

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021987.D
 Acq On : 14 May 2021 12:01
 Operator : JC/MD
 Sample : M2383-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-02DL

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 2:34:17 PM

Quant Time: May 15 01:03:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	78662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66118	51.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.14%			
35) Dibromofluoromethane	5.391	113	57713	49.35	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.70%			
50) Toluene-d8	8.653	98	225400	50.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.00%			
62) 4-Bromofluorobenzene	11.085	95	101319	57.52	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.04%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	1277	2.20	ug/l	90
17) Carbon Disulfide	2.514	76	272087	91.72	ug/l	99
30) Chloroform	5.105	83	1464m	0.69	ug/l	
40) Benzene	6.050	78	19094	3.51	ug/l #	88
52) Toluene	8.726	92	3814	1.10	ug/l	98
67) Ethyl Benzene	10.195	91	27382	3.52	ug/l	98
68) m/p-Xylenes	10.305	106	18117	6.10	ug/l	99
69) o-Xylene	10.646	106	6907	2.33	ug/l	94
73) Isopropylbenzene	10.963	105	1957	0.25	ug/l	93
78) n-propylbenzene	11.311	91	8004	0.87	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	15373	2.31	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	55689	8.35	ug/l	100
95) Naphthalene	13.780	128	444088	57.92	ug/l	99

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

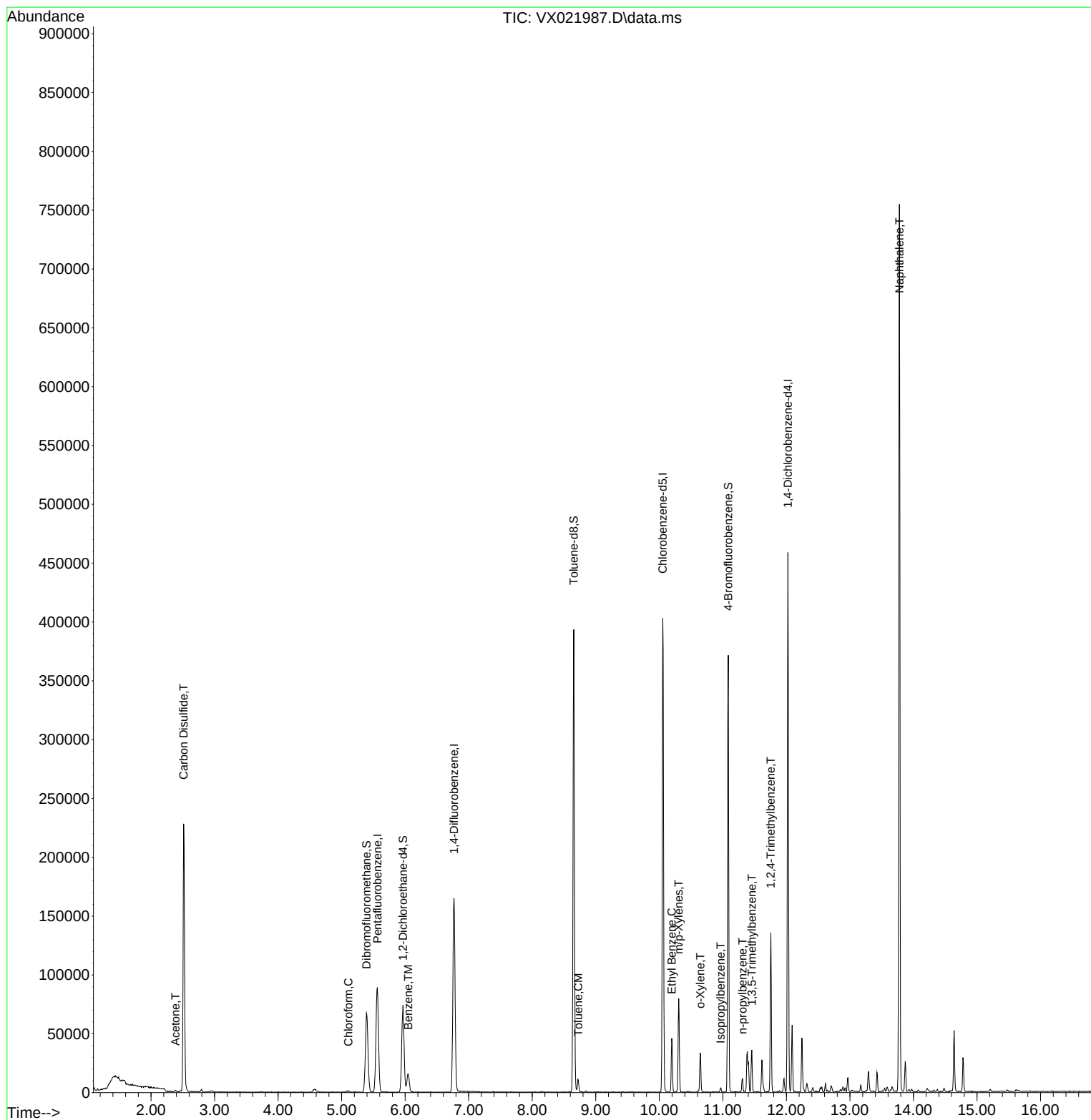
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
Data File : VX021987.D
Acq On : 14 May 2021 12:01
Operator : JC/MD
Sample : M2383-08DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

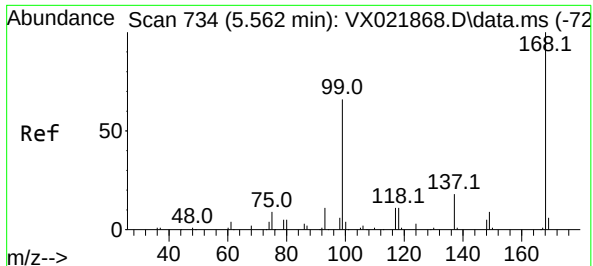
Instrument :
MSVOA_X
ClientSampleId :
KTW-02DL

Manual Integrations
APPROVED

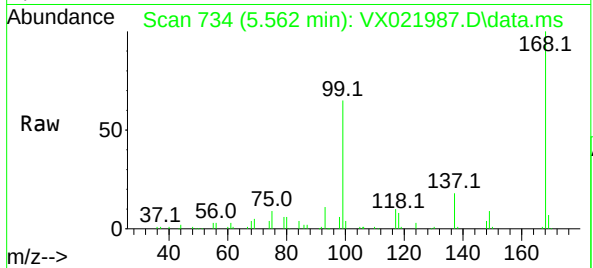
MMDadoda
5/17/2021 2:34:17 PM

Quant Time: May 15 01:03:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
Response via : Initial Calibration

