

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048714.D
 Acq On : 28 May 2022 00:27
 Operator : SY/MD
 Sample : N3033-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-6

Quant Time: May 30 02:57:46 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	221861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	379380	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	370886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	217486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166326	49.919	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.840%			
35) Dibromofluoromethane	5.292	113	145391	53.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	7.899	98	452746	46.665	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.320%			
62) 4-Bromofluorobenzene	10.632	95	207204	56.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.940%			
Target Compounds						
11) Tert butyl alcohol	3.176	59	155363	183.919	ug/l #	43
16) Acetone	2.610	43	10108m	5.953	ug/l	
19) Methyl tert-butyl Ether	3.366	73	105000	12.255	ug/l #	87
22) Diisopropyl ether	3.993	45	19381	2.402	ug/l #	77
40) Benzene	5.777	78	13139	1.127	ug/l	93
84) 1,2,4-Trimethylbenzene	11.471	105	3064	1.414	ug/l	98
85) sec-Butylbenzene	11.645	105	15808	1.078	ug/l	98

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

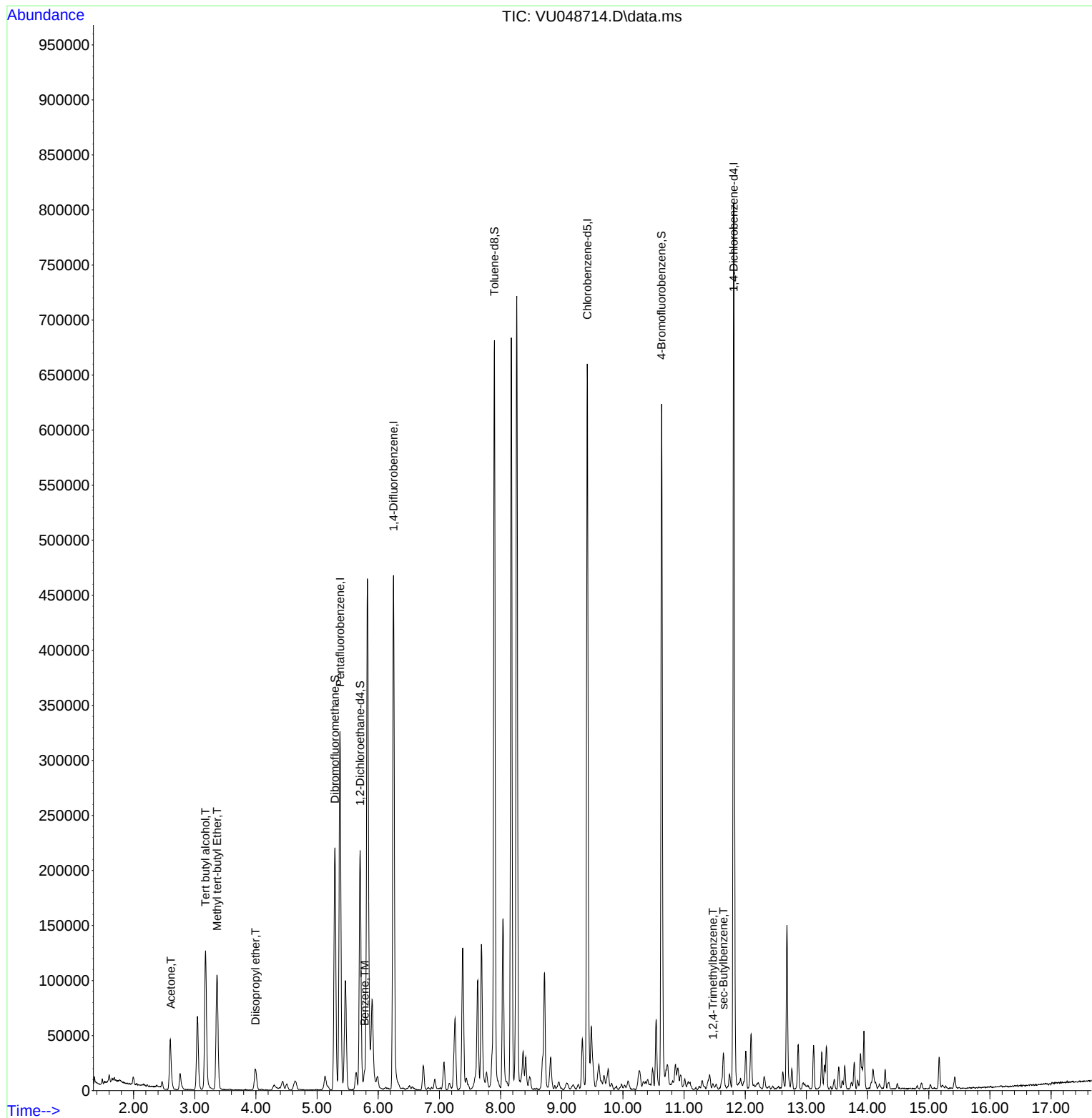
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048714.D
Acq On : 28 May 2022 00:27
Operator : SY/MD
Sample : N3033-02
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ALS Vial : 39 Sample Multiplier: 1

