

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048727.D
 Acq On : 28 May 2022 05:32
 Operator : SY/MD
 Sample : N3056-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 30 03:02:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

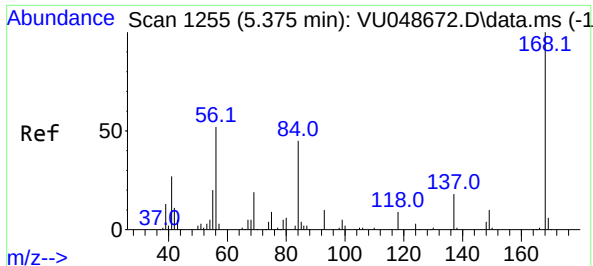
Internal Standards						
1) Pentafluorobenzene	5.375	168	228760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	376970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	397264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	222338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166772	48.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.080%		
35) Dibromofluoromethane	5.292	113	150244	55.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.740%		
50) Toluene-d8	7.899	98	465241	48.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	10.632	95	215292	59.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	118.100%		
Target Compounds					Qvalue	
16) Acetone	2.626	43	4223	2.412	ug/l	97
17) Carbon Disulfide	2.800	76	3371	0.496	ug/l	98
39) Methylcyclohexane	6.764	83	150228	36.502	ug/l	98
40) Benzene	5.774	78	40377	3.484	ug/l	96
44) Trichloroethene	6.549	130	818	0.274	ug/l	89
52) Toluene	7.970	92	17293	2.495	ug/l	98
67) Ethyl Benzene	9.571	91	4447409	313.836	ug/l	98
68) m/p-Xylenes	9.697	106	188346	33.982	ug/l	98
69) o-Xylene	10.102	106	187394	34.414	ug/l	99
73) Isopropylbenzene	10.484	105	1581144	110.153	ug/l	99
78) n-propylbenzene	10.905	91	1943811	113.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	841641	67.425	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	5880630	427.937	ug/l	99
85) sec-Butylbenzene	11.645	105	72819m	4.858	ug/l	
86) p-Isopropyltoluene	11.793	119	185637m	14.423	ug/l	
89) n-Butylbenzene	12.201	91	89266m	8.811	ug/l	

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

Manual Integrations
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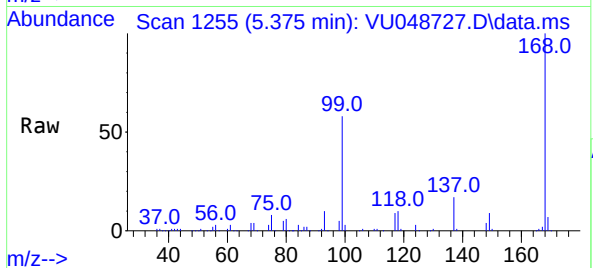
Quant Time: May 30 03:02:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

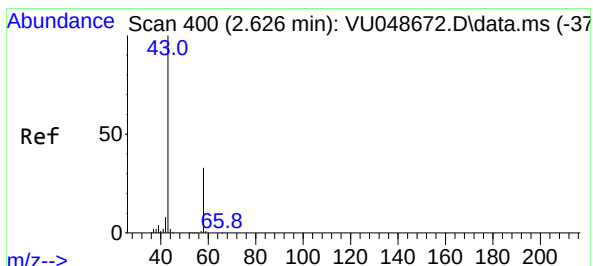
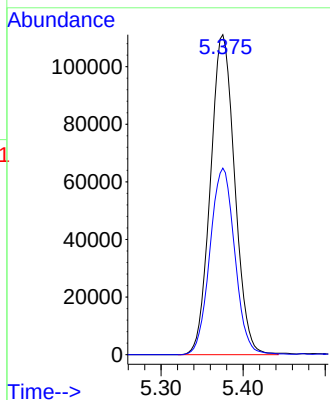
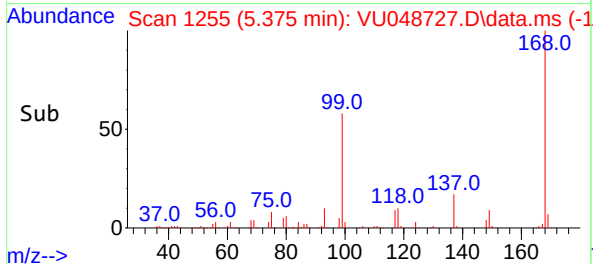
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion:168 Resp: 228760
Ion Ratio Lower Upper
168 100
99 58.3 49.3 73.9

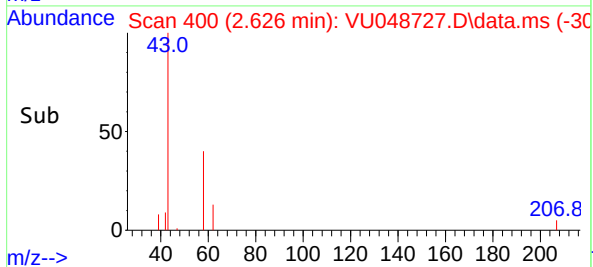
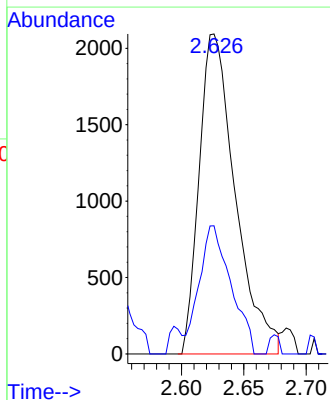
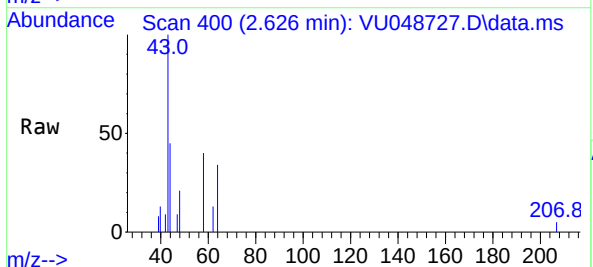
Manual Integrations
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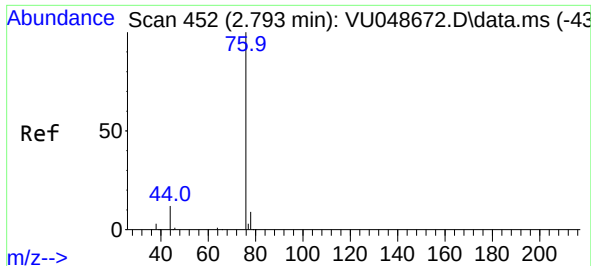
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#16
Acetone
Concen: 2.412 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