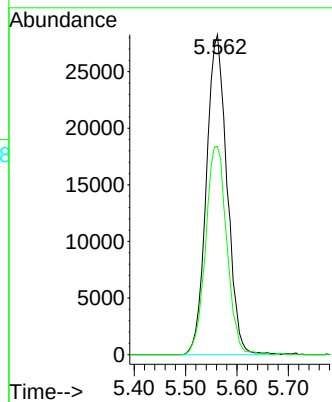
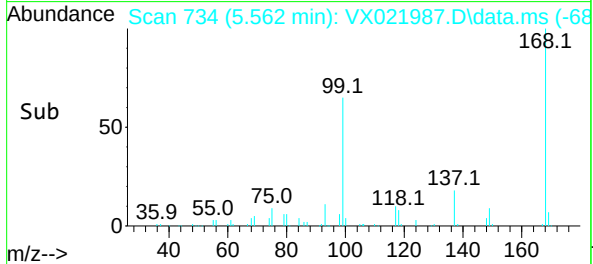




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01



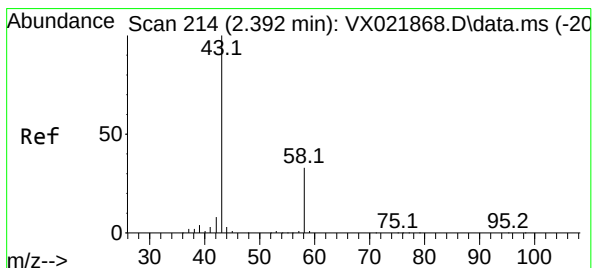
Tgt Ion: 168 Resp: 78662
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



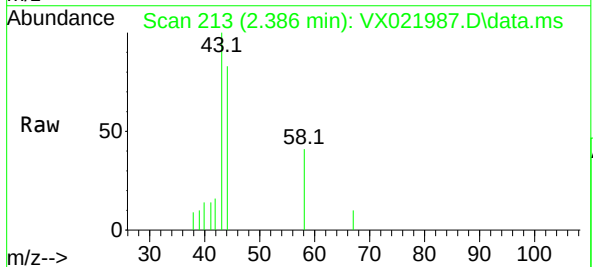
Instrument :
MSVOA_X
ClientSampleId :
KTW-02DL

Manual Integrations
APPROVED

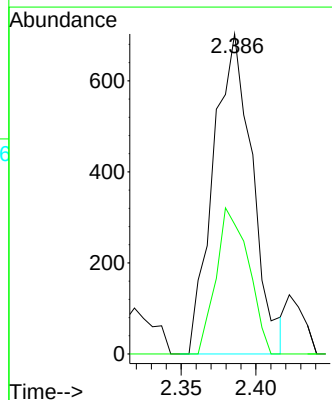
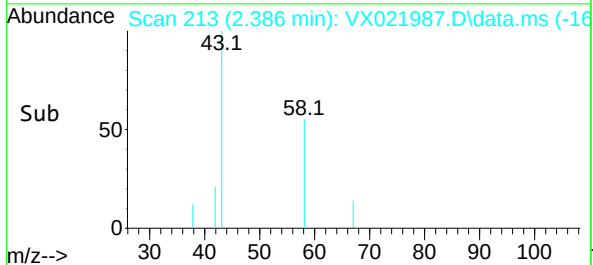
MMDadoda
5/17/2021 2:34:17 PM

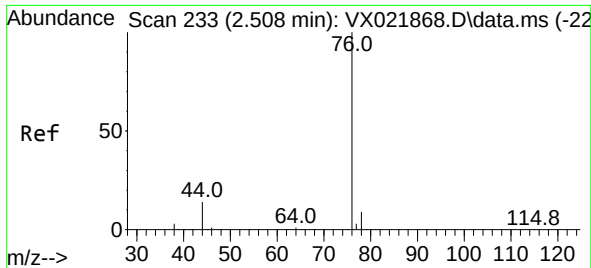


#16
Acetone
Concen: 2.20 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01



Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 40.5 27.8 41.8





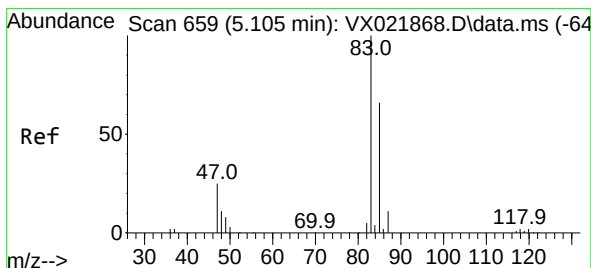
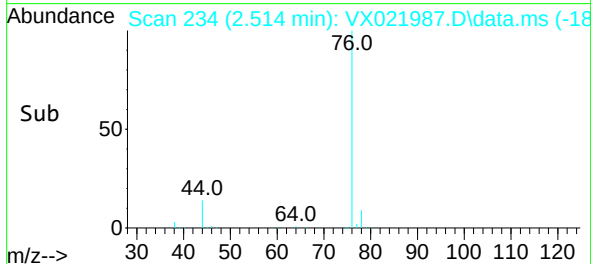
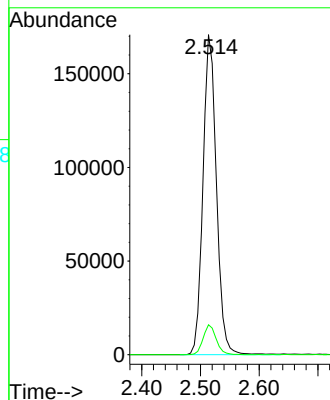
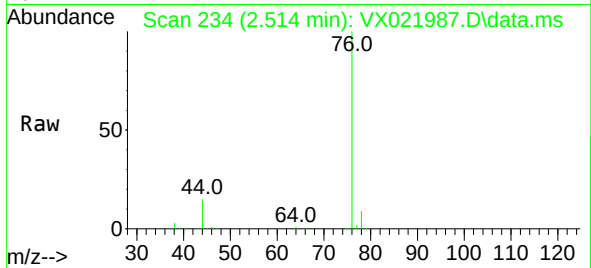
#17
Carbon Disulfide
Concen: 91.72 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 76 Resp: 272087
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Instrument :
MSVOA_X
ClientSampleId :
KTW-02DL

