

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015773.D
 Acq On : 20 Apr 2020 18:05
 Operator : JC/SP
 Sample : L2341-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHASSIS-WASH-2

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:16:22 PM

Quant Time: Apr 21 08:37:52 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	1068963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1675754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1621366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	937316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	630422	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
35) Dibromofluoromethane	5.47	113	507959	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	8.70	98	2007308	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	847284	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	2.42	43	900408	139.011	ug/l	98
17) Carbon Disulfide	2.55	76	207584	6.743	ug/l	98
20) Methylene Chloride	2.83	84	54219	4.481	ug/l	89
25) 2-Butanone	4.64	43	139790	13.420	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	251006m	13.051	ug/l	

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

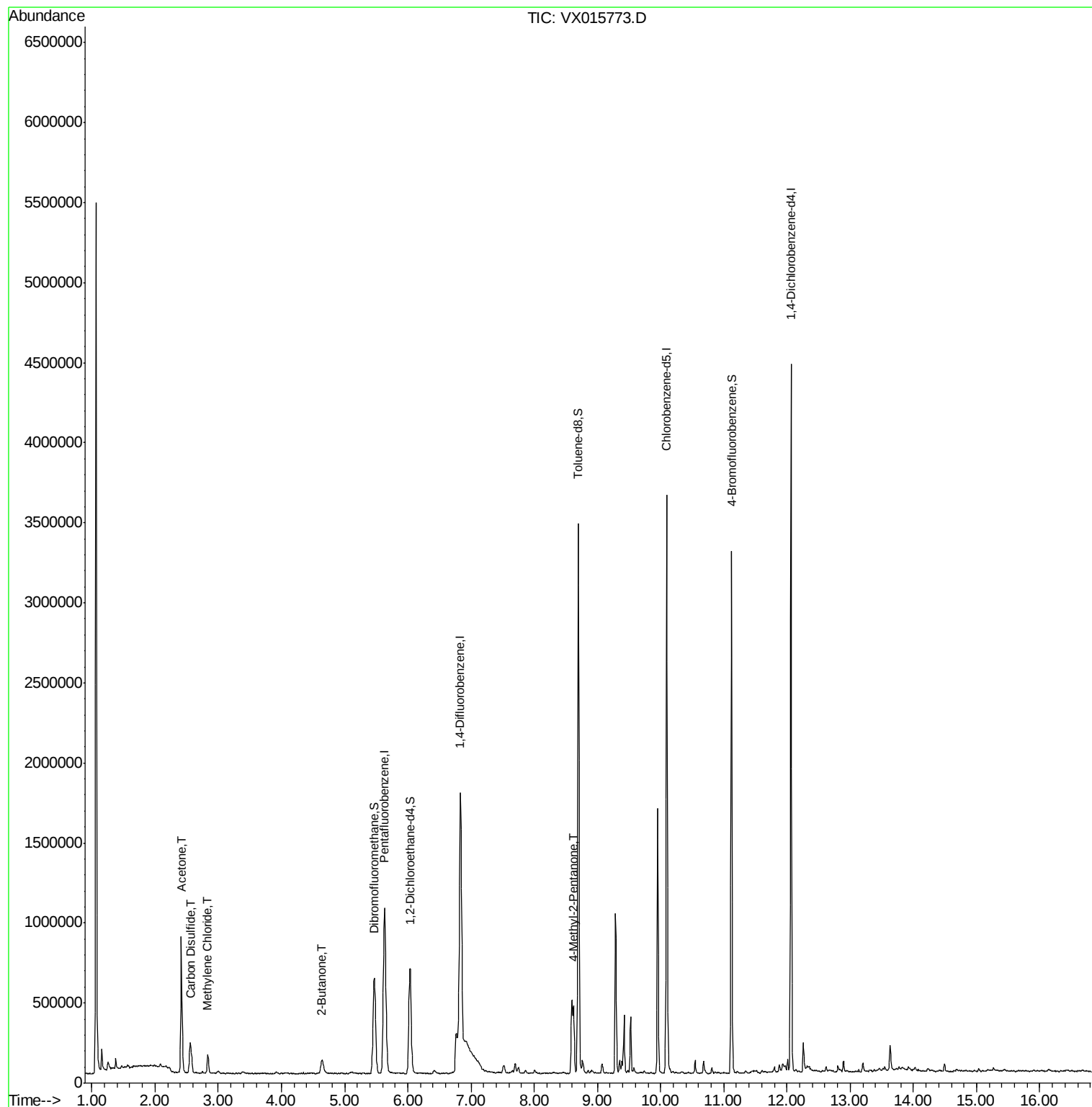
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042020\
Data File : VX015773.D
Acq On : 20 Apr 2020 18:05
Operator : JC/SP
Sample : L2341-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

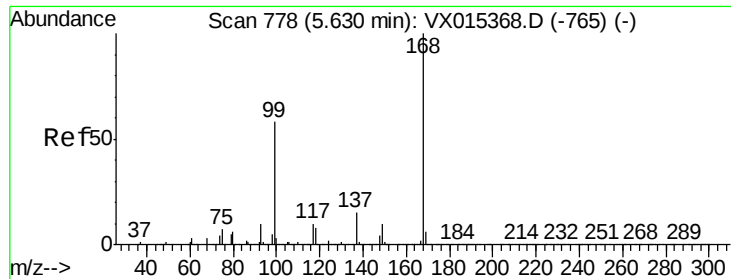
Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-2