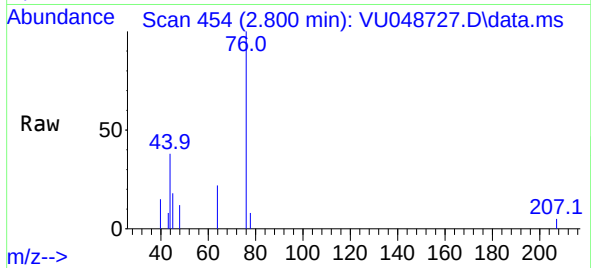
Tgt Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
58 34.7 26.3 39.5





#17
Carbon Disulfide
Concen: 0.496 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.006 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

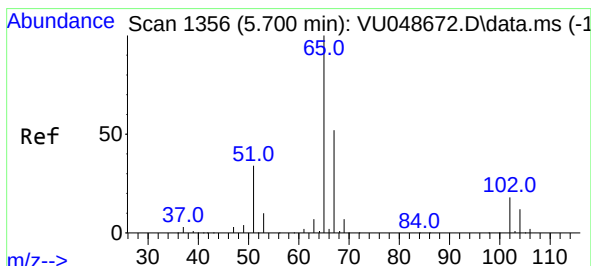
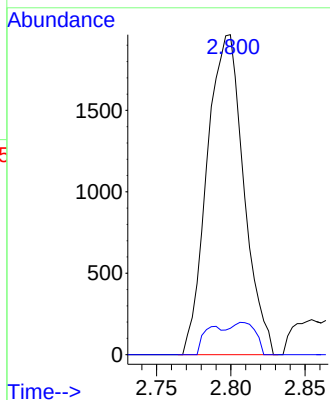
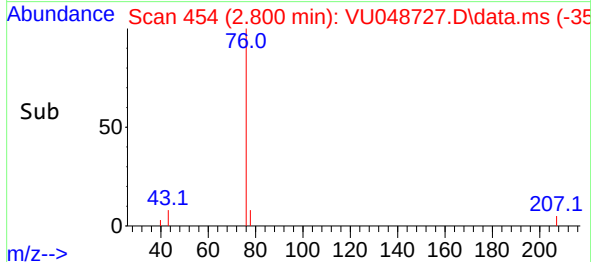
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion: 76 Resp: 337
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

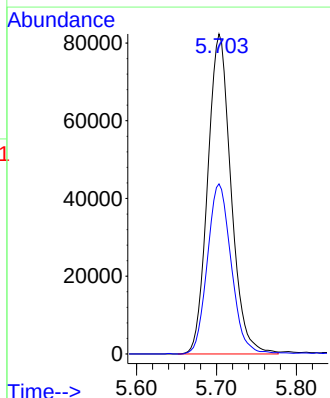
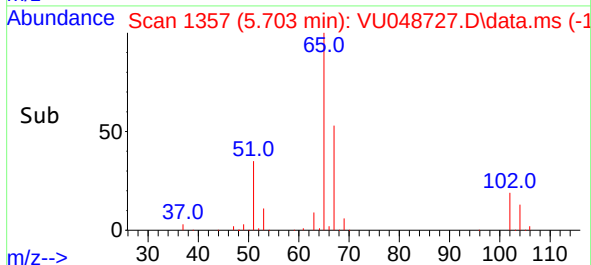
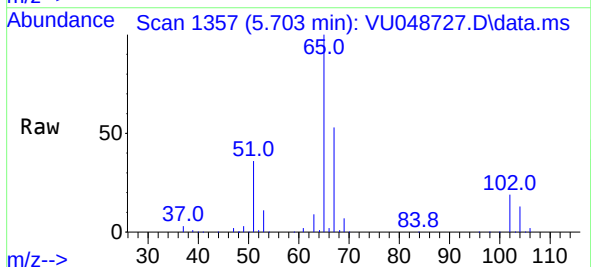
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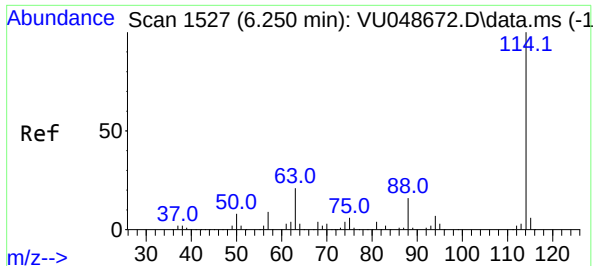
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#33
1,2-Dichloroethane-d4
Concen: 48.543 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Tgt Ion: 65 Resp: 166772
Ion Ratio Lower Upper
65 100
67 54.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. -0.000 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 376970

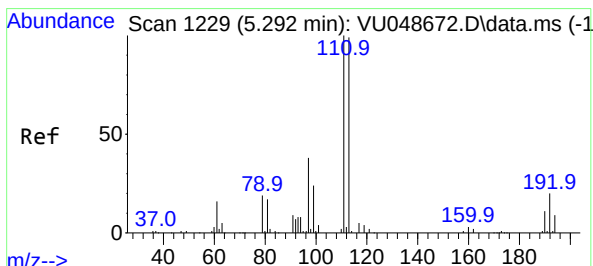
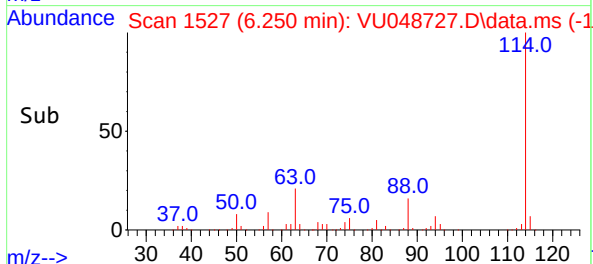
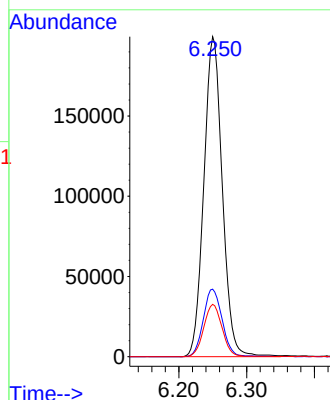
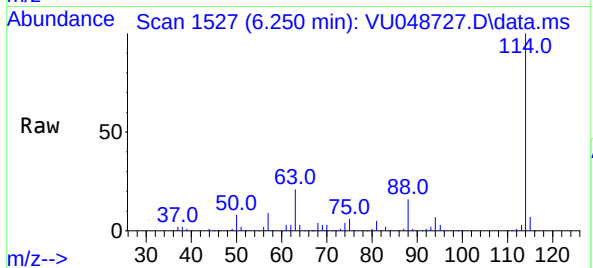
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	16.4	0.0	32.2

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Supervised By :Mahesh Dadoda 05/31/2022