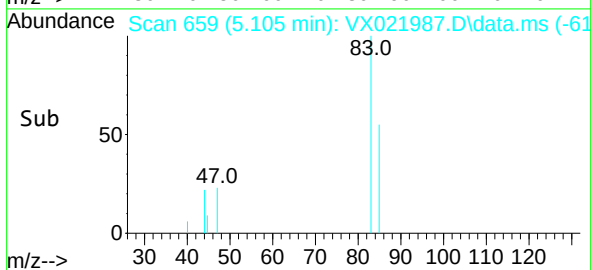
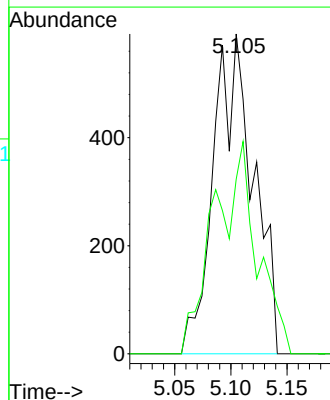
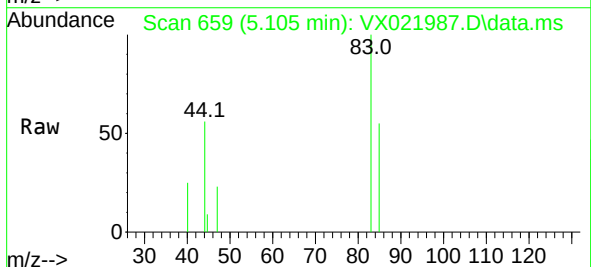
Manual Integrations
APPROVED

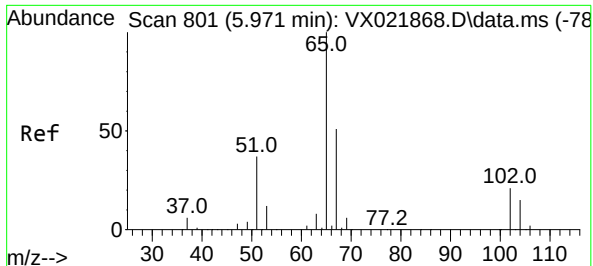
MMDadoda
5/17/2021 2:34:17 PM



#30
Chloroform
Concen: 0.69 ug/l m
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 83 Resp: 1464
Ion Ratio Lower Upper
83 100
85 54.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 51.07 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021987.D

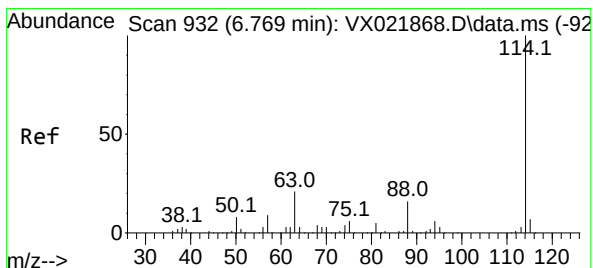
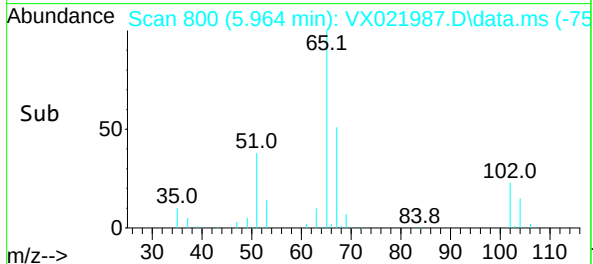
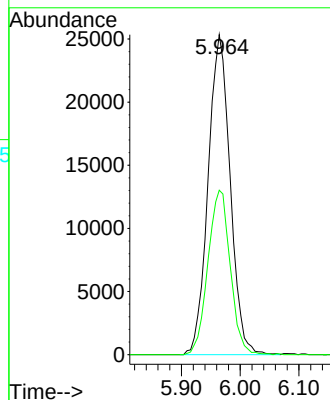
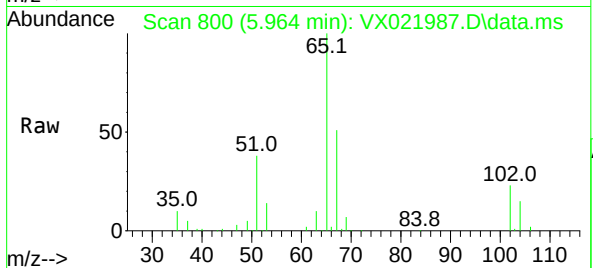
Acq: 14 May 2021 12:01

Tgt Ion: 65 Resp: 66118

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021987.D

Acq: 14 May 2021 12:01

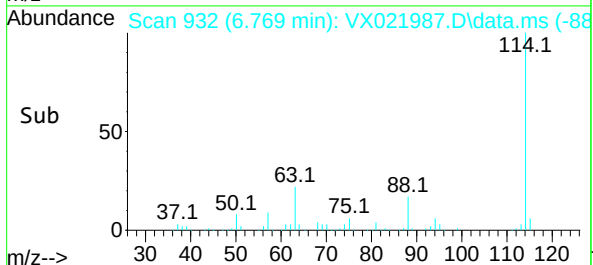
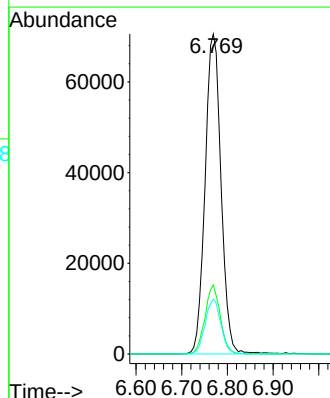
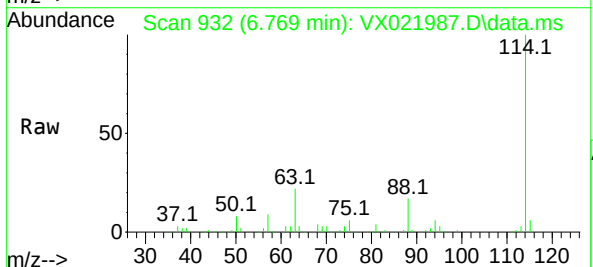
Tgt Ion: 114 Resp: 170653

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.1 0.0 32.8



Instrument :

MSVOA_X

ClientSampled :

