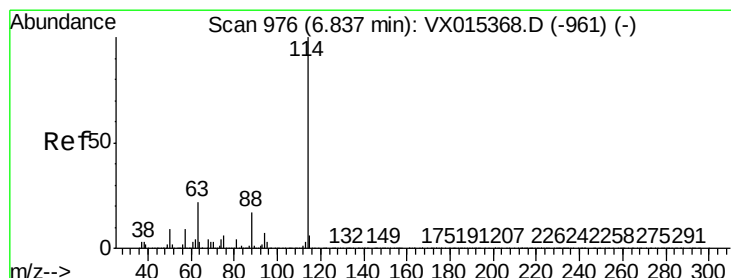
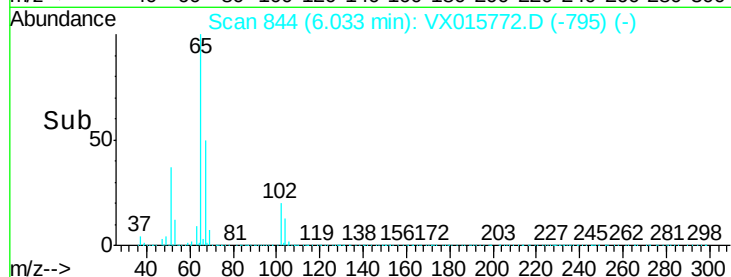
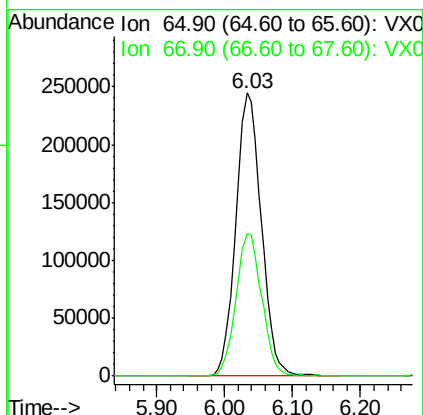
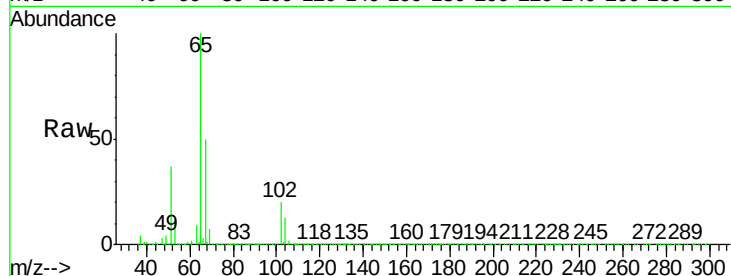




#33
 1,2-Dichloroethane-d4
 Concen: 42.784 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015772.D
 Acq: 20 Apr 2020 17:43

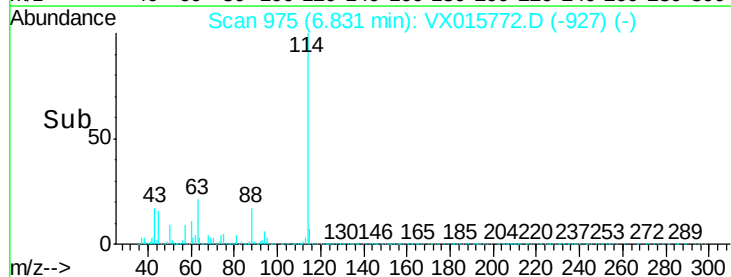
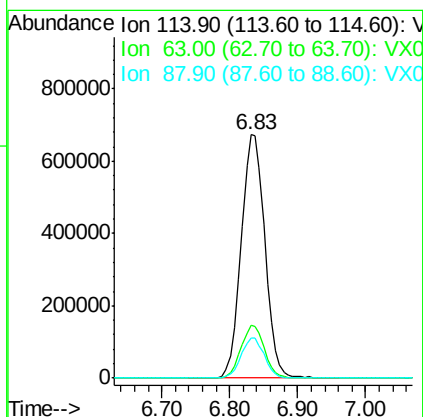
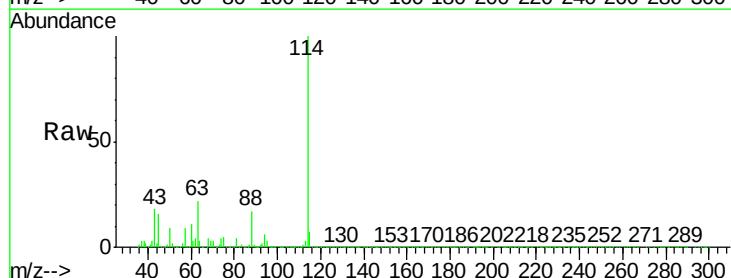
Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIS-WASH-1

