

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051533.D
 Acq On : 27 Oct 2022 04:39
 Operator : JC/MD
 Sample : N5300-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAC5

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 08:27:59 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	328067	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	329210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	177662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	113496	4.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.909	69	105900	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.562	65	40988	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.639	46	292886	50.269	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.540%
24) Chloroform-d	5.060	84	194085	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.716	65	104152	4.093	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.735	84	426431	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	139770	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.909	98	392330	4.842	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.182	79	41805	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.635	63	280955	82.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	165.000%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129608	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	151506	4.906	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
8) Chloroethane	1.932	64	1415332	60.213	ug/L	100
14) Carbon disulfide	2.787	76	12314	0.168	ug/L	99
18) trans-1,2-Dichloroethene	3.349	96	21356	0.848	ug/L	98
30) Cyclohexane	5.388	56	663277	19.825	ug/L	100
33) Benzene	5.755	78	42203730m	384.002	ug/L	
35) Methylcyclohexane	6.761	83	1411548	40.806	ug/L	95
40) 4-Methyl-2-pentanone	7.819	43	61269	3.877	ug/L	97
42) Toluene	7.957	91	50409272m	432.112	ug/L	
51) Chlorobenzene	9.442	112	19050521m	273.305	ug/L	
52) Ethylbenzene	9.561	91	27432131m	261.669	ug/L	
53) m,p-Xylene	9.690	106	30965970m	761.609	ug/L	
54) o-Xylene	10.098	106	20498361m	532.830	ug/L	
60) Isopropylbenzene	10.484	105	12046356	107.052	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	6236715	208.928	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	18384575m	217.774	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	59840	1.075	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	790813	14.414	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	1304576	24.109	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

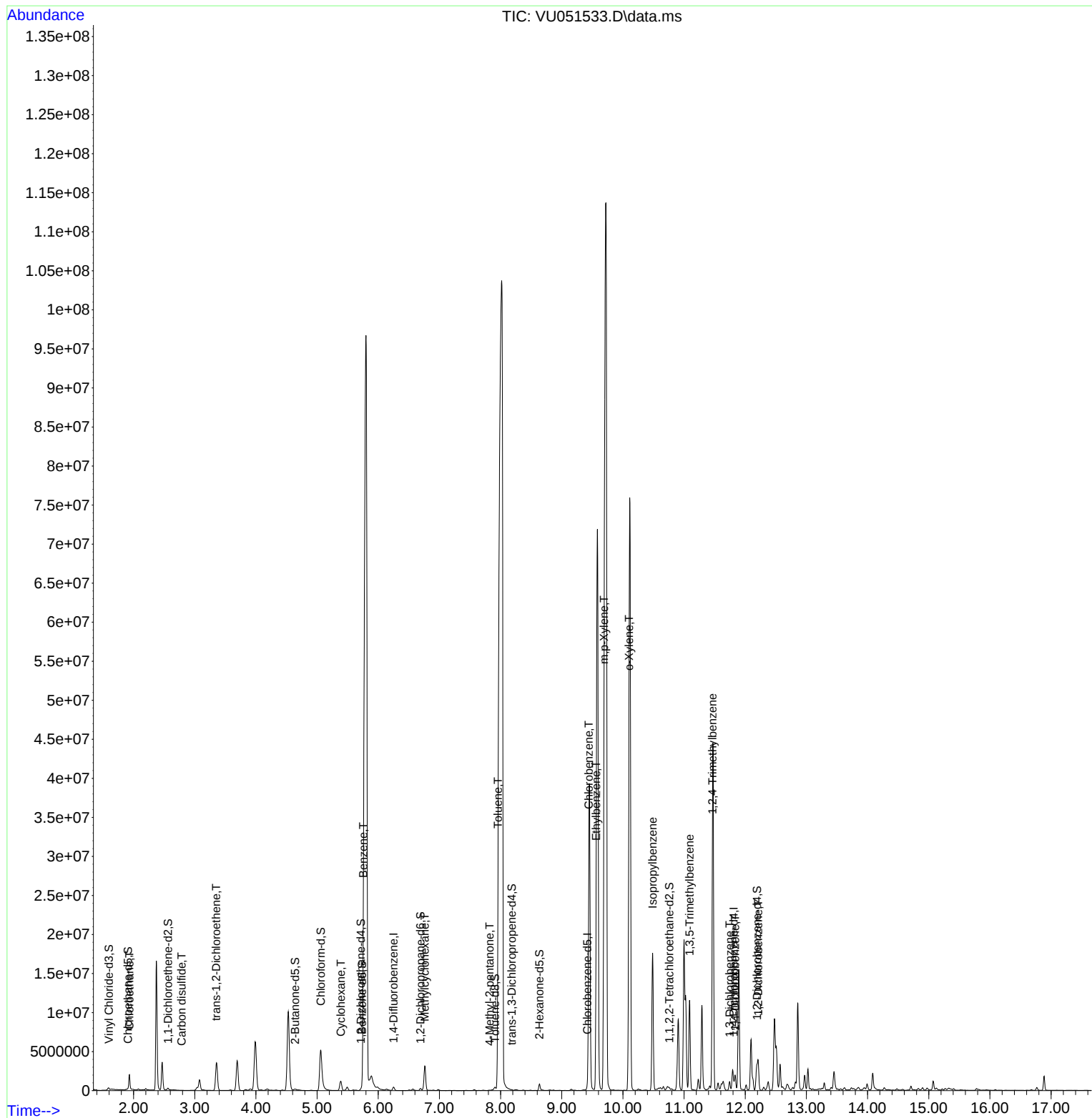
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
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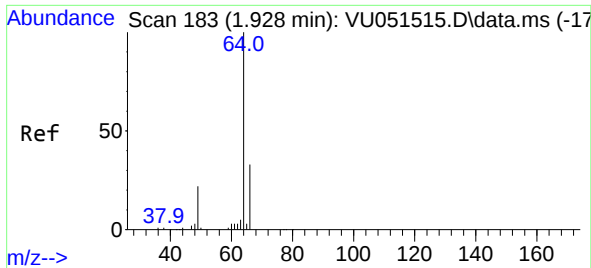
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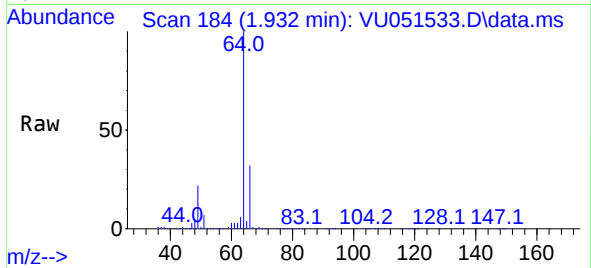
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
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#8
Chloroethane
Concen: 60.213 ug/L
RT: 1.932 min Scan# 141533
Delta R.T. 0.003 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

