

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021573.D
 Acq On : 29 Mar 2021 13:42
 Operator : JC/MD
 Sample : M1785-14DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3RDL

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 6:28:25 PM

Quant Time: Mar 30 03:27:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	62545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53558	51.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.94%			
35) Dibromofluoromethane	5.464	113	41063	50.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.14%			
50) Toluene-d8	8.694	98	145889	50.42	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.84%			
62) 4-Bromofluorobenzene	11.118	95	64057	56.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.88%			
Target Compounds					Qvalue	
39) Methylcyclohexane	7.429	83	547	0.44	ug/l #	83
67) Ethyl Benzene	10.235	91	5750	1.30	ug/l	100
68) m/p-Xylenes	10.341	106	7938	5.03	ug/l	89
69) o-Xylene	10.683	106	711	0.46	ug/l	81
73) Isopropylbenzene	11.000	105	20943	5.01	ug/l	99
78) n-propylbenzene	11.342	91	43954	8.90	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	8097	2.27	ug/l	97
83) tert-Butylbenzene	11.753	119	3160	0.91	ug/l	84
84) 1,2,4-Trimethylbenzene	11.789	105	177928	49.42	ug/l	98
85) sec-Butylbenzene	11.930	105	15344	3.83	ug/l	98
86) p-Isopropyltoluene	12.047	119	3780m	1.04	ug/l	
89) n-Butylbenzene	12.371	91	7801	2.33	ug/l #	71

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

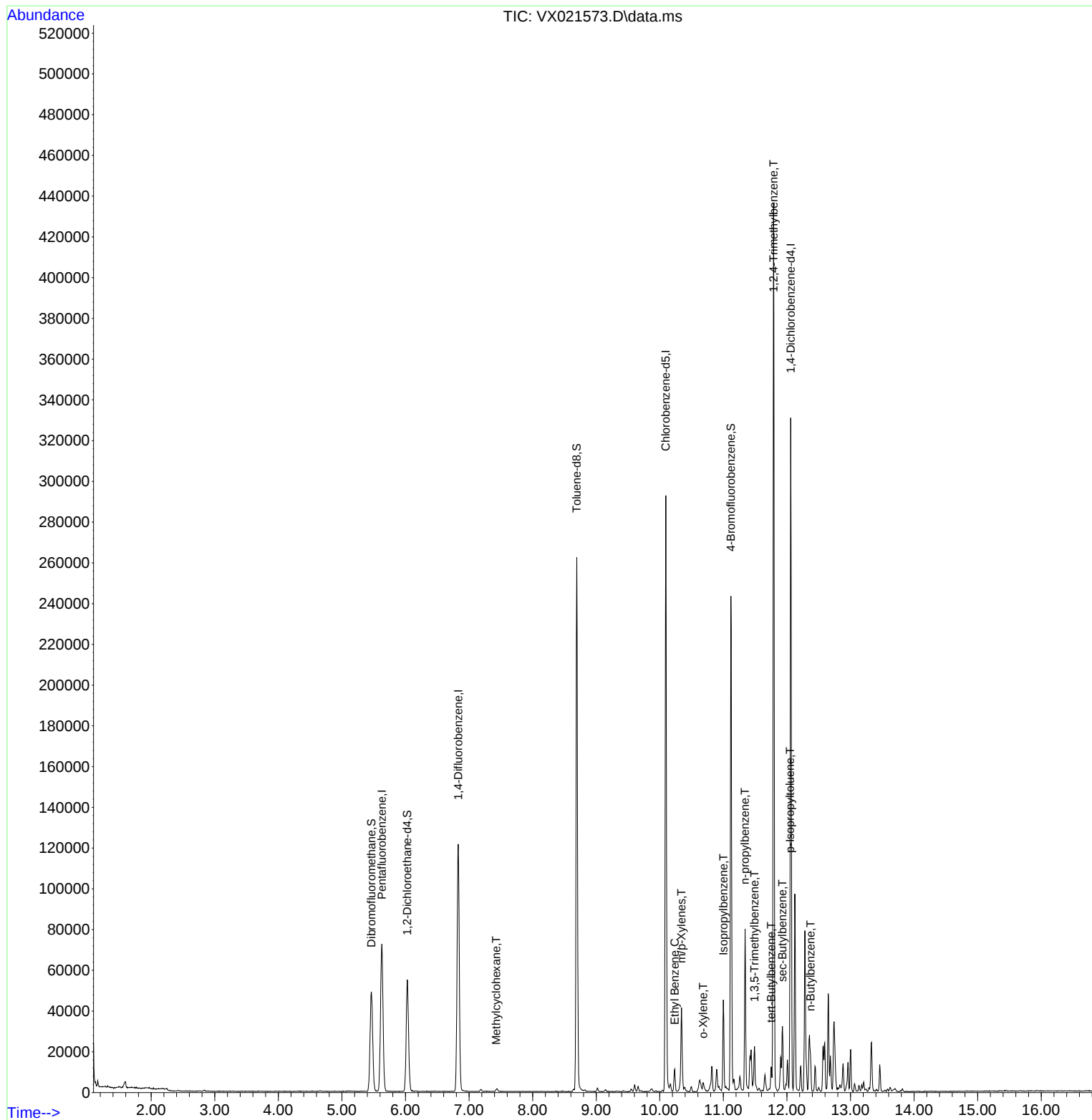
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021573.D
Acq On : 29 Mar 2021 13:42
Operator : JC/MD
Sample : M1785-14DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

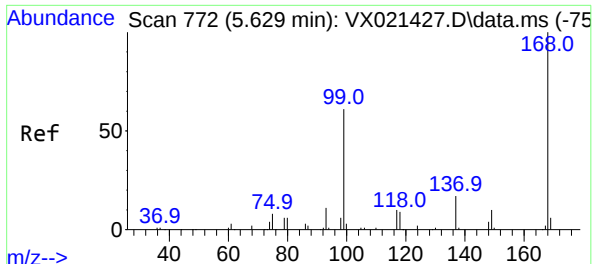
Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL

Manual Integrations
APPROVED

MMDadoda
3/31/2021 6:28:25 PM

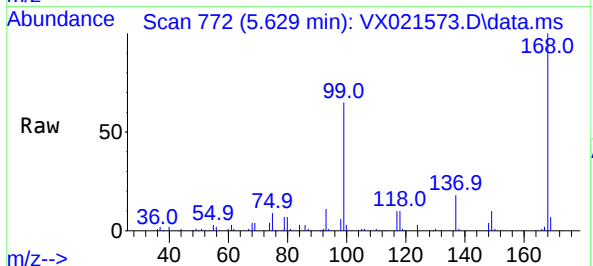
Quant Time: Mar 30 03:27:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

