

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028715.D
 Acq On : 14 May 2022 06:27
 Operator : JC/MD
 Sample : N2813-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUR-1148

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179939	50.990	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.980%			
35) Dibromofluoromethane	5.391	113	157382	51.123	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.240%			
50) Toluene-d8	8.653	98	570310	49.137	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.280%			
62) 4-Bromofluorobenzene	11.079	95	277700	64.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 128.120%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	408639	269.815	ug/l	93
17) Carbon Disulfide	2.520	76	12248	1.773	ug/l	97
20) Methylene Chloride	2.794	84	969	0.305	ug/l	87
25) 2-Butanone	4.562	43	22148	9.316	ug/l	93
29) Tetrahydrofuran	5.019	42	2105	1.362	ug/l #	82
31) Cyclohexane	5.483	56	1937m	0.395	ug/l	
40) Benzene	6.037	78	5732	0.431	ug/l	95
42) 1,2-Dichloroethane	6.092	62	6906	1.409	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	33744	6.780	ug/l	93
52) Toluene	8.720	92	51359	6.008	ug/l	99
65) Chlorobenzene	10.079	112	4028	0.378	ug/l #	87
67) Ethyl Benzene	10.195	91	14223	0.745	ug/l	100
68) m/p-Xylenes	10.305	106	20893	2.810	ug/l	97
69) o-Xylene	10.646	106	11095	1.516	ug/l	93
73) Isopropylbenzene	10.963	105	6477	0.387	ug/l	95
78) n-propylbenzene	11.305	91	9616	0.496	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	14911	1.069	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	56754	4.056	ug/l	99
86) p-Isopropyltoluene	12.012	119	4765m	0.341	ug/l	
95) Naphthalene	13.774	128	164043	10.453	ug/l	99

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

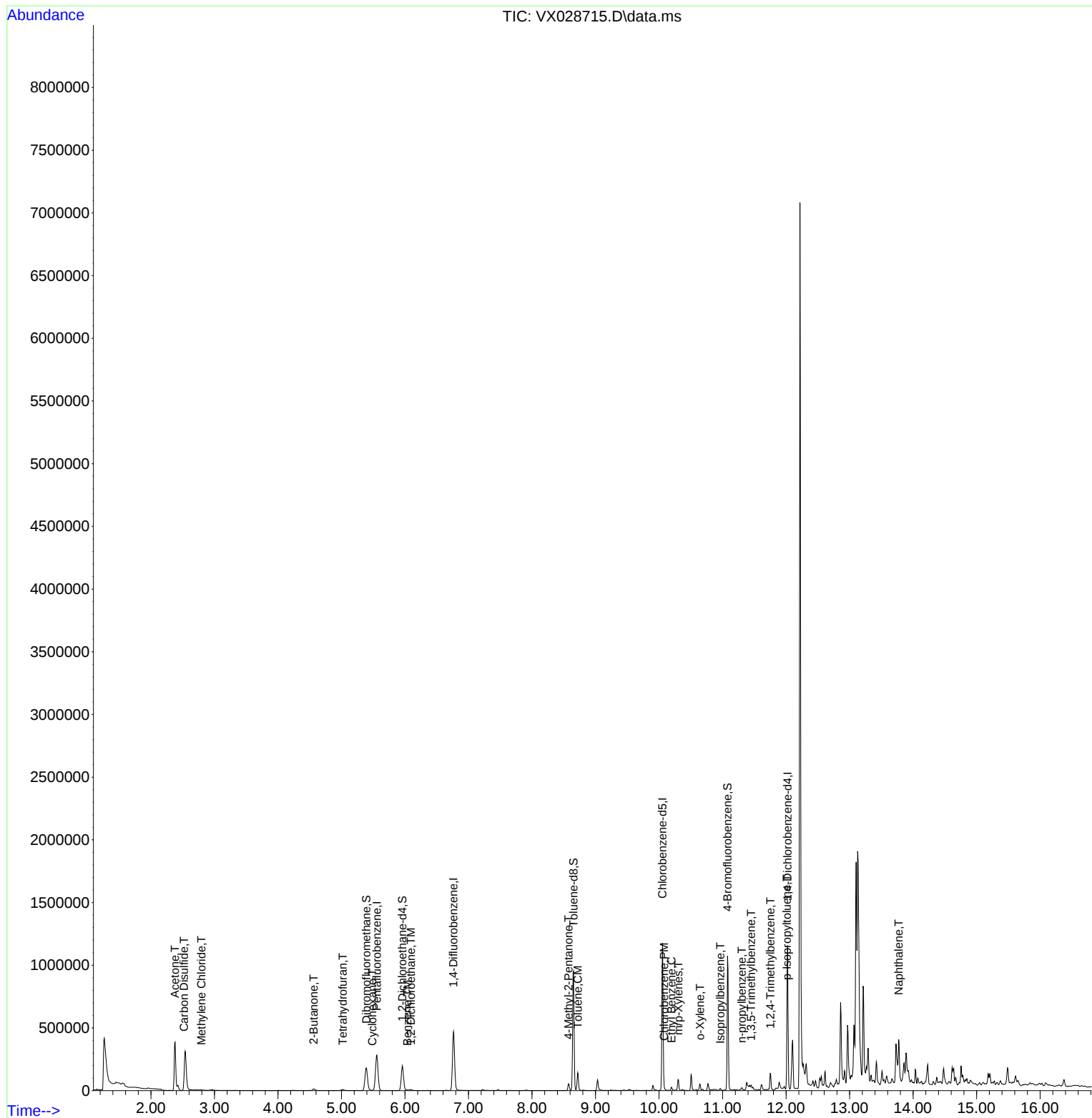
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028715.D
Acq On : 14 May 2022 06:27
Operator : JC/MD
Sample : N2813-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

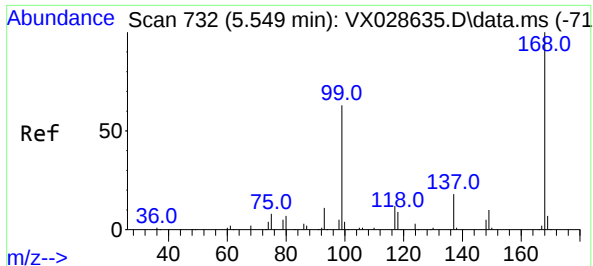
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/16/2022
Supervised By : Mahesh Dadoda 05/16/2022

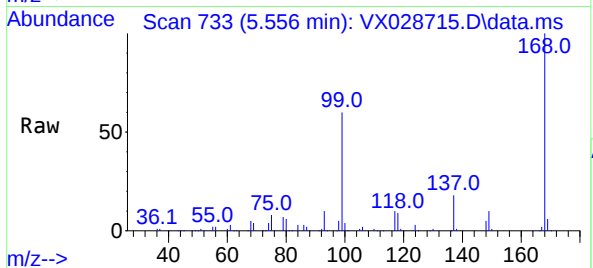
Quant Time: May 16 02:35:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

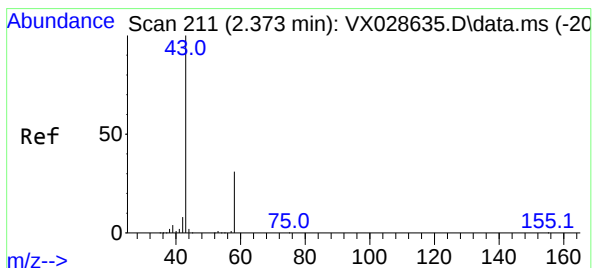
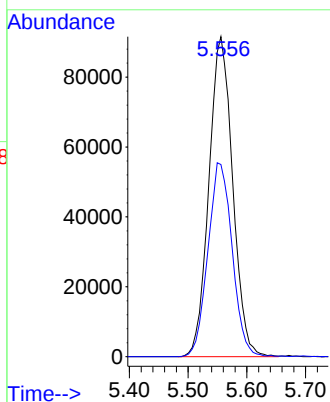
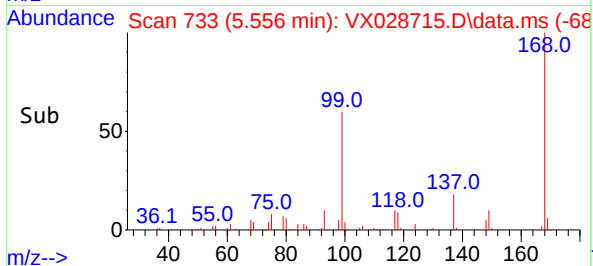
Instrument :
MSVOA_X
ClientSampleId :
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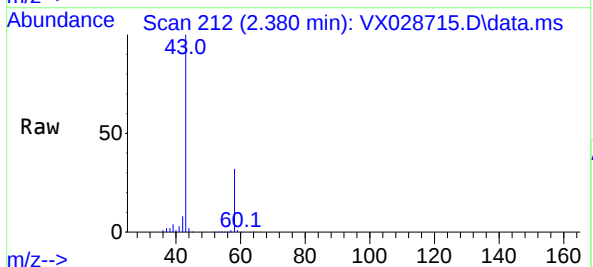
Tgt Ion:168 Resp: 257439
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5