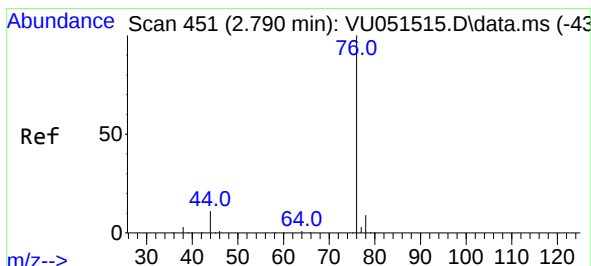
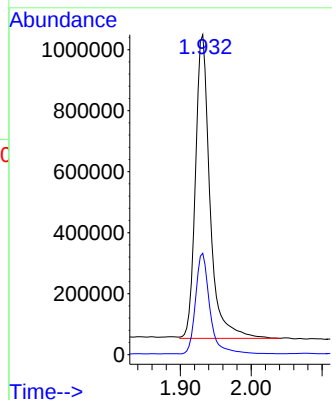
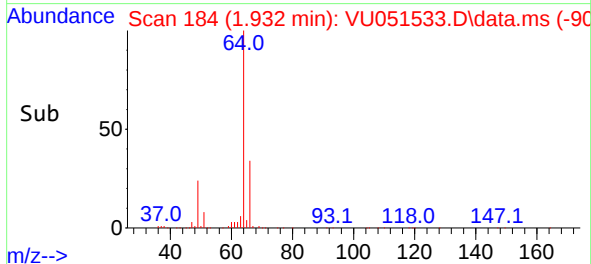
Instrument :
MSVOA_U
ClientSampleId :
BHAC5