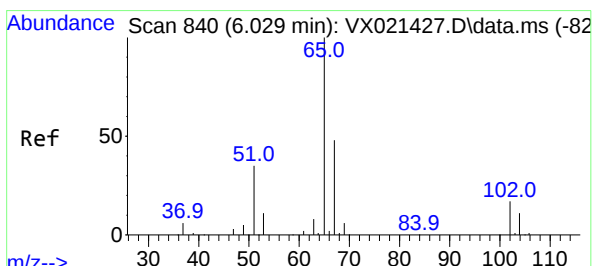
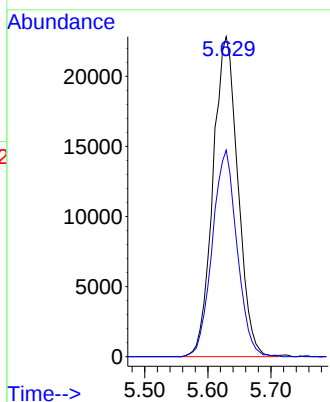
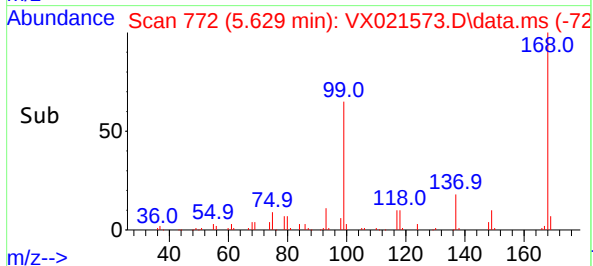
Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL



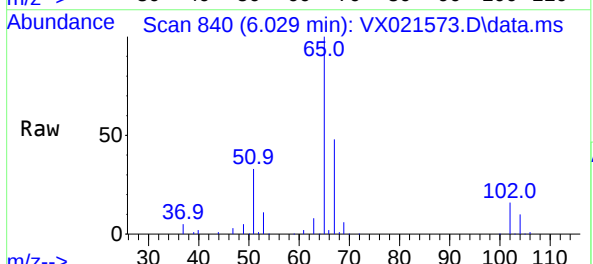
Tgt Ion:168 Resp: 62545
Ion Ratio Lower Upper
168 100
99 64.5 45.8 68.6

Manual Integrations
APPROVED

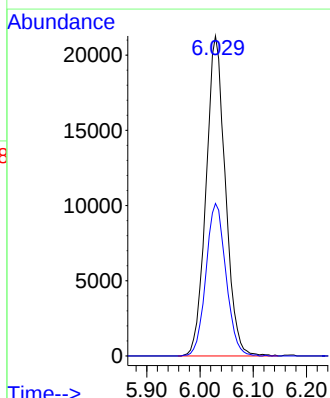
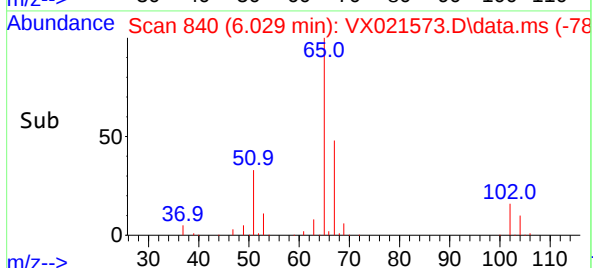
MMDadoda
3/31/2021 6:28:25 PM

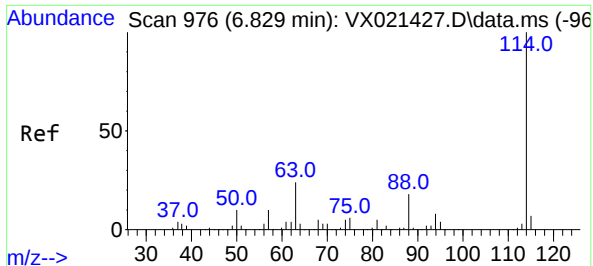


#33
1,2-Dichloroethane-d4
Concen: 51.47 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



Tgt Ion: 65 Resp: 53558
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4





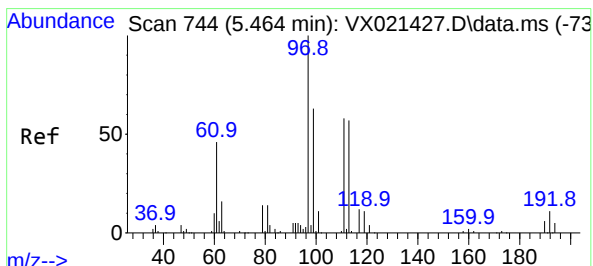
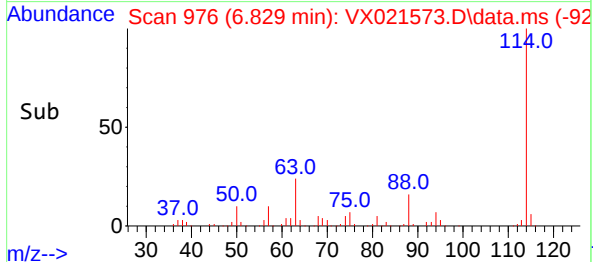
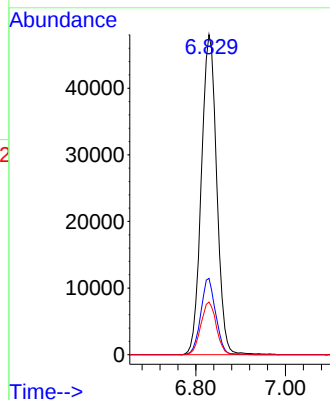
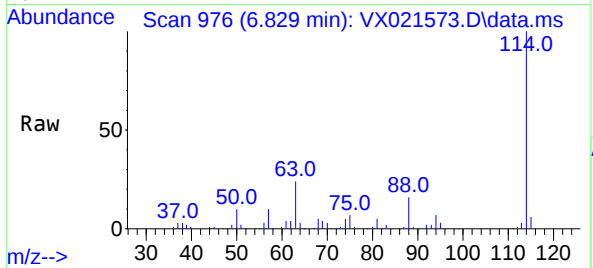
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Tgt Ion:	114	Resp:	114308
Ion Ratio	Lower	Upper	
114	100		
63	23.8	0.0	40.8
88	16.4	0.0	32.8

Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL

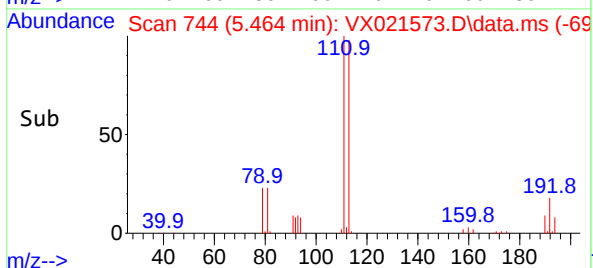
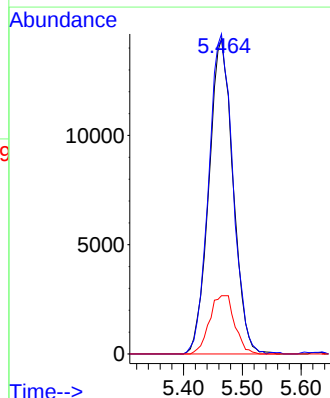
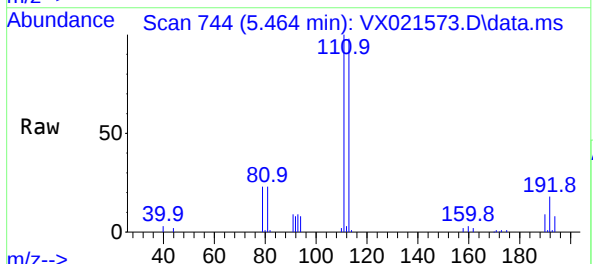
Manual Integrations
APPROVED

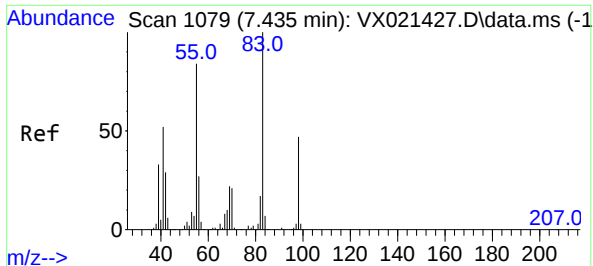
MMDadoda
3/31/2021 6:28:25 PM



#35
Dibromofluoromethane
Concen: 50.57 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Tgt Ion:	113	Resp:	41063
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	19.3	16.7	25.1





#39

Methylcyclohexane

Concen: 0.44 ug/l

RT: 7.429 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX021573.D

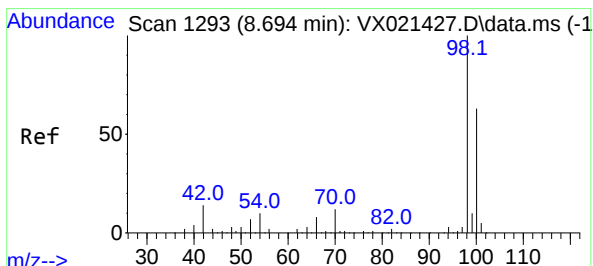
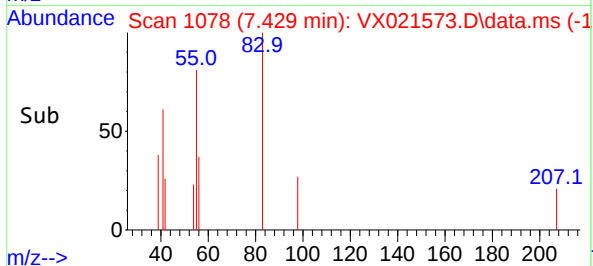
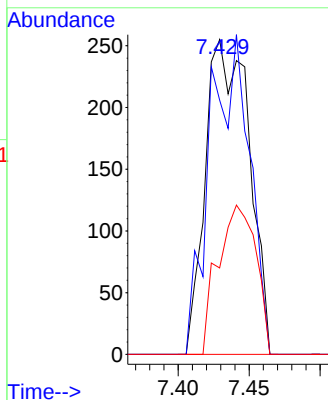
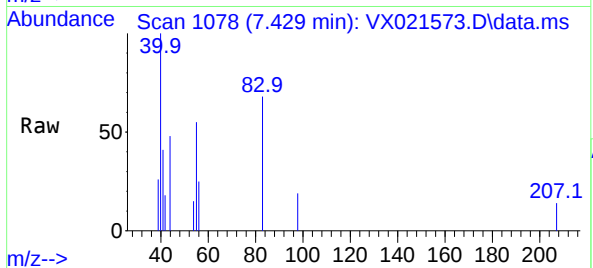
Acq: 29 Mar 2021 13:42

Tgt Ion:	83	Resp:	547
Ion	Ratio	Lower	Upper
83	100		
55	80.8	58.9	88.3
98	27.5	38.1	57.1#

Instrument :
MSVOA_X
ClientSampled :
MW-3RDL

Manual Integrations
APPROVED

MMDadoda
3/31/2021 6:28:25 PM



#50

Toluene-d8

Concen: 50.42 ug/l

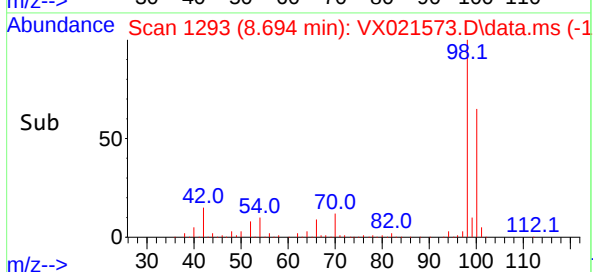
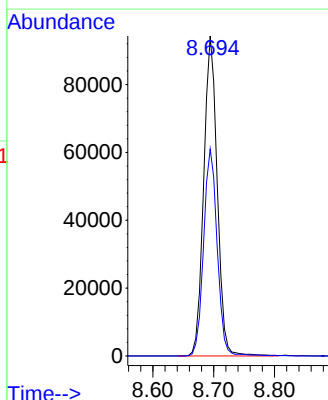
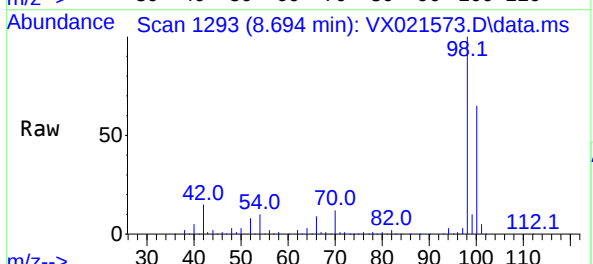
RT: 8.694 min Scan# 1293