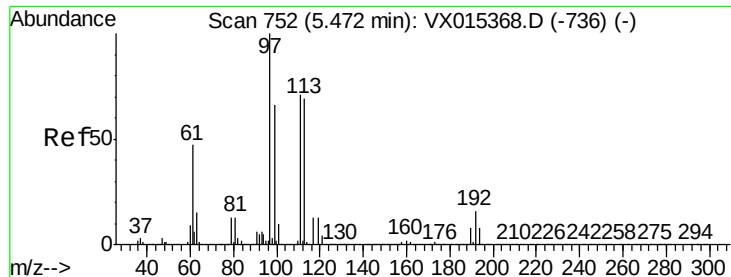
Tot Ion: 65 Resp: 634056
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015772.D
 Acq: 20 Apr 2020 17:43

Tgt Ion: 114 Resp: 1625074
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

CHASSIS-WASH-1

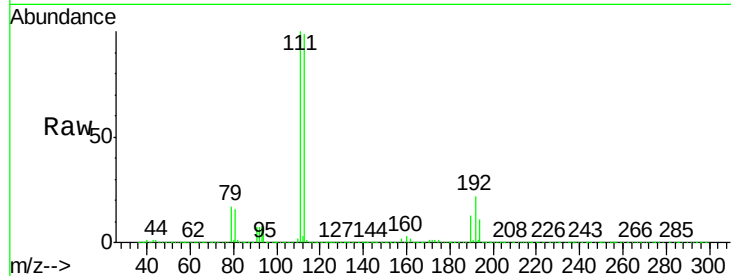
Tot Ion:113 Resp: 507532

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

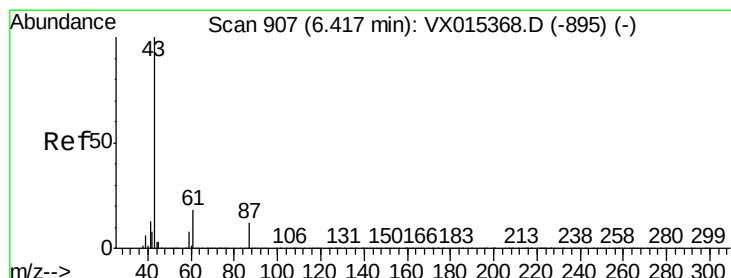
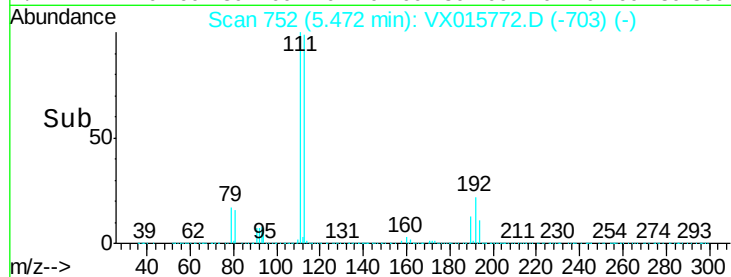
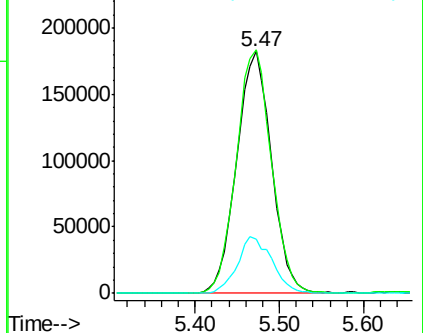
192 23.4 17.8 26.6