Manual Integrations
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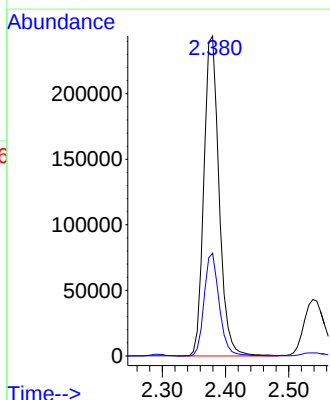
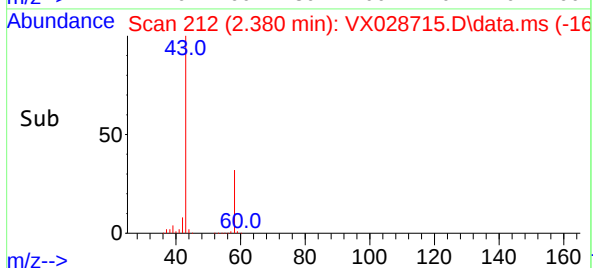
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

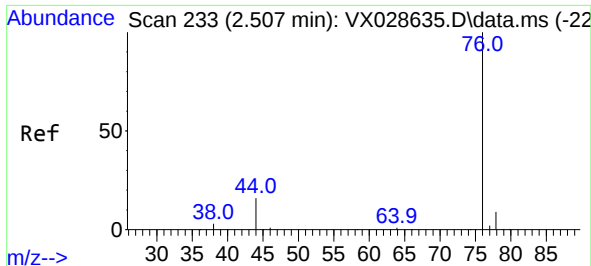


#16
Acetone
Concen: 269.815 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



Tgt Ion: 43 Resp: 408639
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2





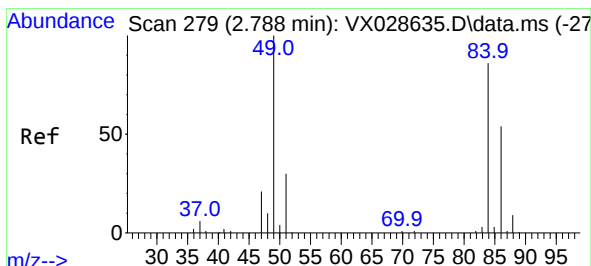
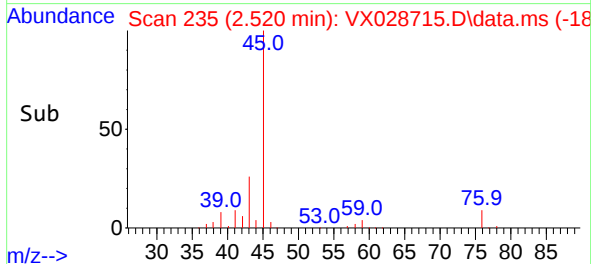
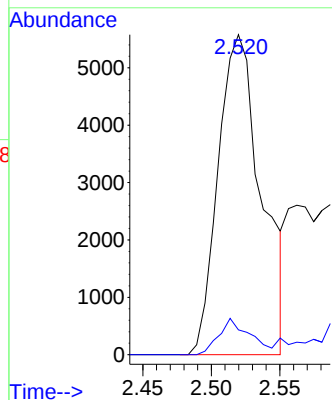
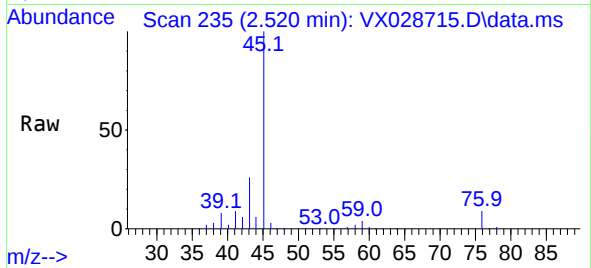
#17
Carbon Disulfide
Concen: 1.773 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

Instrument :
MSVOA_X
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Tgt Ion: 76 Resp: 1224
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

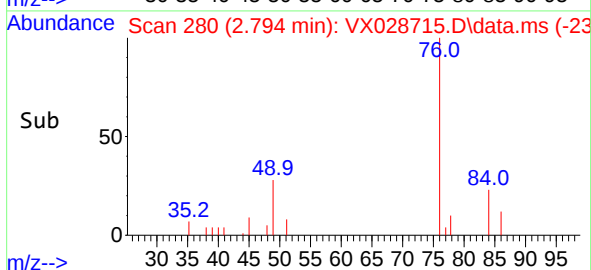
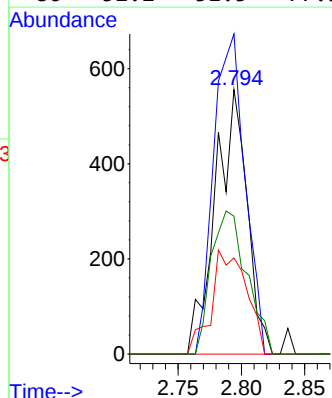
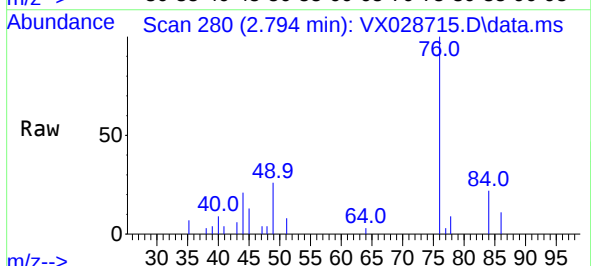
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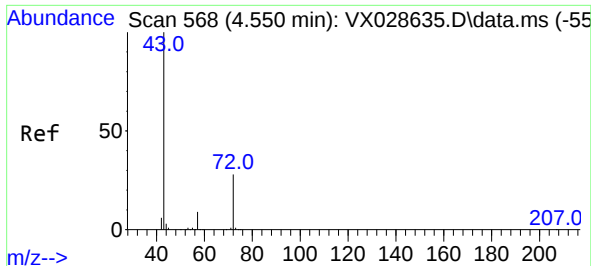
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

Tgt Ion: 84 Resp: 969
Ion Ratio Lower Upper
84 100
49 121.0 85.5 128.3
51 36.3 26.6 39.8
86 52.2 51.5 77.3





#25

2-Butanone

Concen: 9.316 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028715.D

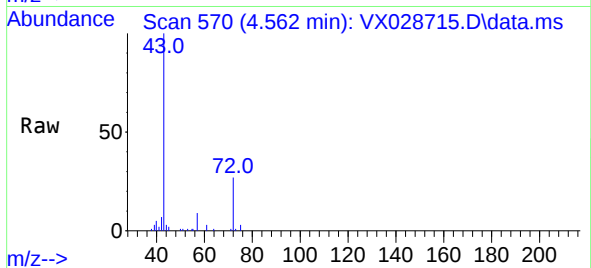
Acq: 14 May 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

BUR-1148



Tgt Ion: 43 Resp: 2214

Ion Ratio Lower Upper

43 100

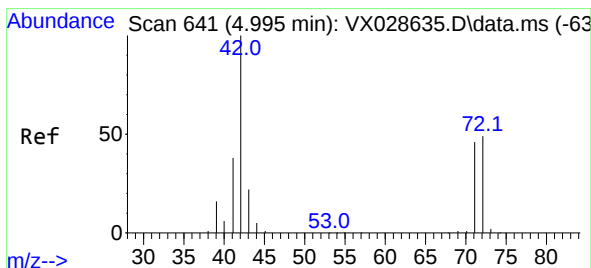
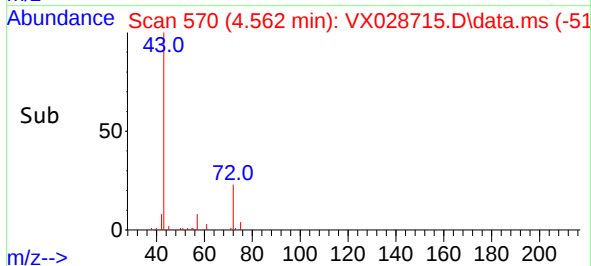
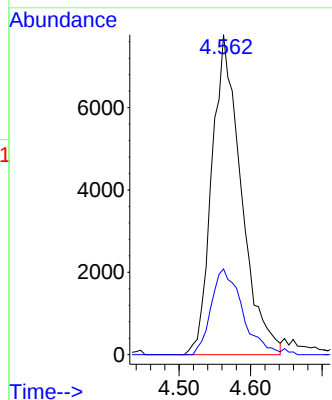
72 26.8 24.4 36.6