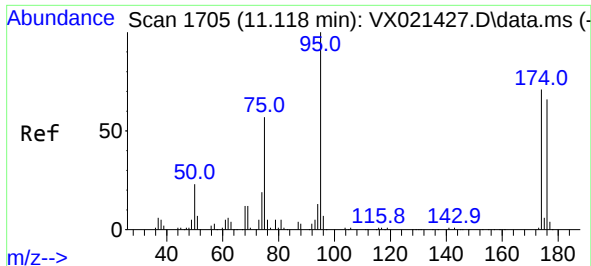
Delta R.T. 0.000 min

Lab File: VX021573.D

Acq: 29 Mar 2021 13:42

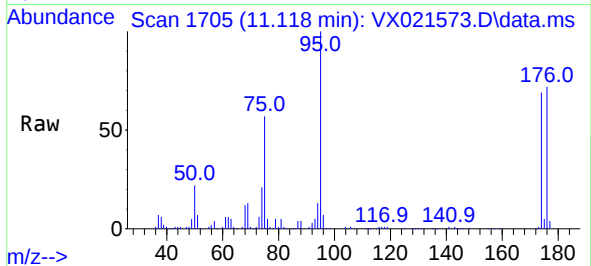
Tgt Ion:	98	Resp:	145889
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





#62
4-Bromofluorobenzene
Concen: 56.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

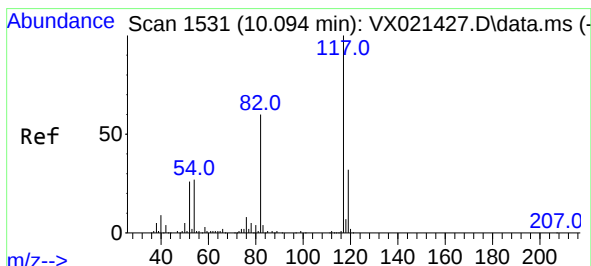
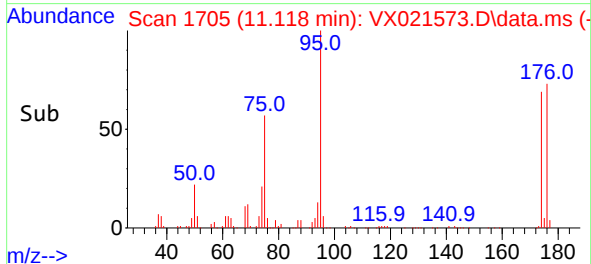
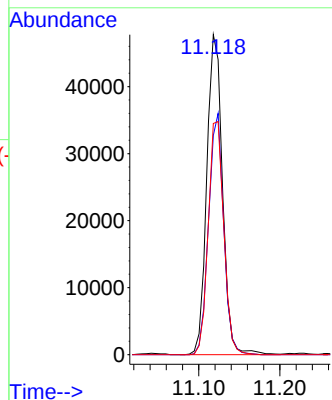
Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL



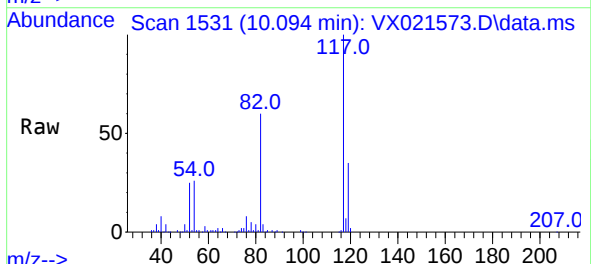
Tgt Ion: 95 Resp: 64057
Ion Ratio Lower Upper
95 100
174 72.0 0.0 154.6
176 72.1 0.0 155.8

Manual Integrations
APPROVED

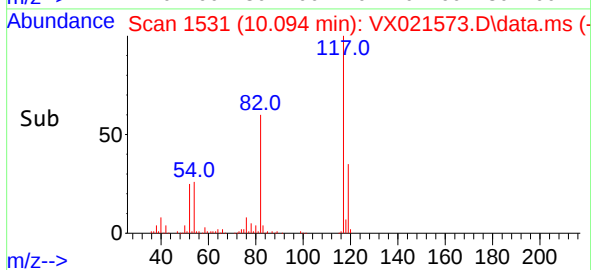
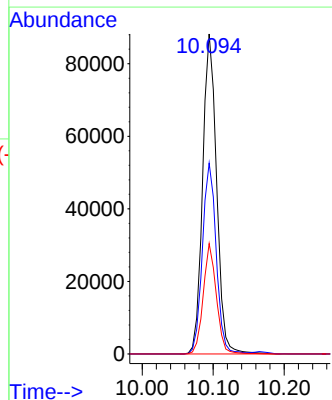
MMDadoda
3/31/2021 6:28:25 PM

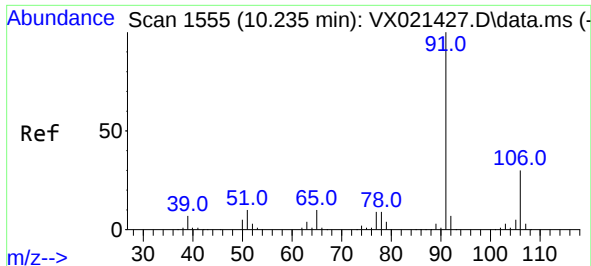


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



Tgt Ion: 117 Resp: 121053
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 34.5 26.6 39.8