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:22 PM

Quant Time: Apr 21 08:37:52 2020
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

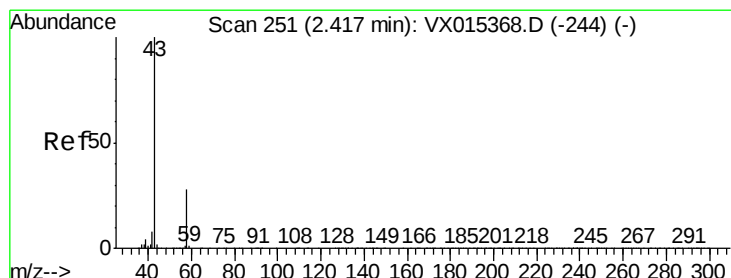
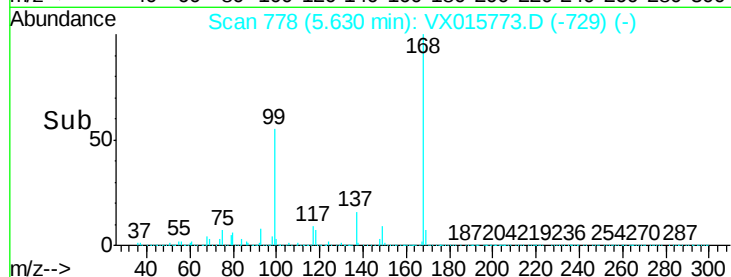
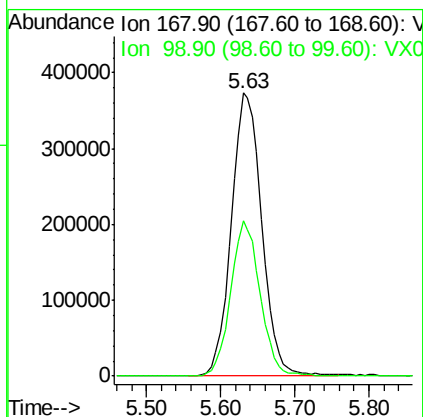
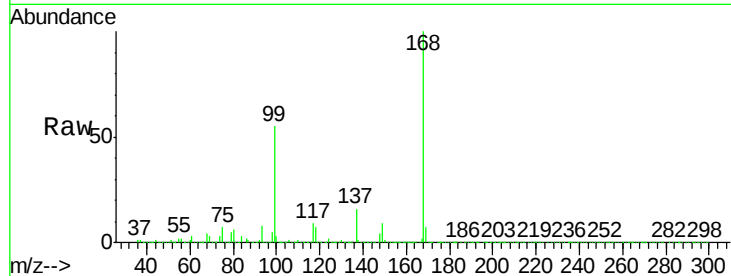
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.00 min
Lab File: VX015773.D
Acq: 20 Apr 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-2

Tot Ion:168 Resp: 1068963
Ion Ratio Lower Upper
168 100
99 54.7 46.4 69.6

Manual Integrations
APPROVED

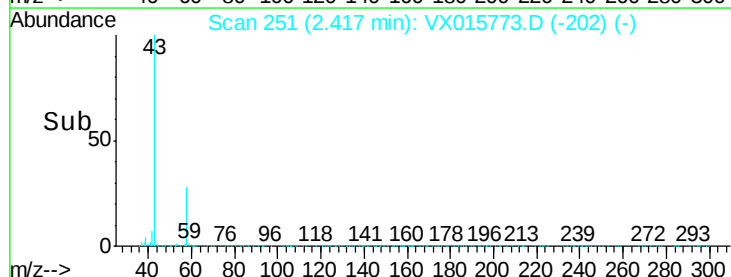
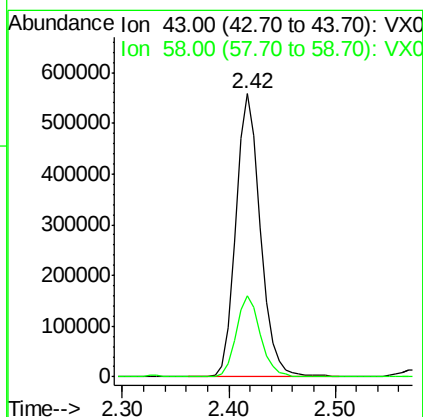
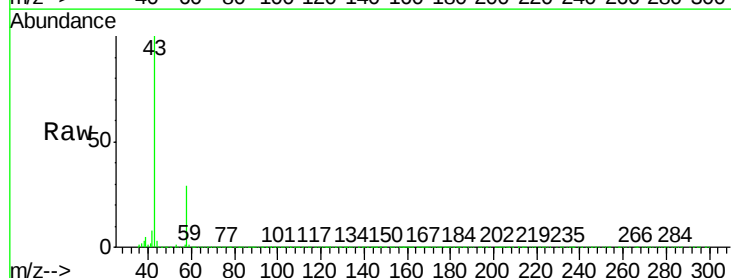
MMDadoda
4/21/2020 12:16:22 PM