Tgt Ion: 64 Resp: 141533
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3

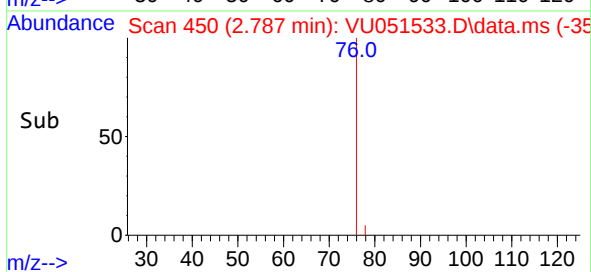
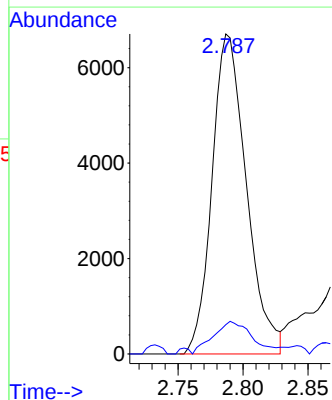
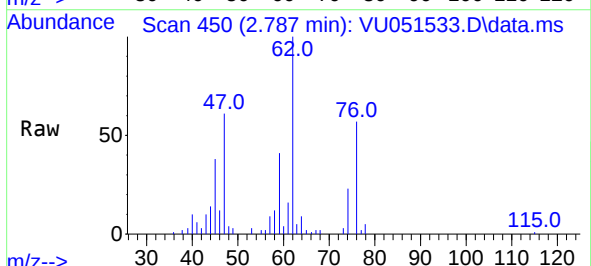
Manual Integrations
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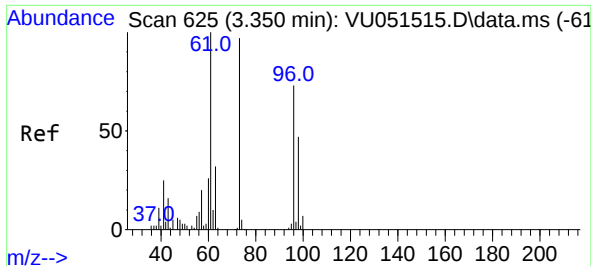
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Carbon disulfide
Concen: 0.168 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

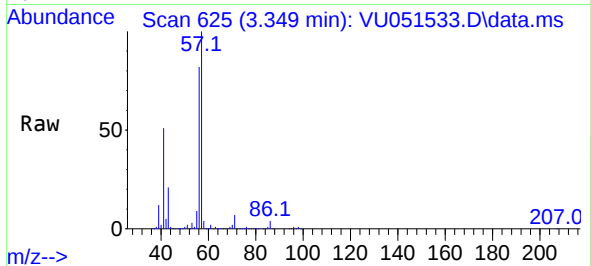
Tgt Ion: 76 Resp: 12314
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4





#18
trans-1,2-Dichloroethene
Concen: 0.848 ug/L
RT: 3.349 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

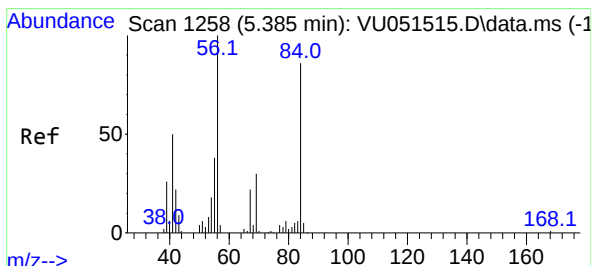
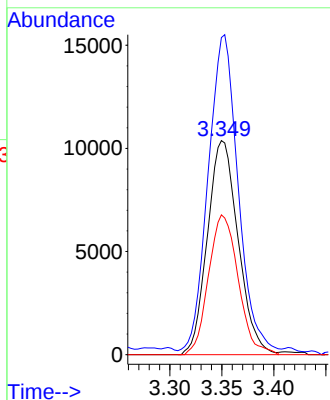
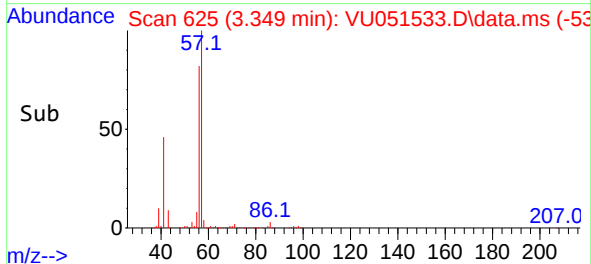
Instrument :
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ClientSampleId :
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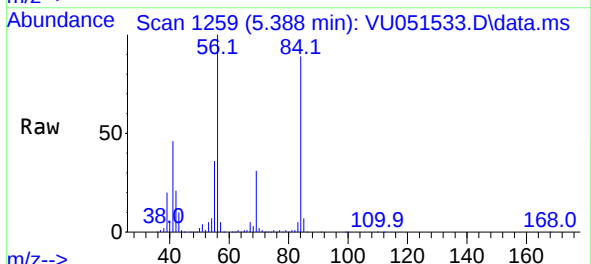
Tgt Ion: 96 Resp: 21350
Ion Ratio Lower Upper
96 100
61 148.2 101.4 188.2
98 65.3 44.9 83.5