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



#43

Isopropyl Acetate

Concen: 9.401 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

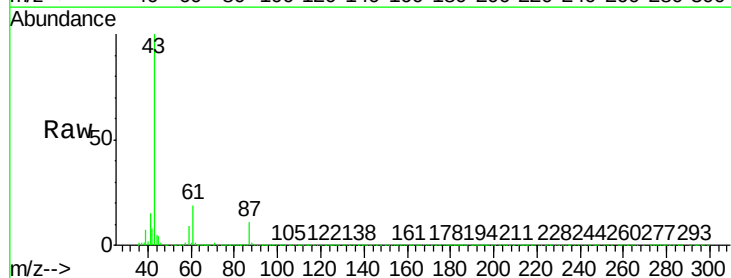
Tgt Ion: 43 Resp: 309408

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

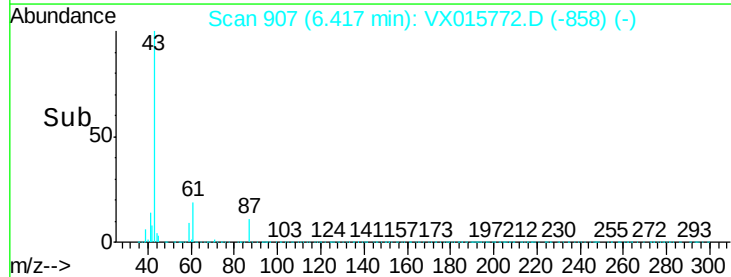
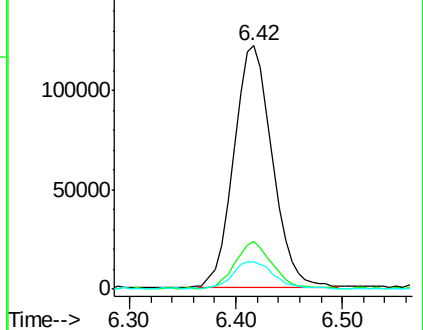
87 12.0 9.4 14.0

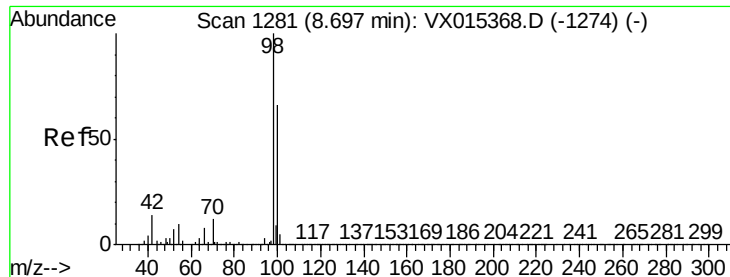


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

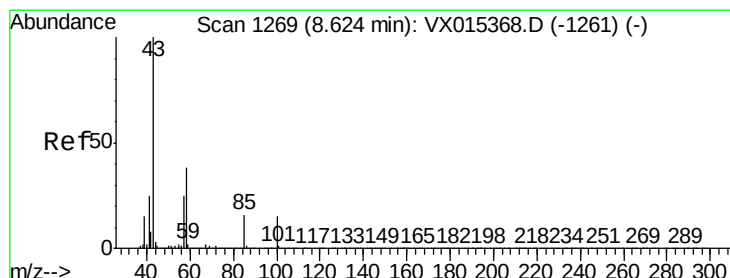
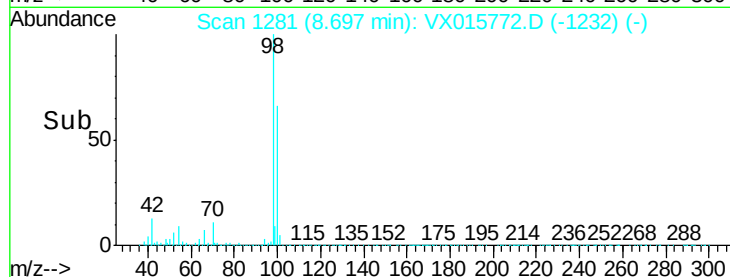
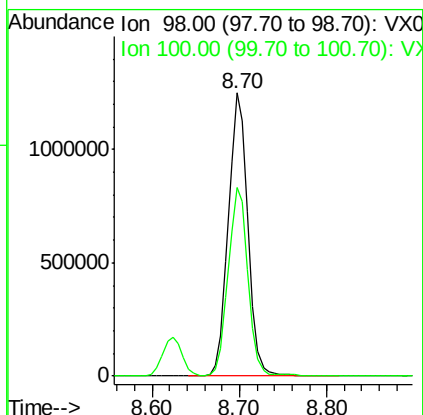
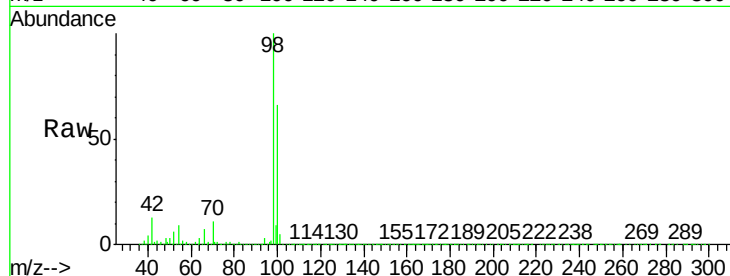