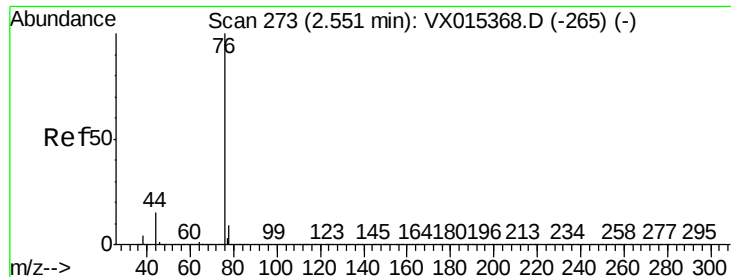


#16

Acetone
Concen: 139.011 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015773.D
Acq: 20 Apr 2020 18:05

Tgt Ion: 43 Resp: 900408
Ion Ratio Lower Upper
43 100
58 28.4 22.1 33.1





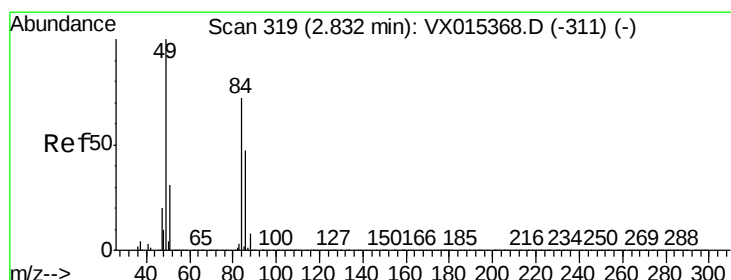
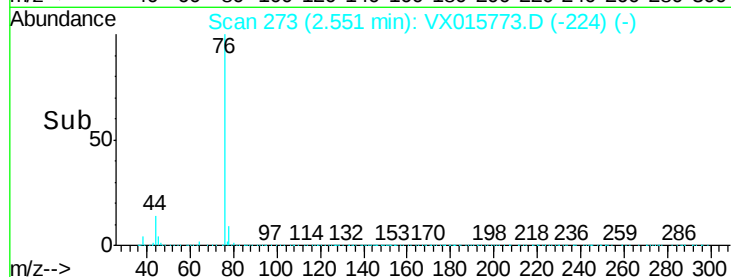
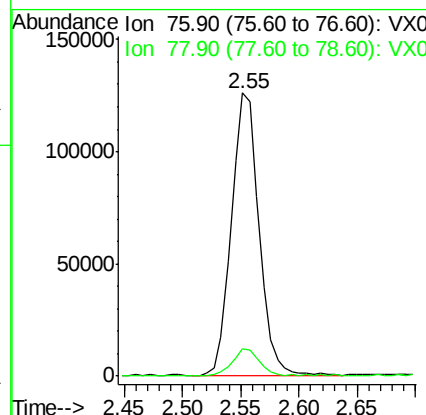
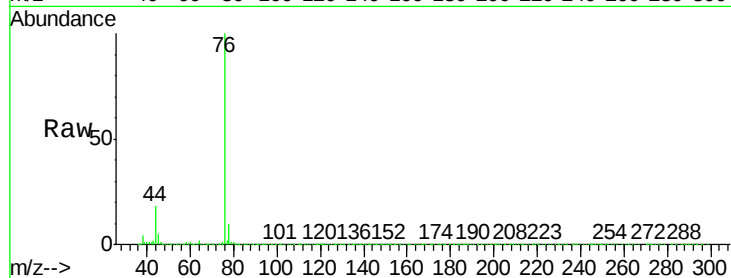
#17
Carbon Disulfide
Concen: 6.743 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015773.D
Acq: 20 Apr 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :
CHASSIS-WASH-2

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

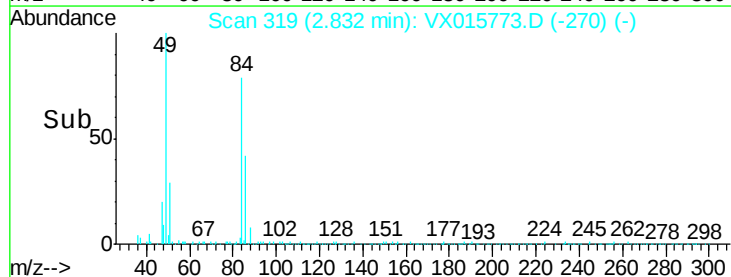
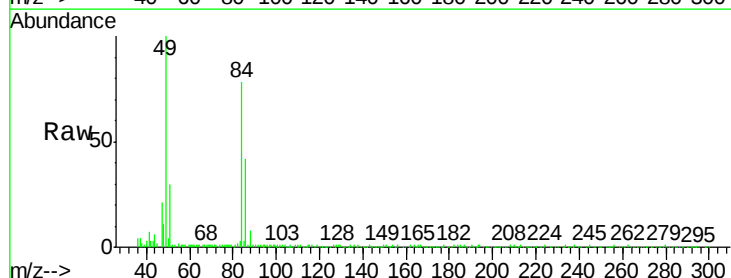
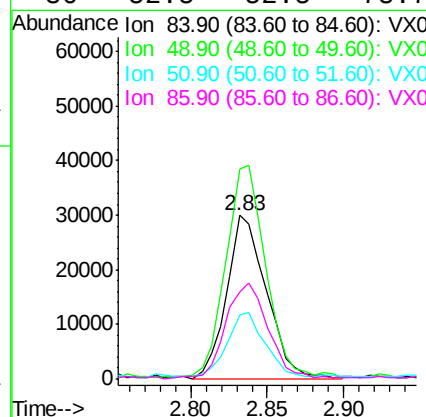
Manual Integrations
APPROVED