#35

Dibromofluoromethane

Concen: 55.865 ug/l

RT: 5.292 min Scan# 1229

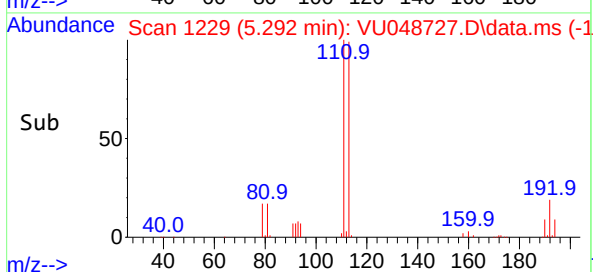
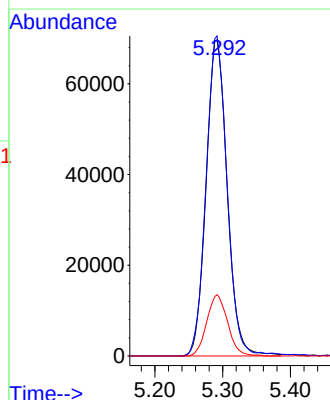
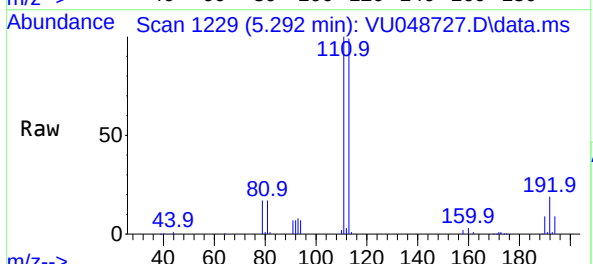
Delta R.T. -0.000 min

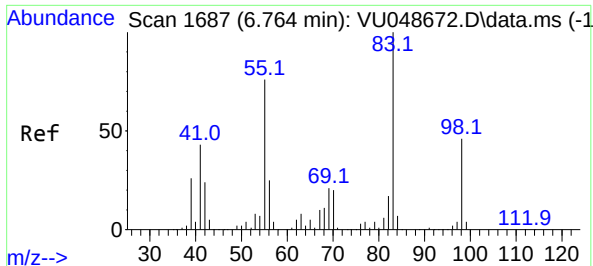
Lab File: VU048727.D

Acq: 28 May 2022 05:32

Tgt Ion:113 Resp: 150244

Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.7	121.1
192	19.1	15.9	23.9





#39

Methylcyclohexane

Concen: 36.502 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU048727.D

Acq: 28 May 2022 05:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tgt Ion: 83 Resp: 150228

Ion Ratio Lower Upper

83 100

55 74.1 61.0 91.6

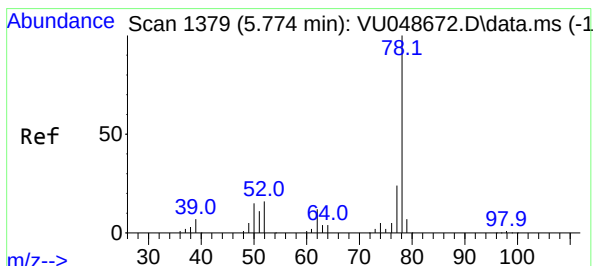
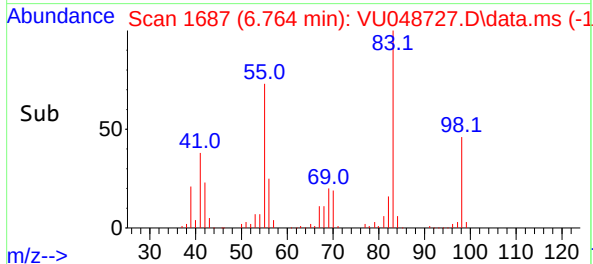
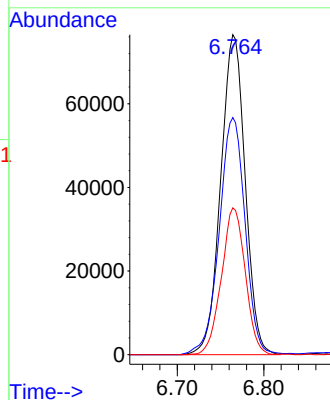
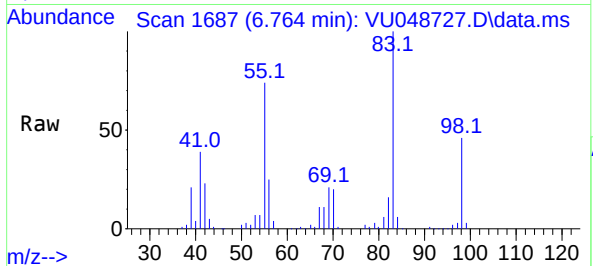
98 45.9 36.8 55.2

Manual Integrations

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Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#40

Benzene

Concen: 3.484 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048727.D

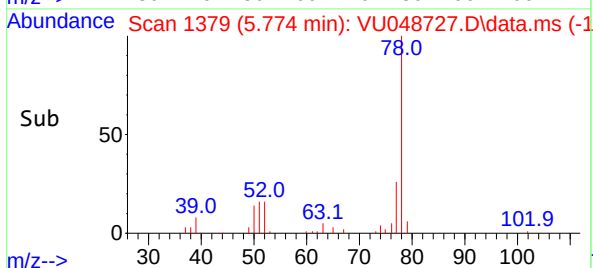
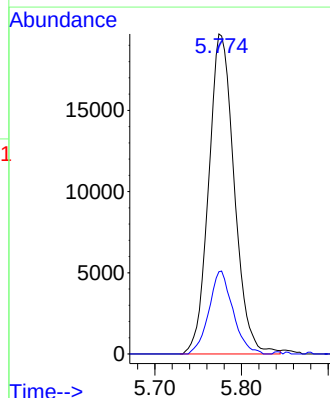
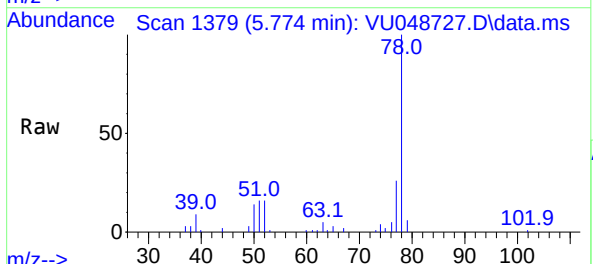
Acq: 28 May 2022 05:32

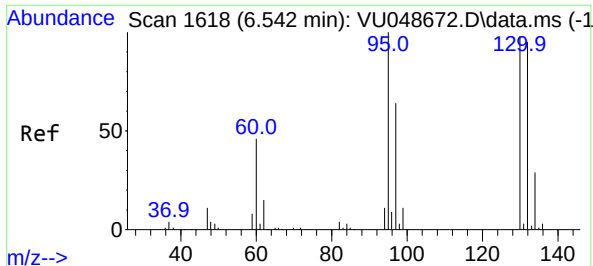
Tgt Ion: 78 Resp: 40377

Ion Ratio Lower Upper

78 100

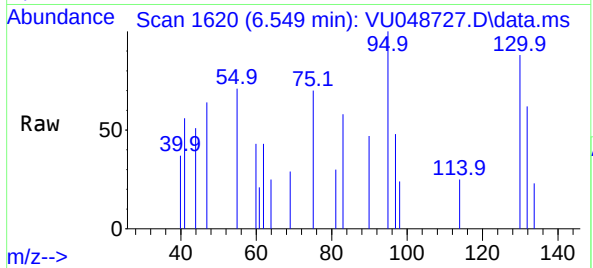
77 25.7 19.0 28.6





#44
Trichloroethene
Concen: 0.274 ug/l
RT: 6.549 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