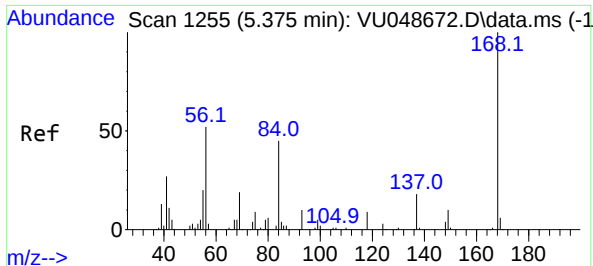
Instrument :
MSVOA_U
ClientSampleId :
TW-6

Quant Time: May 30 02:57:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
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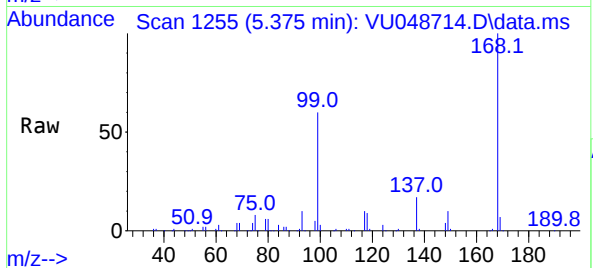
Reviewed By : John Carlone 05/31/2022
Supervised By : Mahesh Dadoda 05/31/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

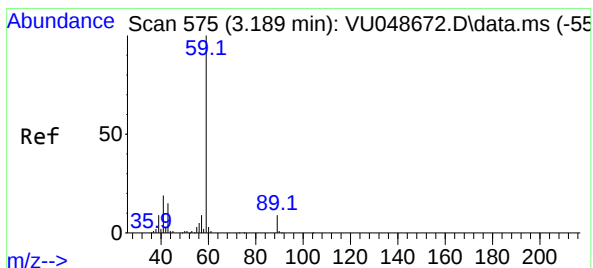
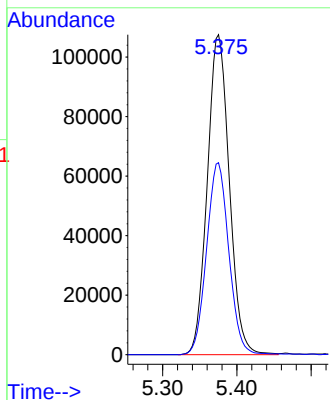
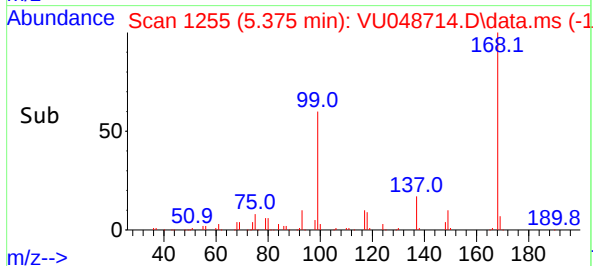
Instrument :
MSVOA_U
ClientSampleId :
TW-6



Tgt Ion:168 Resp: 22186
Ion Ratio Lower Upper
168 100
99 60.0 49.3 73.9

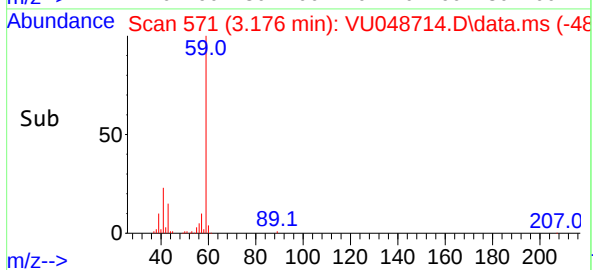
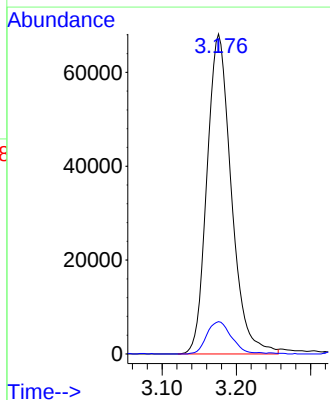
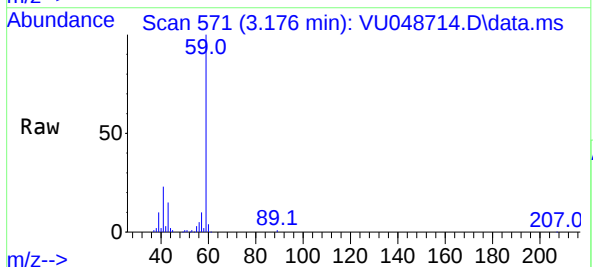
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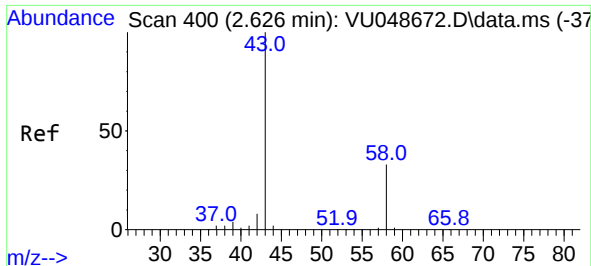
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#11
Tert butyl alcohol
Concen: 183.919 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

