

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021154.D
 Acq On : 11 Mar 2021 14:21
 Operator : JC/MD
 Sample : M1619-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-BUR-1006-1008, BUR-1010

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:04:41 PM

Quant Time: Mar 12 02:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	203489	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	370116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	387640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	193363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	135091	49.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.30%			
35) Dibromofluoromethane	5.464	113	116217	51.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.36%			
50) Toluene-d8	8.694	98	478027	54.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.04%			
62) 4-Bromofluorobenzene	11.118	95	193296	59.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.24%			
Target Compounds						Qvalue
16) Acetone	2.417	43	241248	213.01	ug/l	99
22) Diisopropyl ether	3.817	45	7813	1.04	ug/l #	78
25) 2-Butanone	4.629	43	9575	5.57	ug/l	91
40) Benzene	6.111	78	73755	6.99	ug/l	98
52) Toluene	8.765	92	521748	79.45	ug/l	98
67) Ethyl Benzene	10.235	91	423893	28.64	ug/l	100
68) m/p-Xylenes	10.341	106	654780	120.22	ug/l	98
69) o-Xylene	10.682	106	431873	81.24	ug/l	96
73) Isopropylbenzene	11.000	105	71217	4.66	ug/l	99
78) n-propylbenzene	11.341	91	260790	14.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	427742	33.66	ug/l	95
84) 1,2,4-Trimethylbenzene	11.789	105	1800481	139.57	ug/l	97
85) sec-Butylbenzene	11.930	105	33783m	2.32	ug/l	
86) p-Isopropyltoluene	12.047	119	32437	2.43	ug/l	99
95) Naphthalene	13.818	128	639191	45.08	ug/l	99

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

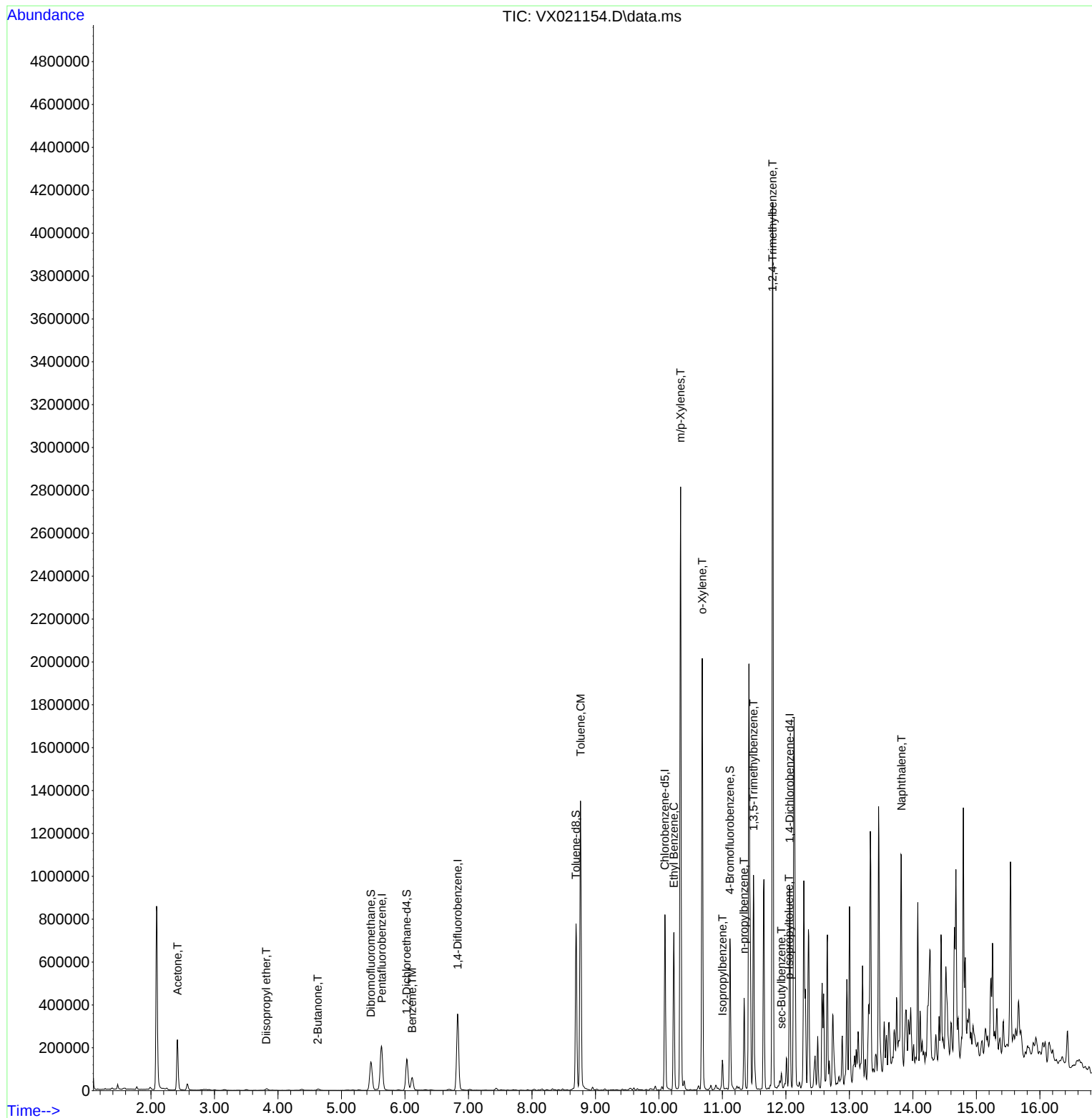
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
Data File : VX021154.D
Acq On : 11 Mar 2021 14:21
Operator : JC/MD
Sample : M1619-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

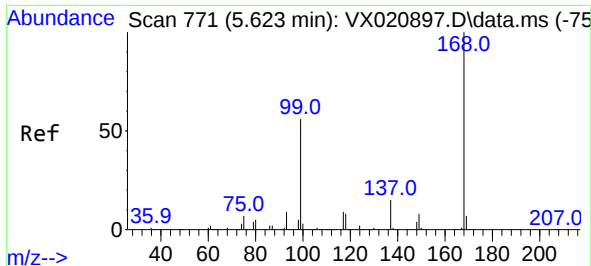
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:04:41 PM

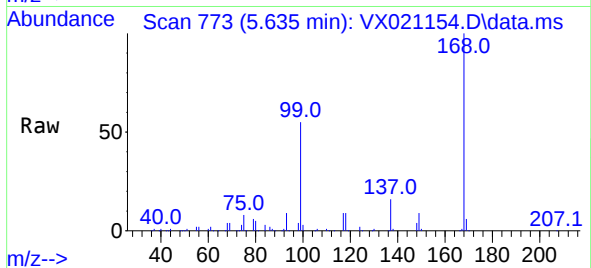
Quant Time: Mar 12 02:20:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