Manual Integrations

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Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#29

Tetrahydrofuran

Concen: 1.362 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.024 min

Lab File: VX028715.D

Acq: 14 May 2022 06:27

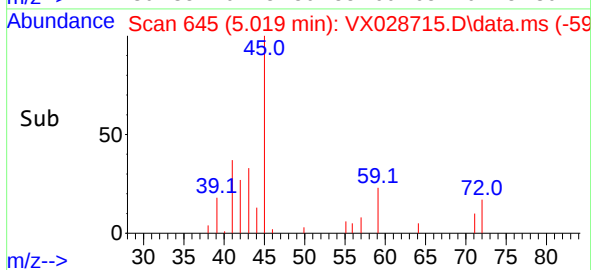
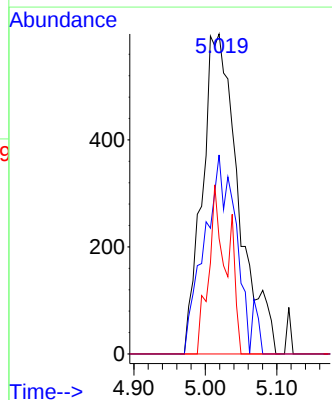
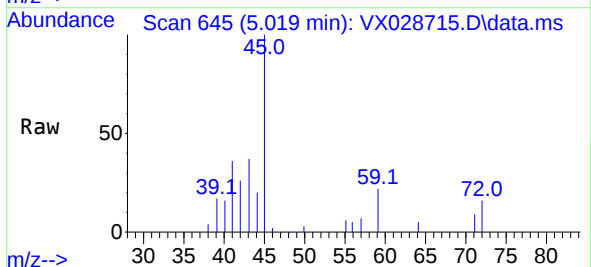
Tgt Ion: 42 Resp: 2105

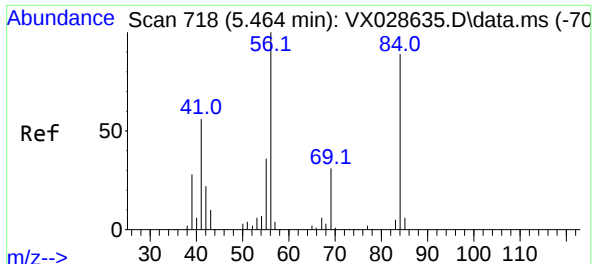
Ion Ratio Lower Upper

42 100

72 53.0 44.1 66.1

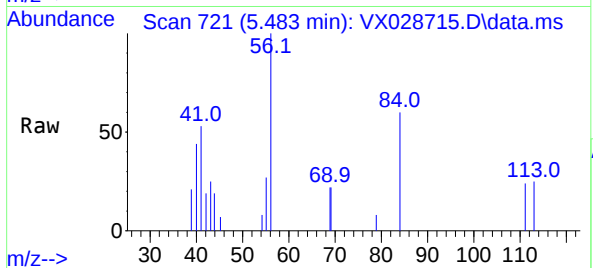
71 27.3 40.5 60.7#





#31
Cyclohexane
Concen: 0.395 ug/l m
RT: 5.483 min Scan# 718
Delta R.T. 0.019 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

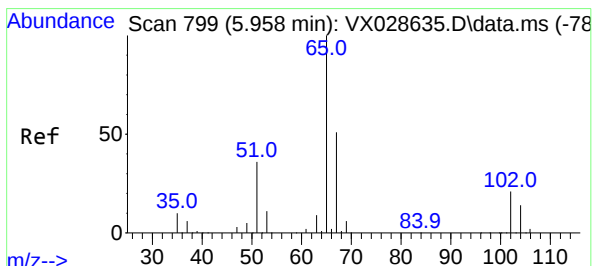
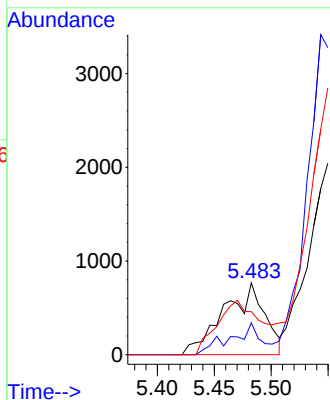
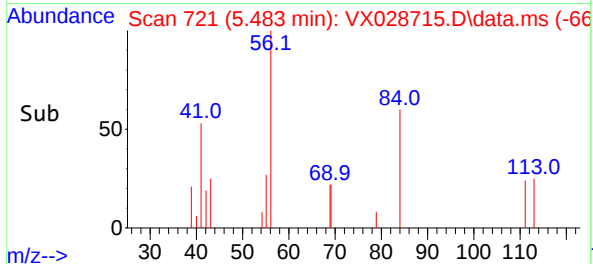
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 22.3 26.7 40.1
84 59.8 77.2 115.8

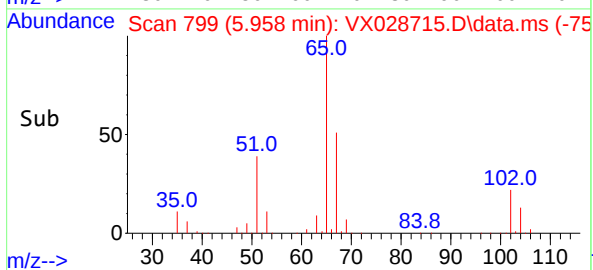
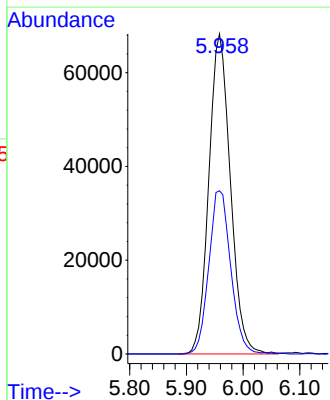
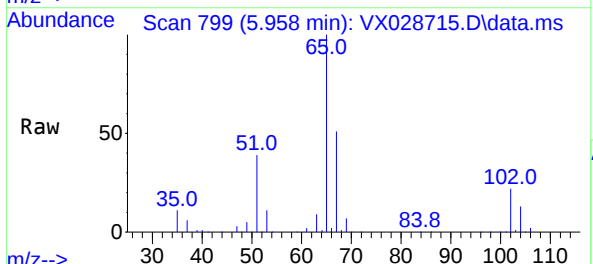
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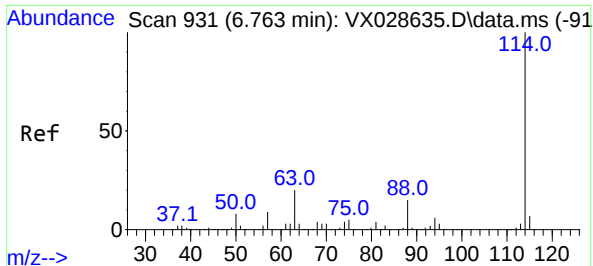
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#33
1,2-Dichloroethane-d4
Concen: 50.990 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

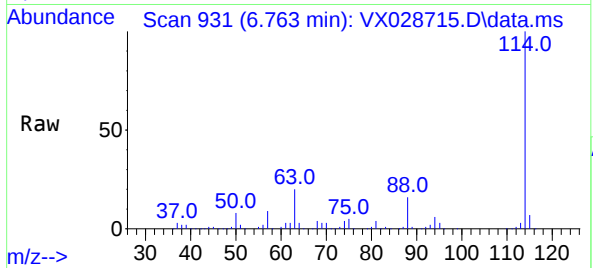
Tgt Ion: 65 Resp: 179939
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