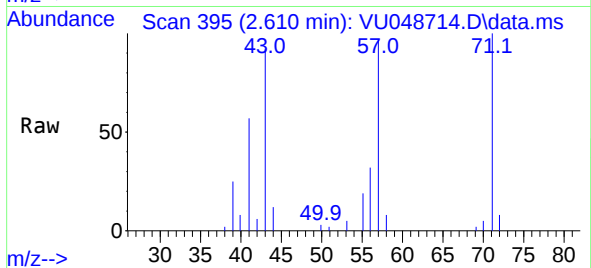
Tgt Ion: 59 Resp: 155363
Ion Ratio Lower Upper
59 100
57 10.3 39.7 59.5#





#16
Acetone
Concen: 5.953 ug/l m
RT: 2.610 min Scan# 395
Delta R.T. -0.016 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

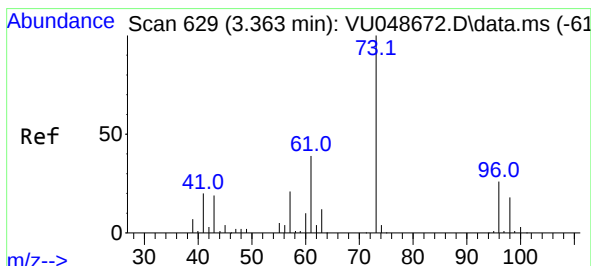
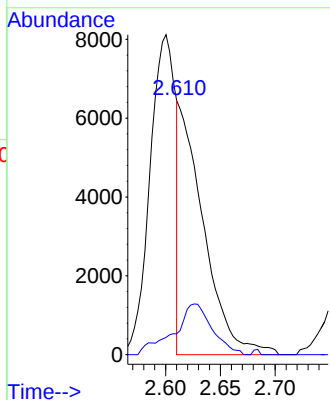
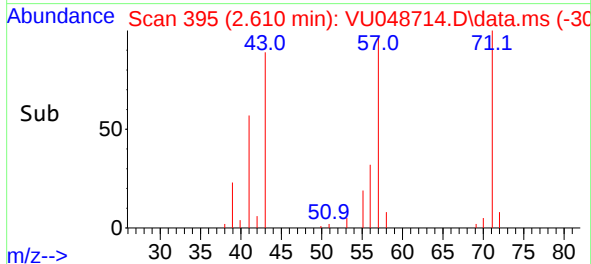
Instrument :
MSVOA_U
ClientSampleId :
TW-6



Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 8.2 26.3 39.5

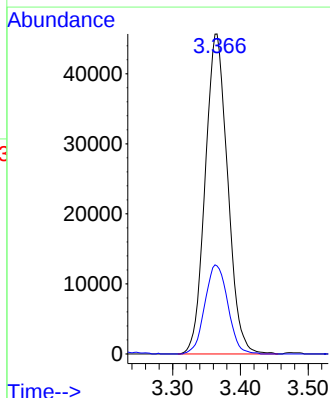
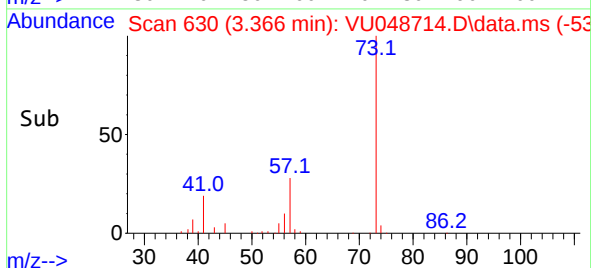
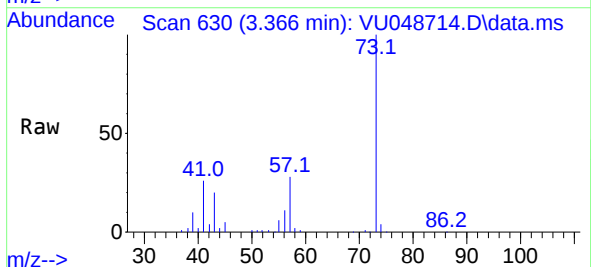
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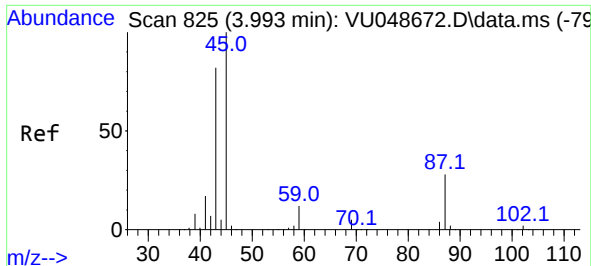
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#19
Methyl tert-butyl Ether
Concen: 12.255 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