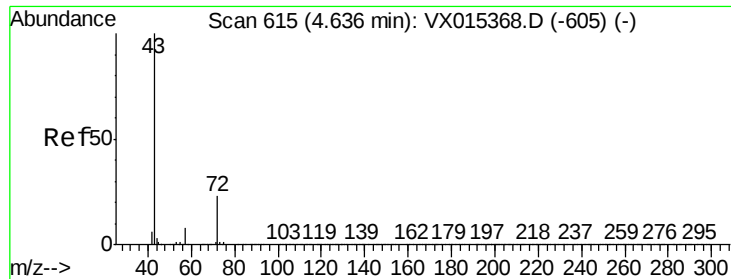
MMDadoda
4/21/2020 12:16:22 PM



#20
Methylene Chloride
Concen: 4.481 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015773.D
Acq: 20 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	111.3	166.9
51	37.5	34.0	51.0
86	52.5	52.5	78.7





#25

2-Butanone

Concen: 13.420 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015773.D

Acq: 20 Apr 2020 18:05

Tot Ion: 43 Resp: 139790

Ion Ratio Lower Upper

43 100

72 20.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

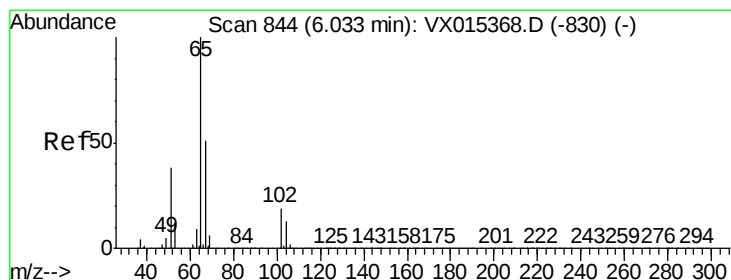
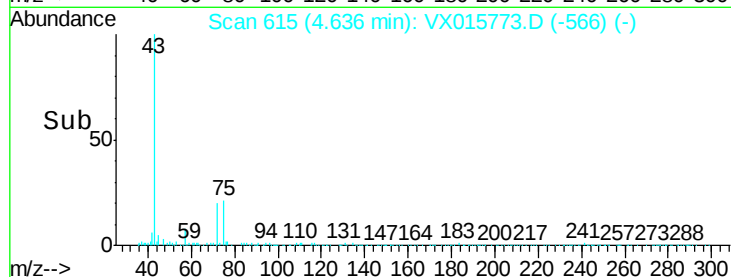
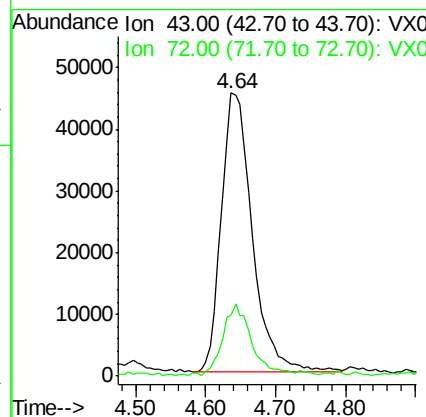
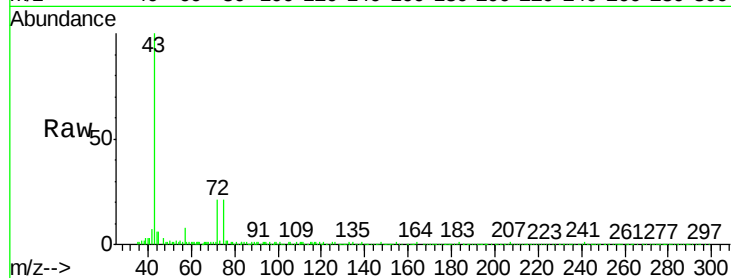
CHASSIS-WASH-2