#50
Toluene-d8
Concen: 50.640 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

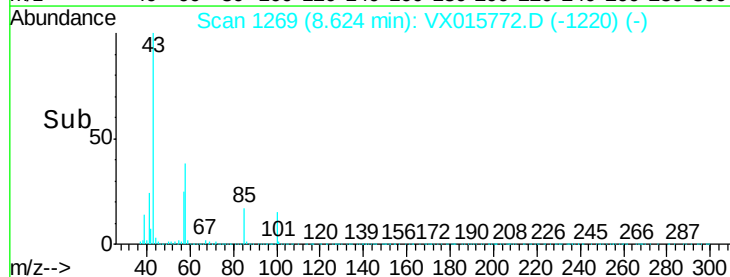
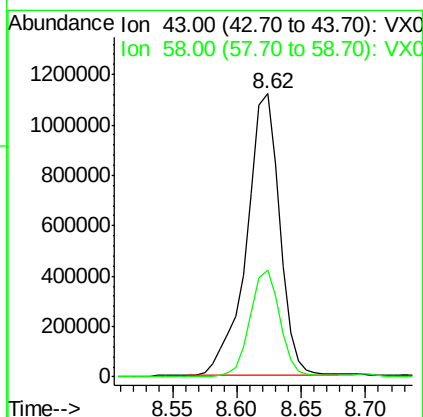
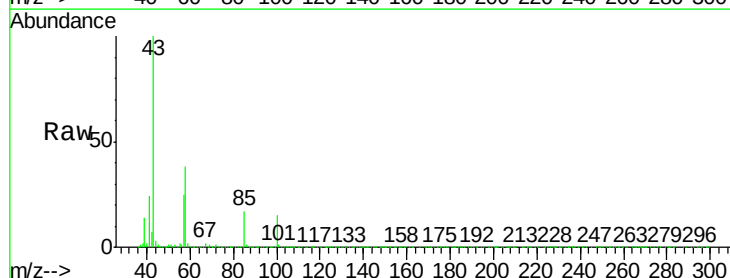
Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-1

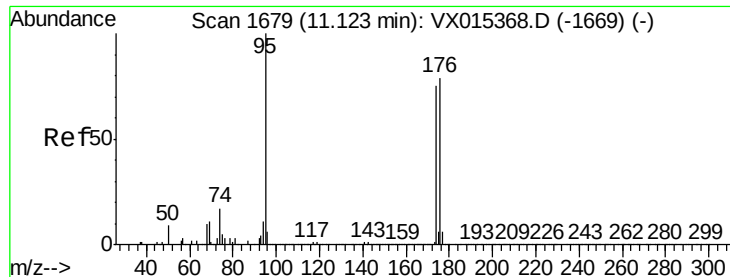
Tot Ion: 98 Resp: 1936765
Ion Ratio Lower Upper
98 100
100 67.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 106.016 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