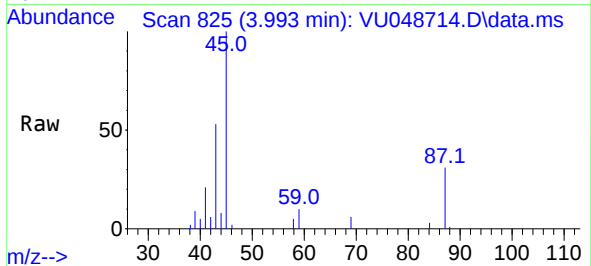
Tgt Ion: 73 Resp: 105000
Ion Ratio Lower Upper
73 100
57 27.5 17.1 25.7#





#22
Diisopropyl ether
Concen: 2.402 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

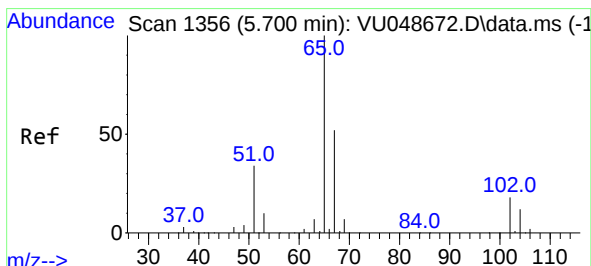
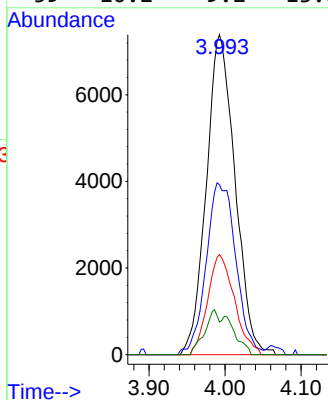
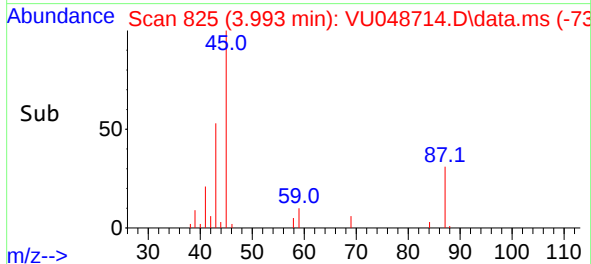
Instrument :
MSVOA_U
ClientSampleId :
TW-6



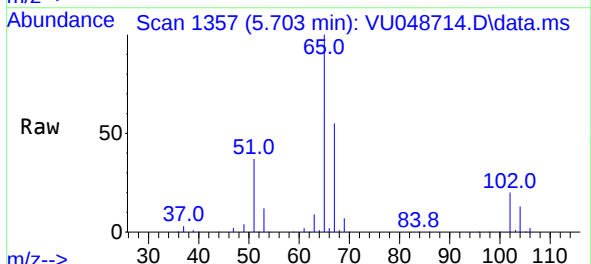
Tgt Ion: 45 Resp: 1938
Ion Ratio Lower Upper
45 100
43 53.1 65.2 97.8
87 31.3 22.7 34.1
59 10.2 9.2 13.8

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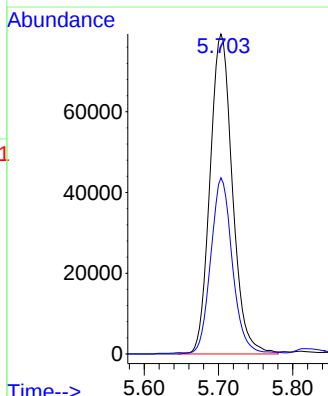
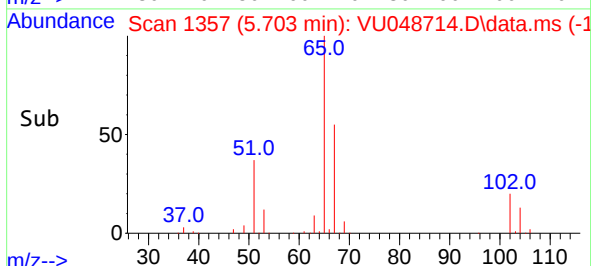
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