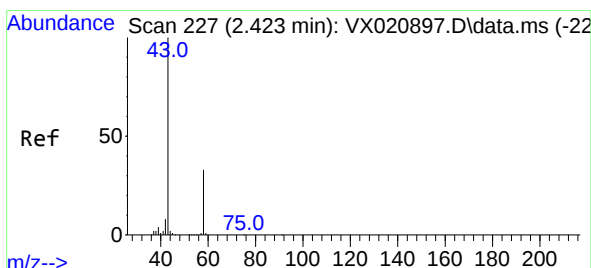
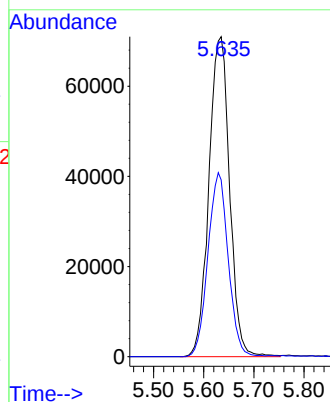
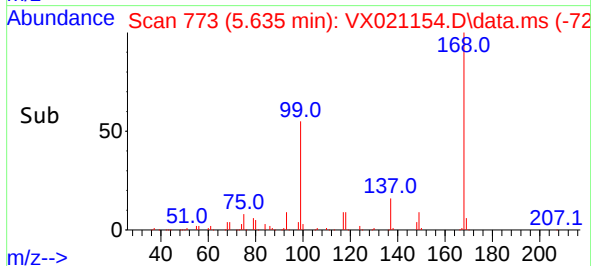
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



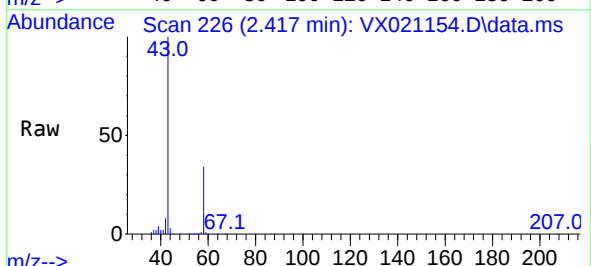
Tgt Ion:168 Resp: 203489
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6

Manual Integrations
APPROVED

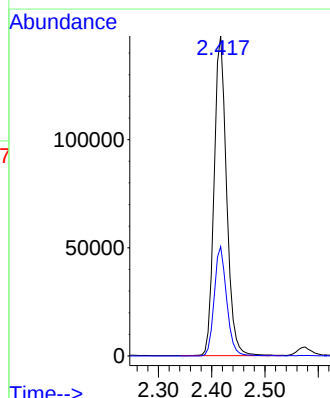
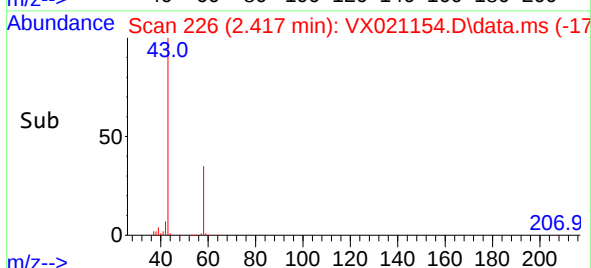
MMDadoda
3/12/2021 2:04:41 PM

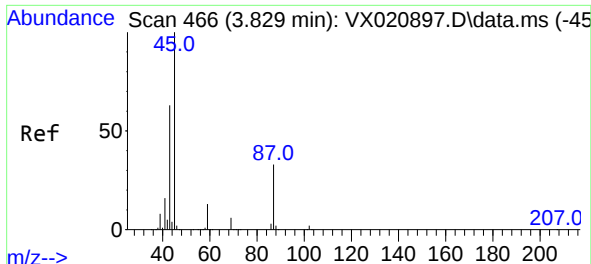


#16
Acetone
Concen: 213.01 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



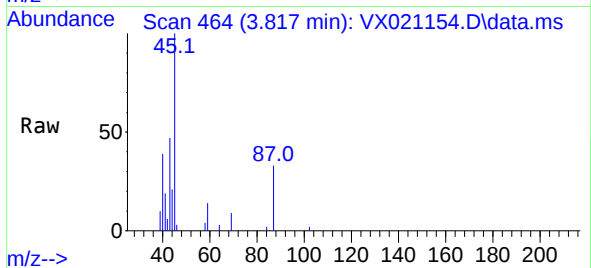
Tgt Ion: 43 Resp: 241248
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8





#22
Diisopropyl ether
Concen: 1.04 ug/l
RT: 3.817 min Scan# 464
Delta R.T. -0.012 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

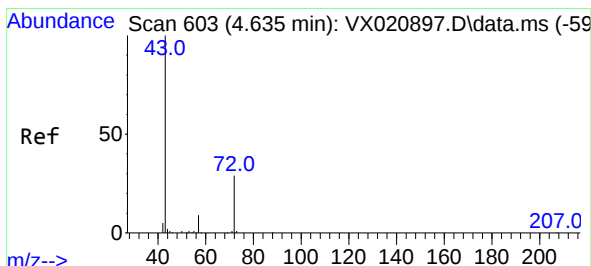
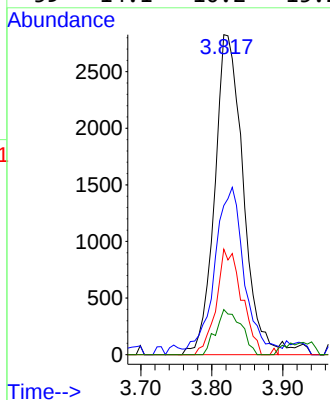
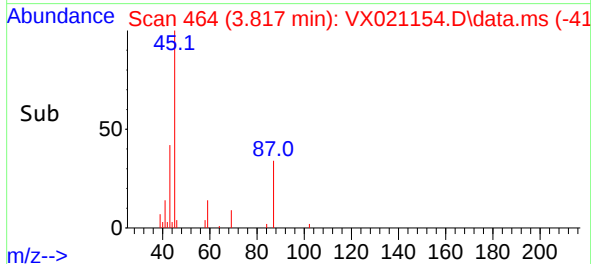
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



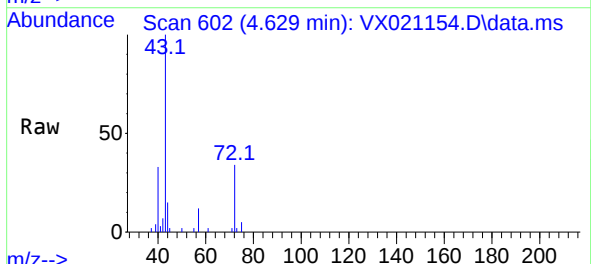
Tgt Ion: 45	Resp: 7813
Ion Ratio	Lower Upper
45 100	
43 44.5	58.0 87.0#
87 32.9	25.4 38.0
59 14.1	10.2 15.2

Manual Integrations
APPROVED

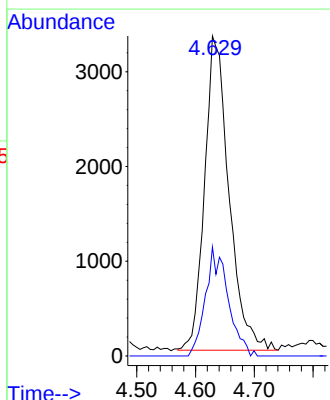
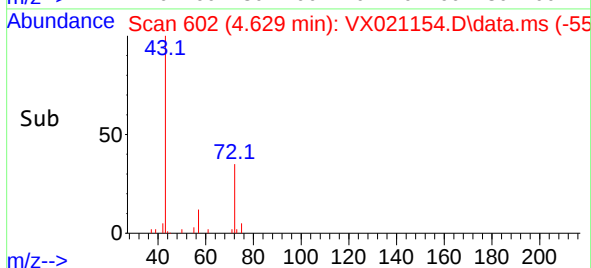
MMDadoda
3/12/2021 2:04:41 PM