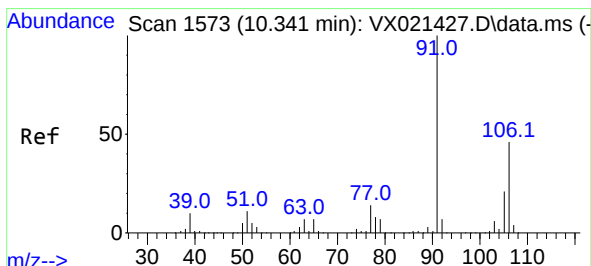
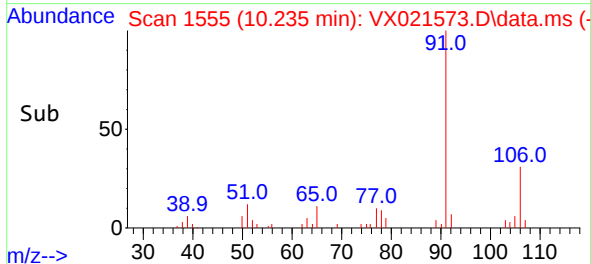
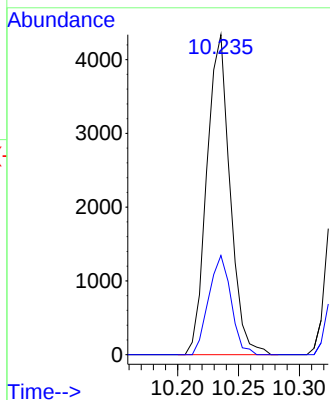
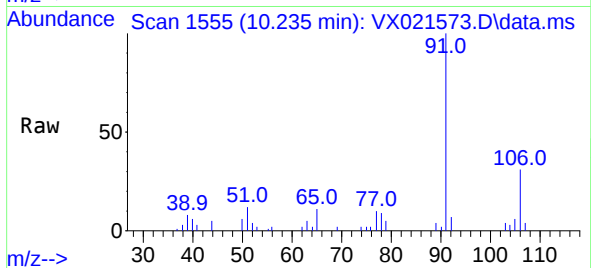
#67
Ethyl Benzene
Concen: 1.30 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Instrument :
MSVOA_X
ClientSampled :
MW-3RDL

Tgt Ion: 91 Resp: 5750
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

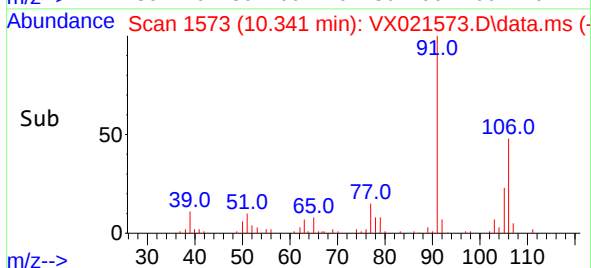
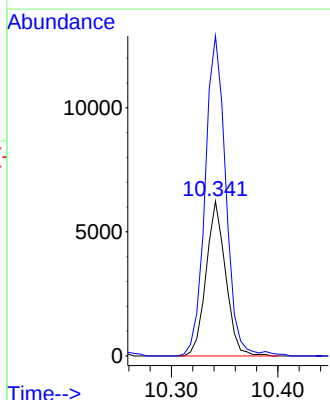
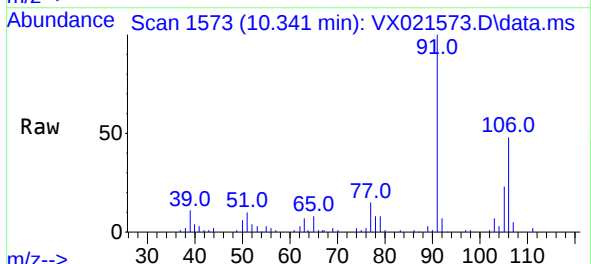
Manual Integrations
APPROVED

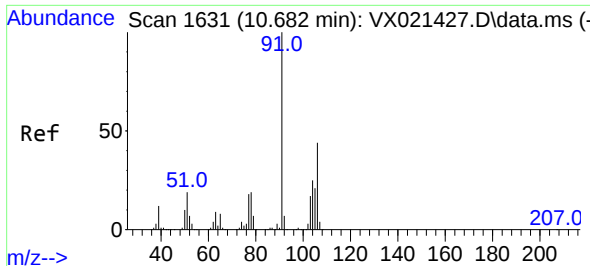
MMDadoda
3/31/2021 6:28:25 PM



#68
m/p-Xylenes
Concen: 5.03 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

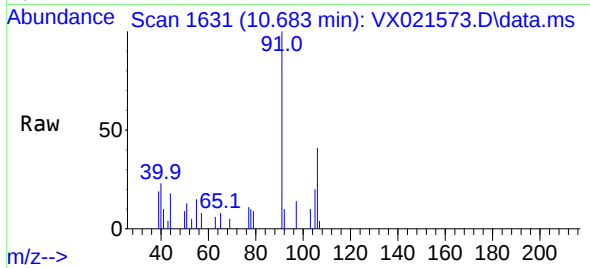
Tgt Ion: 106 Resp: 7938
Ion Ratio Lower Upper
106 100
91 219.8 162.8 244.2





#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

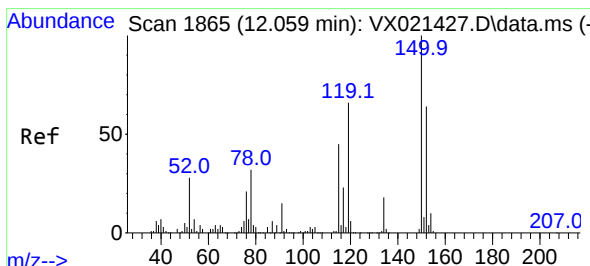
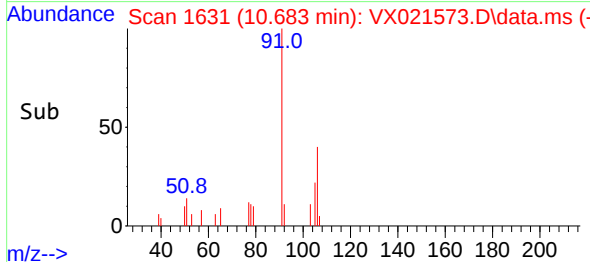
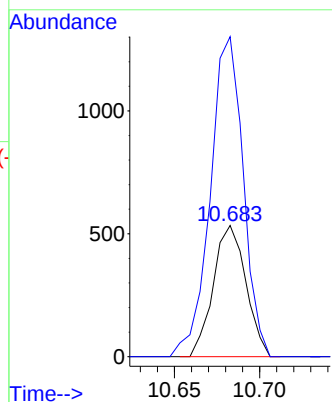
Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL



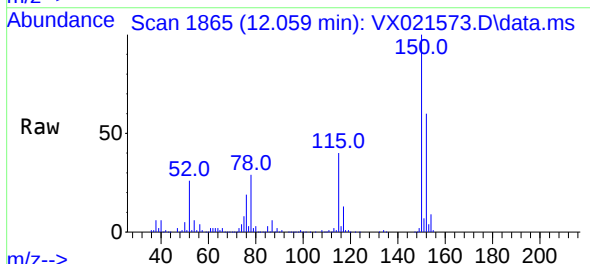
Tgt Ion:106 Resp: 711
Ion Ratio Lower Upper
106 100
91 246.4 108.1 324.2