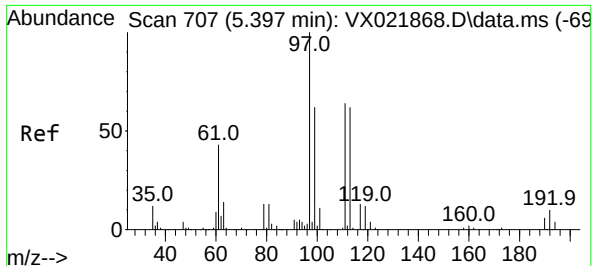
KTW-02DL

Manual Integrations

APPROVED

MMDadoda

5/17/2021 2:34:17 PM



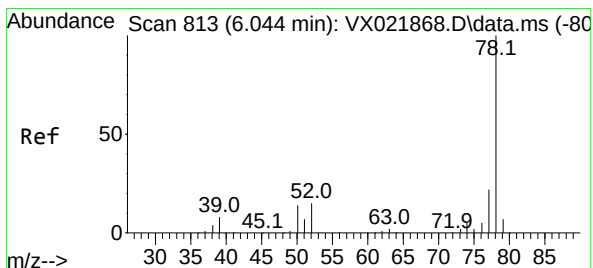
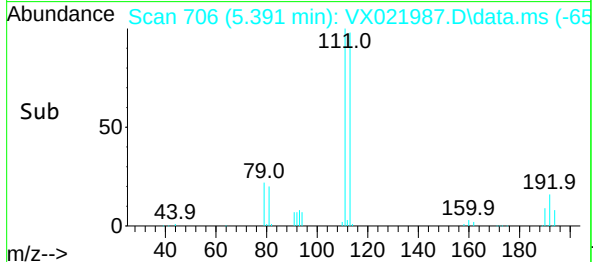
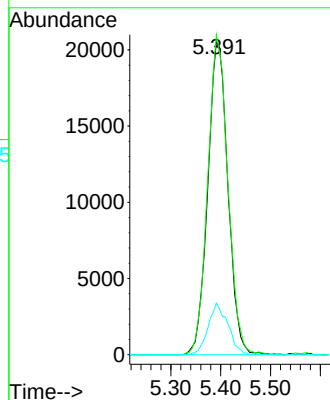
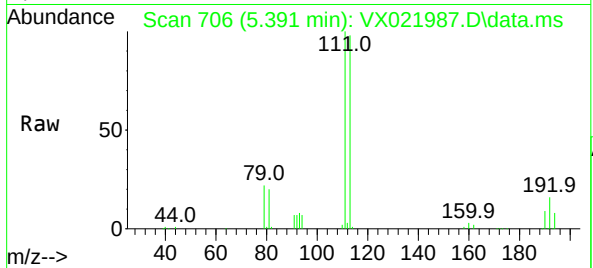
#35
Dibromofluoromethane
Concen: 49.35 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 113 Resp: 57713
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 16.1 16.7 25.1#

Instrument :
MSVOA_X
ClientSampled :
KTW-02DL

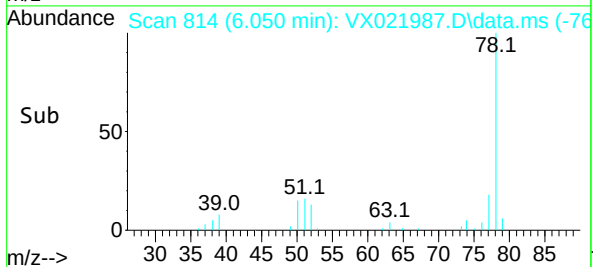
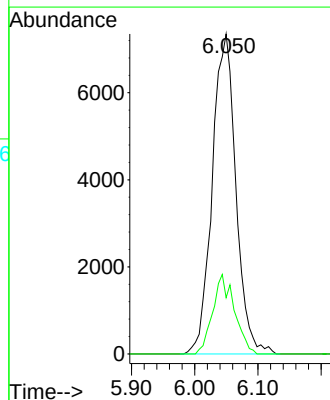
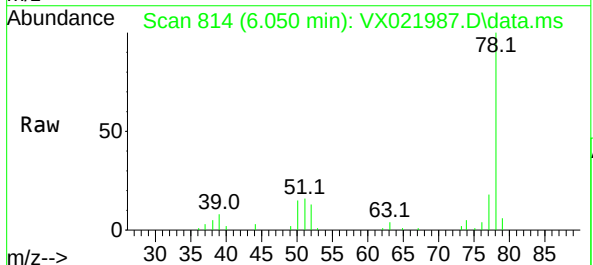
Manual Integrations
APPROVED

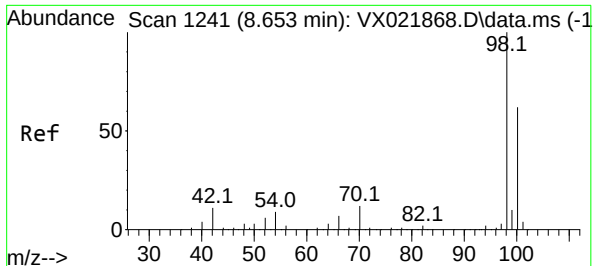
MMDadoda
5/17/2021 2:34:17 PM



#40
Benzene
Concen: 3.51 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 78 Resp: 19094
Ion Ratio Lower Upper
78 100
77 17.6 18.9 28.3#





#50

Toluene-d8

Concen: 50.50 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX021987.D

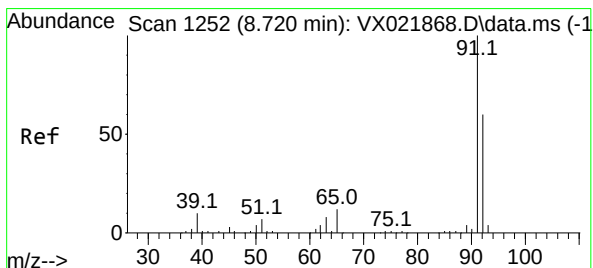
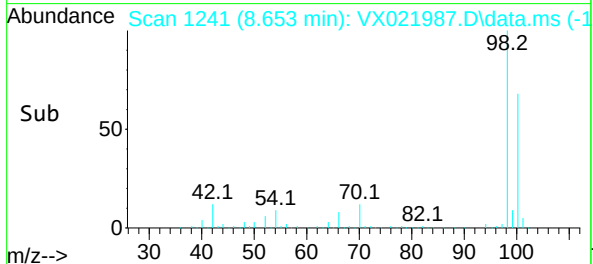
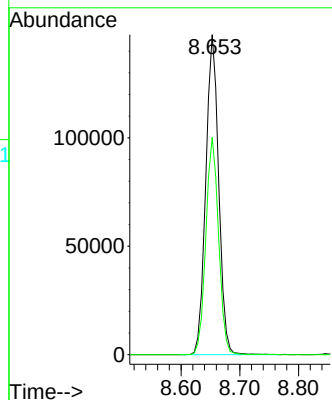
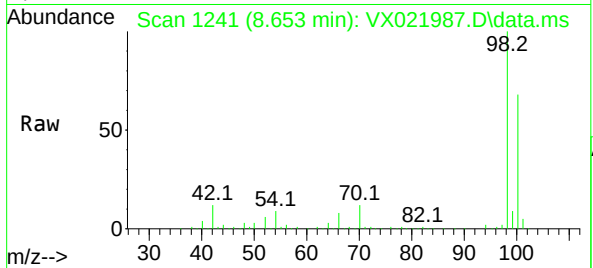
Acq: 14 May 2021 12:01