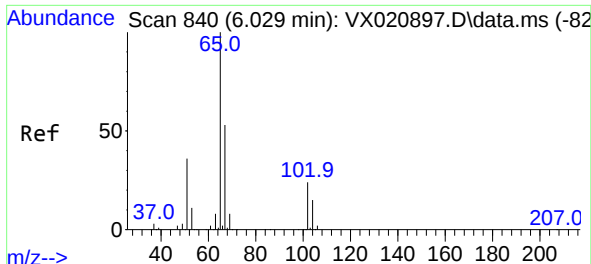


#25
2-Butanone
Concen: 5.57 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



Tgt Ion: 43	Resp: 9575		
Ion Ratio	Lower	Upper	
43 100			
72 34.7	23.7	35.5	





#33

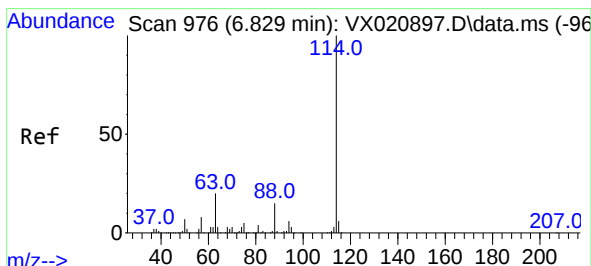
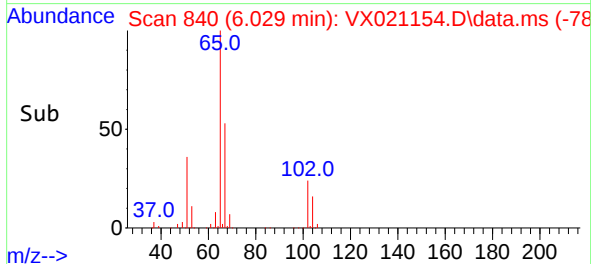
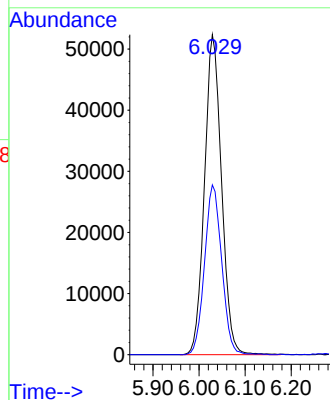
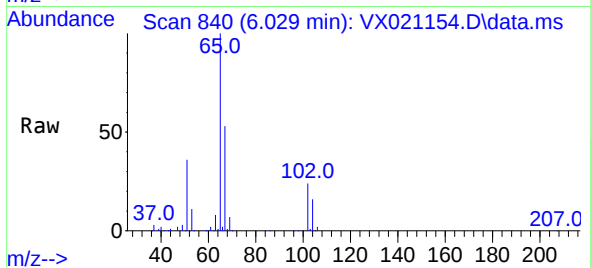
1,2-Dichloroethane-d4
Concen: 49.15 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

Tgt Ion: 65 Resp: 135091
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

Manual Integrations
APPROVED

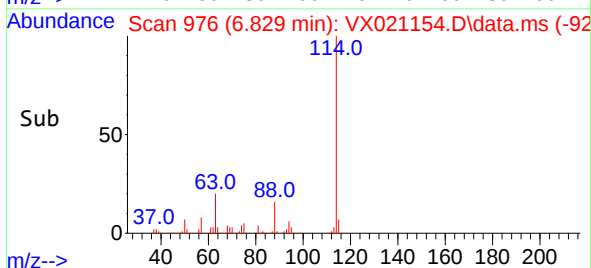
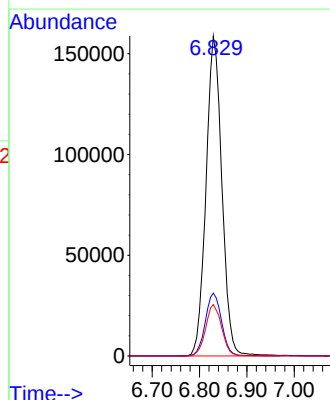
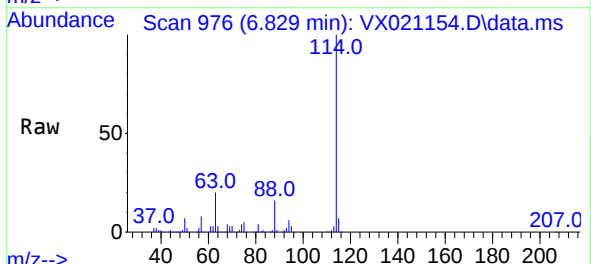
MMDadoda
3/12/2021 2:04:41 PM

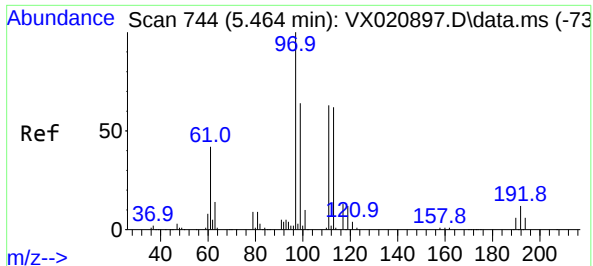


#34

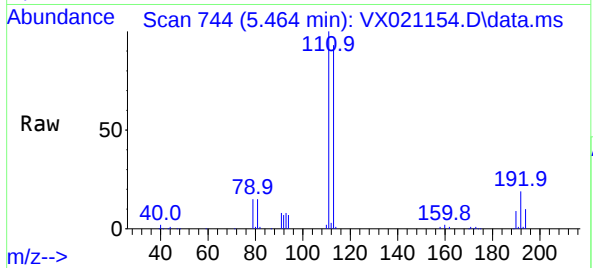
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

Tgt Ion:114 Resp: 370116
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.0 0.0 32.8

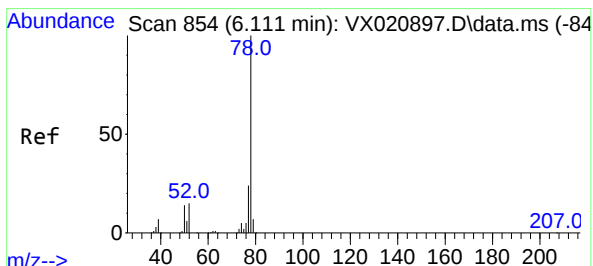
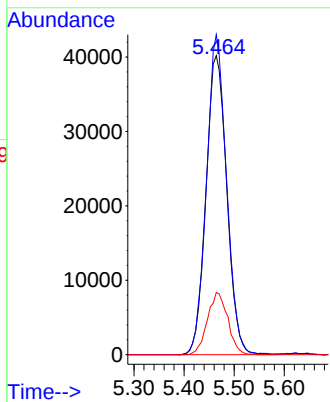
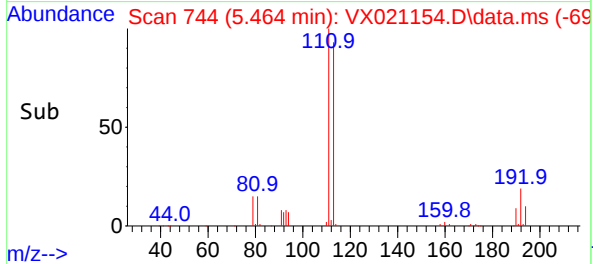