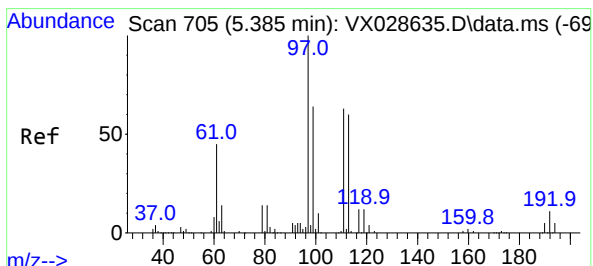
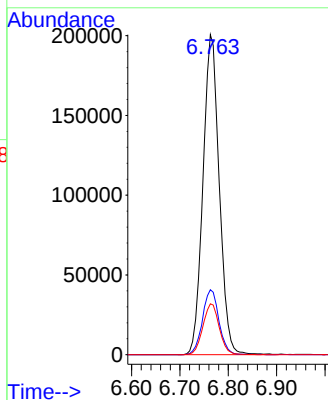
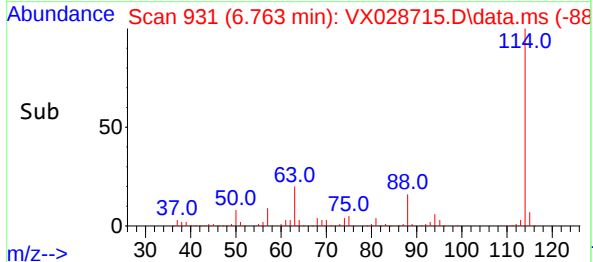
Instrument :
MSVOA_X
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BUR-1148



Tgt Ion:114 Resp: 469869
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 15.9 0.0 32.4

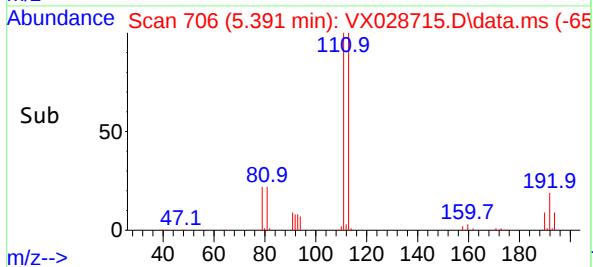
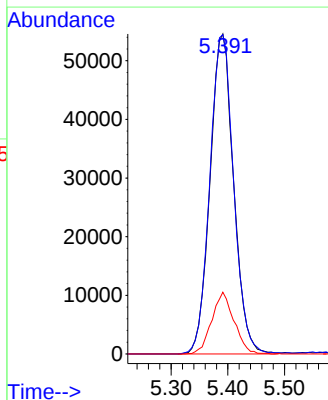
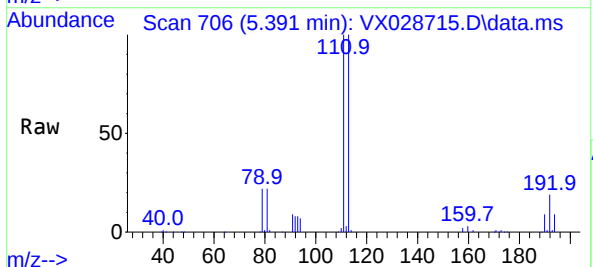
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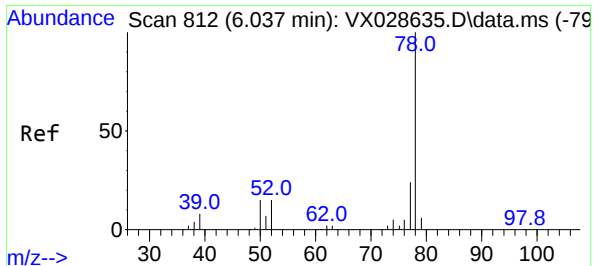
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#35
Dibromofluoromethane
Concen: 51.123 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

Tgt Ion:113 Resp: 157382
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.3 16.9 25.3





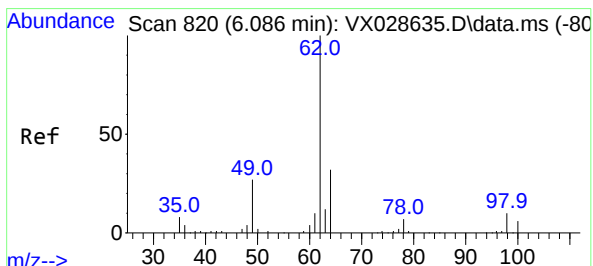
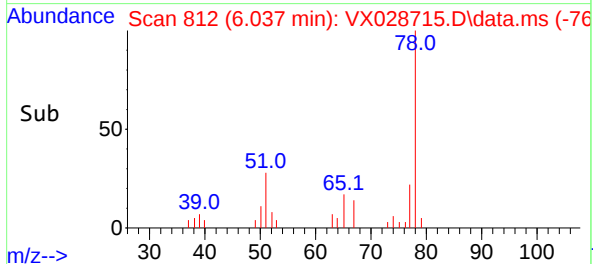
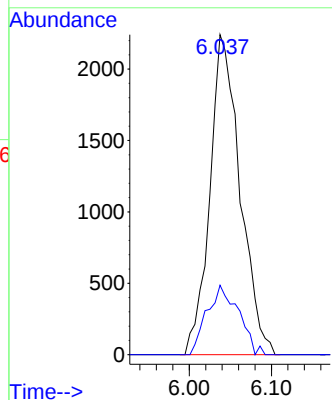
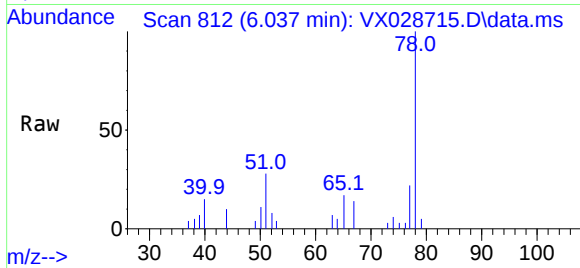
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Benzene
Concen: 0.431 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

Instrument :
MSVOA_X
ClientSampleId :
BUR-1148

Tgt Ion: 78 Resp: 5732
Ion Ratio Lower Upper
78 100
77 21.7 19.3 28.9

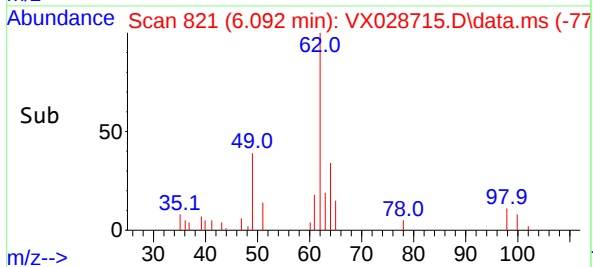
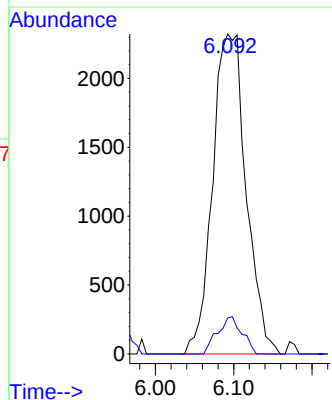
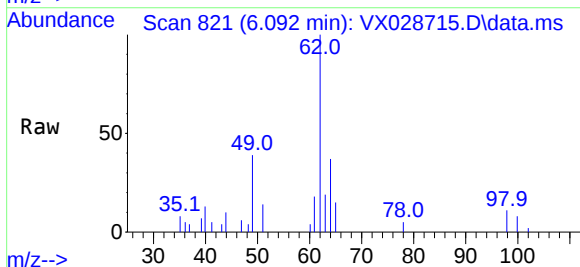
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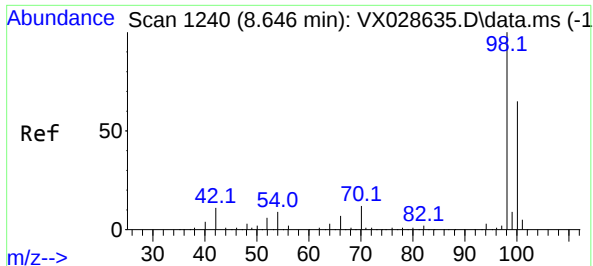
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 1.409 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

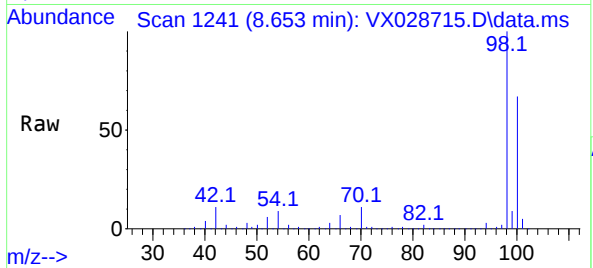
Tgt Ion: 62 Resp: 6906
Ion Ratio Lower Upper
62 100
98 8.5 0.0 20.4