Tgt Ion: 98 Resp: 225400

Ion Ratio Lower Upper

98 100

100 67.1 51.9 77.9



#52

Toluene

Concen: 1.10 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX021987.D

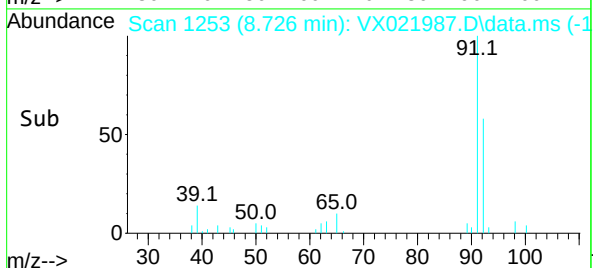
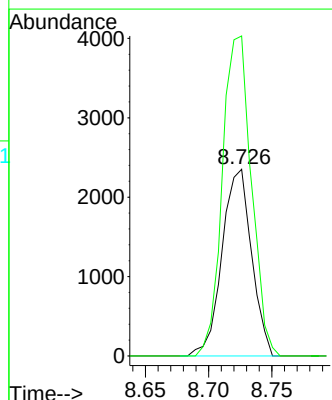
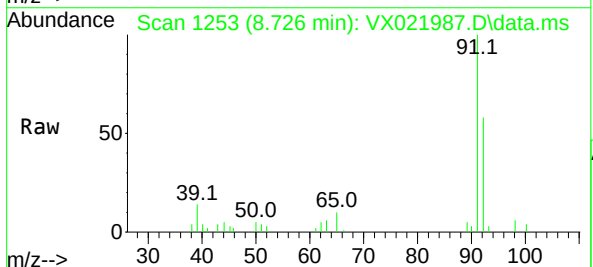
Acq: 14 May 2021 12:01

Tgt Ion: 92 Resp: 3814

Ion Ratio Lower Upper

92 100

91 168.3 137.1 205.7



Instrument :

MSVOA_X

ClientSampled :

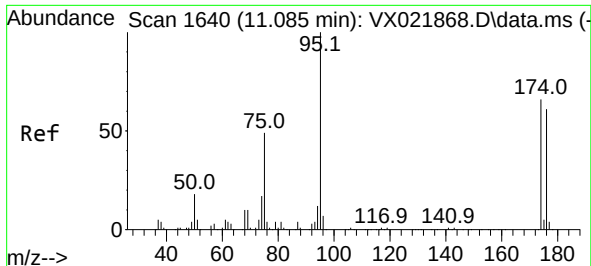
KTW-02DL

Manual Integrations

APPROVED

MMDadoda

5/17/2021 2:34:17 PM



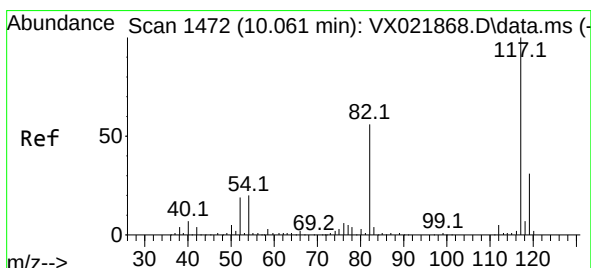
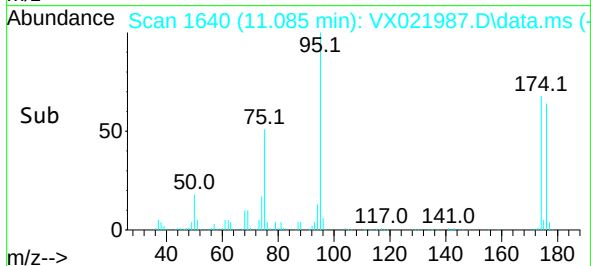
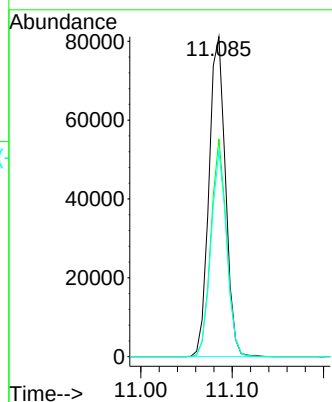
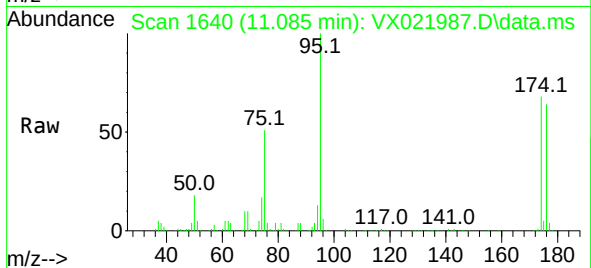
#62
4-Bromofluorobenzene
Concen: 57.52 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 95 Resp: 101319
Ion Ratio Lower Upper
95 100
174 64.6 0.0 154.6
176 61.8 0.0 155.8

Instrument :
MSVOA_X
ClientSampled :
KTW-02DL

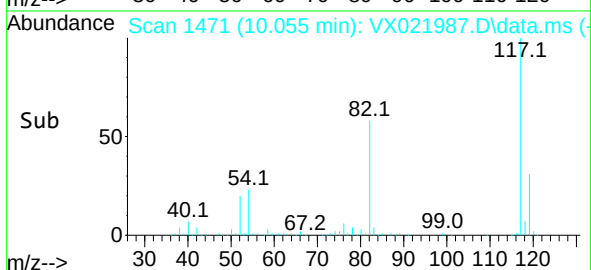
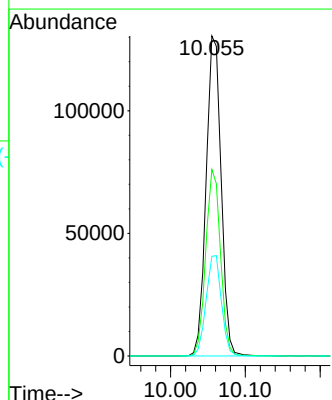
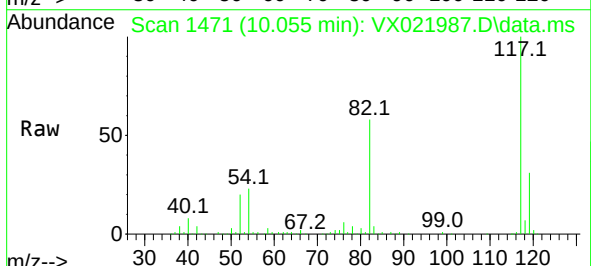
Manual Integrations
APPROVED