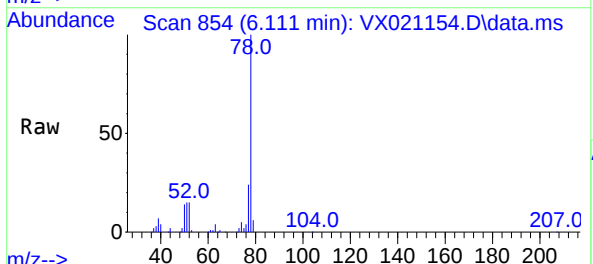
#35
Dibromofluoromethane
Concen: 51.68 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



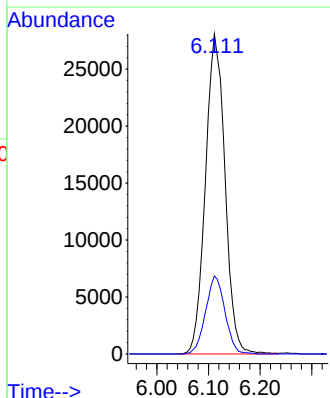
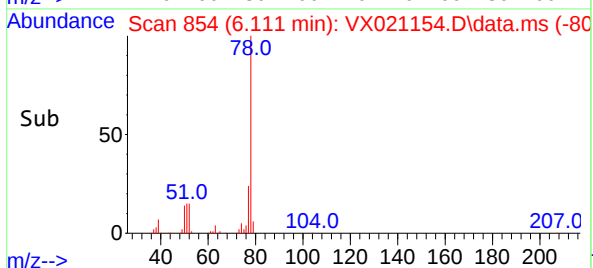
Tgt Ion:113 Resp: 116217
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.3 16.7 25.1



#40
Benzene
Concen: 6.99 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



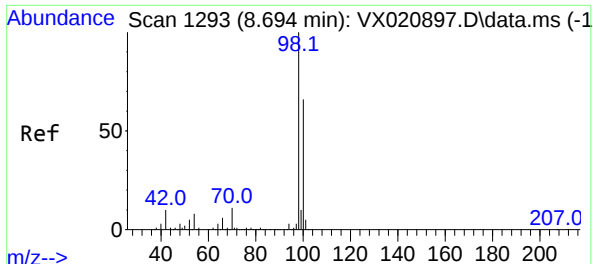
Tgt Ion: 78 Resp: 73755
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3



Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

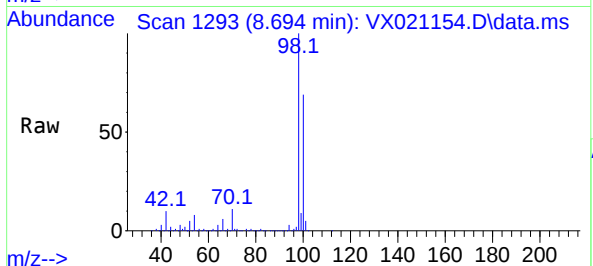
Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:04:41 PM



#50
Toluene-d8
Concen: 54.52 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

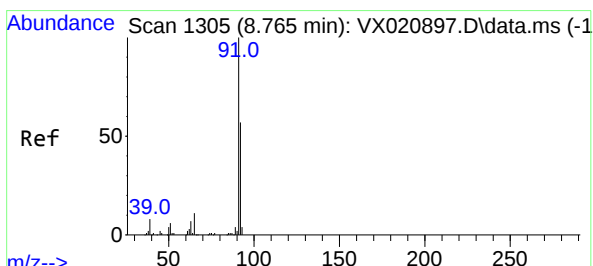
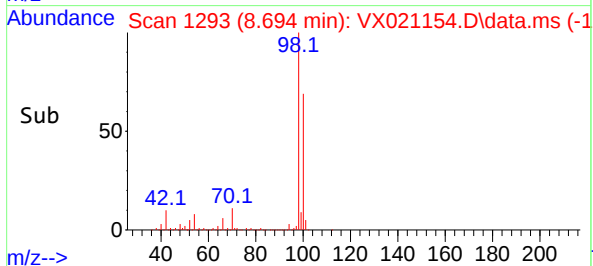
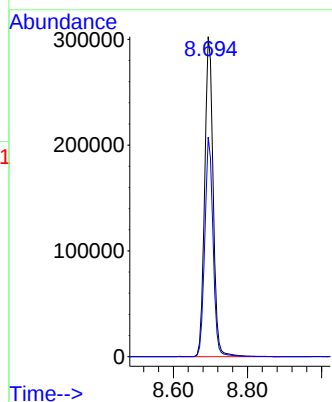
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



Tgt Ion: 98 Resp: 478027
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9

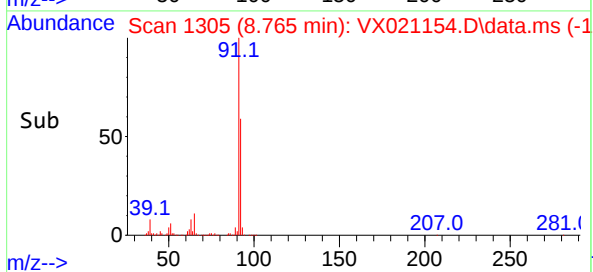
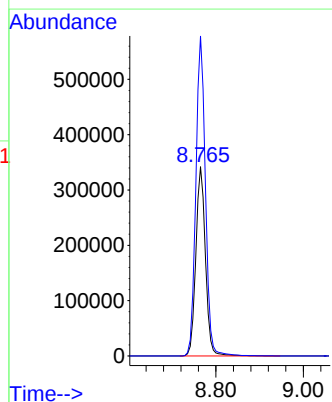
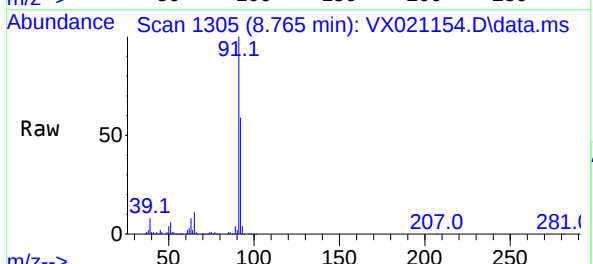
Manual Integrations
APPROVED

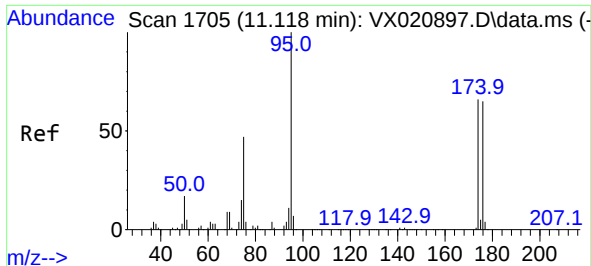
MMDadoda
3/12/2021 2:04:41 PM



#52
Toluene
Concen: 79.45 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

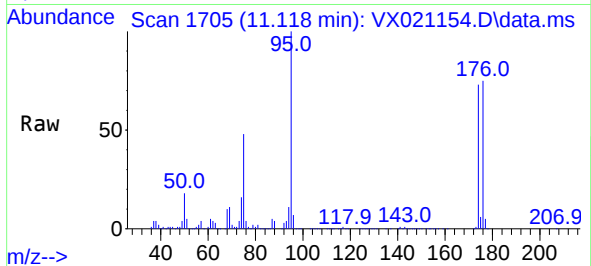
Tgt Ion: 92 Resp: 521748
Ion Ratio Lower Upper
92 100
91 169.1 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 59.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