Tgt Ion: 43 Resp: 1977389
Ion Ratio Lower Upper
43 100
58 34.3 29.7 44.5

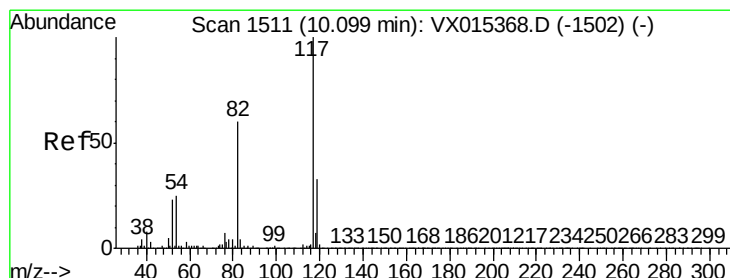
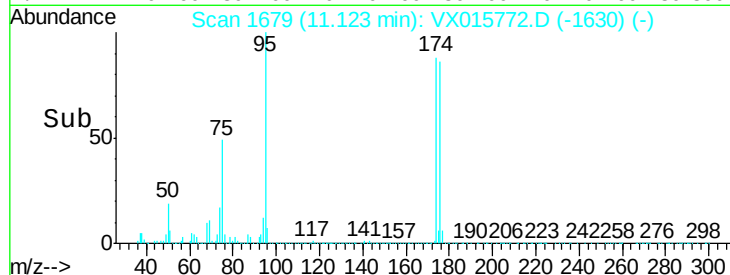
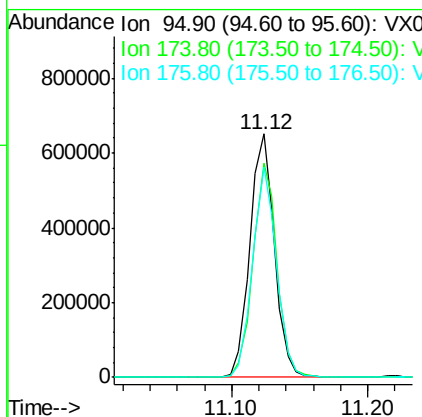
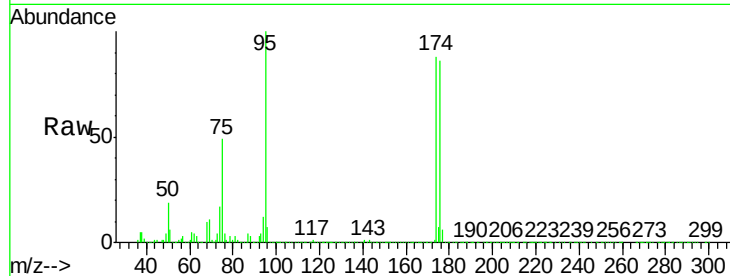




#62
4-Bromofluorobenzene
Concen: 53.058 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

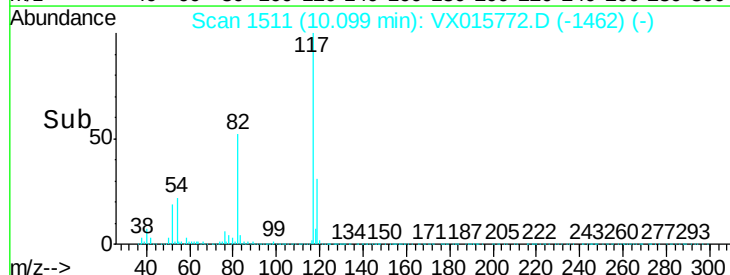
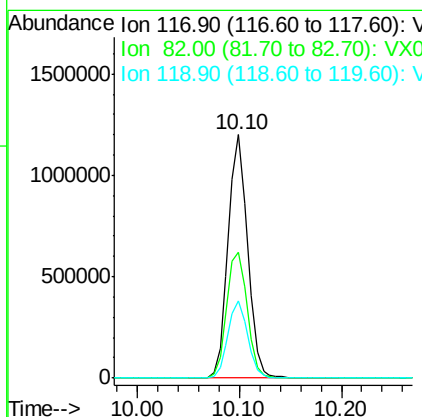
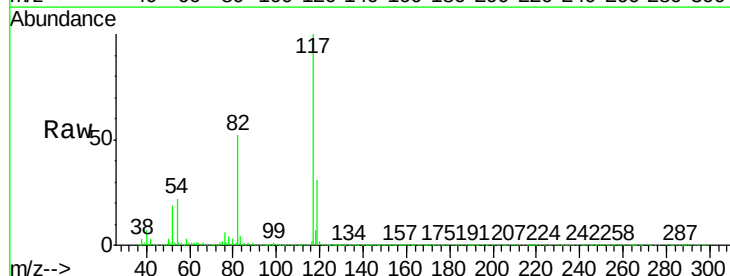
Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-1