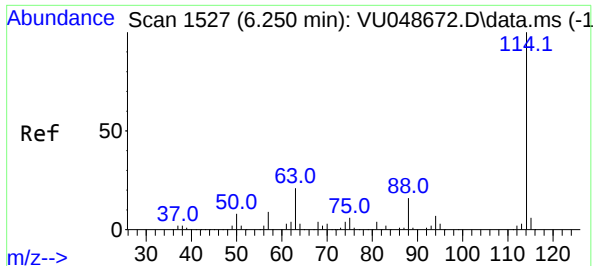


#33
1,2-Dichloroethane-d4
Concen: 49.919 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27



Tgt Ion: 65 Resp: 166326
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048714.D

Acq: 28 May 2022 00:27

Instrument :

MSVOA_U

ClientSampleId :

TW-6

Tgt Ion:114 Resp: 379380

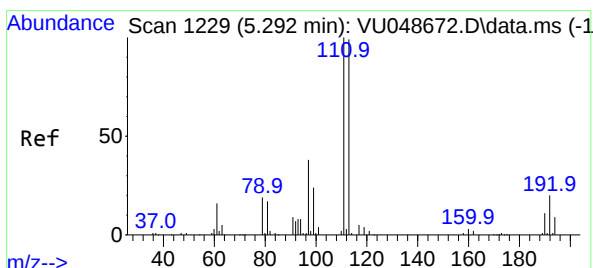
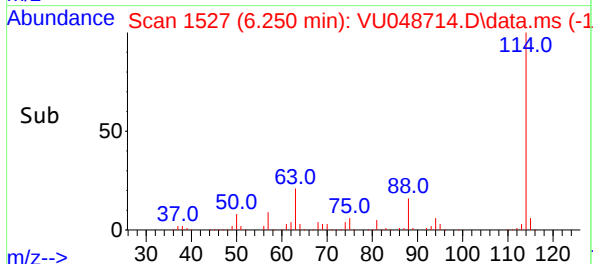
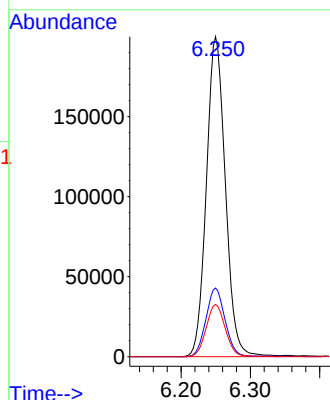
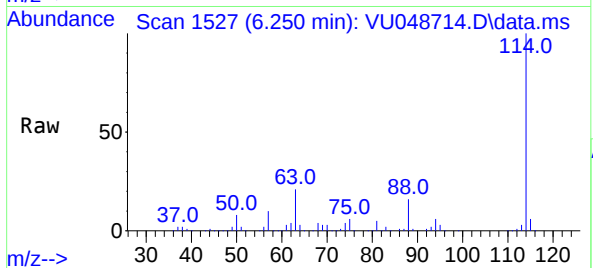
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	16.3	0.0	32.2

Manual Integrations

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Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#35

Dibromofluoromethane

Concen: 53.718 ug/l

RT: 5.292 min Scan# 1229

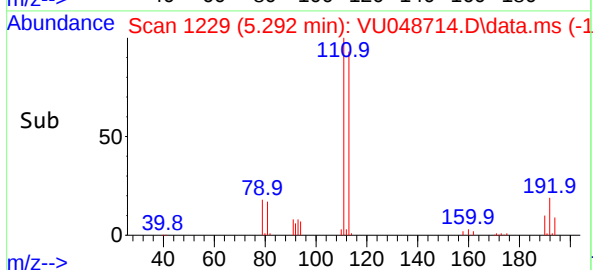
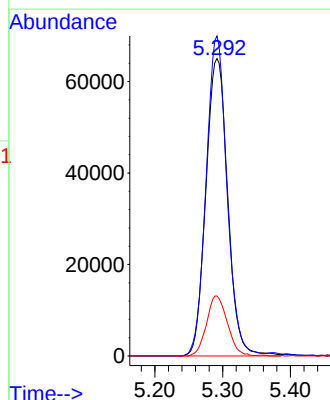
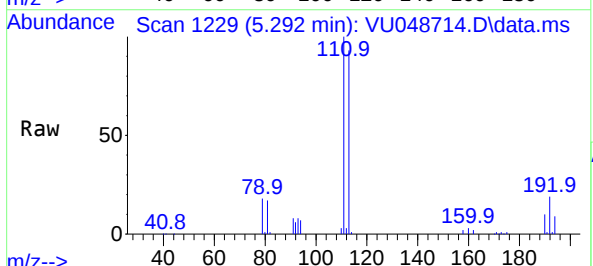
Delta R.T. -0.000 min