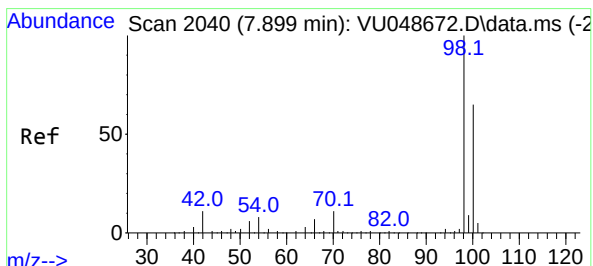
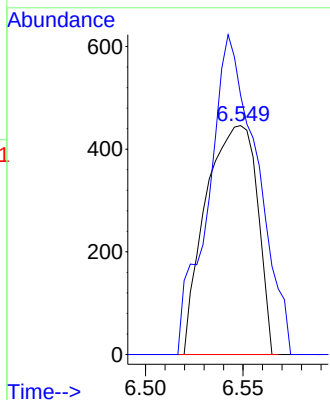
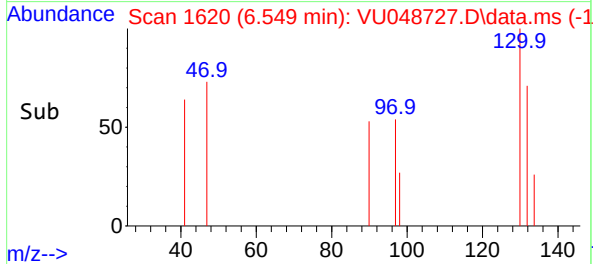
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion:130 Resp: 818
Ion Ratio Lower Upper
130 100
95 113.2 0.0 204.8

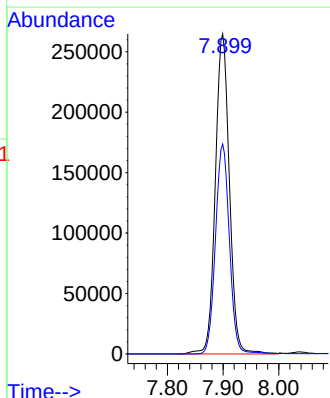
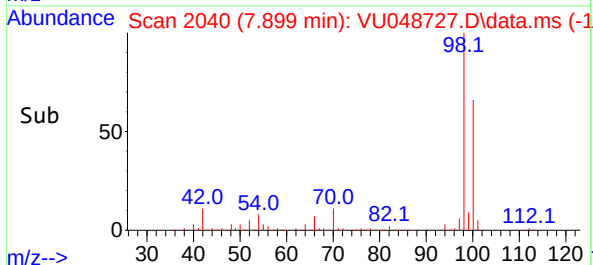
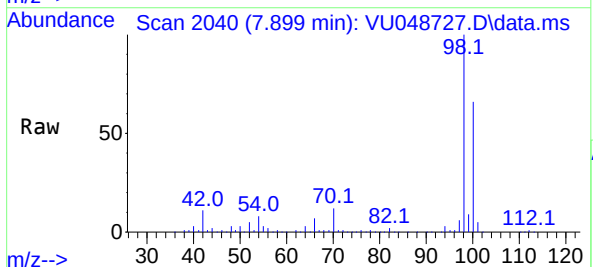
Manual Integrations
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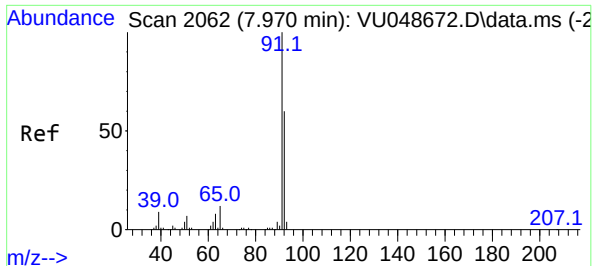
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 48.259 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

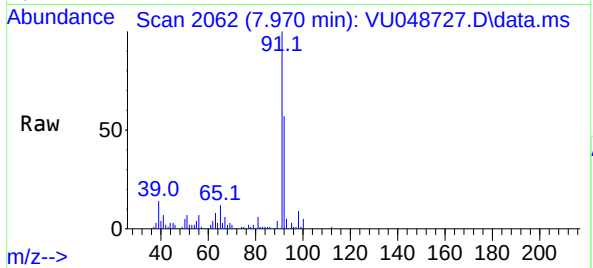
Tgt Ion: 98 Resp: 465241
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#52
Toluene
Concen: 2.495 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

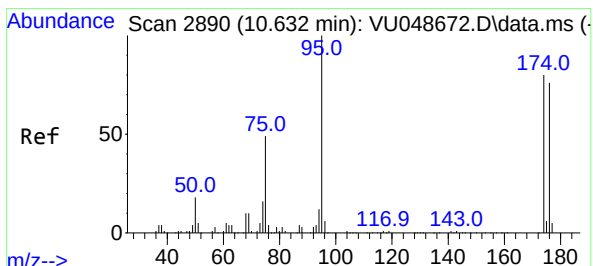
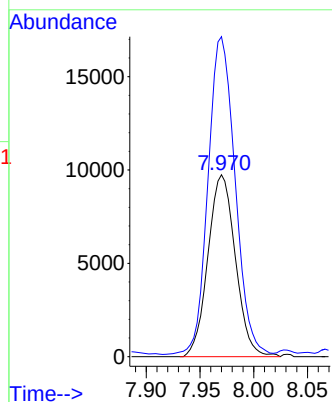
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