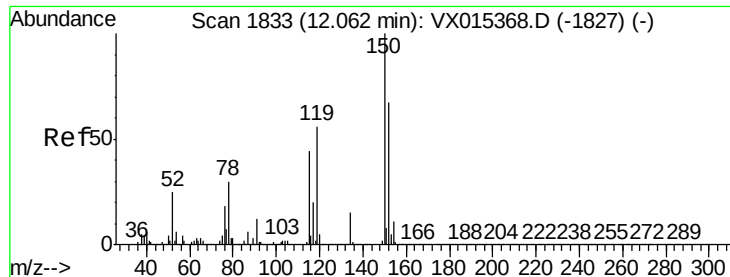
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	158.6
176	84.2	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015772.D
Acq: 20 Apr 2020 17:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	47.8	71.8
119	31.4	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

CHASSIS-WASH-1

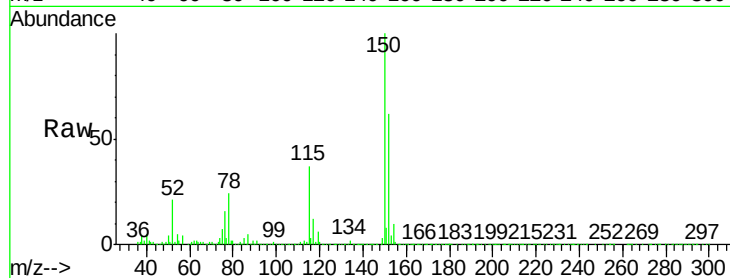
Tot Ion:152 Resp: 882052

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

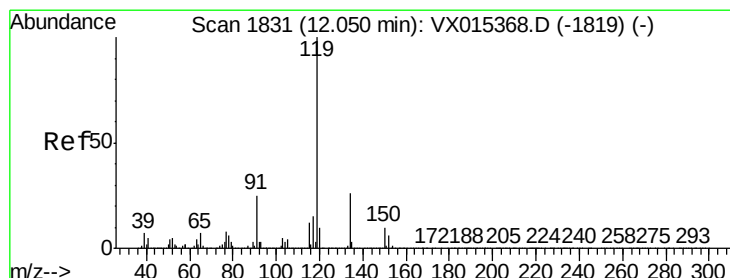
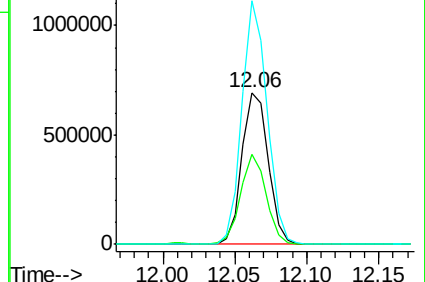
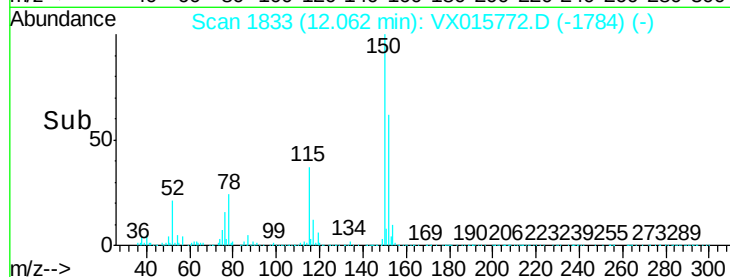
150 153.3 0.0 340.8



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



#86

p-Isopropyltoluene

Concen: 4.793 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015772.D

Acq: 20 Apr 2020 17:43

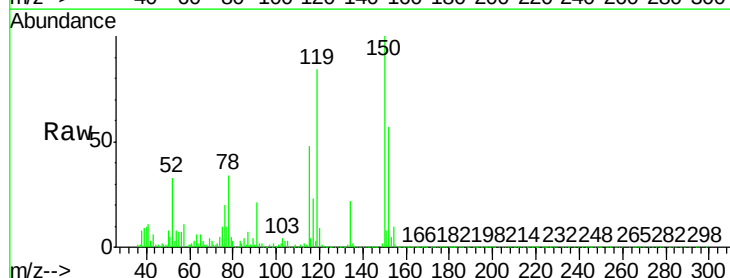
Tgt Ion:119 Resp: 248101

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 27.8 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