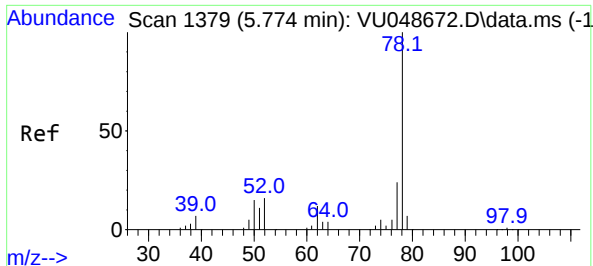
Lab File: VU048714.D

Acq: 28 May 2022 00:27

Tgt Ion:113 Resp: 145391

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	19.3	15.9	23.9





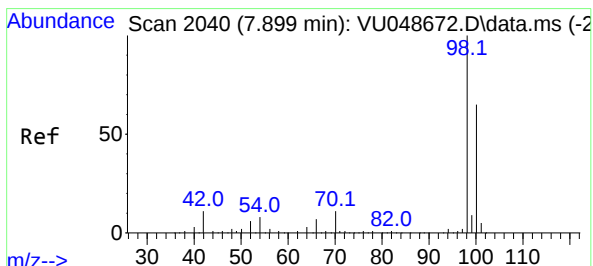
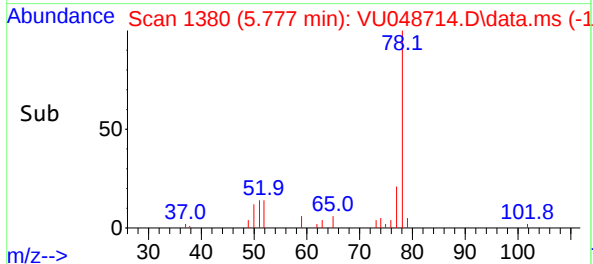
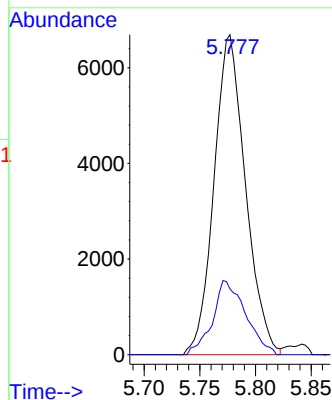
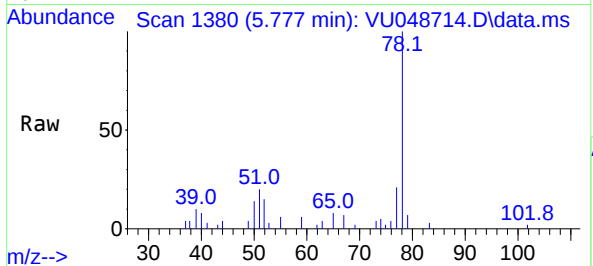
#40
Benzene
Concen: 1.127 ug/l
RT: 5.777 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

Instrument :
MSVOA_U
ClientSampleId :
TW-6

Tgt Ion: 78 Resp: 13139
Ion Ratio Lower Upper
78 100
77 20.5 19.0 28.6

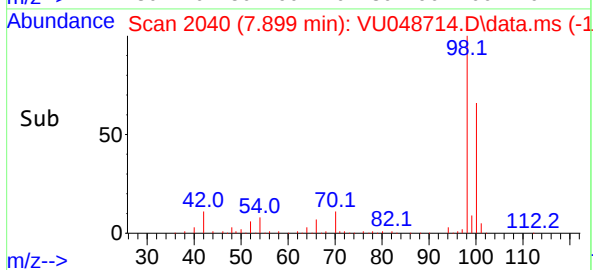
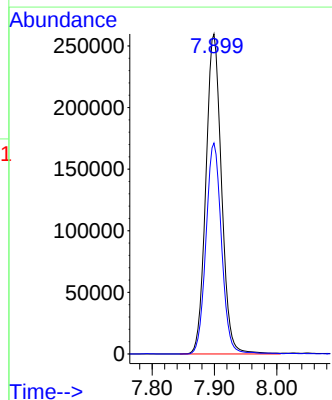
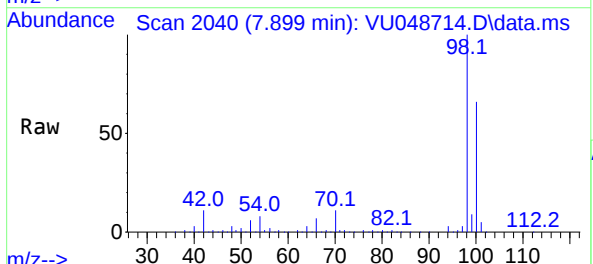
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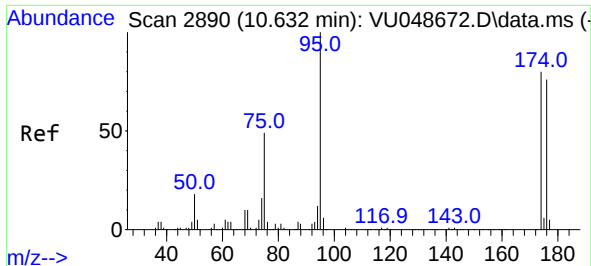
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 46.665 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