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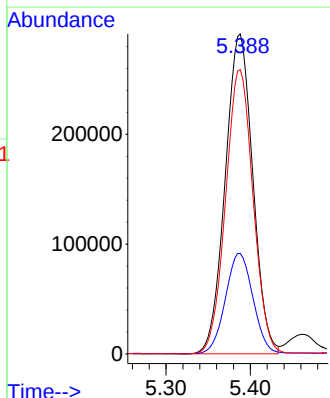
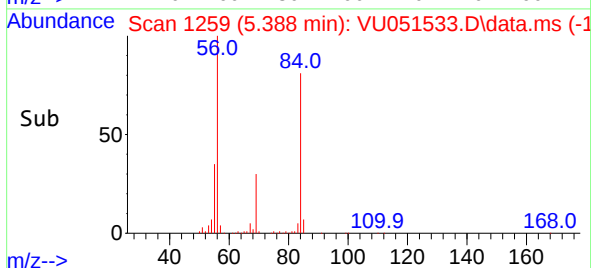
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

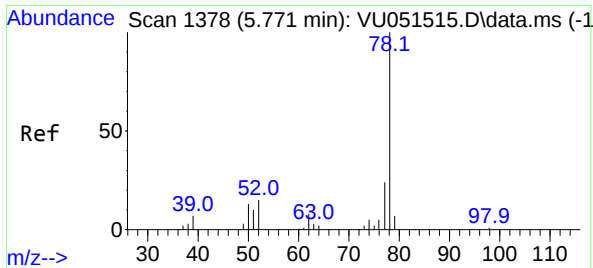


#30
Cyclohexane
Concen: 19.825 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39



Tgt Ion: 56 Resp: 663277
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 88.4 70.9 106.3





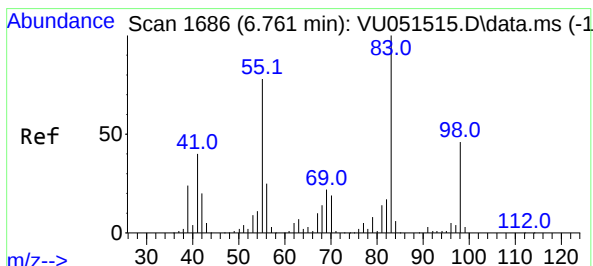
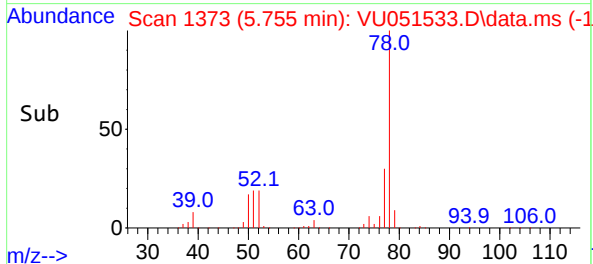
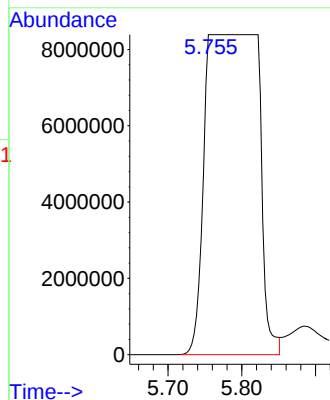
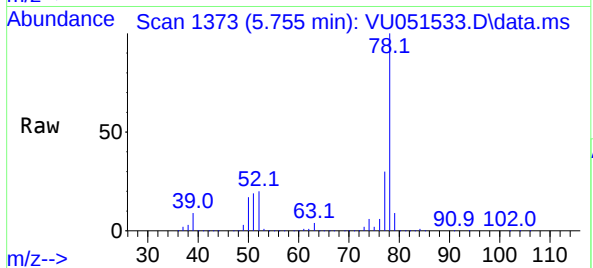
#33
Benzene
Concen: 384.002 ug/L m
RT: 5.755 min Scan# 1
Delta R.T. -0.016 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