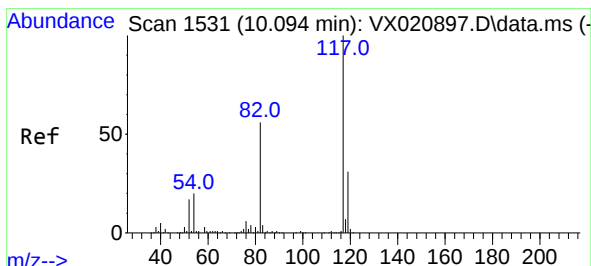
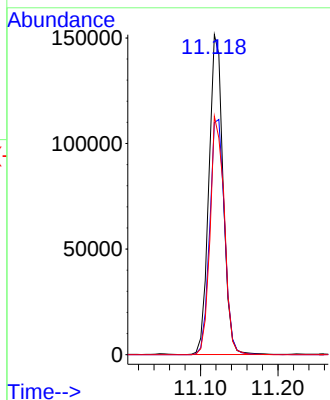
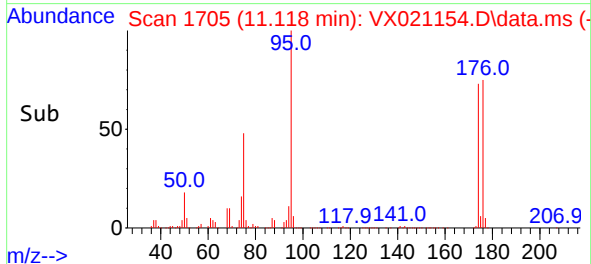
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



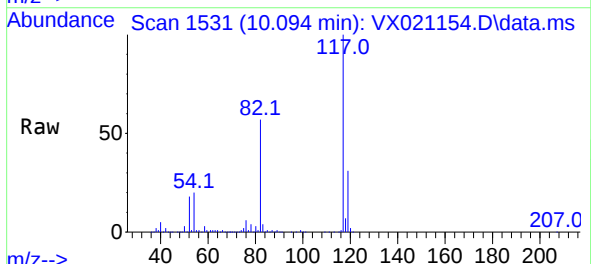
Tgt Ion: 95 Resp: 193296
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.3 0.0 155.8

Manual Integrations
APPROVED

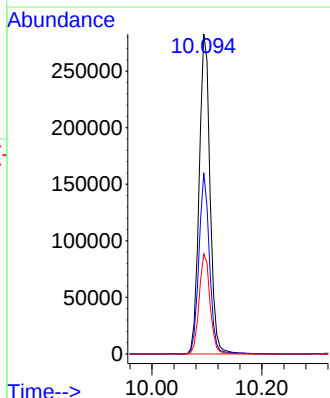
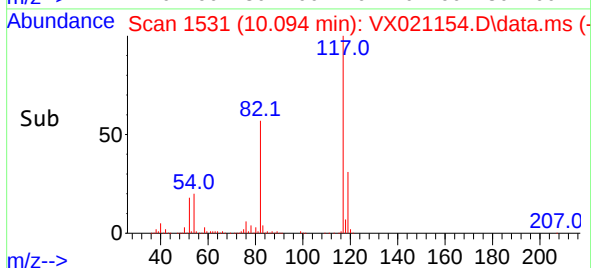
MMDadoda
3/12/2021 2:04:41 PM

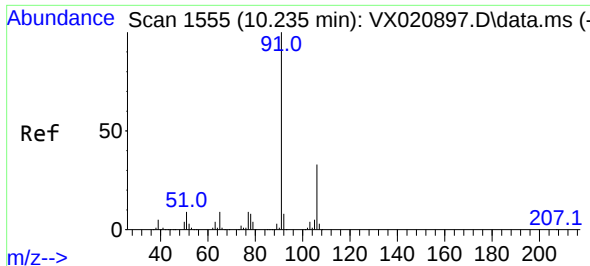


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



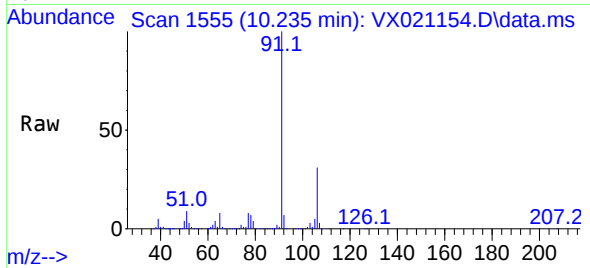
Tgt Ion: 117 Resp: 387640
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.2 26.6 39.8





#67
Ethyl Benzene
Concen: 28.64 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

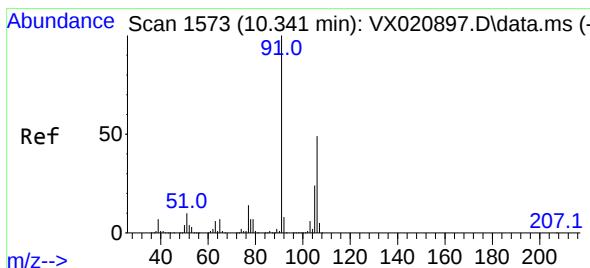
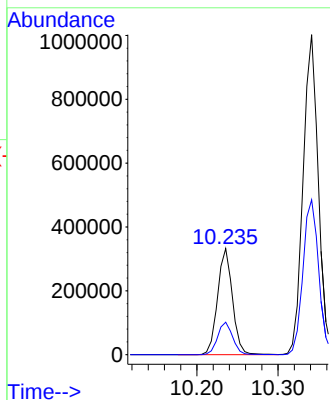
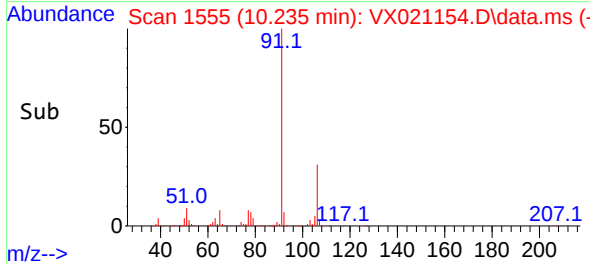
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



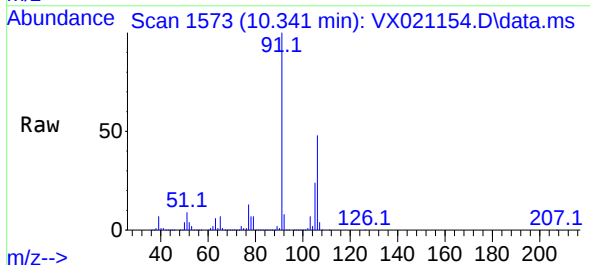
Tgt Ion: 91 Resp: 423893
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