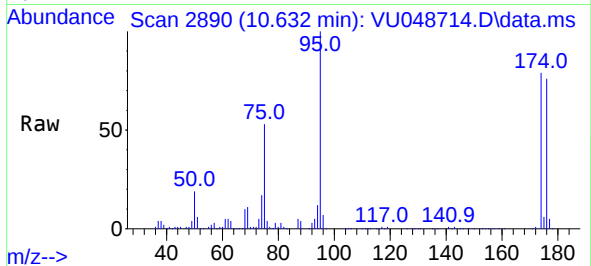
Tgt Ion: 98 Resp: 452746
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 56.470 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

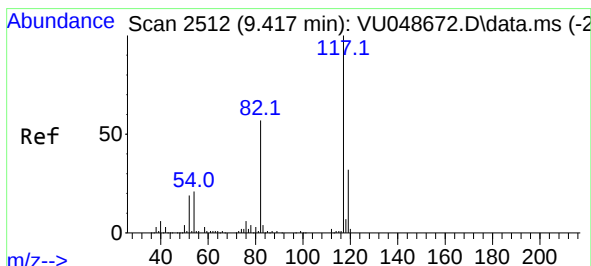
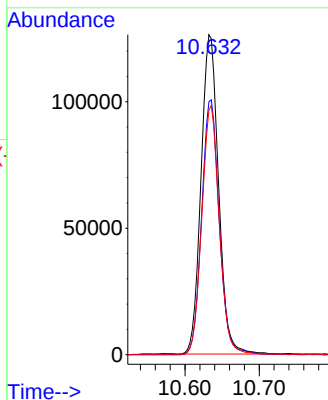
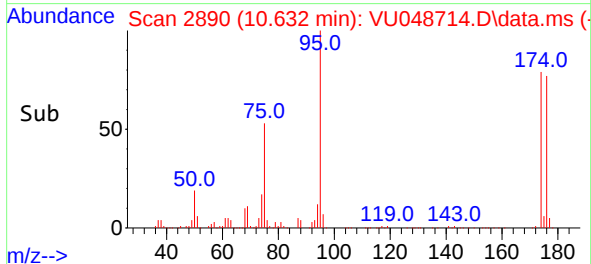
Instrument :
MSVOA_U
ClientSampleId :
TW-6



Tgt Ion: 95 Resp: 207204
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.4
176 77.4 0.0 152.4

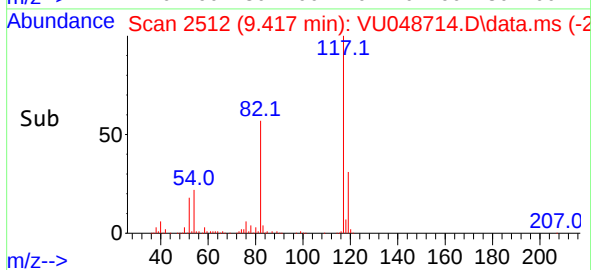
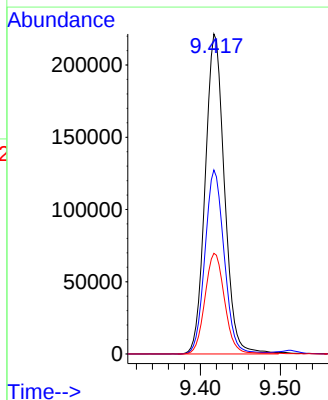
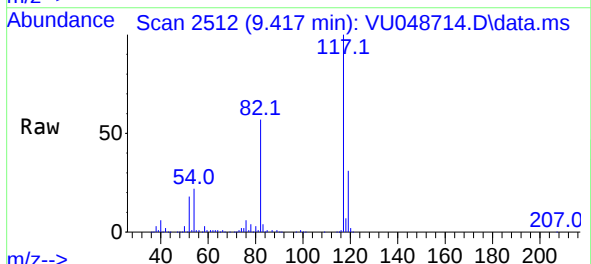
Manual Integrations
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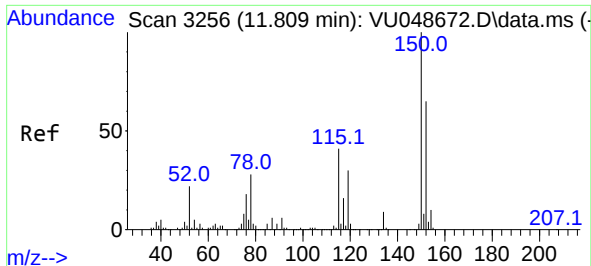
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