#50
Toluene-d8
Concen: 49.137 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

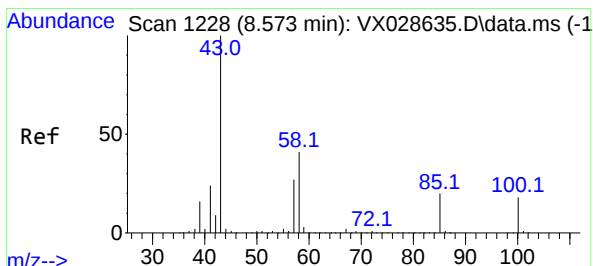
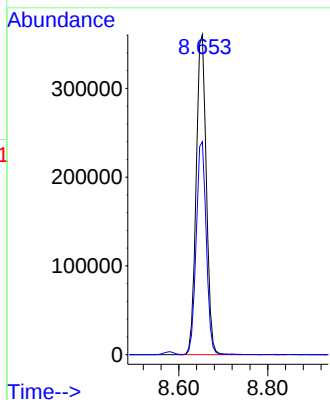
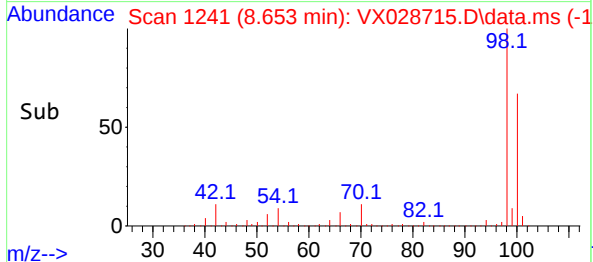
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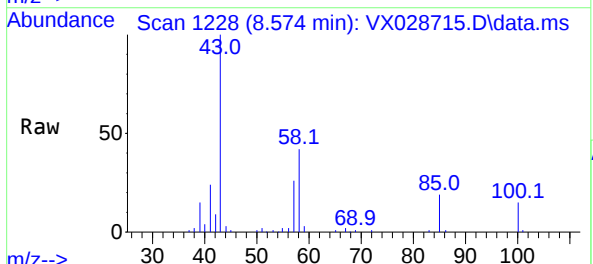
Tgt Ion: 98 Resp: 570310
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

Manual Integrations
APPROVED

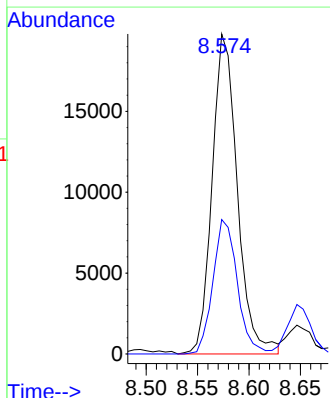
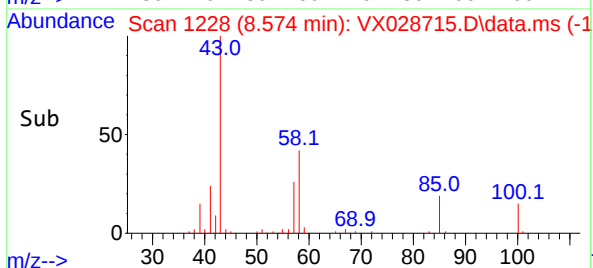
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

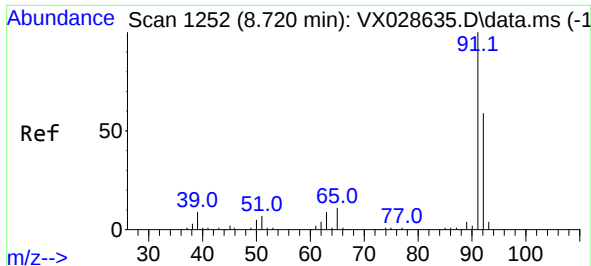


#51
4-Methyl-2-Pentanone
Concen: 6.780 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



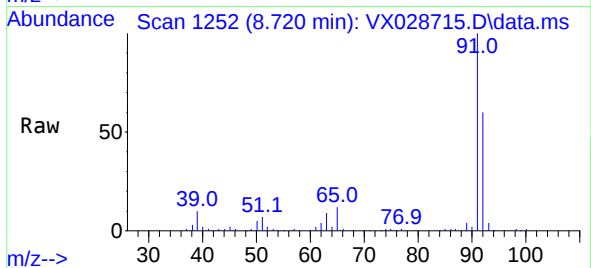
Tgt Ion: 43 Resp: 33744
Ion Ratio Lower Upper
43 100
58 40.5 36.1 54.1





#52
Toluene
Concen: 6.008 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

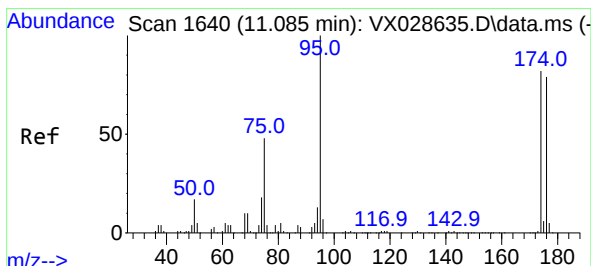
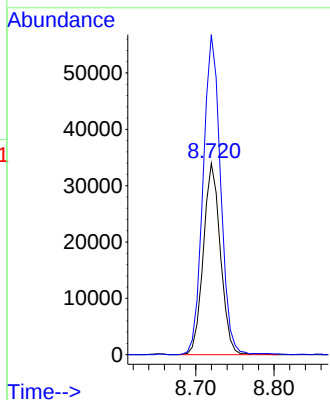
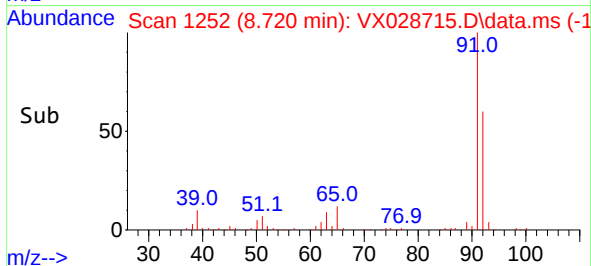
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



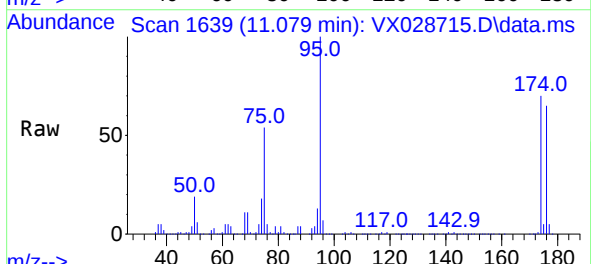
Tgt Ion: 92 Resp: 5135
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3

Manual Integrations
APPROVED

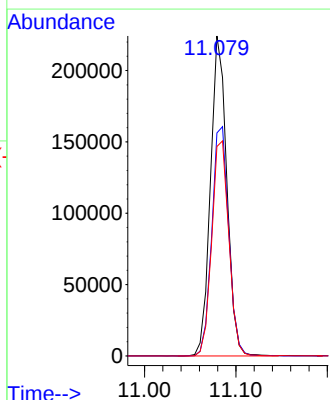
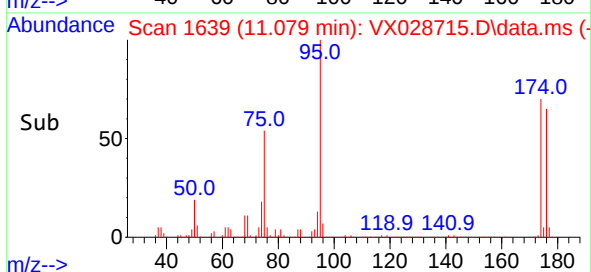
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

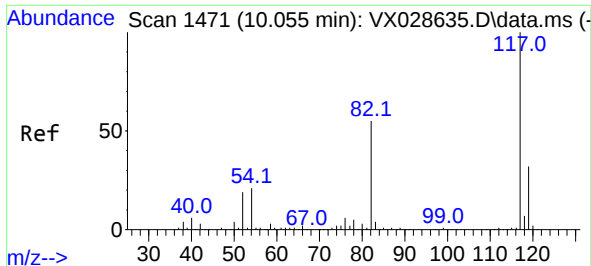


#62
4-Bromofluorobenzene
Concen: 64.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