Manual Integrations
APPROVED

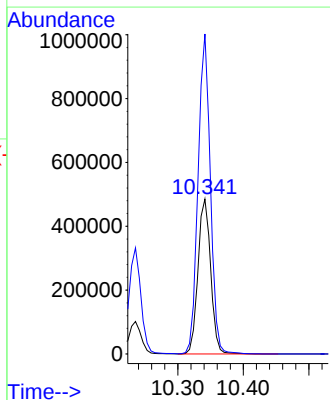
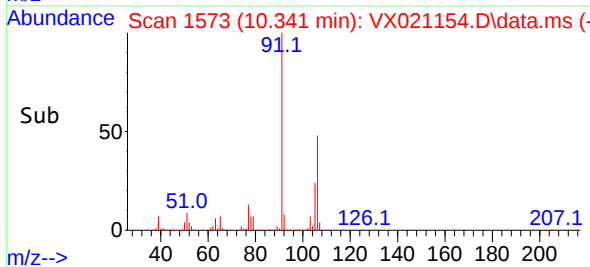
MMDadoda
3/12/2021 2:04:41 PM

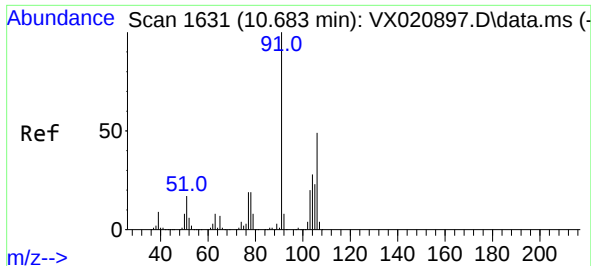


#68
m/p-Xylenes
Concen: 120.22 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



Tgt Ion: 106 Resp: 654780
Ion Ratio Lower Upper
106 100
91 200.2 162.8 244.2





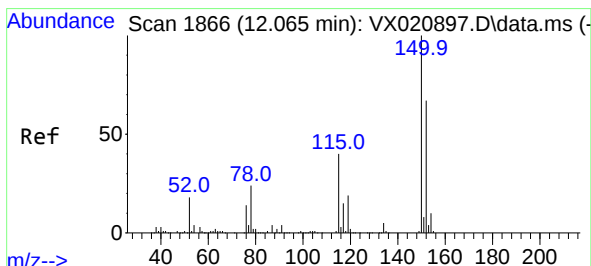
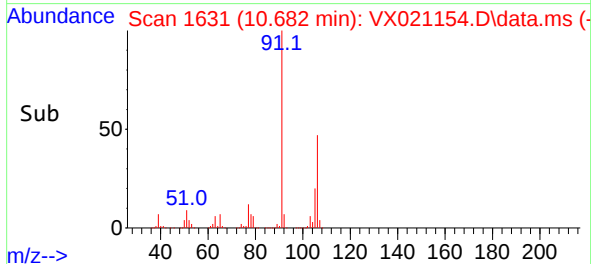
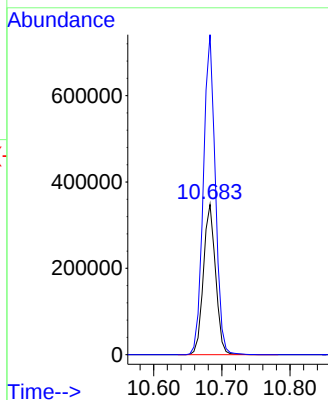
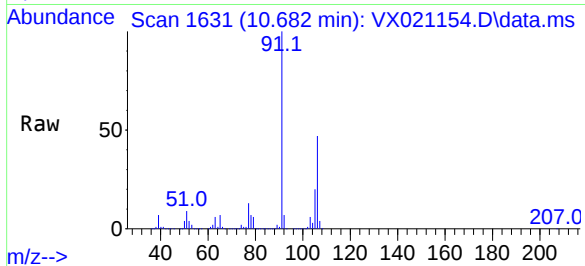
#69
o-Xylene
Concen: 81.24 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

Tgt Ion:106 Resp: 431873
Ion Ratio Lower Upper
106 100
91 210.2 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

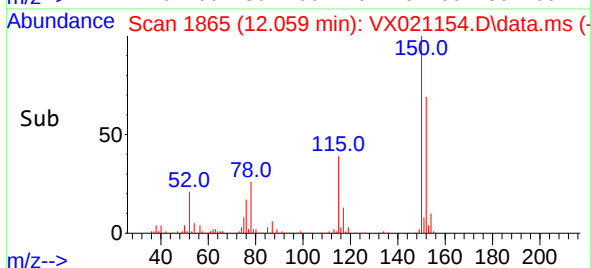
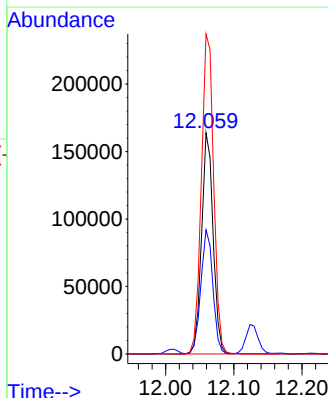
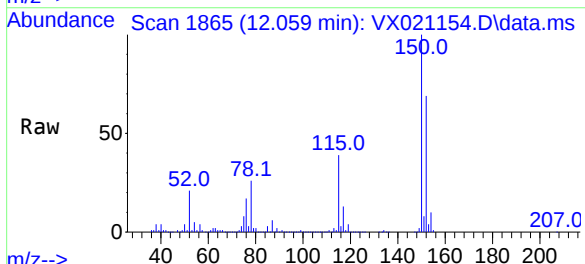
Manual Integrations
APPROVED

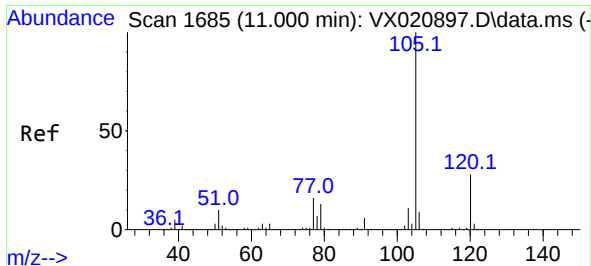
MMDadoda
3/12/2021 2:04:41 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

Tgt Ion:152 Resp: 193363
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 154.0 0.0 349.0





