

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051532.D
 Acq On : 27 Oct 2022 04:13
 Operator : JC/MD
 Sample : N5300-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA80

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 08:27:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	306794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	162745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	119509	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.909	69	105490	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.562	65	44732	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.642	46	317178	57.699	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.400%
24) Chloroform-d	5.060	84	200720	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.703	65	104877	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.729	84	441201	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.690	67	142291	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	407838	5.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.179	79	43040	4.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.635	63	289720	91.285	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	182.560%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	133783	5.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	144737	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	204976	9.243	ug/L	87
13) Acetone	2.668	43	25164	6.103	ug/L	86
14) Carbon disulfide	2.787	76	10449	0.151	ug/L #	95
18) trans-1,2-Dichloroethene	3.350	96	32250	1.358	ug/L	93
19) 1,1-Dichloroethane	3.867	63	32778	0.669	ug/L	95
30) Cyclohexane	5.385	56	448335	14.380	ug/L	100
33) Benzene	5.758	78	28866855m	281.843	ug/L	
35) Methylcyclohexane	6.761	83	401264	12.448	ug/L	98
42) Toluene	7.957	91	29118071m	267.840	ug/L	
51) Chlorobenzene	9.439	112	27495123m	423.274	ug/L	
52) Ethylbenzene	9.561	91	22972676m	235.142	ug/L	
53) m,p-Xylene	9.697	106	10829233	285.806	ug/L #	49
54) o-Xylene	10.102	106	6129013	170.957	ug/L	95
60) Isopropylbenzene	10.484	105	5541011	53.755	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	644993	23.588	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	8227384	106.390	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	328267	6.438	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	2061528	41.020	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	1040618	20.994	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

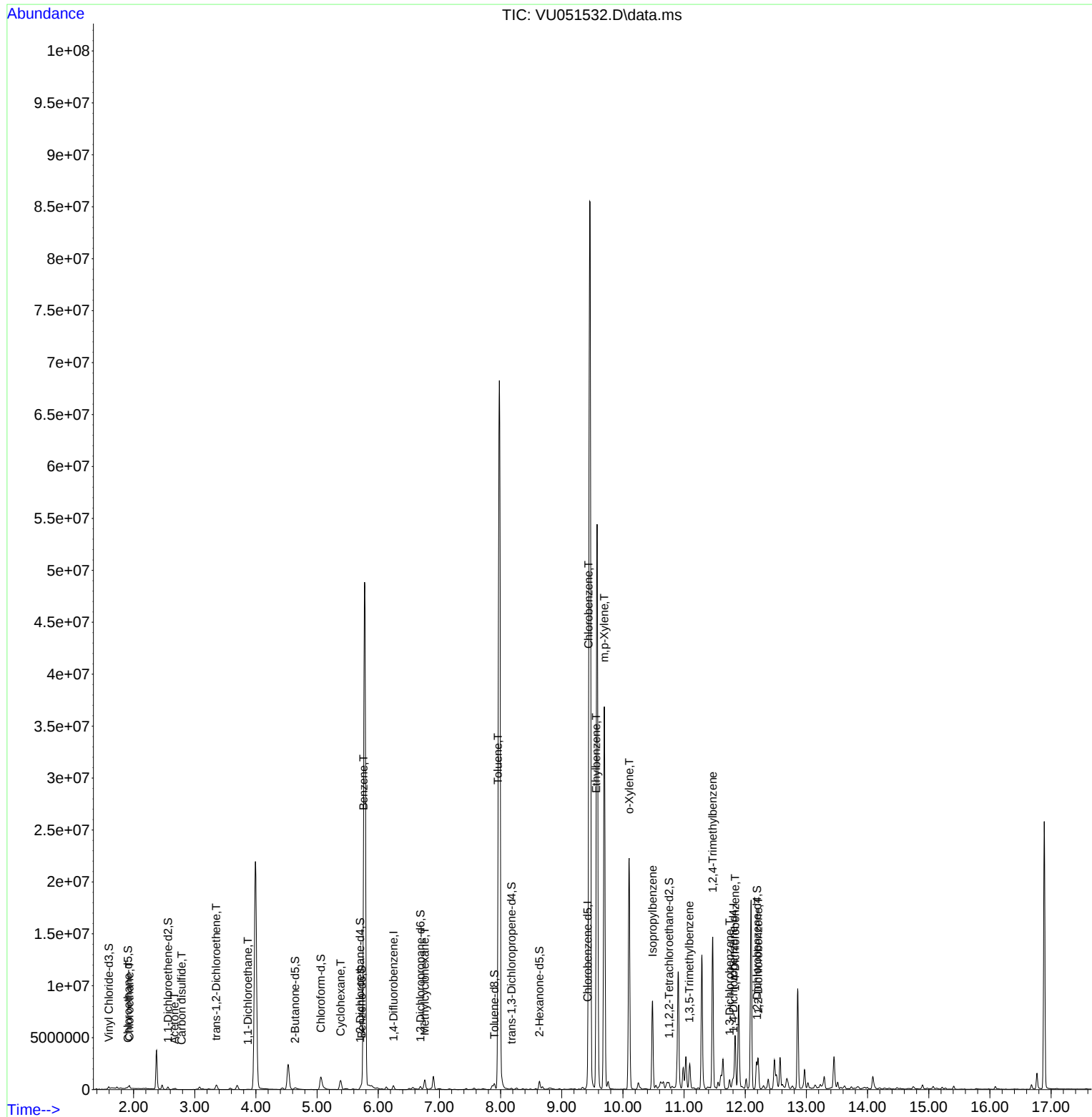
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
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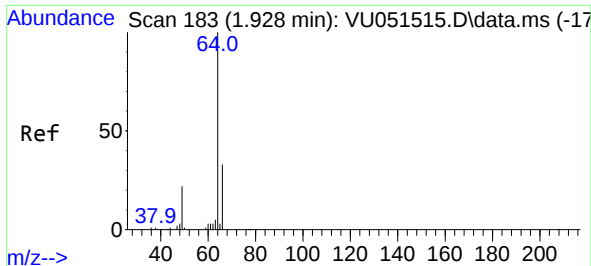
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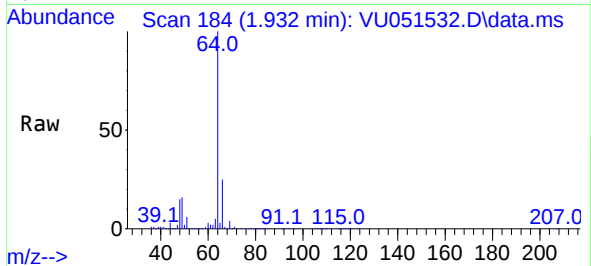
Quant Time: Oct 27 08:27:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
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#8
Chloroethane
Concen: 9.243 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