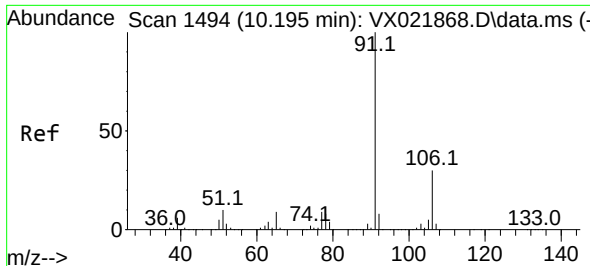
MMDadoda
5/17/2021 2:34:17 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 117 Resp: 182030
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.2 26.6 39.8





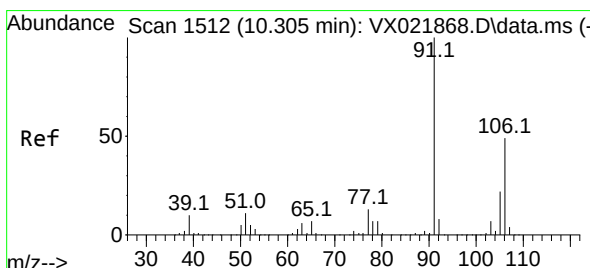
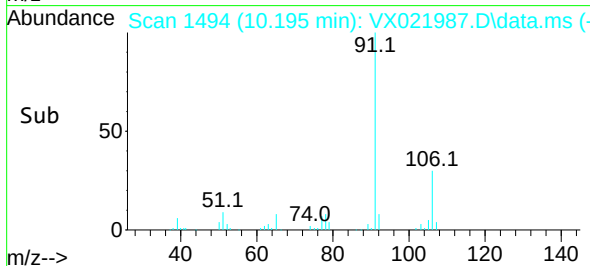
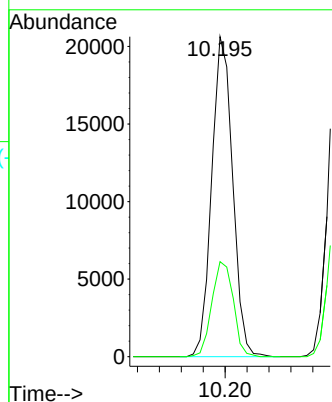
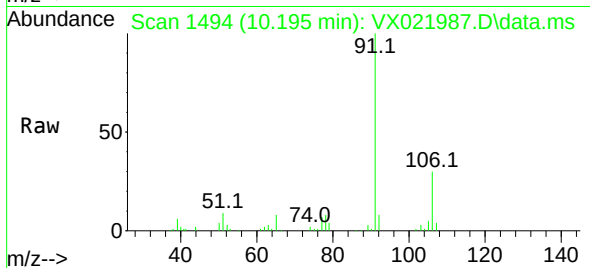
#67
Ethyl Benzene
Concen: 3.52 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 91 Resp: 27382
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0

Instrument :
MSVOA_X
ClientSampled :
KTW-02DL

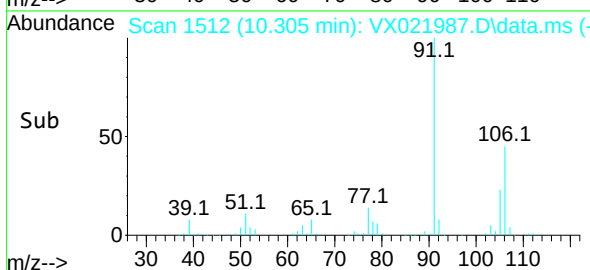
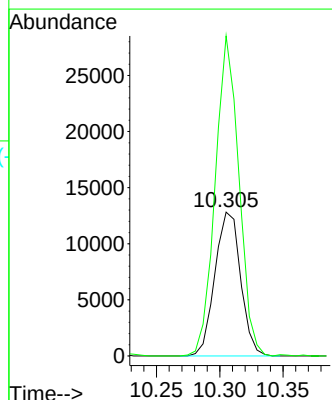
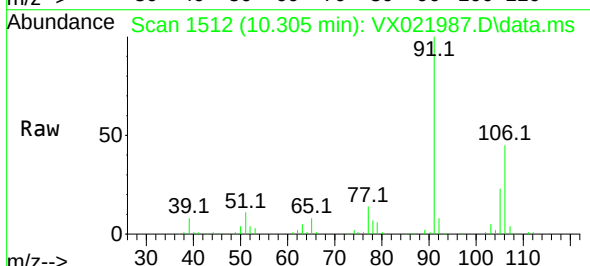
Manual Integrations
APPROVED

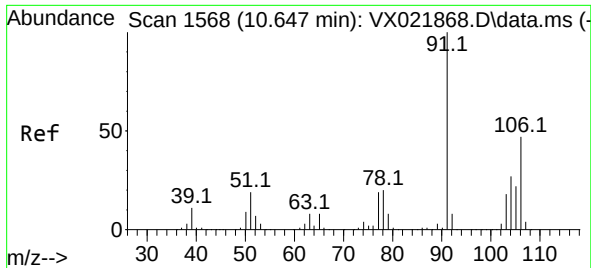
MMDadoda
5/17/2021 2:34:17 PM



#68
m/p-Xylenes
Concen: 6.10 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 106 Resp: 18117
Ion Ratio Lower Upper
106 100
91 204.6 162.8 244.2





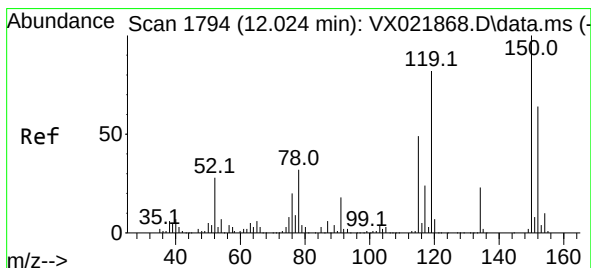
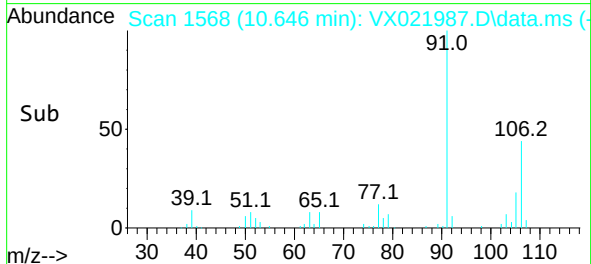
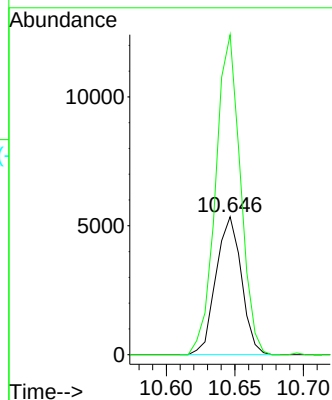
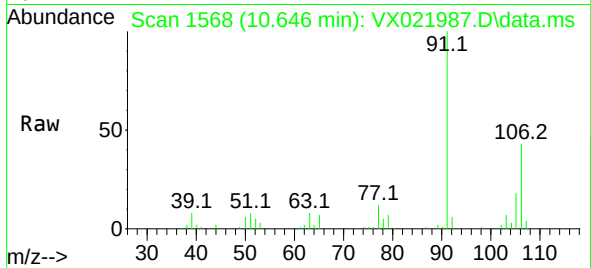
#69
o-Xylene
Concen: 2.33 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion:106 Resp: 6907
Ion Ratio Lower Upper
106 100
91 225.9 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
KTW-02DL