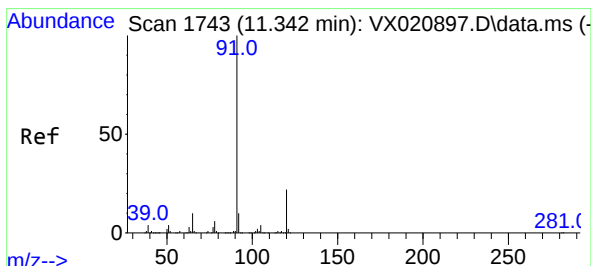
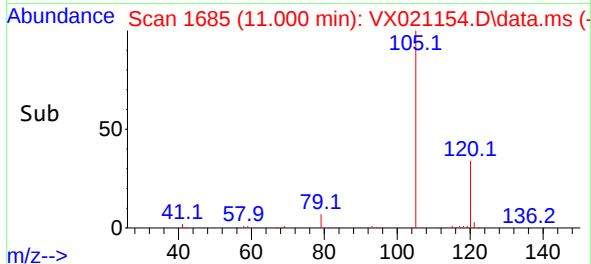
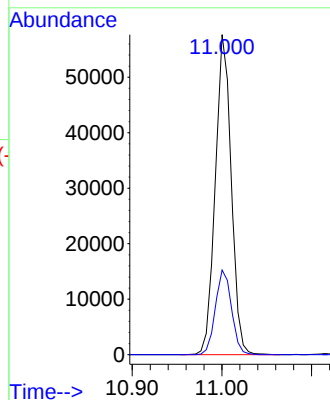
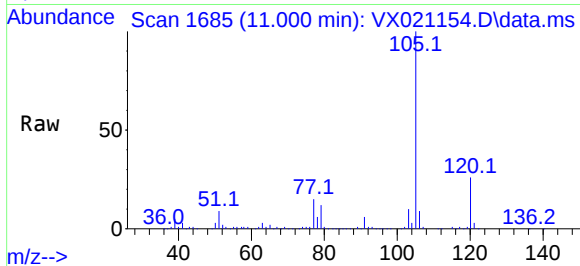
#73
Isopropylbenzene
Concen: 4.66 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

Tgt Ion: 105 Resp: 71217
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

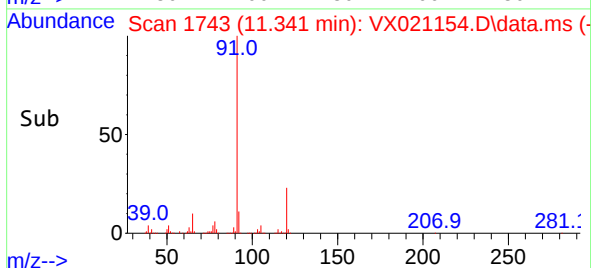
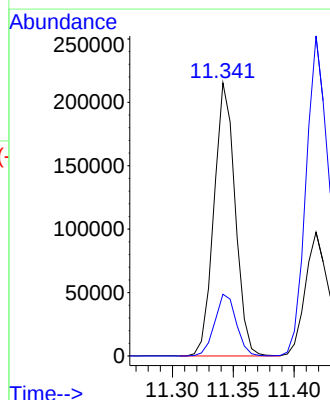
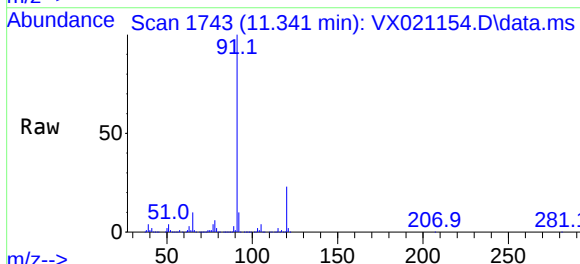
Manual Integrations
APPROVED

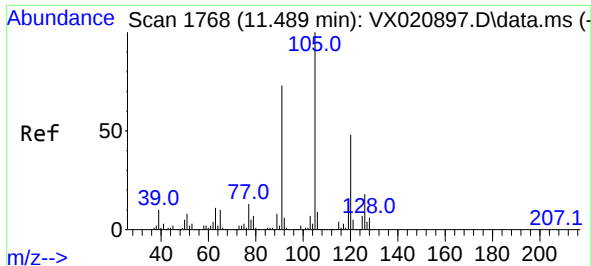
MMDadoda
3/12/2021 2:04:41 PM



#78
n-propylbenzene
Concen: 14.97 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

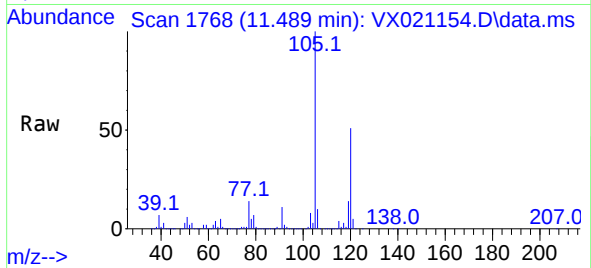
Tgt Ion: 91 Resp: 260790
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 33.66 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

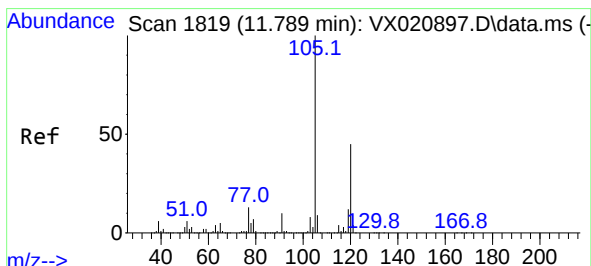
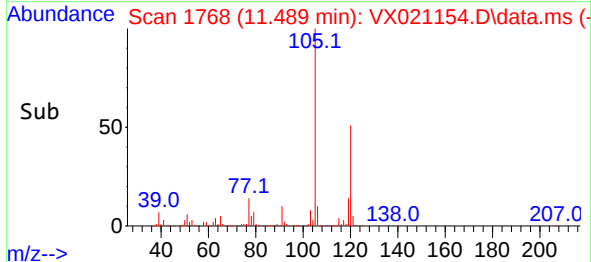
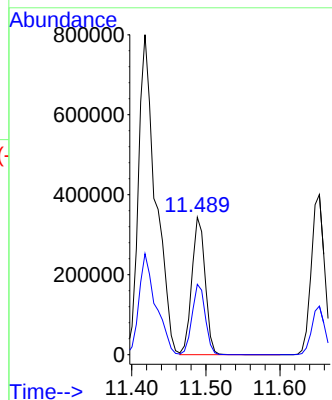
Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010



Tgt Ion:105 Resp: 427742
Ion Ratio Lower Upper
105 100
120 50.9 23.8 71.5

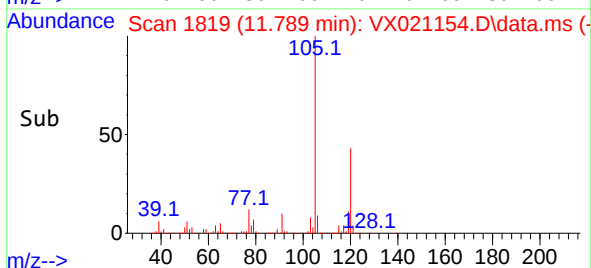
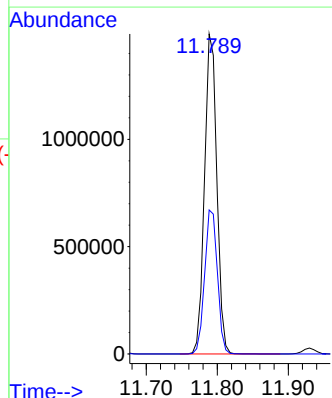
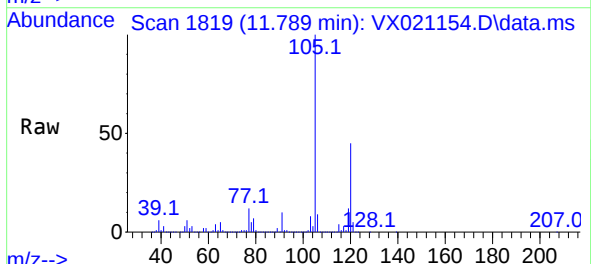
Manual Integrations
APPROVED