Tgt Ion: 92 Resp: 1729
Ion Ratio Lower Upper
92 100
91 171.8 135.0 202.4

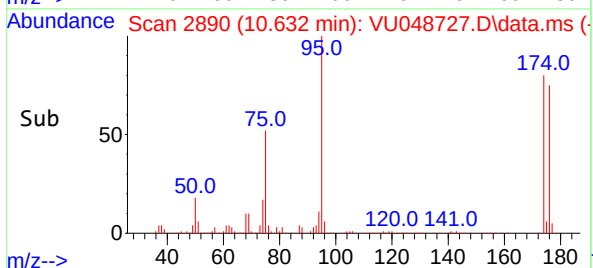
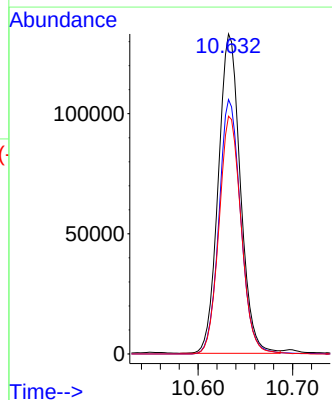
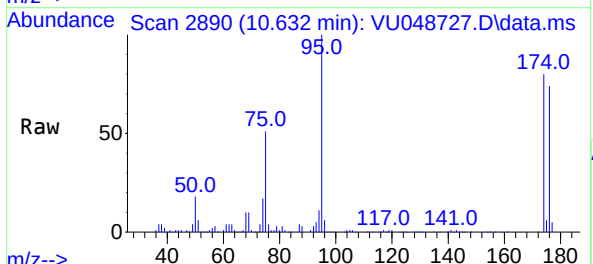
Manual Integrations
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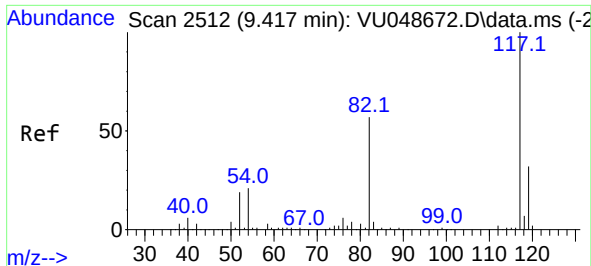
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 59.050 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

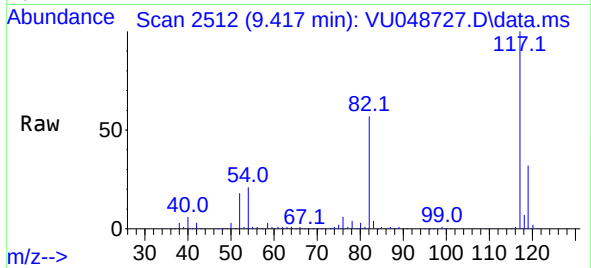
Tgt Ion: 95 Resp: 215292
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 74.6 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

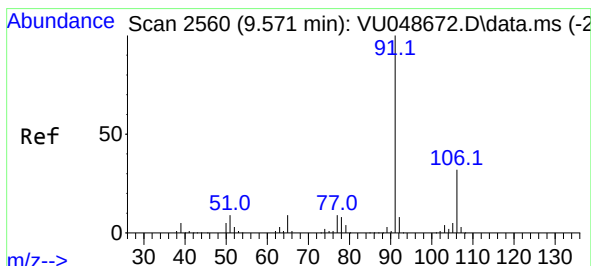
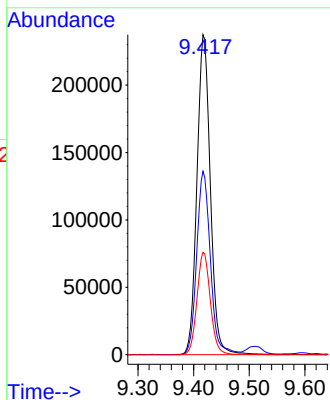
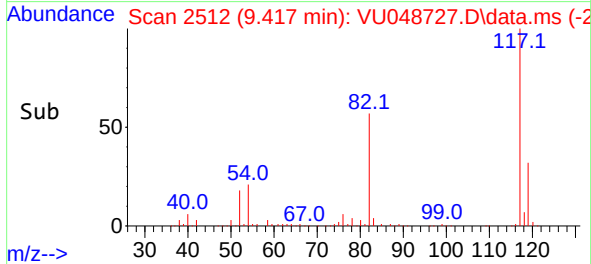
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



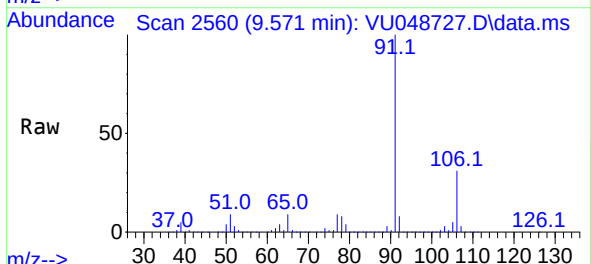
Tgt Ion: 117 Resp: 397264
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.0 25.4 38.2

Manual Integrations
APPROVED

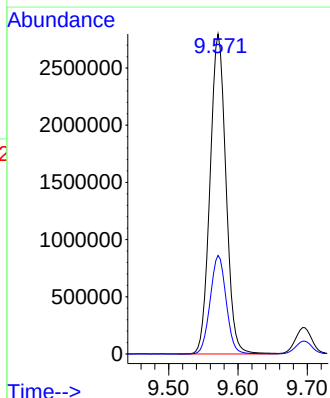
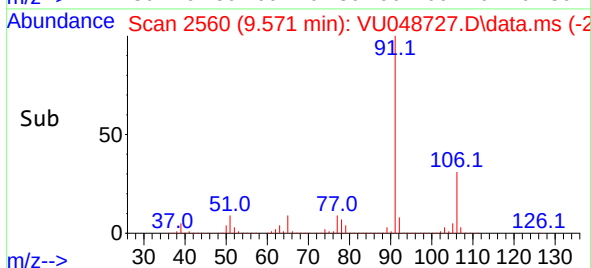
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

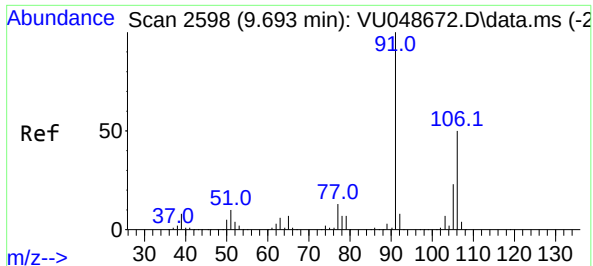


#67
Ethyl Benzene
Concen: 313.836 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32