Manual Integrations
APPROVED

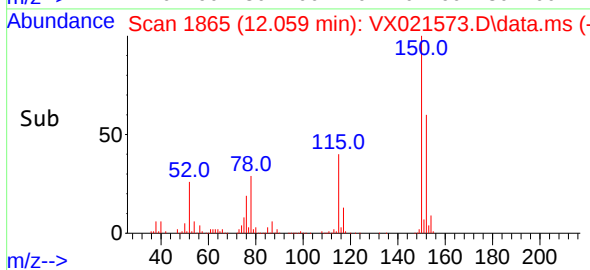
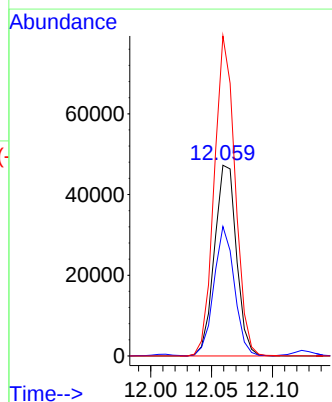
MMDadoda
3/31/2021 6:28:25 PM

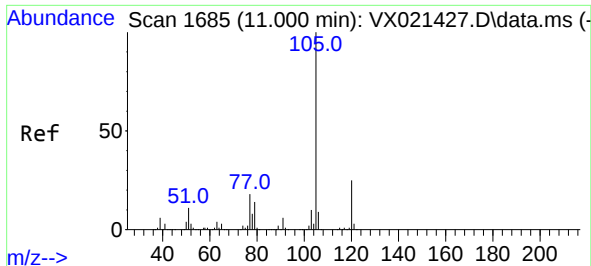


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



Tgt Ion:152 Resp: 59501
Ion Ratio Lower Upper
152 100
115 63.3 41.1 123.3
150 158.9 0.0 349.0





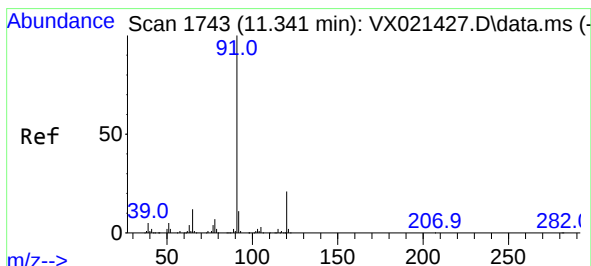
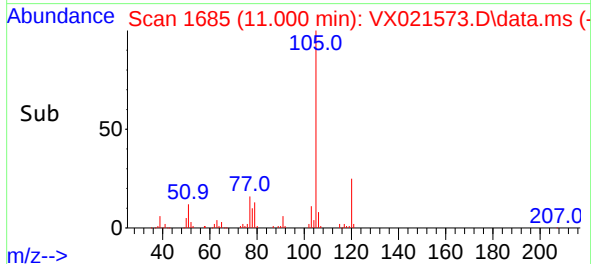
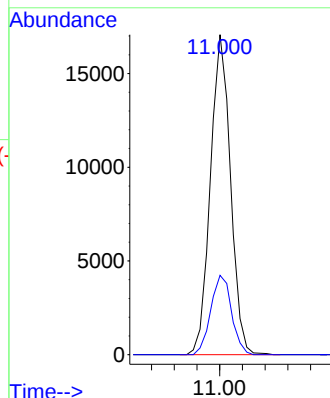
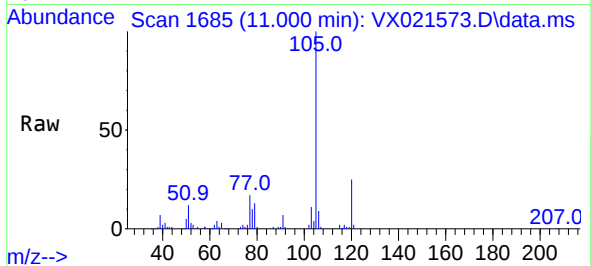
#73
Isopropylbenzene
Concen: 5.01 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.2	39.6

Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL

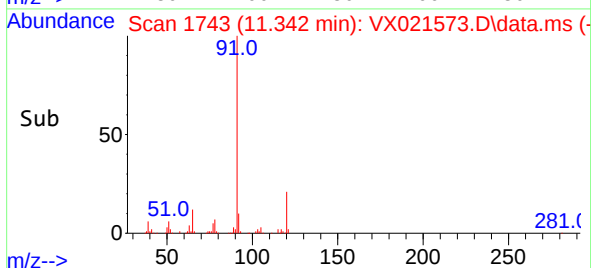
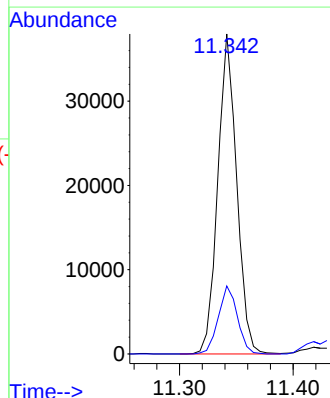
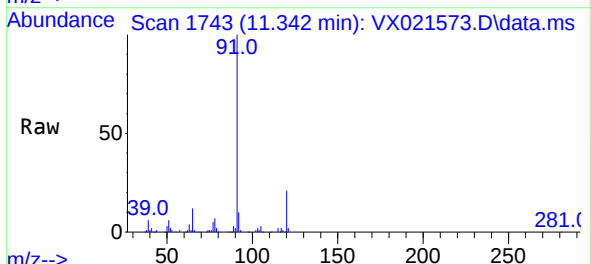
Manual Integrations
APPROVED