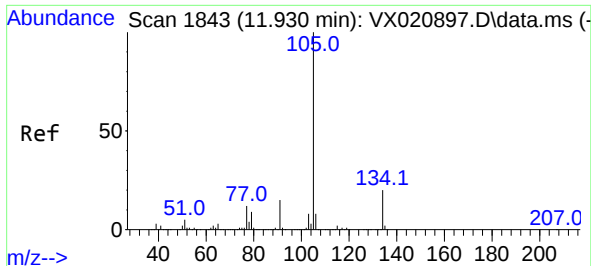
MMDadoda
3/12/2021 2:04:41 PM



#84
1,2,4-Trimethylbenzene
Concen: 139.57 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21

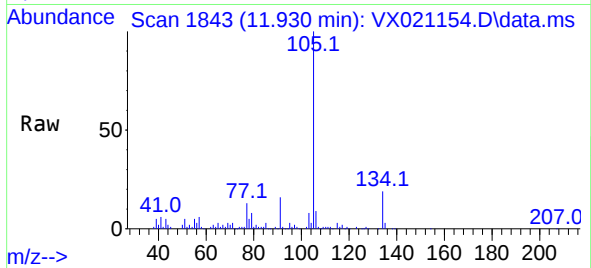
Tgt Ion:105 Resp: 1800481
Ion Ratio Lower Upper
105 100
120 46.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 2.32 ug/l m
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021154.D
 Acq: 11 Mar 2021 14:21

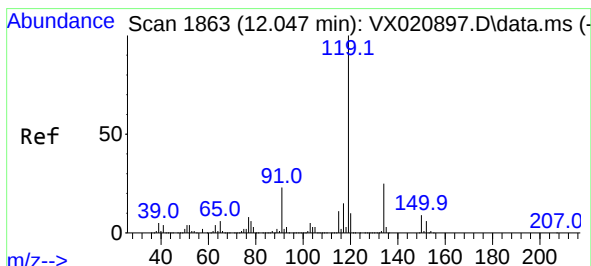
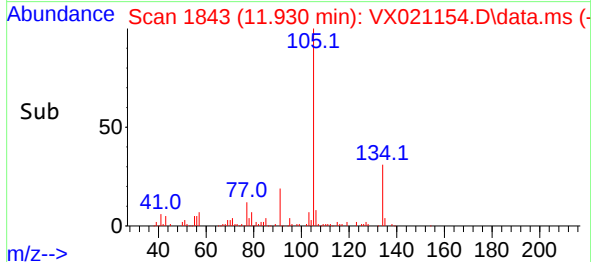
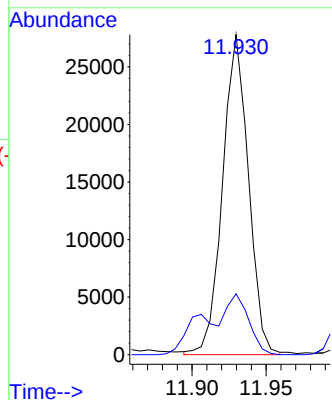
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-BUR-1006-1008, BUR-1010



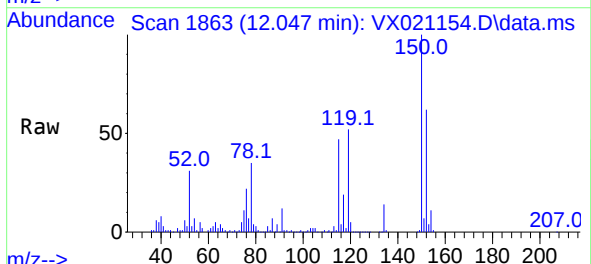
Tgt Ion:105 Resp: 33783
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

Manual Integrations
 APPROVED

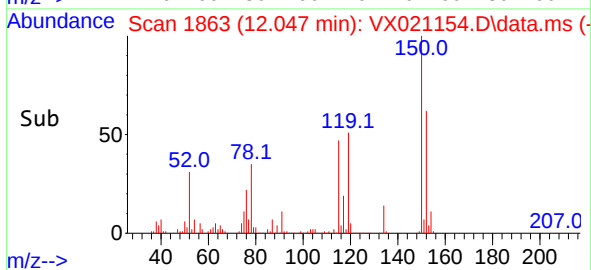
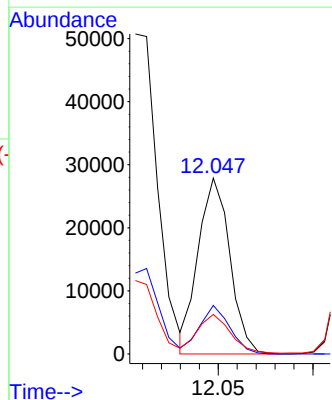
MMDadoda
 3/12/2021 2:04:41 PM

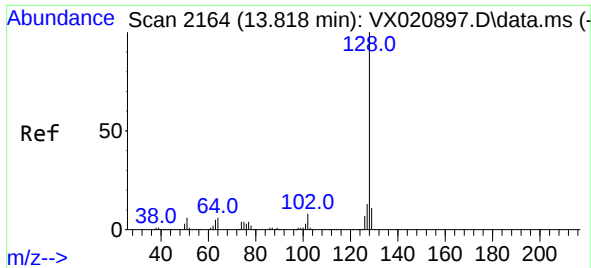


#86
 p-Isopropyltoluene
 Concen: 2.43 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VX021154.D
 Acq: 11 Mar 2021 14:21

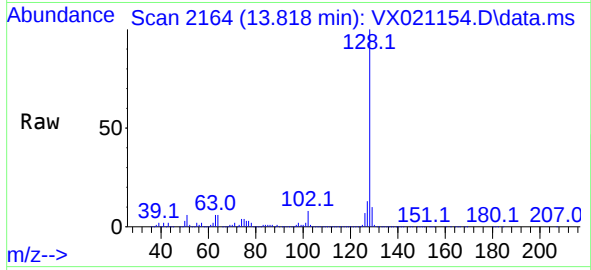


Tgt Ion:119 Resp: 32437
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 22.6 11.7 35.0

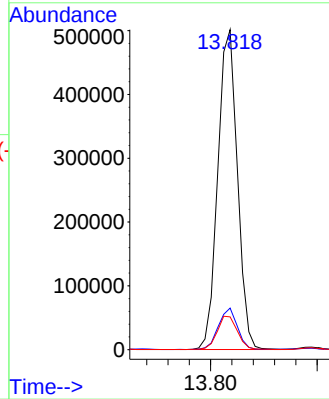
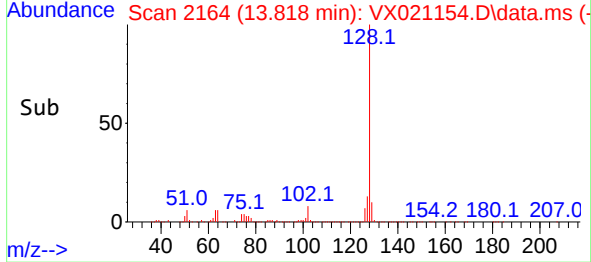




#95
Naphthalene
Concen: 45.08 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021154.D
Acq: 11 Mar 2021 14:21



Tgt Ion:	128	Resp:	639191
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
COMP-BUR-1006-1008, BUR-1010

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:04:41 PM