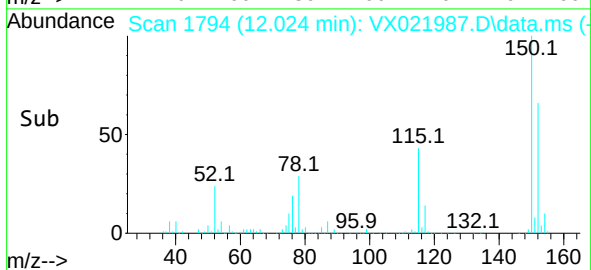
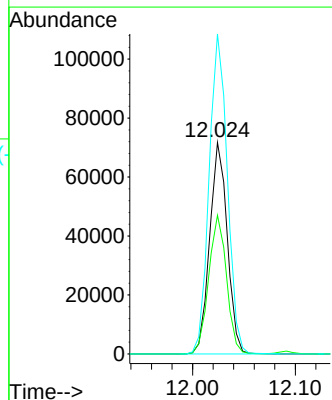
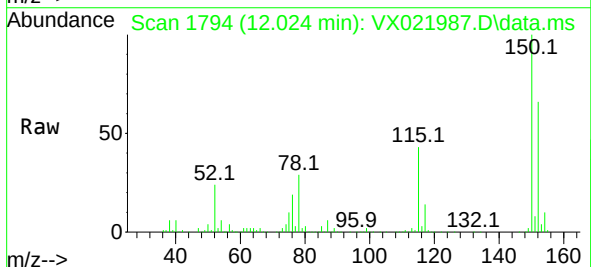
Manual Integrations
APPROVED

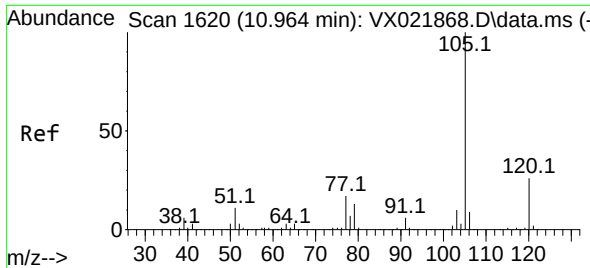
MMDadoda
5/17/2021 2:34:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion:152 Resp: 85533
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 156.3 0.0 349.0





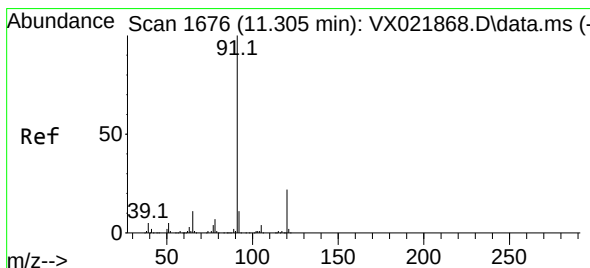
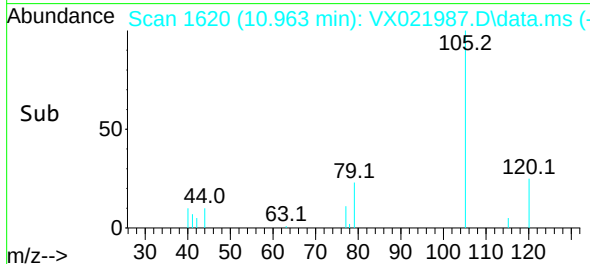
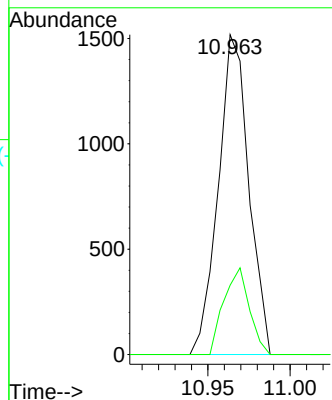
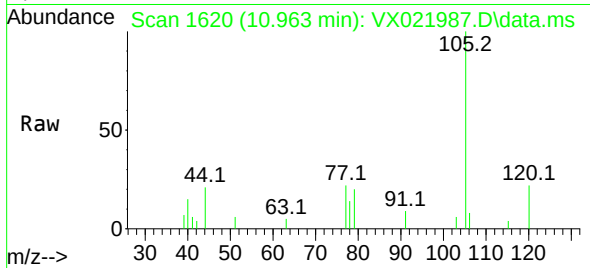
#73
Isopropylbenzene
Concen: 0.25 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Tgt Ion: 105 Resp: 1957
Ion Ratio Lower Upper
105 100
120 22.8 13.2 39.6

Instrument :
MSVOA_X
ClientSampled :
KTW-02DL

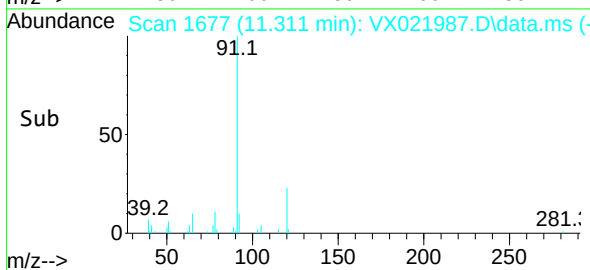
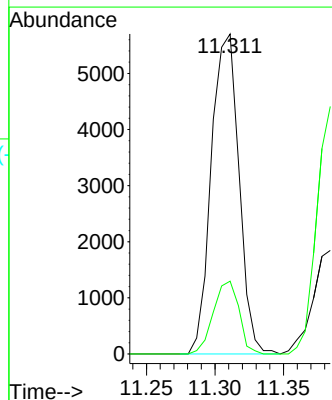
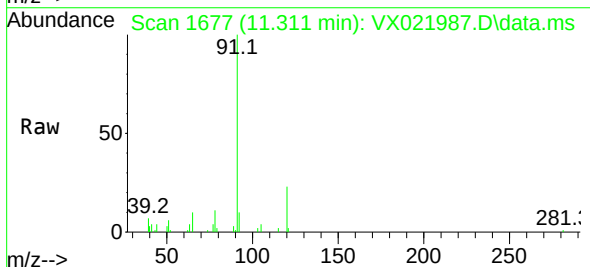
Manual Integrations
APPROVED