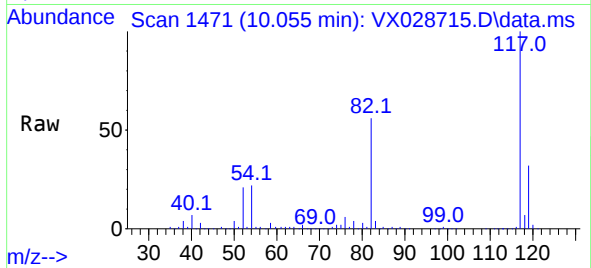
Tgt Ion: 95 Resp: 277700
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 70.4 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

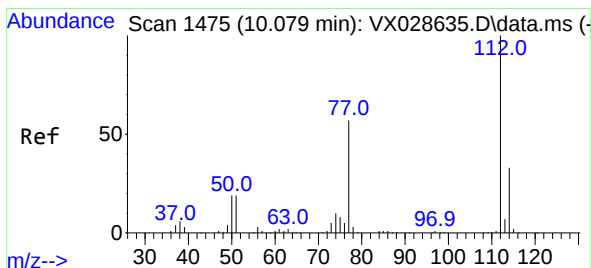
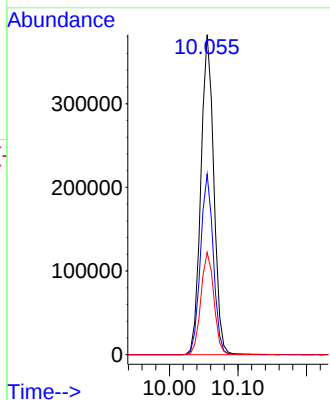
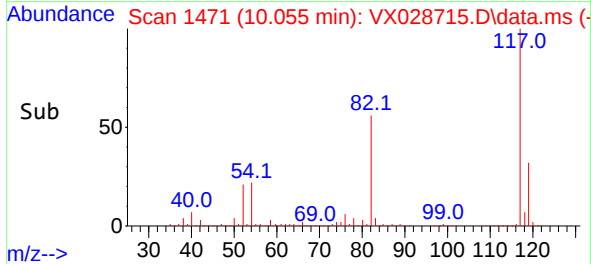
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



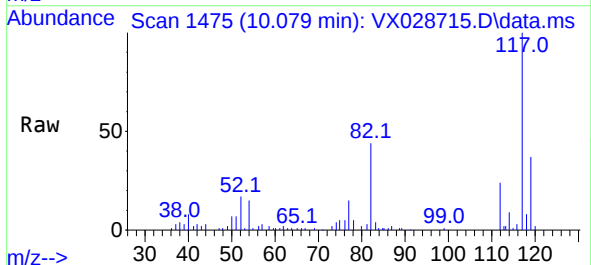
Tgt Ion:117 Resp: 502200
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.0 24.8 37.2

Manual Integrations
APPROVED

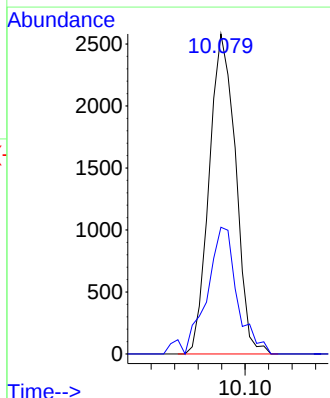
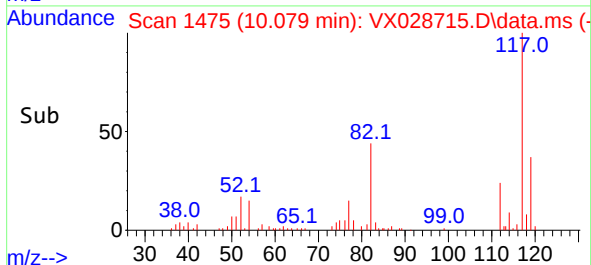
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

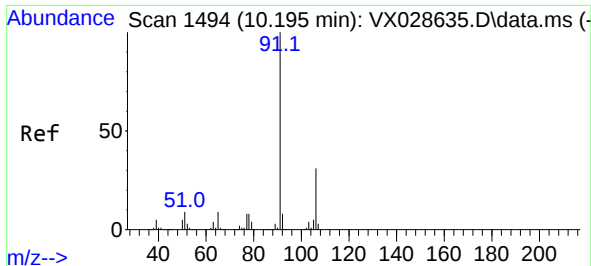


#65
Chlorobenzene
Concen: 0.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



Tgt Ion:112 Resp: 4028
Ion Ratio Lower Upper
112 100
114 39.6 25.8 38.8





#67

Ethyl Benzene

Concen: 0.745 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028715.D

Acq: 14 May 2022 06:27

Instrument :

MSVOA_X

ClientSampleId :

BUR-1148

Tgt Ion: 91 Resp: 1422

Ion Ratio Lower Upper

91 100

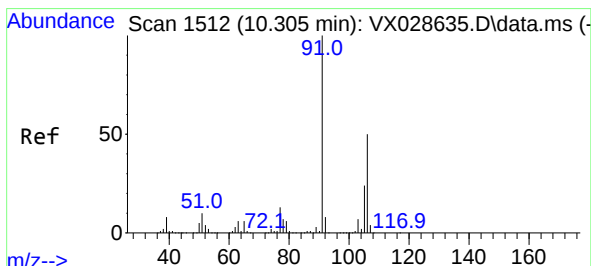
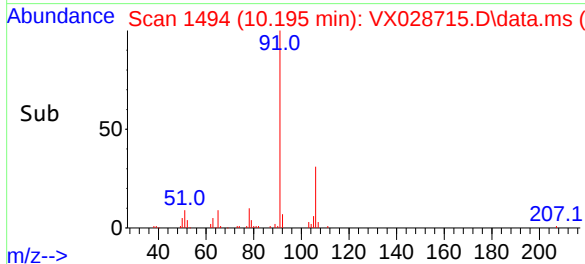
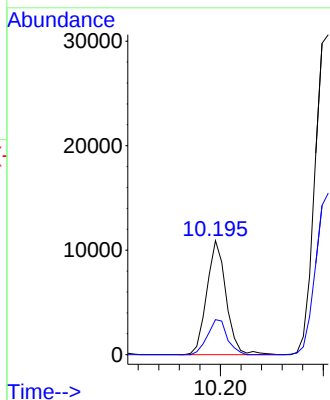
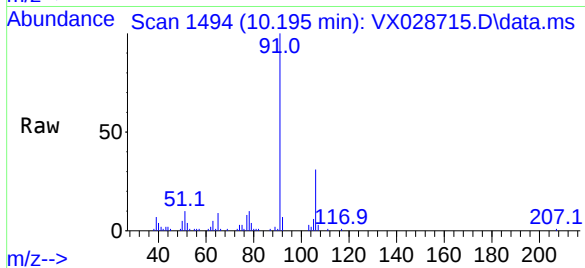
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 2.810 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028715.D

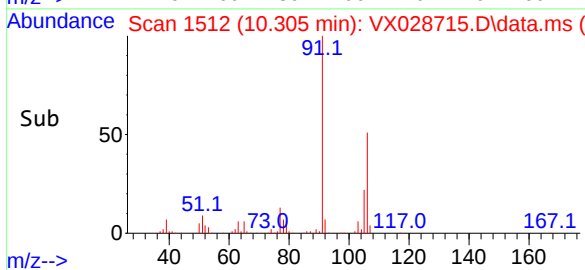
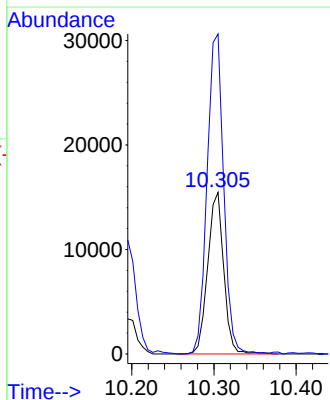
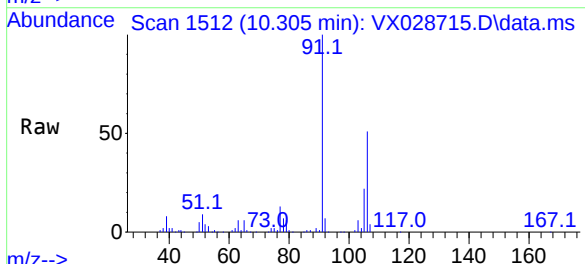
Acq: 14 May 2022 06:27