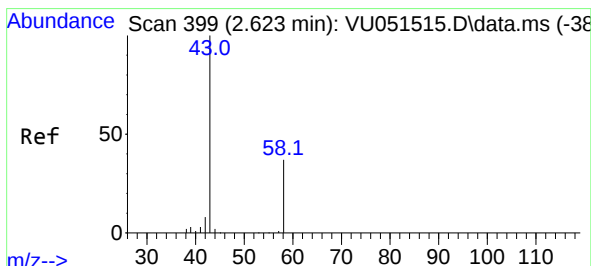
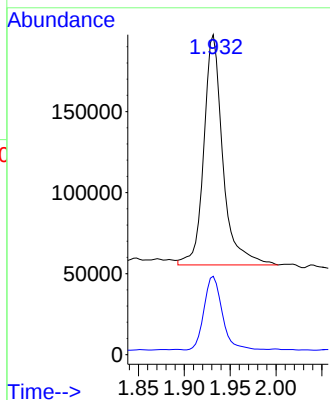
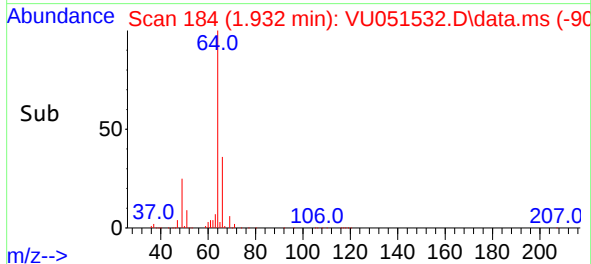
Instrument :
MSVOA_U
ClientSampleId :
BHA80



Tgt Ion: 64 Resp: 204970
Ion Ratio Lower Upper
64 100
66 24.5 22.3 41.3

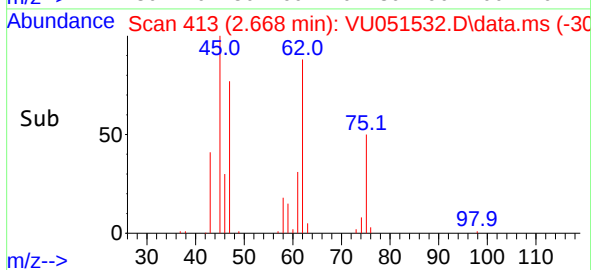
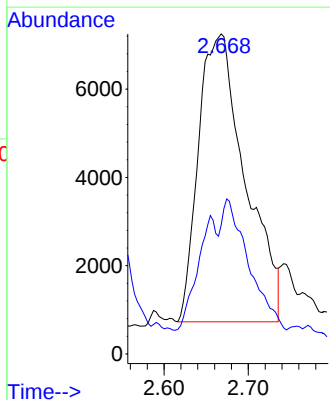
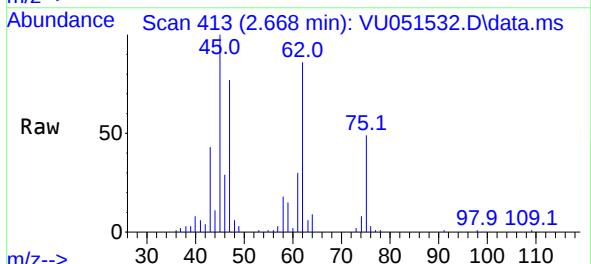
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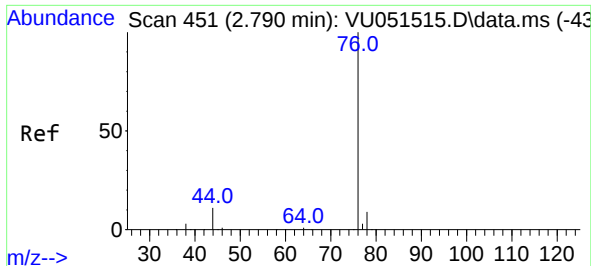
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#13
Acetone
Concen: 6.103 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.045 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

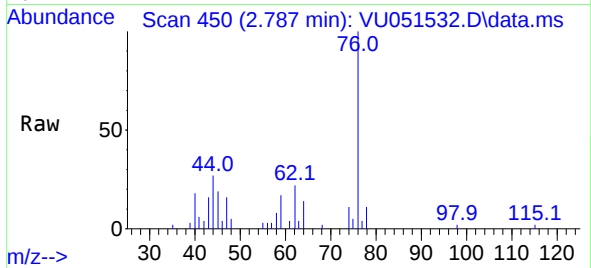
Tgt Ion: 43 Resp: 25164
Ion Ratio Lower Upper
43 100
58 26.4 0.0 68.8





#14
Carbon disulfide
Concen: 0.151 ug/L
RT: 2.787 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

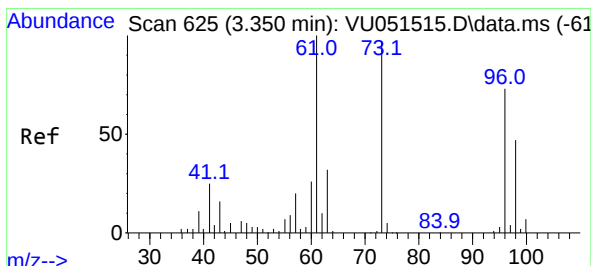
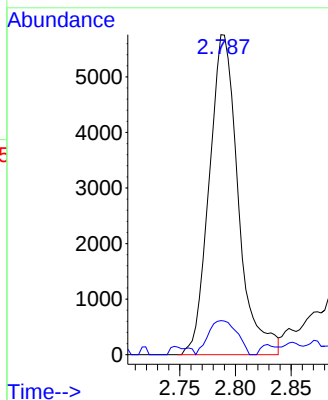
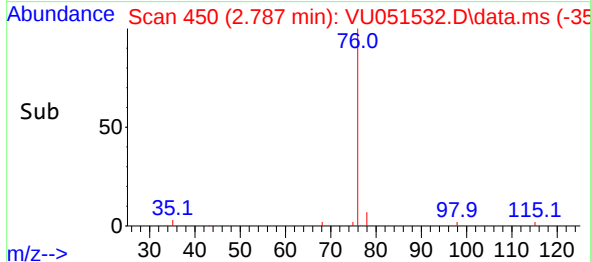
Instrument :
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ClientSampleId :
BHA80