Manual Integrations

APPROVED

MMDadoda

4/21/2020 12:16:22 PM



#33

1,2-Dichloroethane-d4

Concen: 41.815 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015773.D

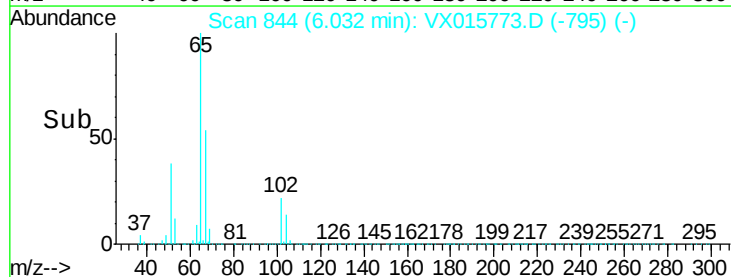
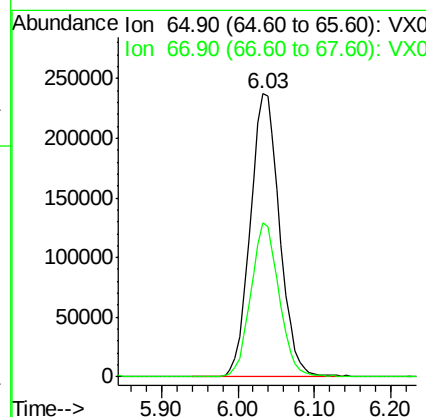
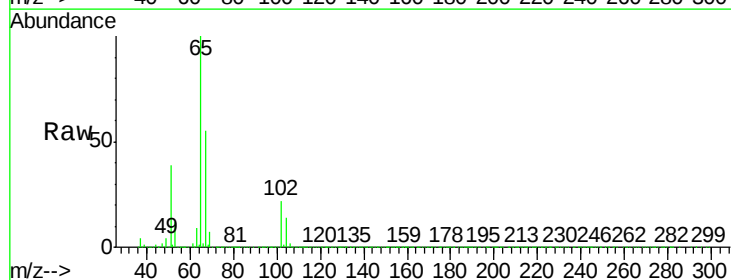
Acq: 20 Apr 2020 18:05

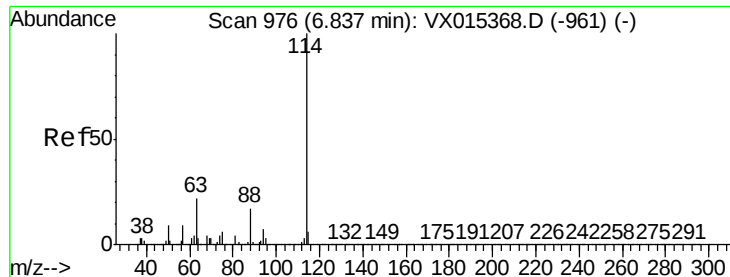
Tgt Ion: 65 Resp: 630422

Ion Ratio Lower Upper

65 100

67 52.3 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: VX015773.D

Acq: 20 Apr 2020 18:05

Instrument :

MSVOA_X

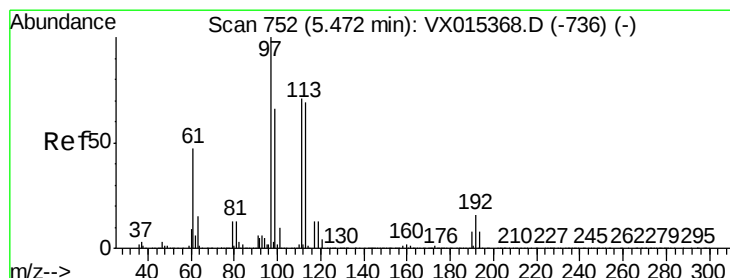
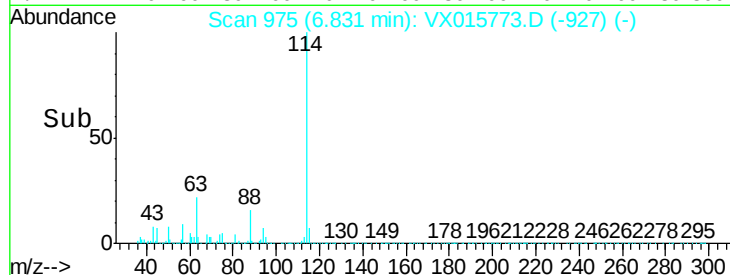
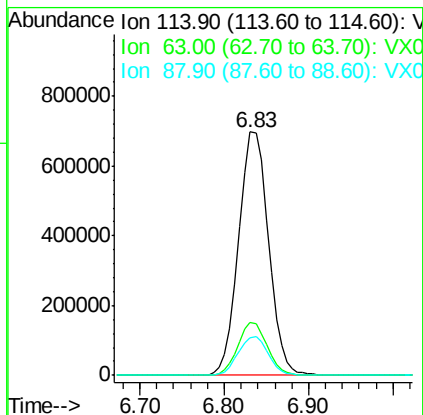
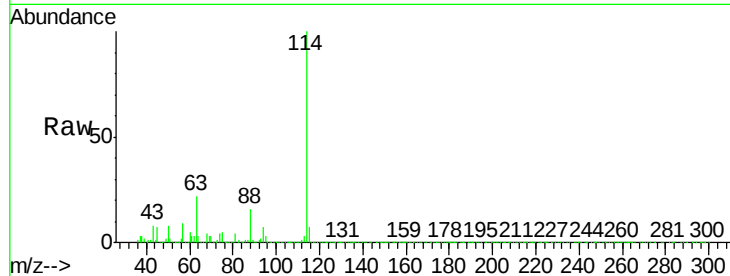
ClientSampleId :