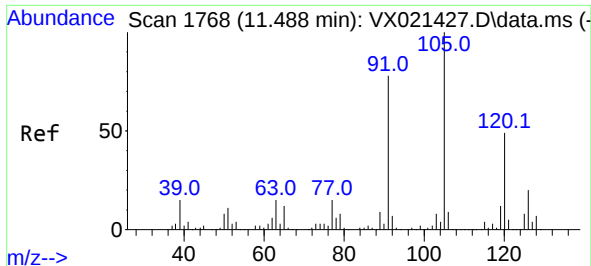
MMDadoda
3/31/2021 6:28:25 PM



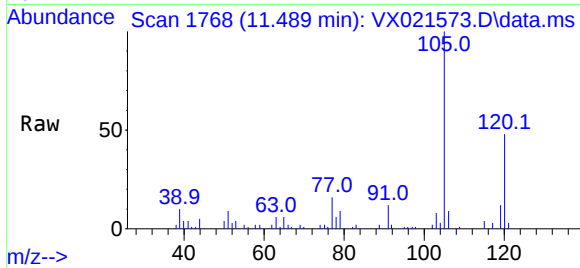
#78
n-propylbenzene
Concen: 8.90 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. 0.001 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.5	34.5

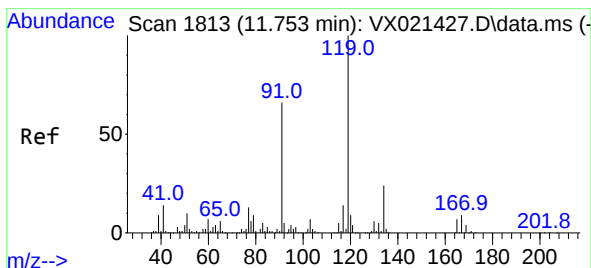
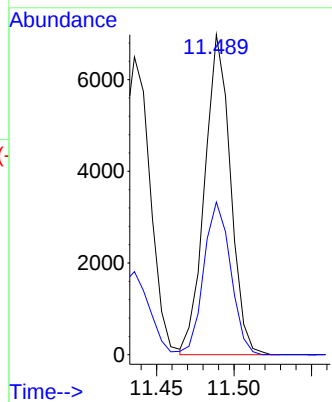
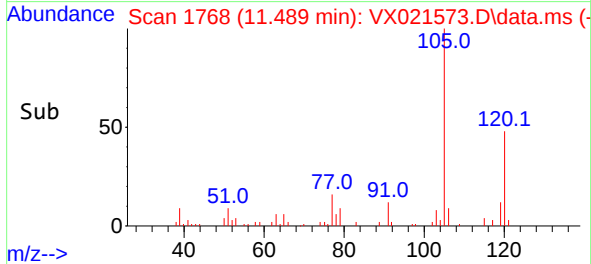




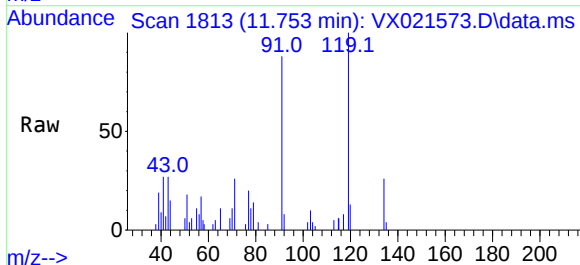
#80
1,3,5-Trimethylbenzene
Concen: 2.27 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



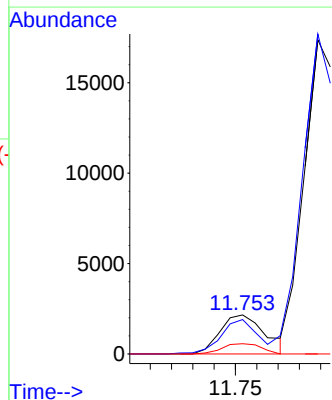
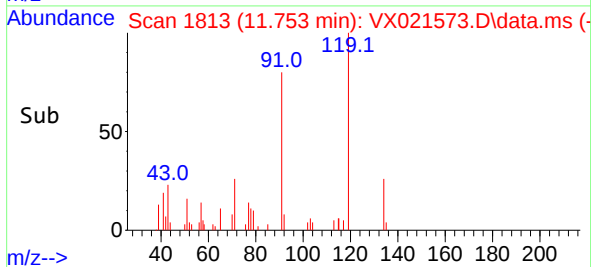
Tgt Ion:105 Resp: 8097
Ion Ratio Lower Upper
105 100
120 49.7 23.8 71.5



#83
tert-Butylbenzene
Concen: 0.91 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



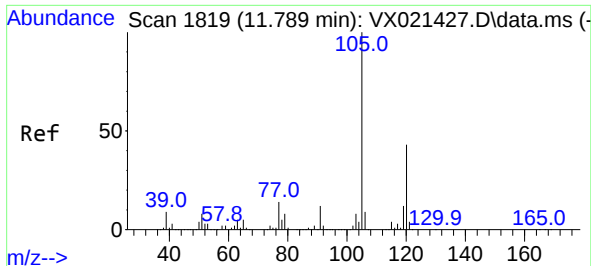
Tgt Ion:119 Resp: 3160
Ion Ratio Lower Upper
119 100
91 71.6 27.9 83.7
134 22.9 11.3 33.9



Instrument :
MSVOA_X
ClientSampled :
MW-3RDL

Manual Integrations
APPROVED

MMDadoda
3/31/2021 6:28:25 PM



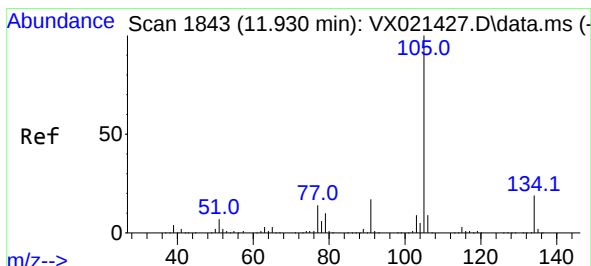
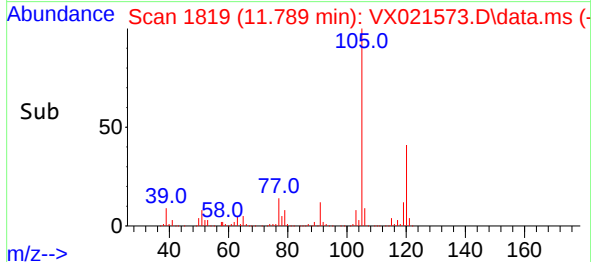
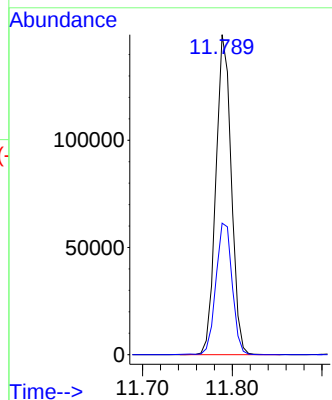
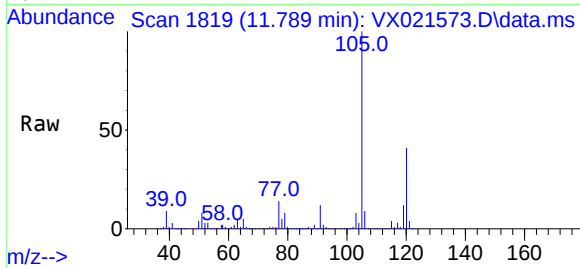
#84
1,2,4-Trimethylbenzene
Concen: 49.42 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