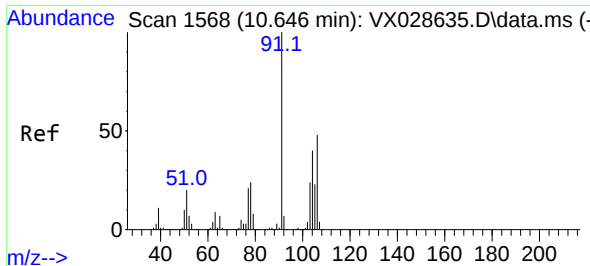
Tgt Ion:106 Resp: 20893

Ion Ratio Lower Upper

106 100

91 205.1 160.4 240.6





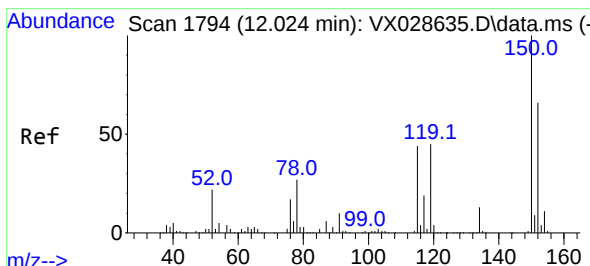
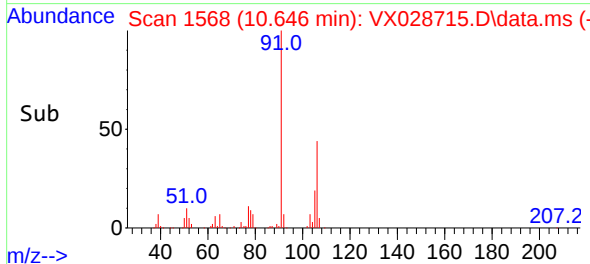
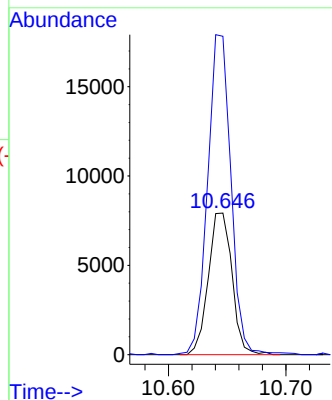
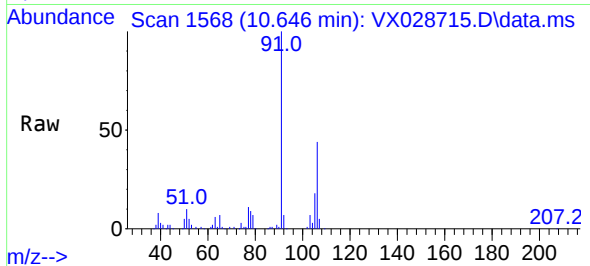
#69
o-Xylene
Concen: 1.516 ug/l
RT: 10.646 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

Instrument :
MSVOA_X
ClientSampleId :
BUR-1148

Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 222.8 106.1 318.1

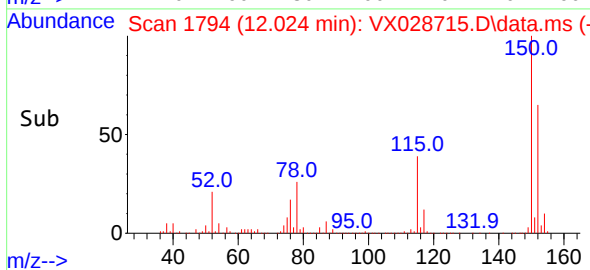
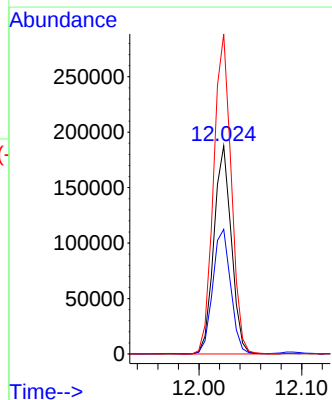
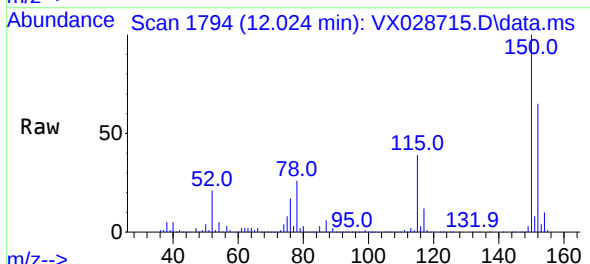
Manual Integrations
APPROVED

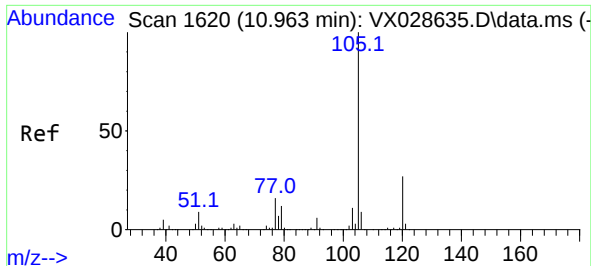
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

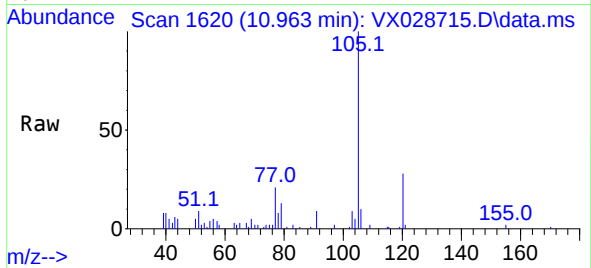
Tgt Ion:152 Resp: 220837
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 155.4 0.0 338.2





#73
Isopropylbenzene
Concen: 0.387 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

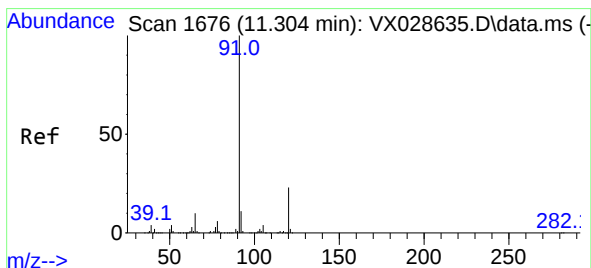
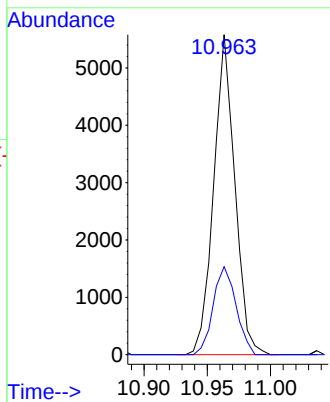
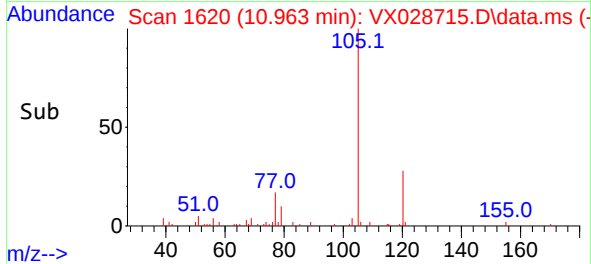
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



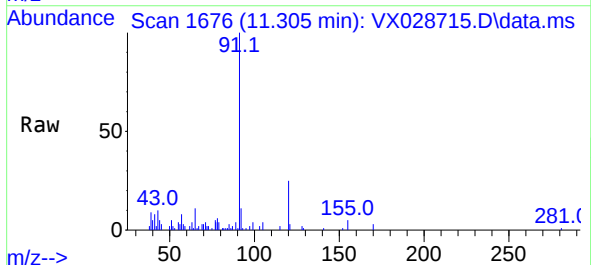
Tgt Ion:105 Resp: 647
Ion Ratio Lower Upper
105 100
120 29.8 13.5 40.5

Manual Integrations
APPROVED

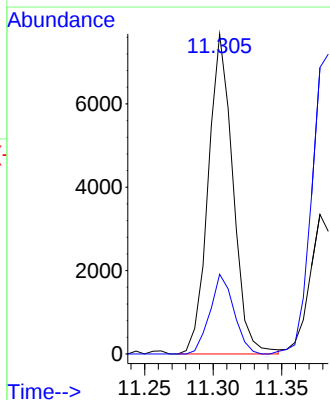
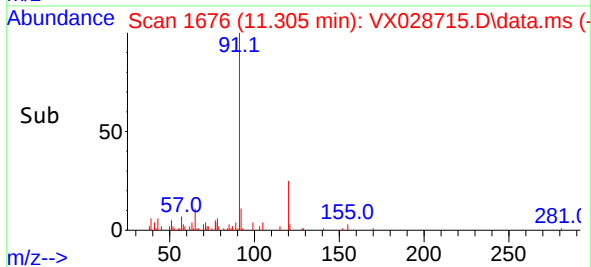
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