Tgt Ion: 76 Resp: 10449
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4

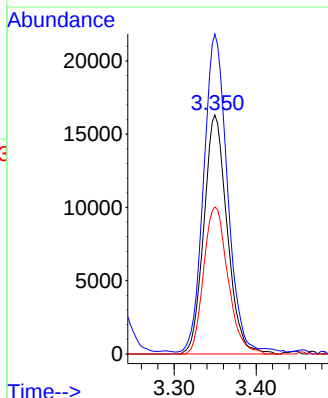
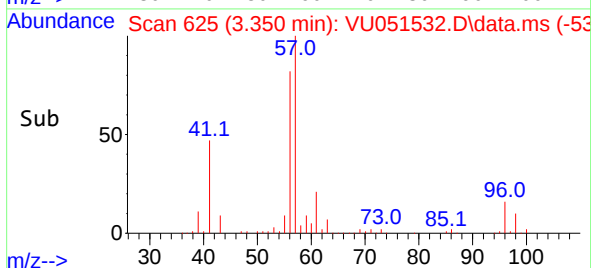
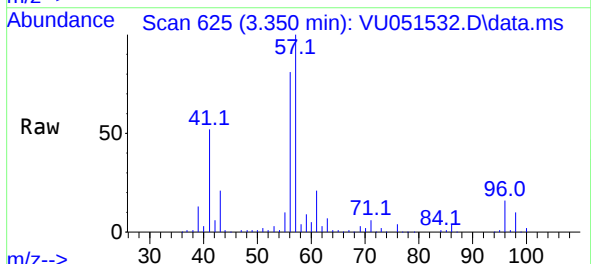
Manual Integrations
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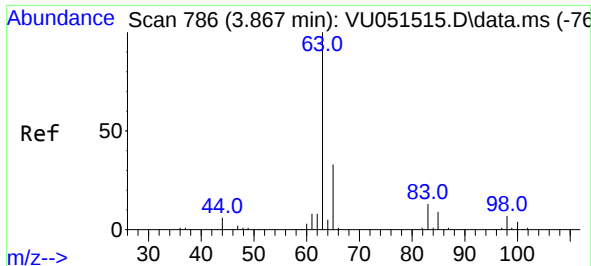
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
trans-1,2-Dichloroethene
Concen: 1.358 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

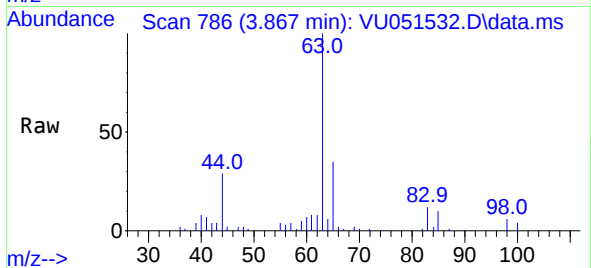
Tgt Ion: 96 Resp: 32250
Ion Ratio Lower Upper
96 100
61 133.9 101.4 188.2
98 61.5 44.9 83.5





#19
1,1-Dichloroethane
Concen: 0.669 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

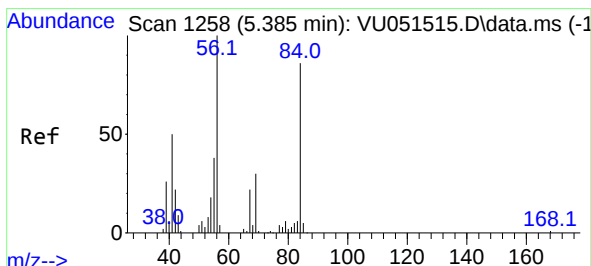
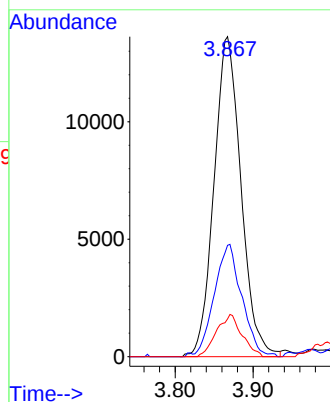
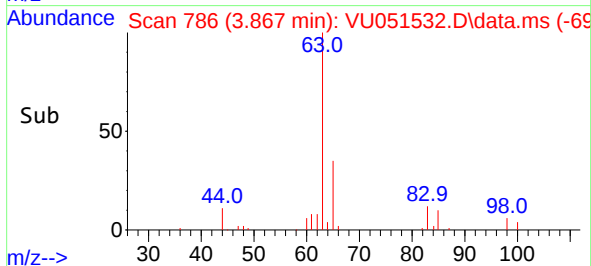
Instrument :
MSVOA_U
ClientSampleId :
BHA80



Tgt Ion: 63 Resp: 32778
Ion Ratio Lower Upper
63 100
65 34.8 22.0 41.0
83 11.8 9.0 16.6