Tgt Ion:105 Resp: 177928
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.3

Instrument :
MSVOA_X
ClientSampleId :
MW-3RDL

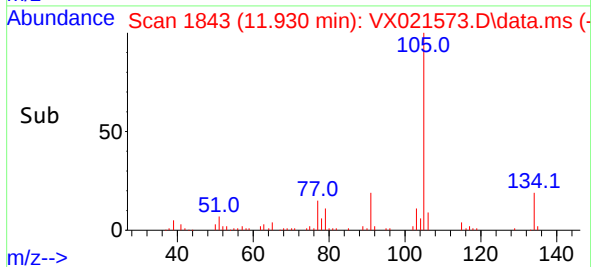
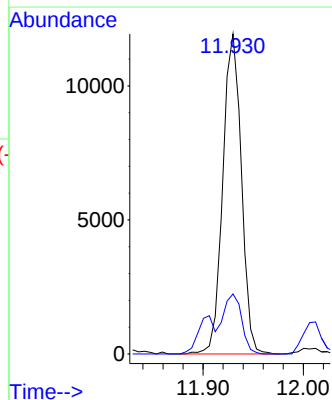
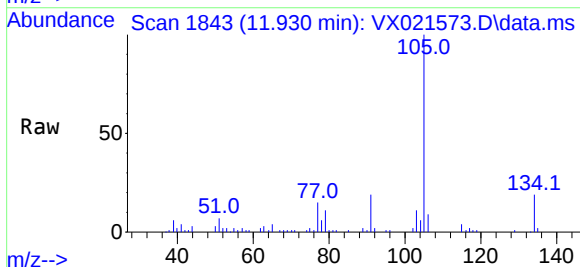
Manual Integrations
APPROVED

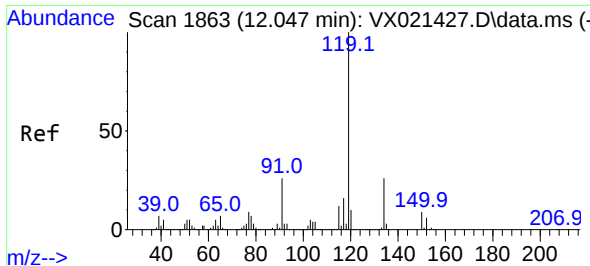
MMDadoda
3/31/2021 6:28:25 PM



#85
sec-Butylbenzene
Concen: 3.83 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

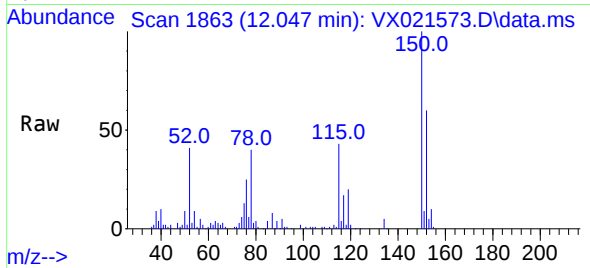
Tgt Ion:105 Resp: 15344
Ion Ratio Lower Upper
105 100
134 18.8 10.0 29.8





#86
p-Isopropyltoluene
Concen: 1.04 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42

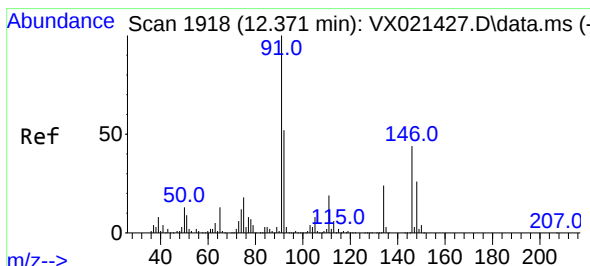
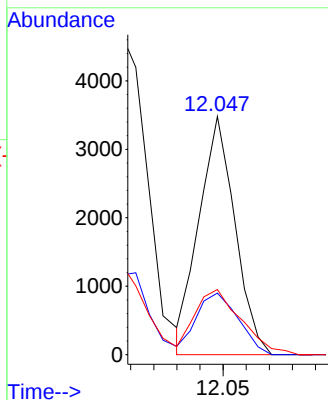
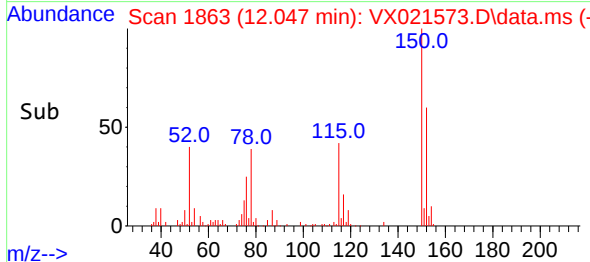
Instrument :
MSVOA_X
ClientSampled :
MW-3RDL



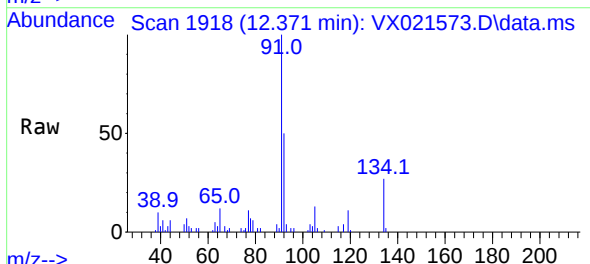
Tgt Ion: 119 Resp: 3780
Ion Ratio Lower Upper
119 100
134 40.8 12.9 38.7#
91 44.6 11.7 35.0#

Manual Integrations
APPROVED

MMDadoda
3/31/2021 6:28:25 PM



#89
n-Butylbenzene
Concen: 2.33 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021573.D
Acq: 29 Mar 2021 13:42



Tgt Ion: 91 Resp: 7801
Ion Ratio Lower Upper
91 100
92 42.4 27.4 82.0
134 53.7 13.2 39.5#