Tgt Ion: 91 Resp: 4447409
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2





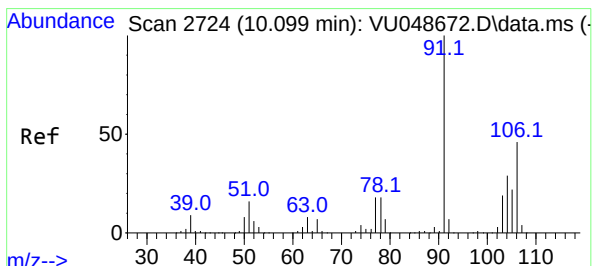
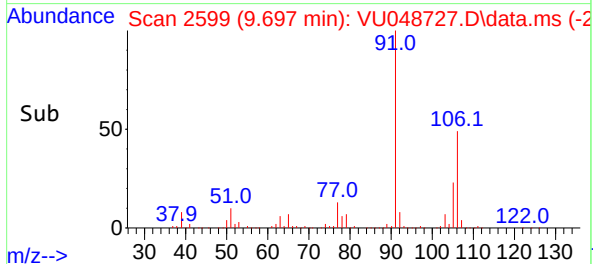
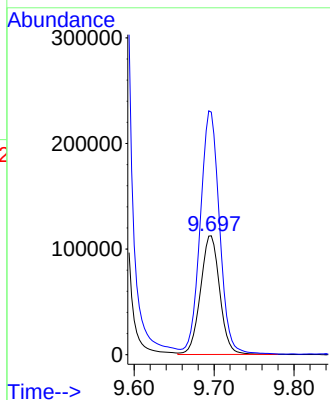
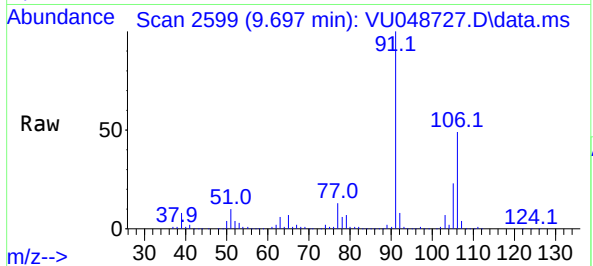
#68
m/p-Xylenes
Concen: 33.982 ug/l
RT: 9.697 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 188340
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6

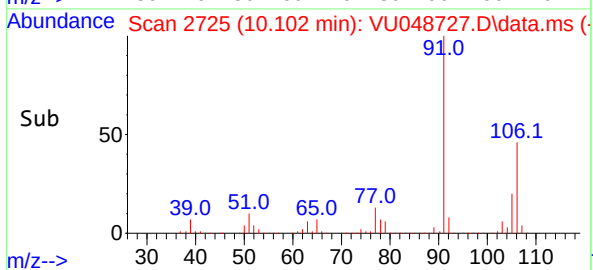
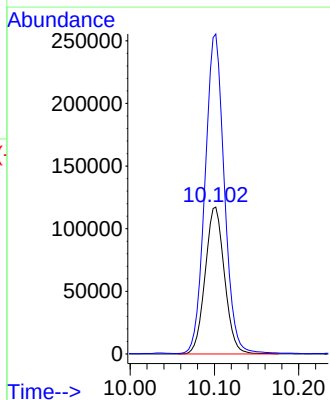
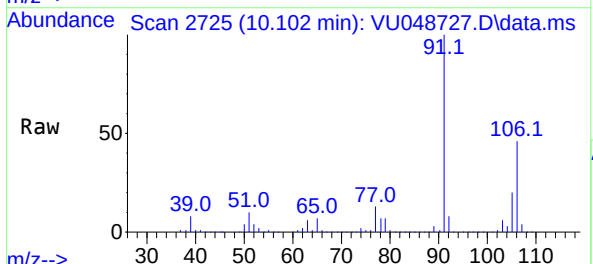
Manual Integrations
APPROVED

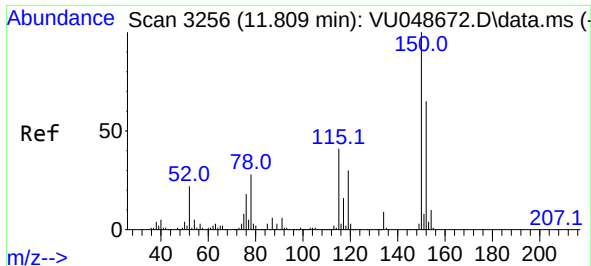
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#69
o-Xylene
Concen: 34.414 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

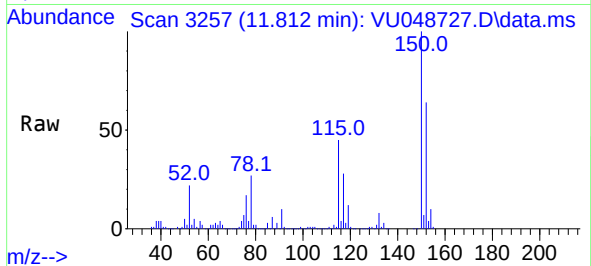
Tgt Ion:106 Resp: 187394
Ion Ratio Lower Upper
106 100
91 216.5 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

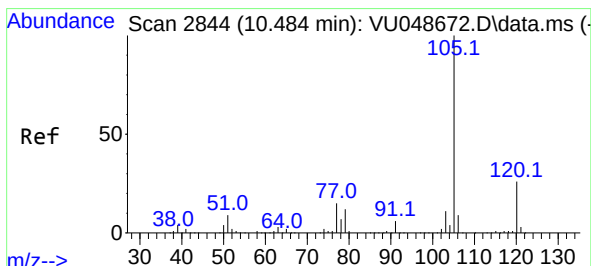
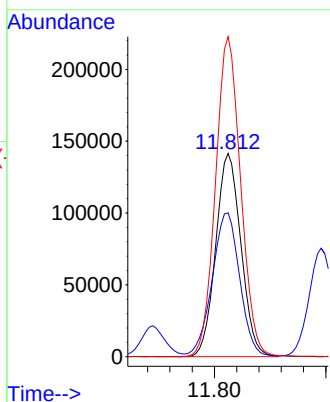
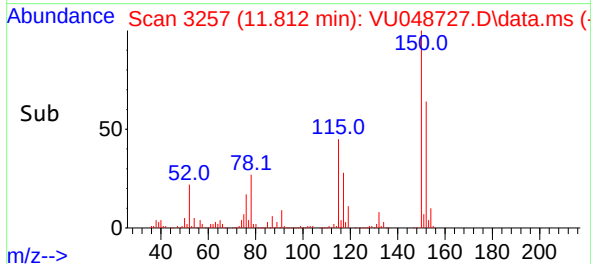
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



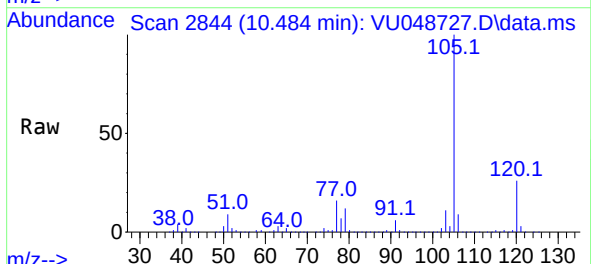
Tgt Ion:152 Resp: 222338
Ion Ratio Lower Upper
152 100
115 76.3 41.8 125.4
150 157.4 0.0 341.0