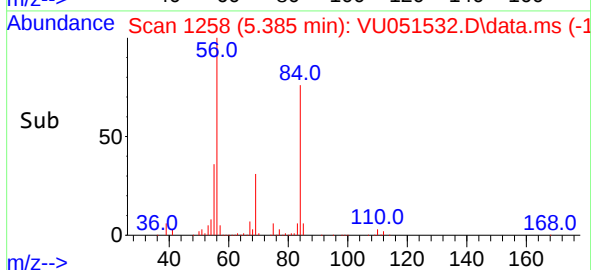
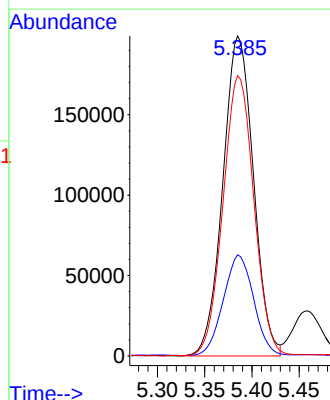
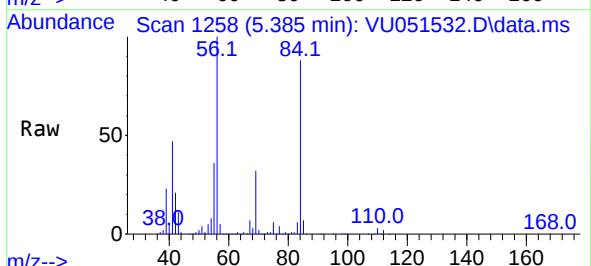
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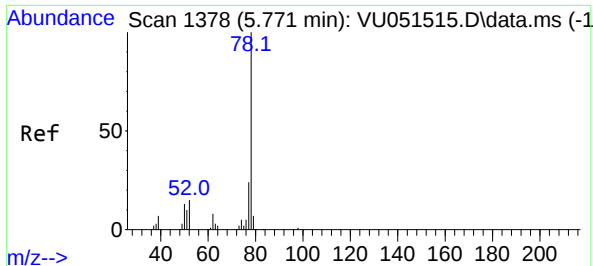
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#30
Cyclohexane
Concen: 14.380 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

Tgt Ion: 56 Resp: 448335
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 88.3 70.9 106.3





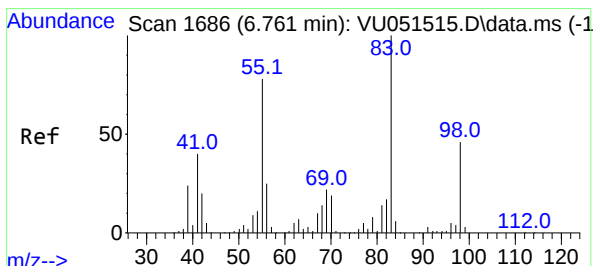
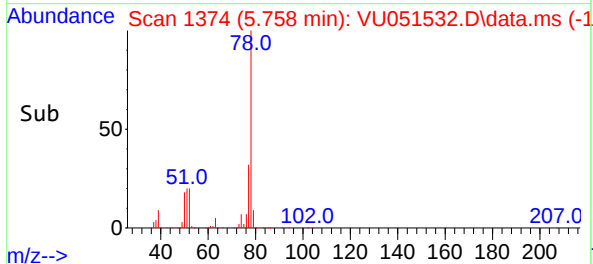
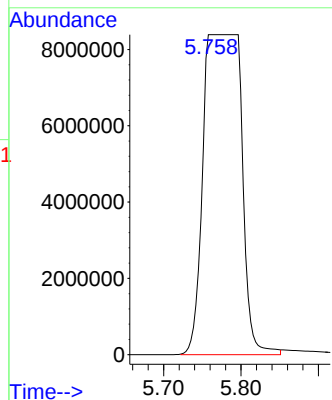
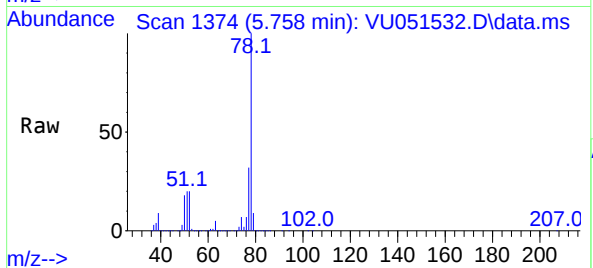
#33
Benzene
Concen: 281.843 ug/L m
RT: 5.758 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

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Tgt Ion: 78 Resp:2886685

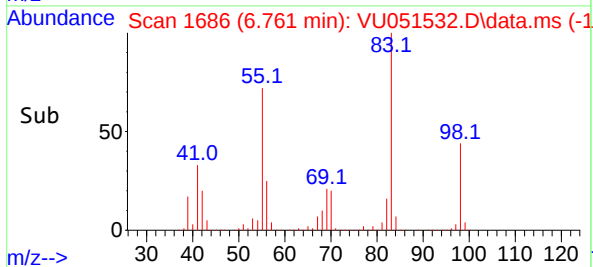
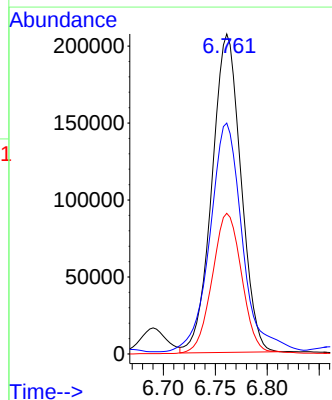
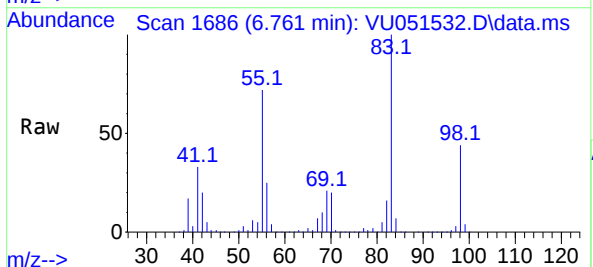
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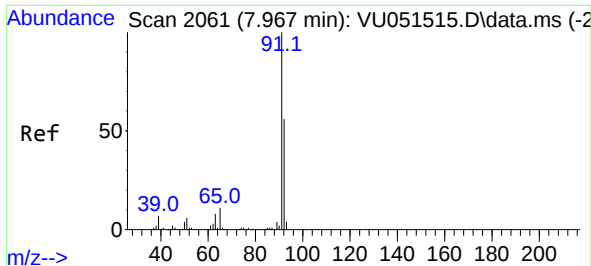
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Methylcyclohexane
Concen: 12.448 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