CHASSIS-WASH-2

Tot Ion:	114	Resp:	1675754
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.2
88	15.6	0.0	33.8

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:22 PM



#35

Dibromofluoromethane

Concen: 47.420 ug/l

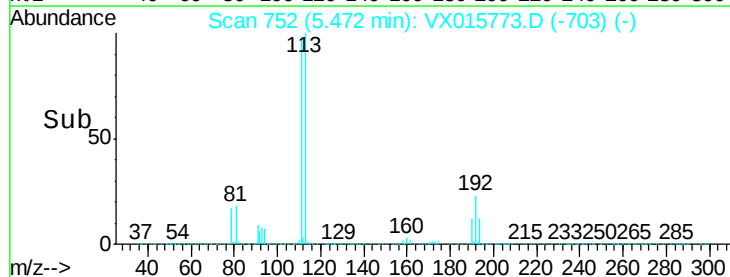
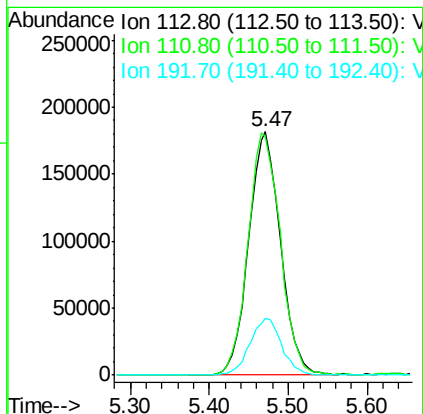
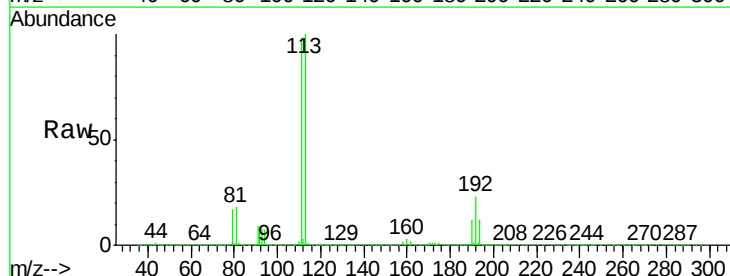
RT: 5.47 min Scan# 752

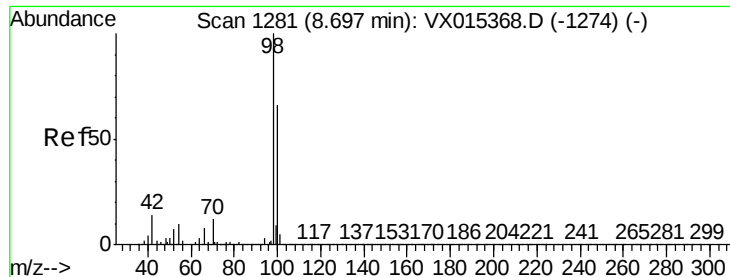
Delta R.T. -0.00 min

Lab File: VX015773.D

Acq: 20 Apr 2020 18:05

Tgt Ion:	113	Resp:	507959
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.4	17.8	26.6





#50

Toluene-d8

Concen: 50.897 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015773.D

Acq: 20 Apr 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

CHASSIS-WASH-2

Tot Ion: 98 Resp: 2007308

Ion Ratio Lower Upper

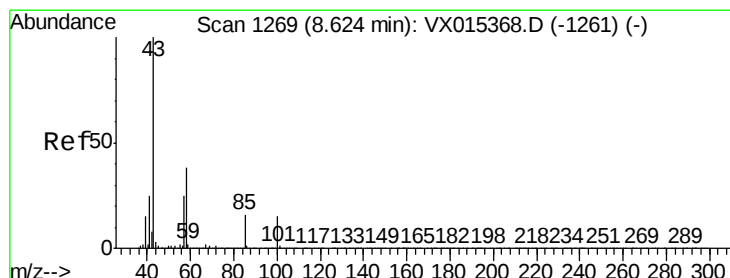
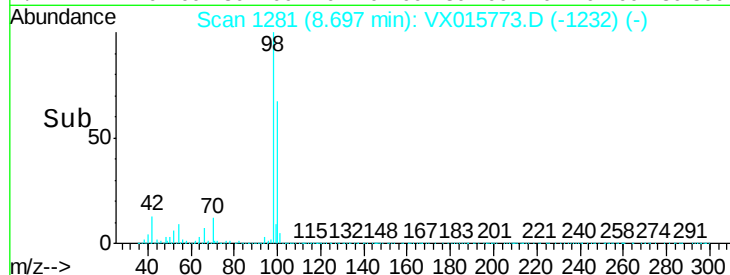
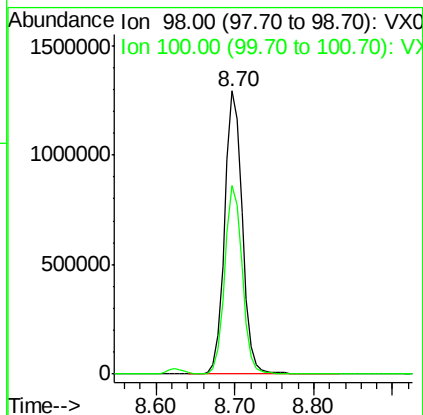
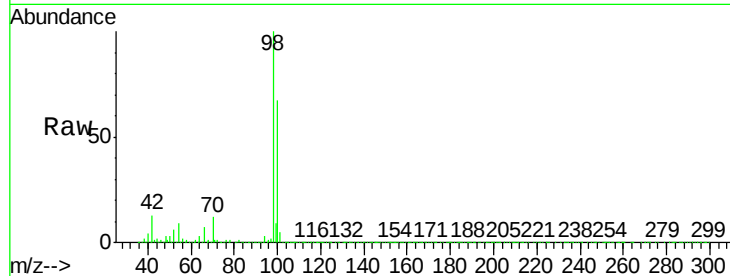
98 100