Manual Integrations
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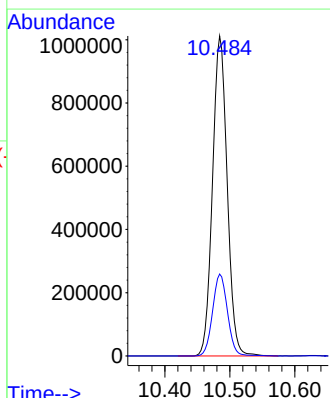
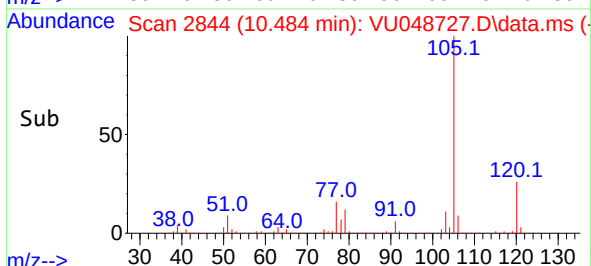
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

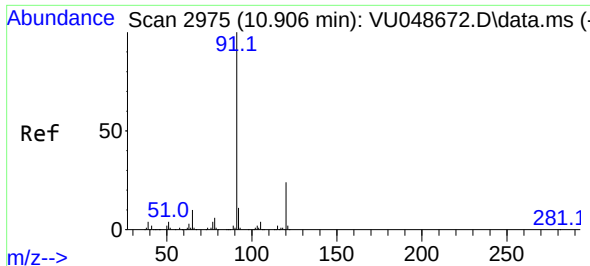


#73
Isopropylbenzene
Concen: 110.153 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32



Tgt Ion:105 Resp: 1581144
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6





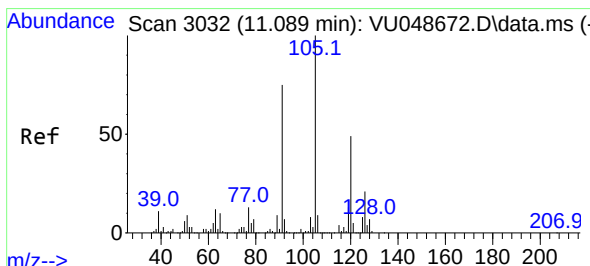
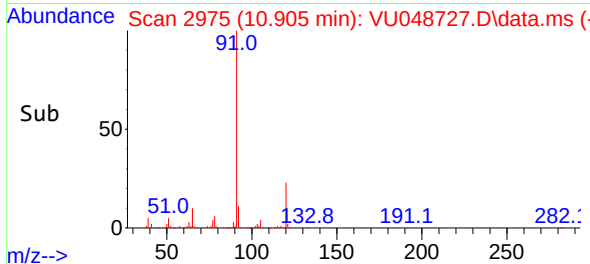
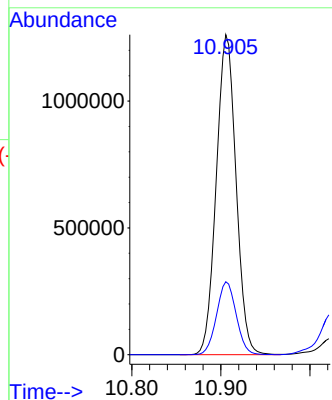
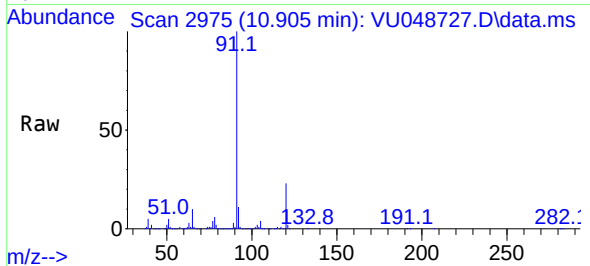
#78
n-propylbenzene
Concen: 113.646 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 194381
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

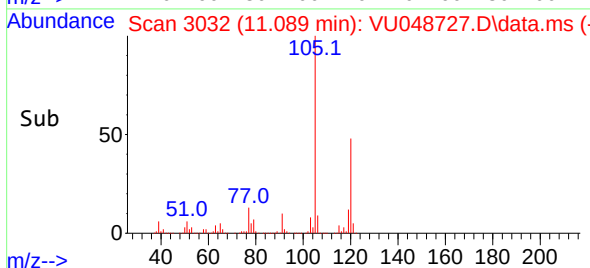
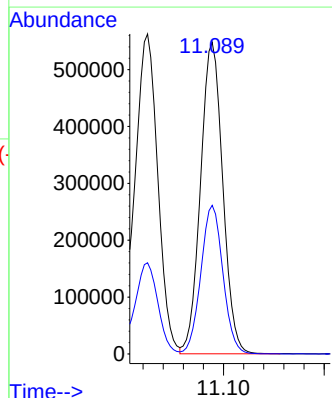
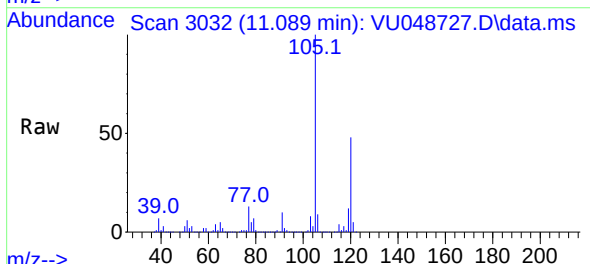
Manual Integrations
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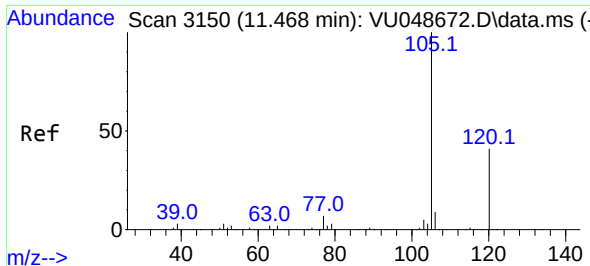
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 67.425 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

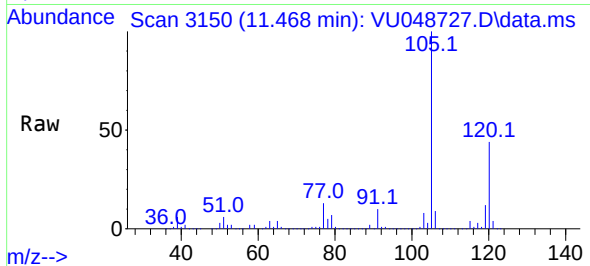
Tgt Ion:105 Resp: 841641
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 427.937 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