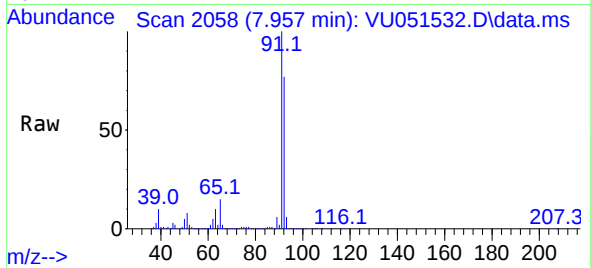
Tgt Ion: 83 Resp: 401264
Ion Ratio Lower Upper
83 100
55 80.0 65.8 98.6
98 45.5 35.9 53.9





#42
Toluene
Concen: 267.840 ug/L m
RT: 7.957 min Scan# 2061
Delta R.T. -0.010 min
Lab File: VU051532.D
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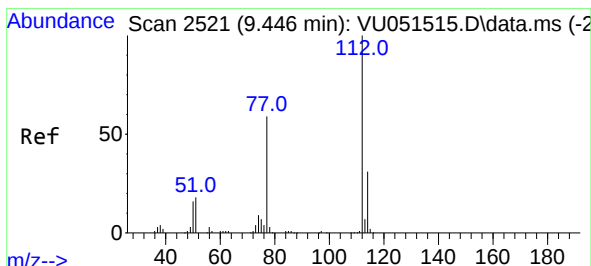
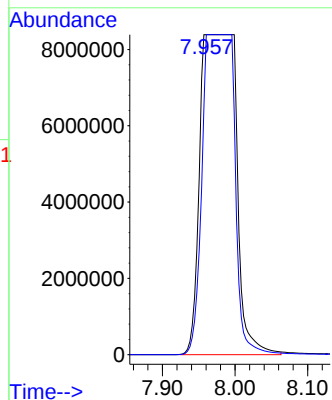
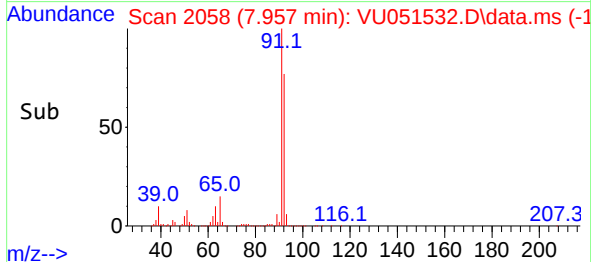
Instrument :
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Tgt Ion: 91 Resp:2911807
Ion Ratio Lower Upper
91 100
92 77.0 39.9 74.1

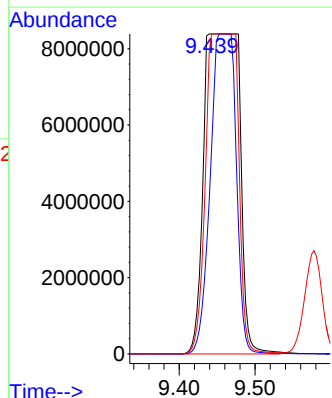
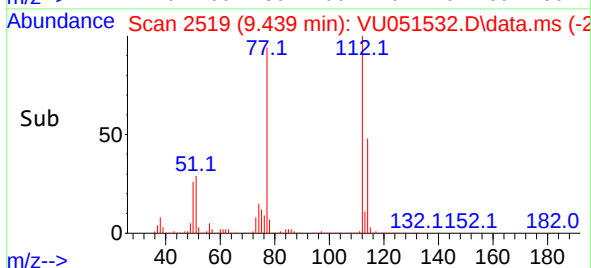
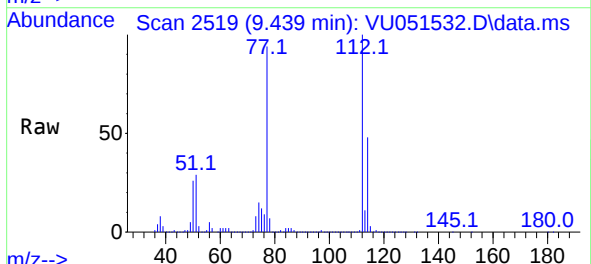
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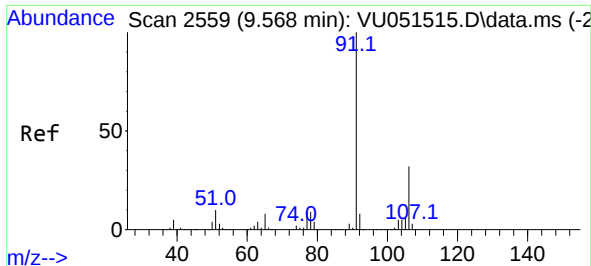
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#51
Chlorobenzene
Concen: 423.274 ug/L m
RT: 9.439 min Scan# 2519
Delta R.T. -0.007 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

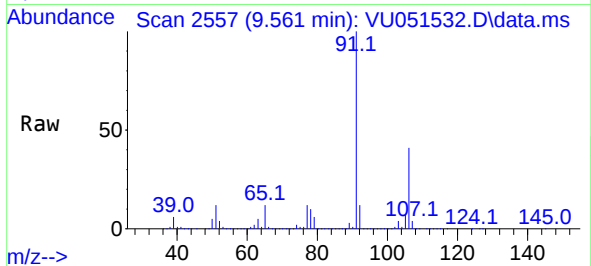
Tgt Ion:112 Resp:27495123
Ion Ratio Lower Upper
112 100
114 47.6 22.3 41.5#
77 94.0 48.1 72.1#





#52
Ethylbenzene
Concen: 235.142 ug/L m
RT: 9.561 min Scan# 2559
Delta R.T. -0.007 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