100 66.1 53.5 80.3

Manual Integrations
APPROVED

MMDadoda

4/21/2020 12:16:22 PM



#51

4-Methyl-2-Pentanone

Concen: 13.051 ug/l m

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015773.D

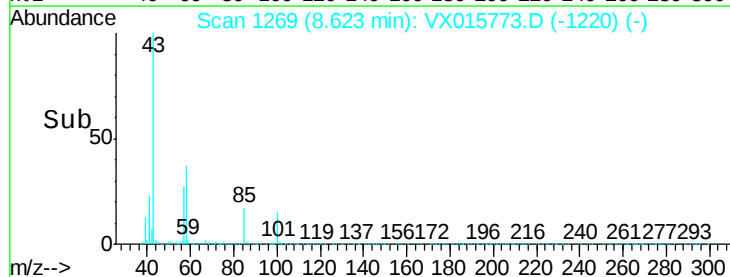
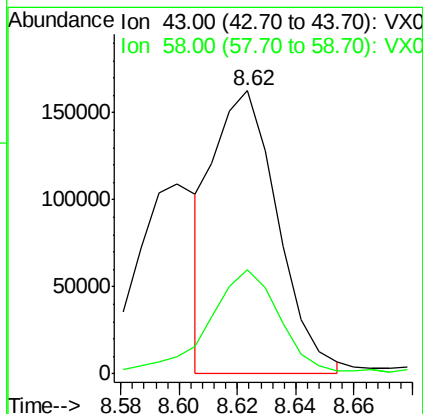
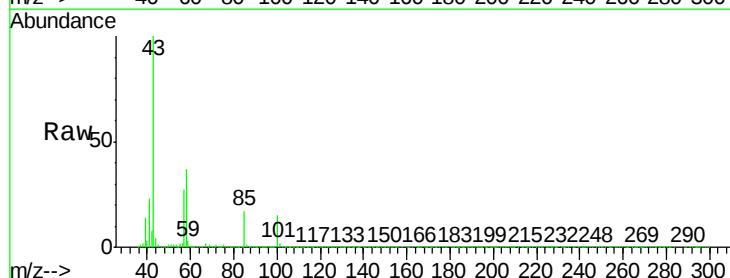
Acq: 20 Apr 2020 18:05

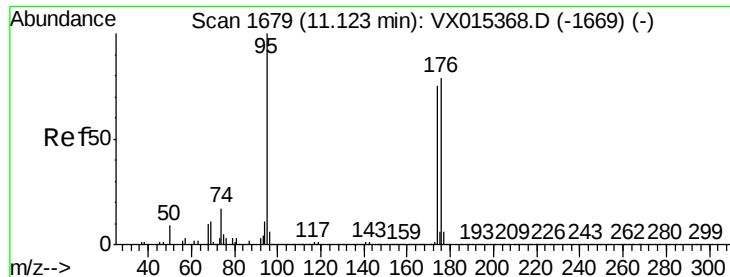
Tgt Ion: 43 Resp: 251006

Ion Ratio Lower Upper

43 100

58 41.2 29.7 44.5





#62

4-Bromofluorobenzene

Concen: 52.863 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015773.D

Acq: 20 Apr 2020 18:05

Instrument :