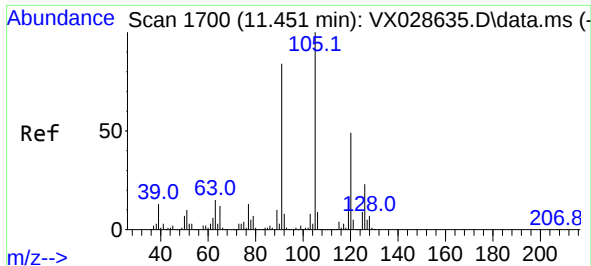


#78
n-propylbenzene
Concen: 0.496 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



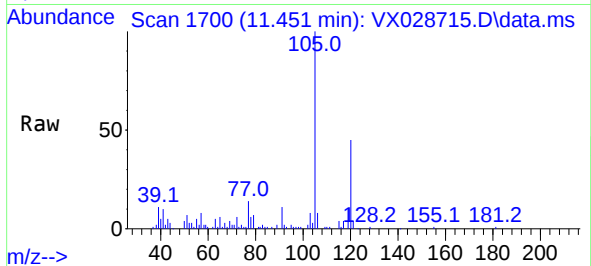
Tgt Ion: 91 Resp: 9616
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 1.069 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

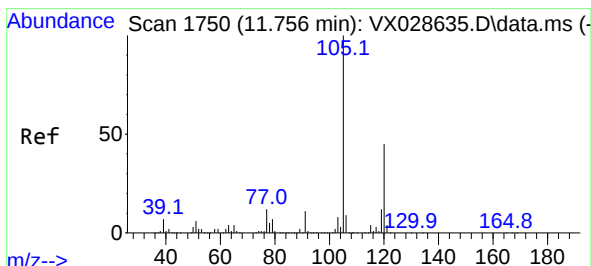
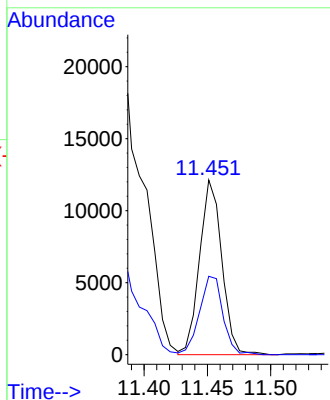
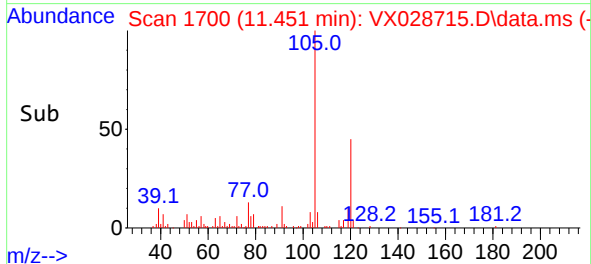
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



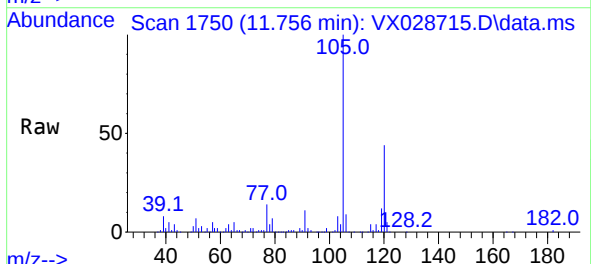
Tgt Ion:105 Resp: 1491
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

Manual Integrations
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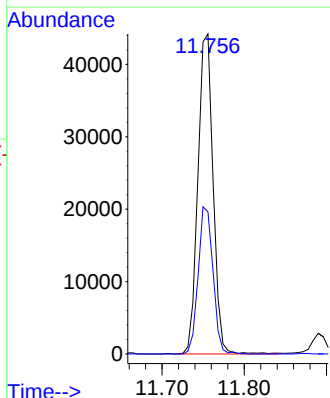
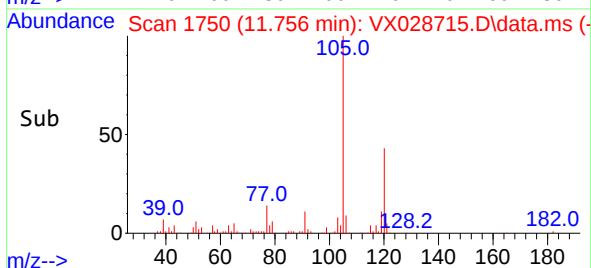
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

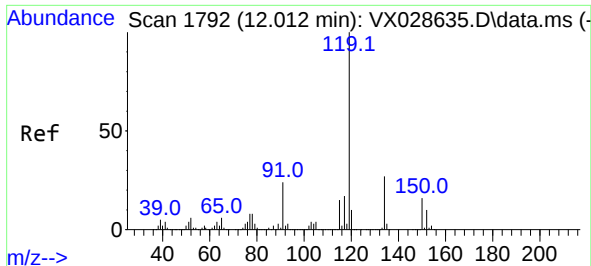


#84
1,2,4-Trimethylbenzene
Concen: 4.056 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



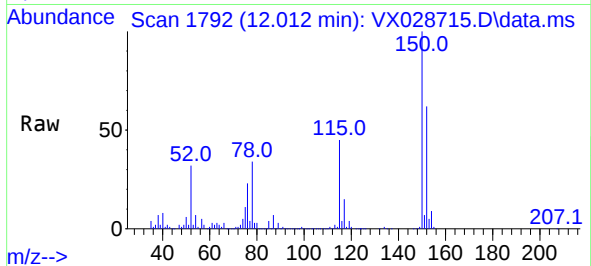
Tgt Ion:105 Resp: 56754
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#86
p-Isopropyltoluene
Concen: 0.341 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27

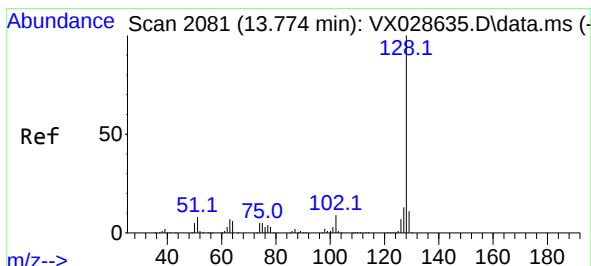
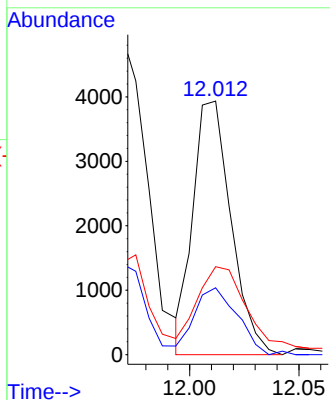
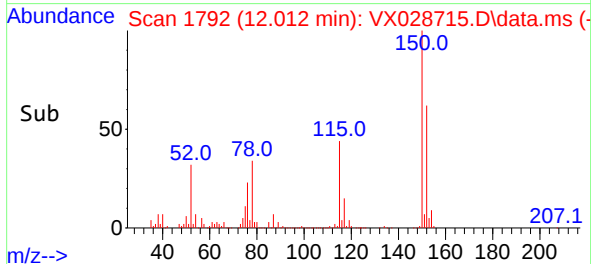
Instrument :
MSVOA_X
ClientSampleId :
BUR-1148



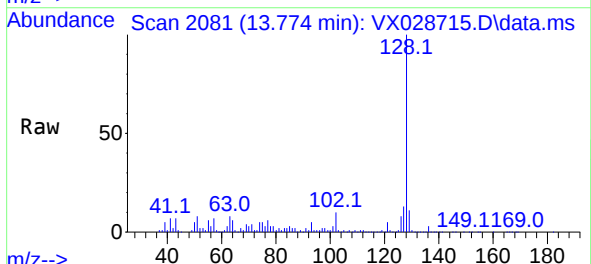
Tgt Ion:119 Resp: 476
Ion Ratio Lower Upper
119 100
134 35.8 13.0 39.0
91 40.9 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#95
Naphthalene
Concen: 10.453 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028715.D
Acq: 14 May 2022 06:27



Tgt Ion:128 Resp: 164043
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.7 13.1