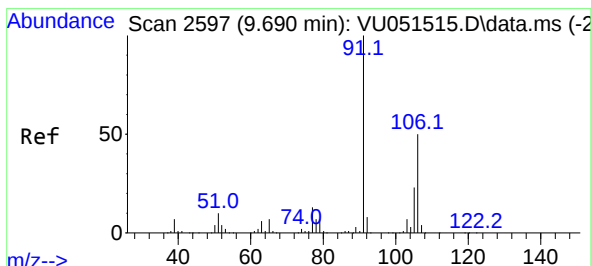
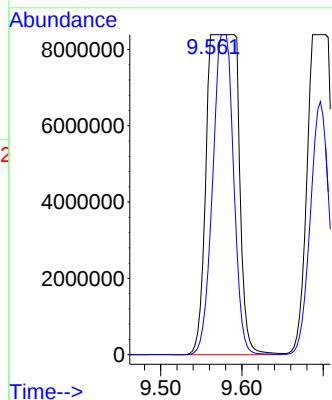
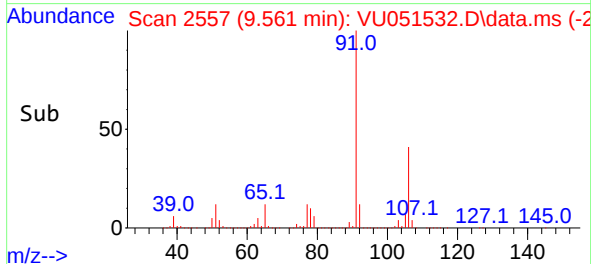
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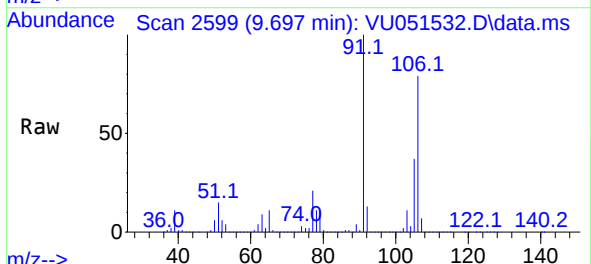
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Ion Ratio Lower Upper
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106 41.1 20.9 38.7

Manual Integrations
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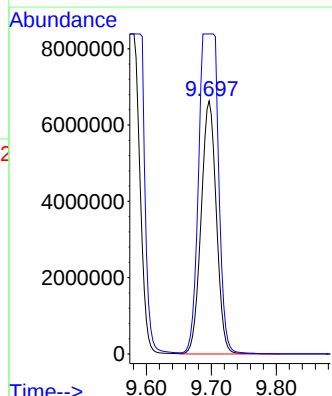
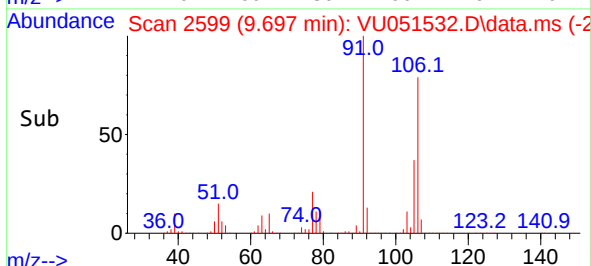
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

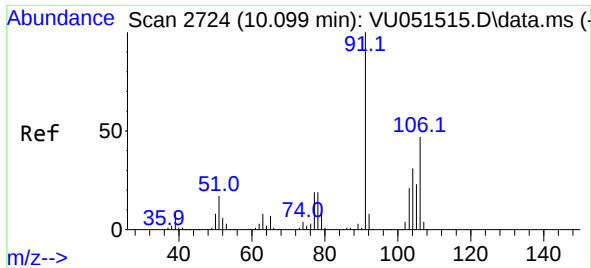


#53
m,p-Xylene
Concen: 285.806 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.006 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13



Tgt Ion:106 Resp:10829233
Ion Ratio Lower Upper
106 100
91 126.4 143.9 267.3#





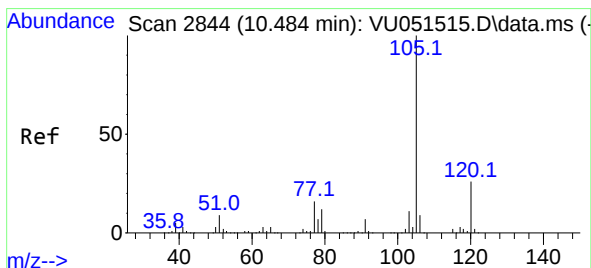
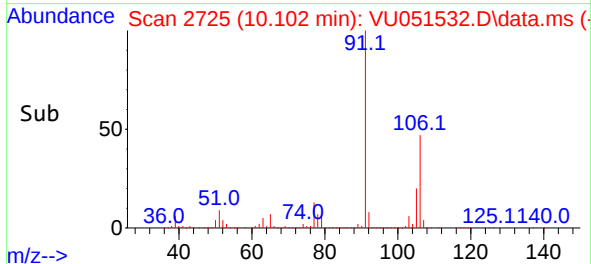
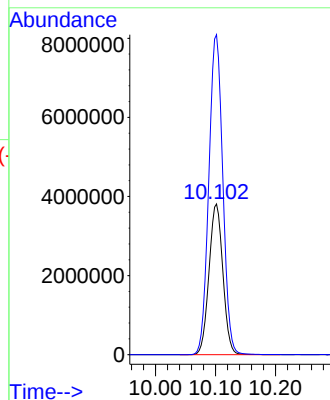
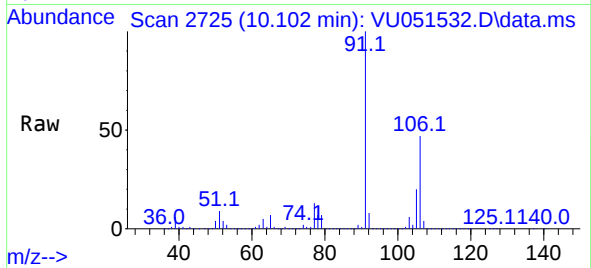
#54
o-Xylene
Concen: 170.957 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Tgt Ion:106 Resp: 612901
Ion Ratio Lower Upper
106 100
91 212.4 154.4 286.8