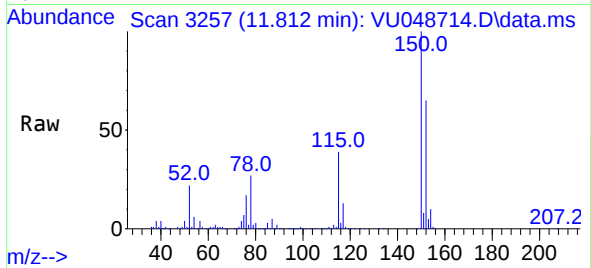
Tgt Ion:117 Resp: 370886
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.5 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27

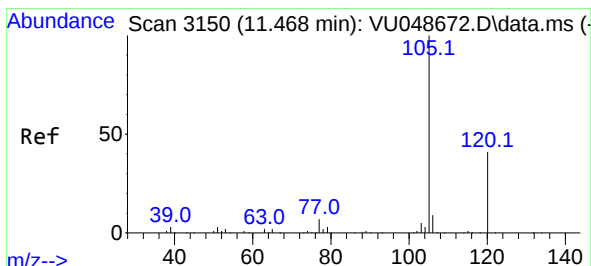
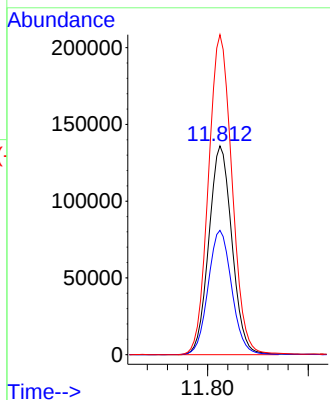
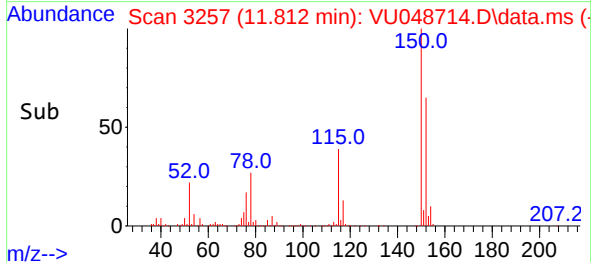
Instrument :
MSVOA_U
ClientSampleId :
TW-6



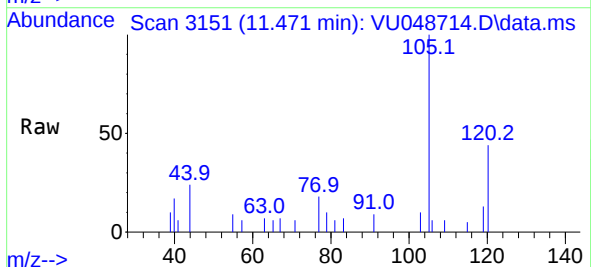
Tgt Ion:152 Resp: 217480
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 156.3 0.0 341.0

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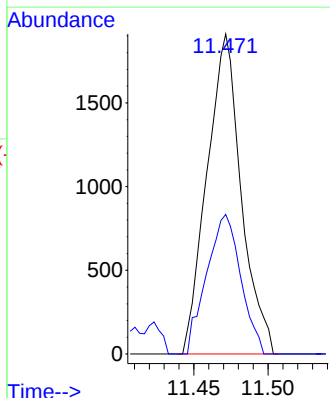
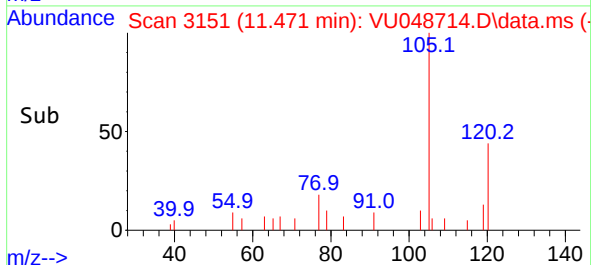
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

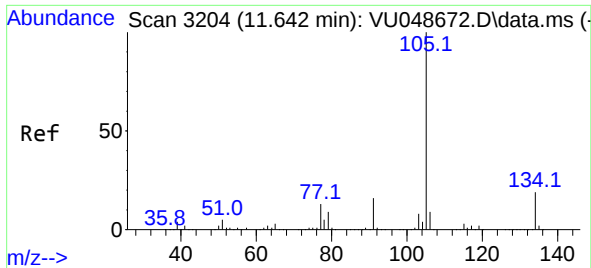


#84
1,2,4-Trimethylbenzene
Concen: 1.414 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048714.D
Acq: 28 May 2022 00:27



Tgt Ion:105 Resp: 3064
Ion Ratio Lower Upper
105 100
120 43.4 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 1.078 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048714.D
 Acq: 28 May 2022 00:27

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-6

Tgt Ion:105 Resp: 1580
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.6 28.6

Manual Integrations
 APPROVED

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