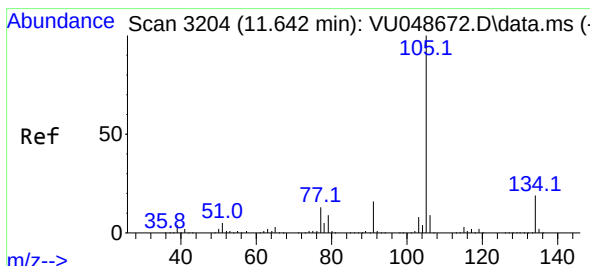
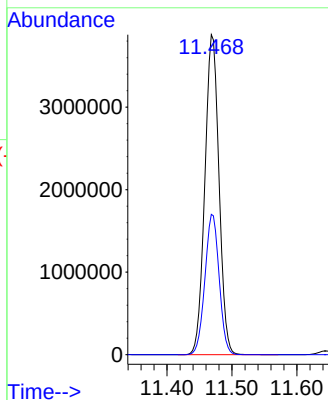
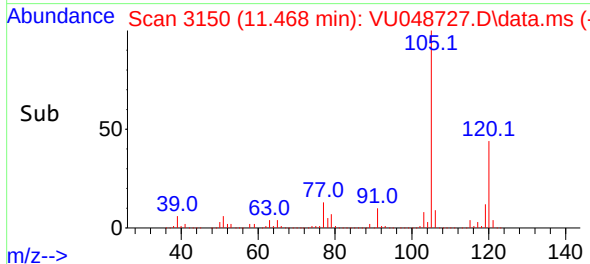
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



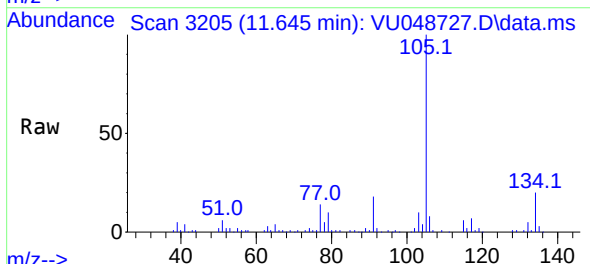
Tgt Ion:105 Resp: 5880630
Ion Ratio Lower Upper
105 100
120 44.0 22.5 67.5

Manual Integrations
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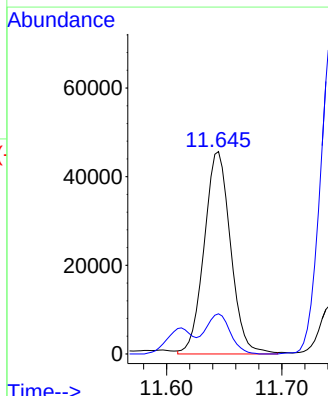
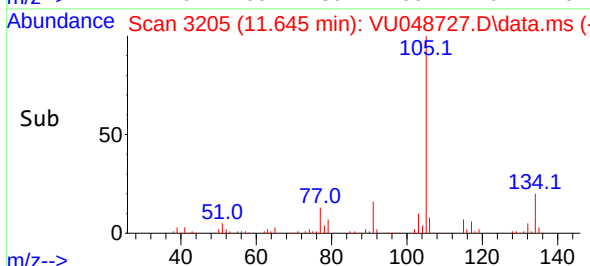
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

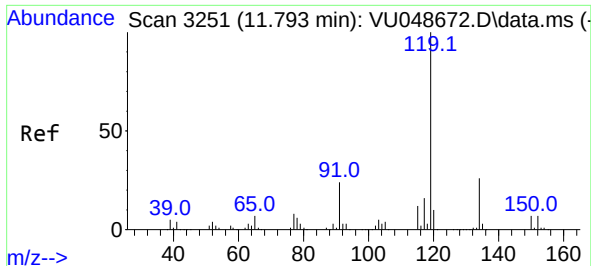


#85
sec-Butylbenzene
Concen: 4.858 ug/l m
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32



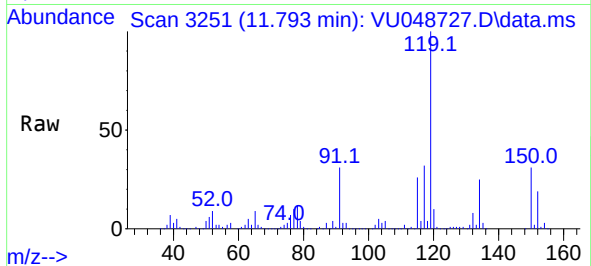
Tgt Ion:105 Resp: 72819
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#86
p-Isopropyltoluene
Concen: 14.423 ug/l m
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32

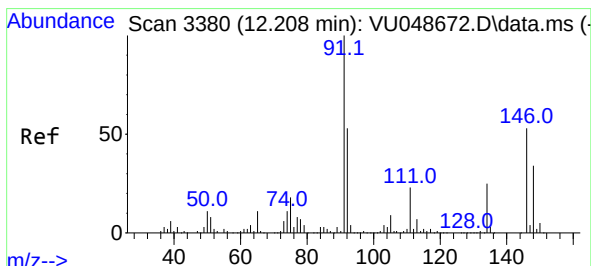
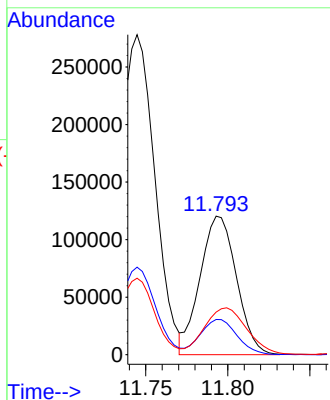
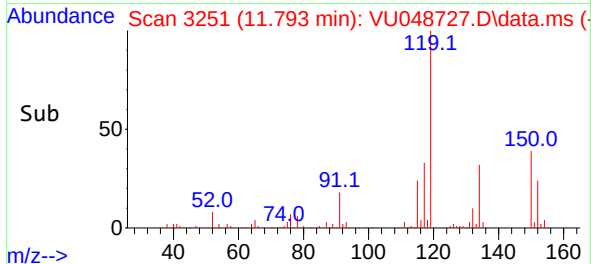
Instrument :
MSVOA_U
ClientSampleId :
VIBLK



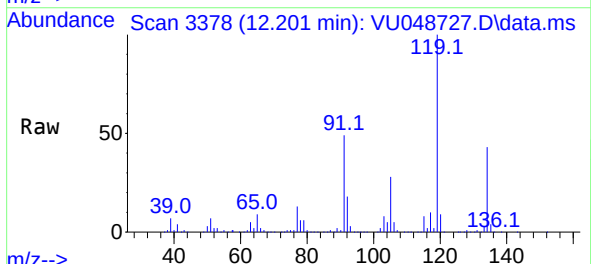
Tgt Ion: 119 Resp: 18563
Ion Ratio Lower Upper
119 100
134 63.0 12.8 38.4
91 54.5 12.0 36.0

Manual Integrations
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Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#89
n-Butylbenzene
Concen: 8.811 ug/l m
RT: 12.201 min Scan# 3378
Delta R.T. -0.007 min
Lab File: VU048727.D
Acq: 28 May 2022 05:32



Tgt Ion: 91 Resp: 89266
Ion Ratio Lower Upper
91 100
92 77.7 25.9 77.8
134 280.5 12.5 37.5