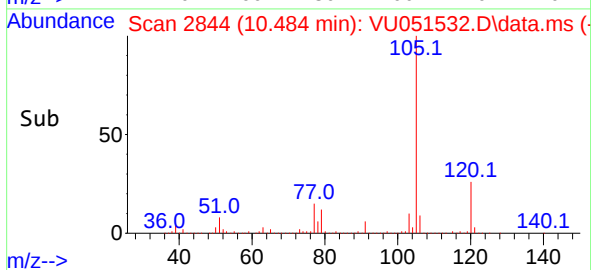
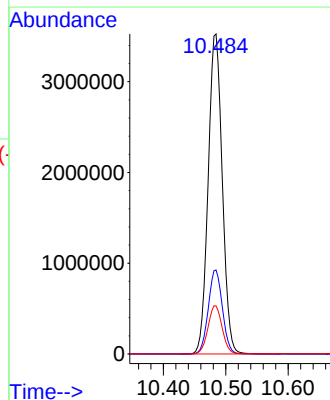
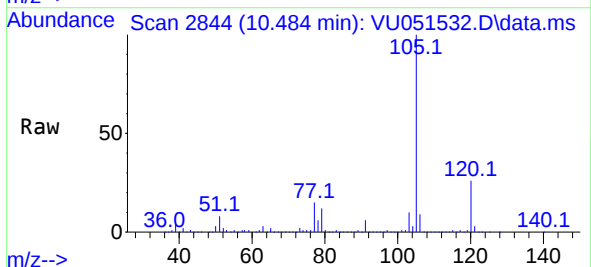
Manual Integrations
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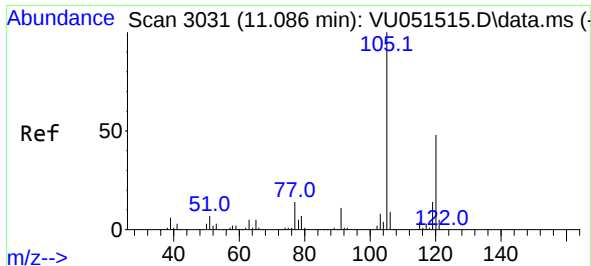
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Isopropylbenzene
Concen: 53.755 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

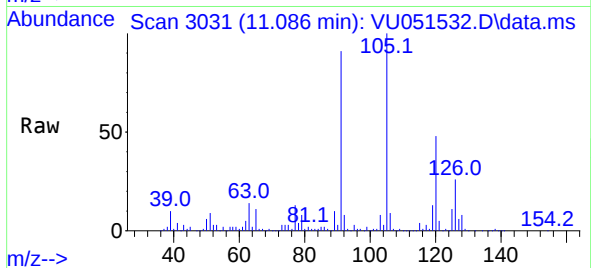
Tgt Ion:105 Resp: 5541011
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8
77 15.1 13.5 20.3





#62
1,3,5-Trimethylbenzene
Concen: 23.588 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

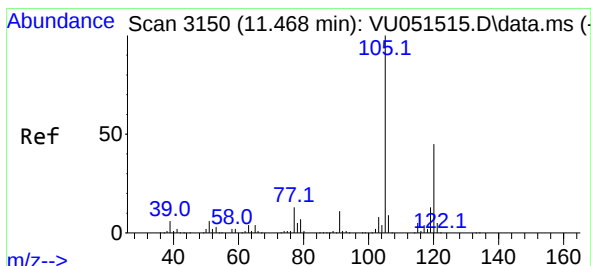
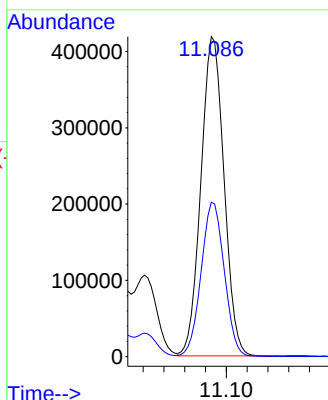
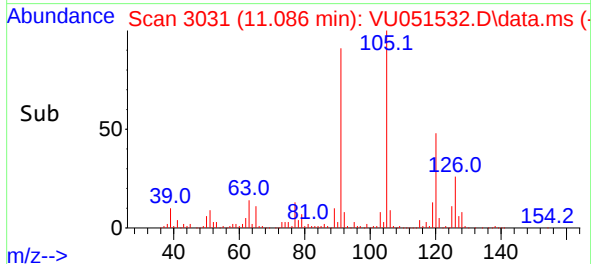
Instrument :
MSVOA_U
ClientSampleId :
BHA80



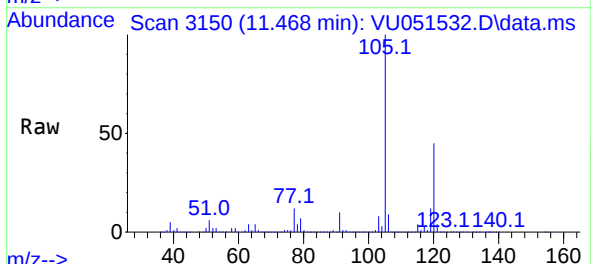
Tgt Ion:105 Resp: 644993
Ion Ratio Lower Upper
105 100
120 48.5 37.7 56.5

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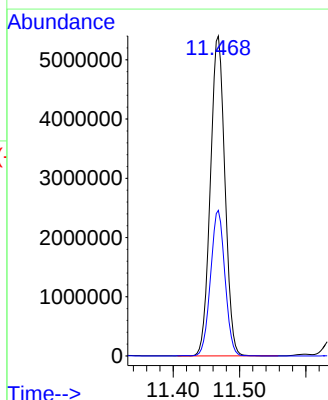
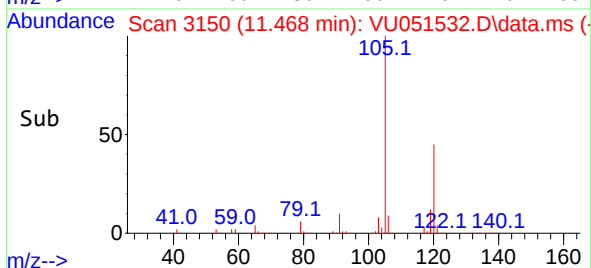
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