MSVOA_X

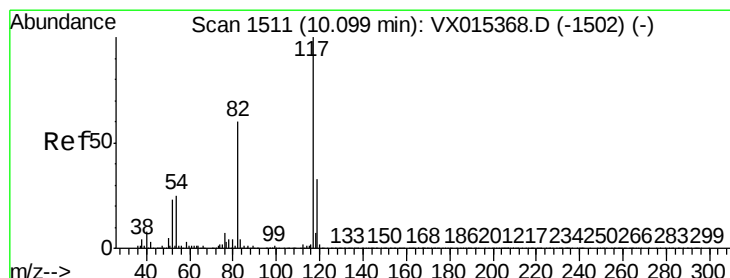
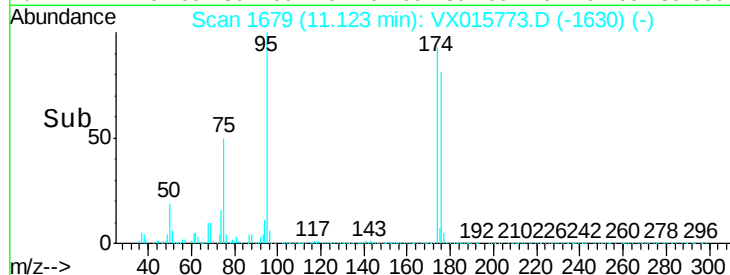
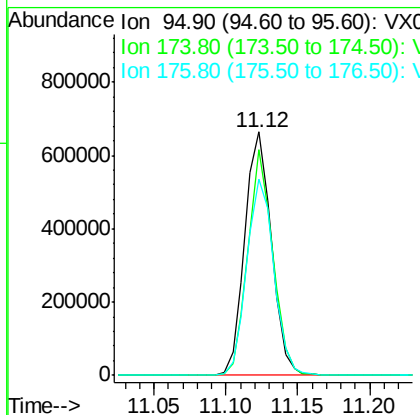
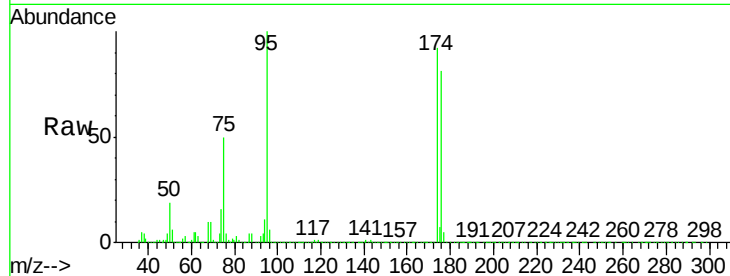
ClientSampleId :

CHASSIS-WASH-2

Tot Ion:	95	Resp:	847284
Ion Ratio	Lower	Upper	
95	100		
174	86.6	0.0	158.6
176	82.0	0.0	159.0

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:22 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

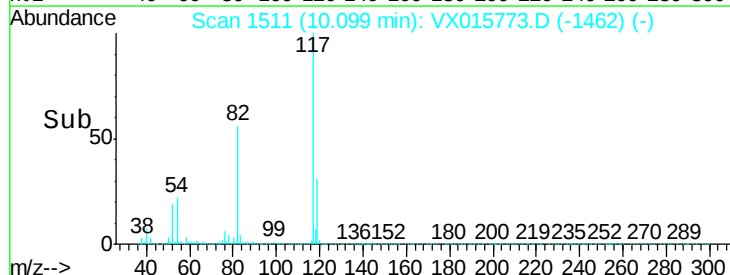
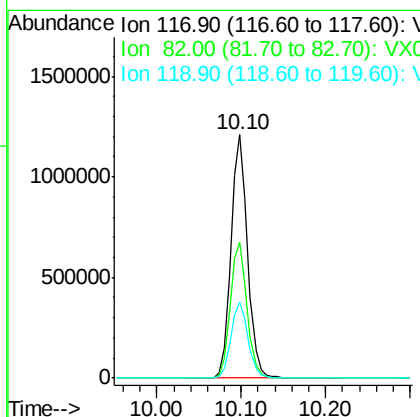
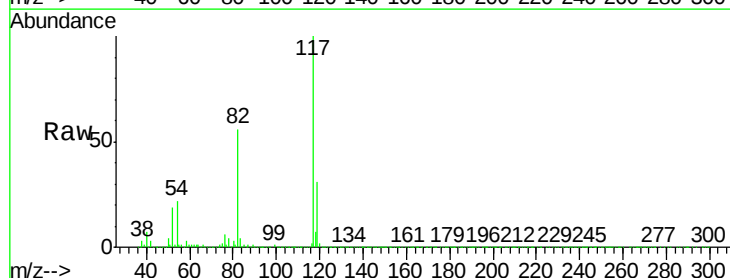
RT: 10.10 min Scan# 1511

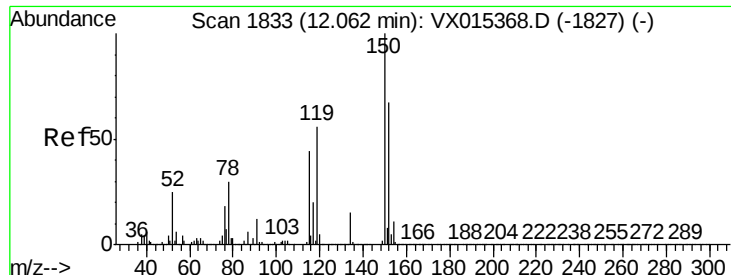
Delta R.T. -0.00 min

Lab File: VX015773.D

Acq: 20 Apr 2020 18:05

Tgt Ion:	117	Resp:	1621366
Ion Ratio	Lower	Upper	
117	100		
82	56.0	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: VX015773.D

Acq: 20 Apr 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

CHASSIS-WASH-2

Tot Ion	Ratio	Resp	Lower	Upper
152	100	937316		
115	55.0	39.0	116.9	
150	152.0	0.0	340.8	

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:22 PM