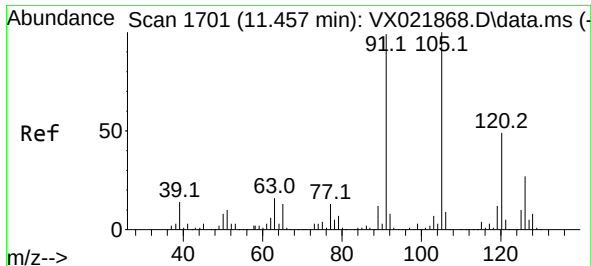
MMDadoda
5/17/2021 2:34:17 PM



#78
n-propylbenzene
Concen: 0.87 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

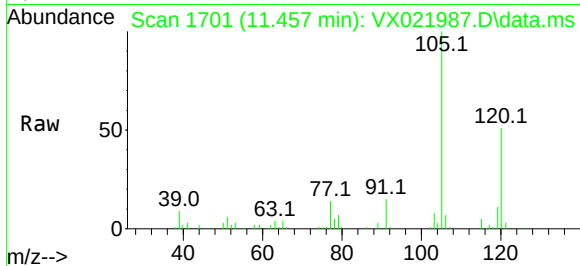
Tgt Ion: 91 Resp: 8004
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 2.31 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

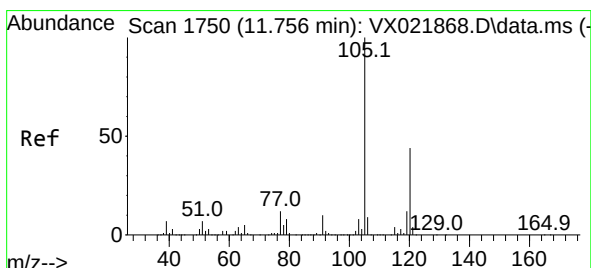
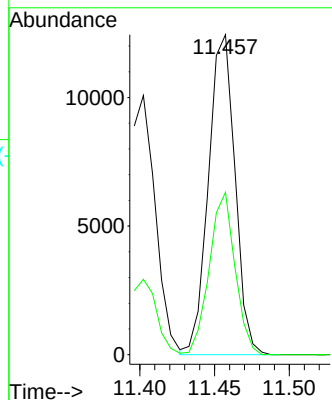
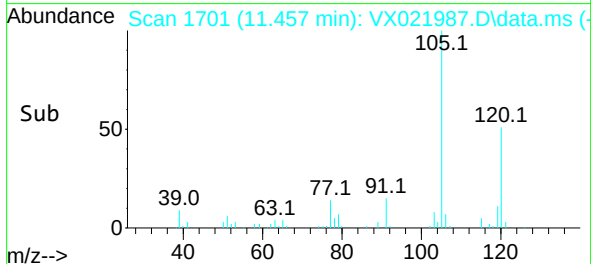
Instrument :
MSVOA_X
ClientSampled :
KTW-02DL



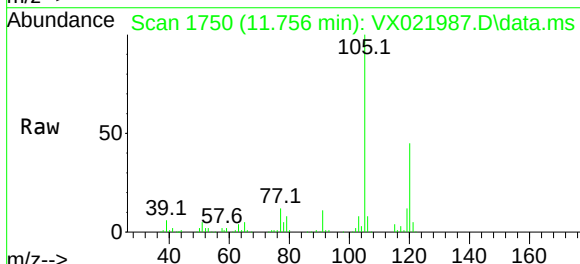
Tgt Ion:105 Resp: 15373
Ion Ratio Lower Upper
105 100
120 49.2 23.8 71.5

Manual Integrations
APPROVED

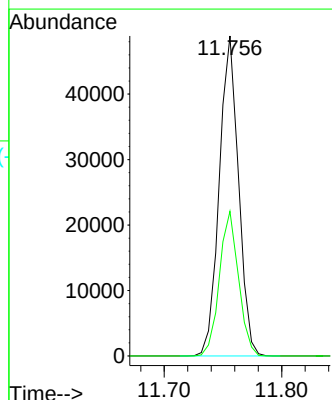
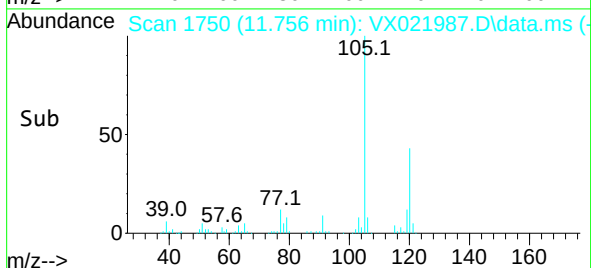
MMDadoda
5/17/2021 2:34:17 PM

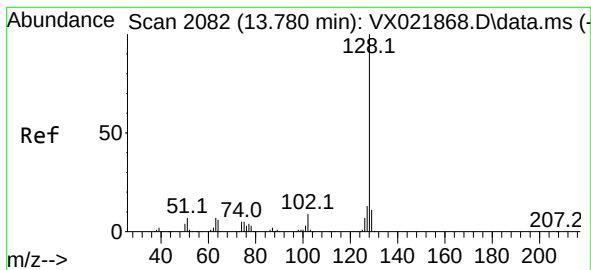


#84
1,2,4-Trimethylbenzene
Concen: 8.35 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01



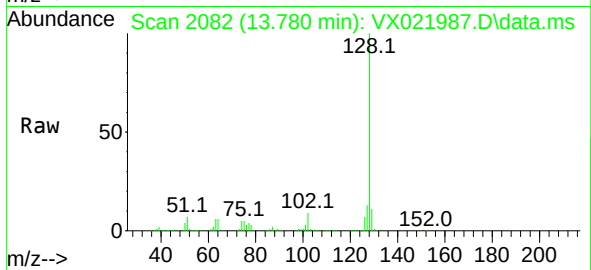
Tgt Ion:105 Resp: 55689
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#95
Naphthalene
Concen: 57.92 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021987.D
Acq: 14 May 2021 12:01

Instrument :
MSVOA_X
ClientSampleId :
KTW-02DL



Tgt Ion:128 Resp: 444088
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
5/17/2021 2:34:17 PM