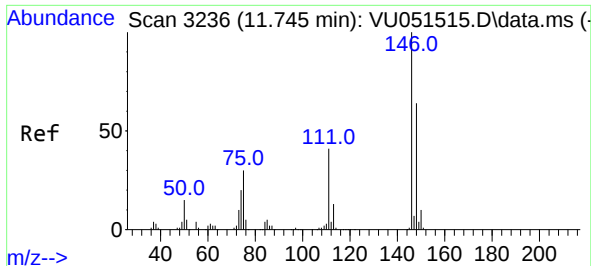


#63
1,2,4-Trimethylbenzene
Concen: 106.390 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13



Tgt Ion:105 Resp: 8227384
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4





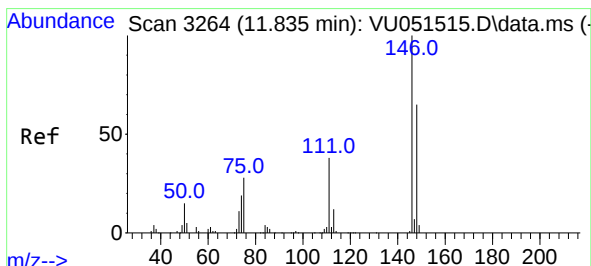
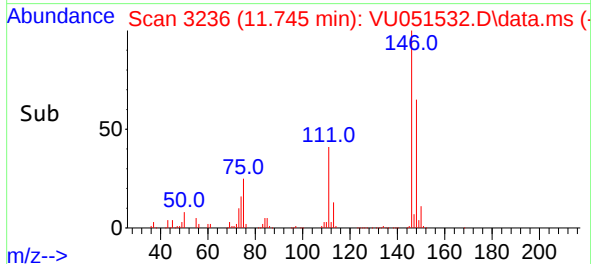
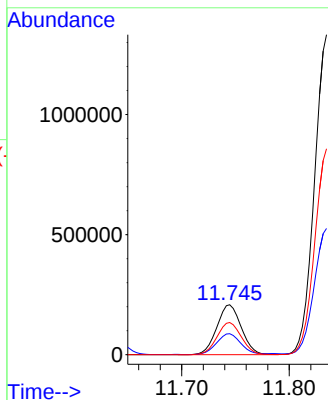
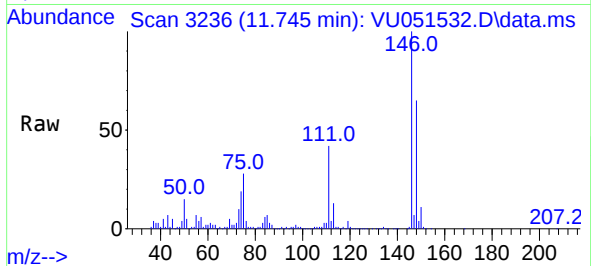
#64
1,3-Dichlorobenzene
Concen: 6.438 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

Instrument :
MSVOA_U
ClientSampleId :
BHA80

Tgt Ion:146 Resp: 32826
Ion Ratio Lower Upper
146 100
111 41.9 28.3 52.7
148 64.5 43.8 81.4

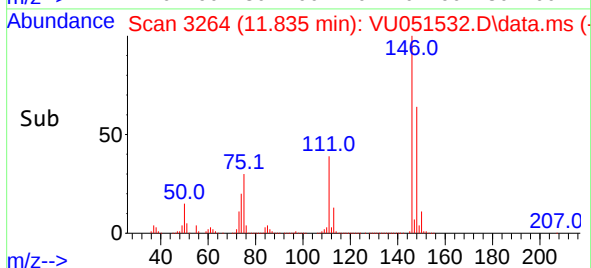
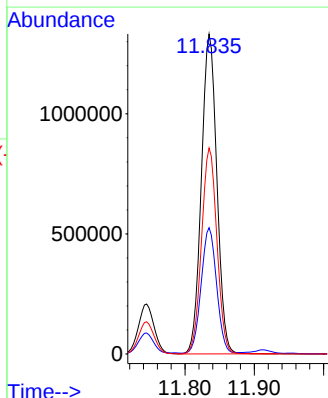
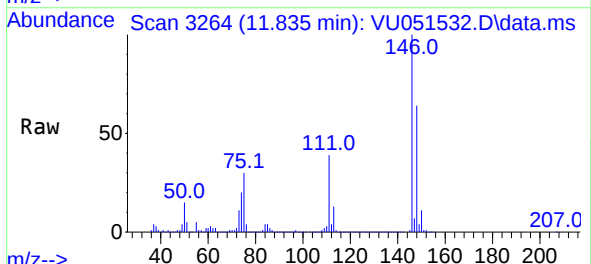
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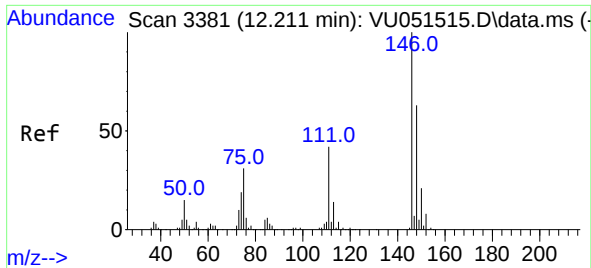
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#65
1,4-Dichlorobenzene
Concen: 41.020 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051532.D
Acq: 27 Oct 2022 04:13

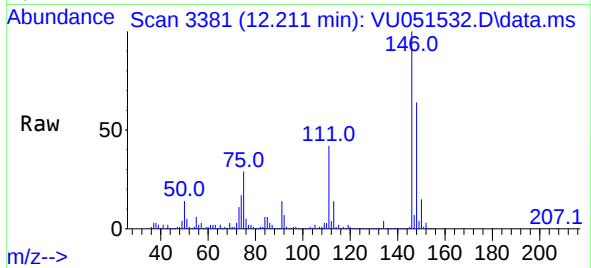
Tgt Ion:146 Resp: 2061528
Ion Ratio Lower Upper
146 100
111 39.5 29.1 54.1
148 64.4 44.2 82.0





#67
 1,2-Dichlorobenzene
 Concen: 20.994 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051532.D
 Acq: 27 Oct 2022 04:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA80



Tgt Ion:146 Resp: 1040618
 Ion Ratio Lower Upper
 146 100
 111 42.4 35.5 53.3
 148 64.2 50.9 76.3

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Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