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Tgt Ion: 78 Resp:42203730

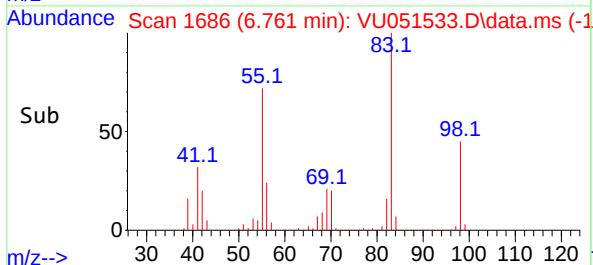
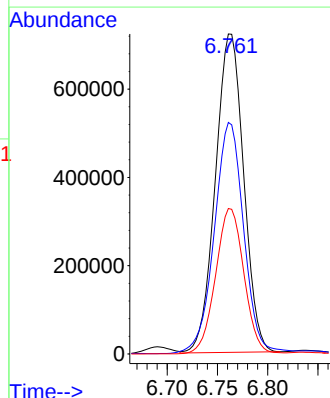
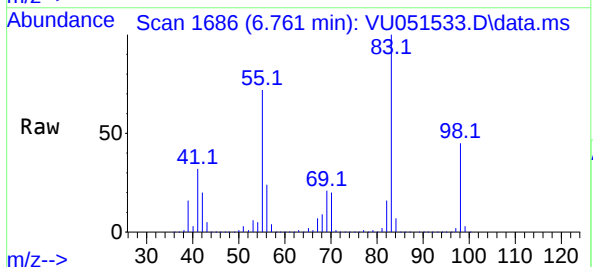
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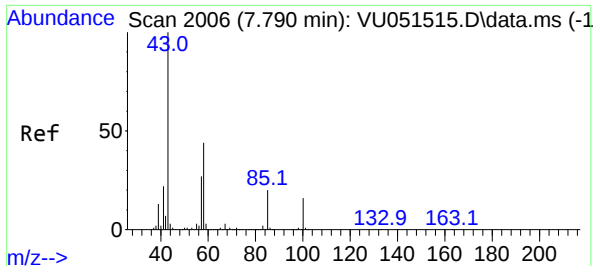
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Methylcyclohexane
Concen: 40.806 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

Tgt Ion: 83 Resp: 1411548
Ion Ratio Lower Upper
83 100
55 76.0 65.8 98.6
98 45.8 35.9 53.9





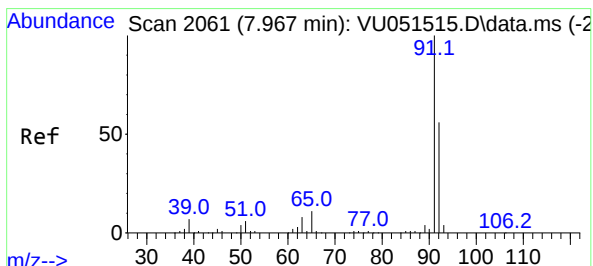
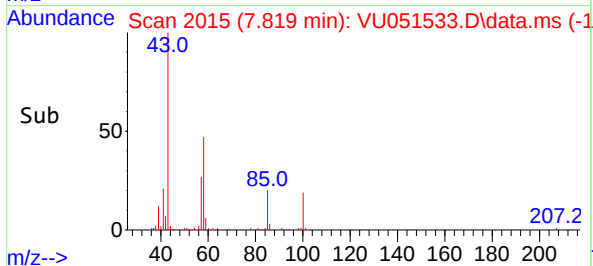
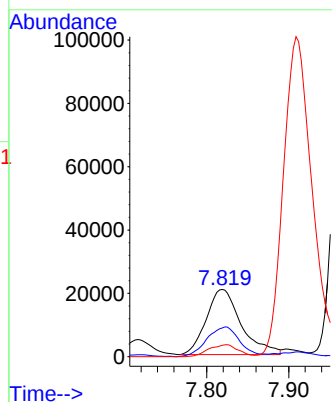
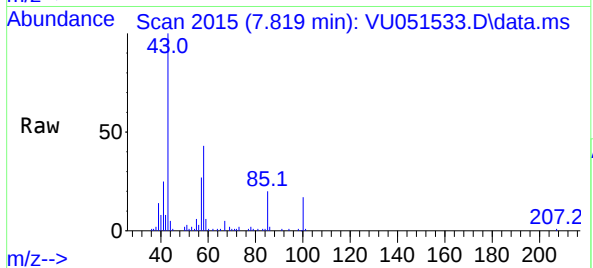
#40
4-Methyl-2-pentanone
Concen: 3.877 ug/L
RT: 7.819 min Scan# 2006
Delta R.T. 0.029 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

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Tgt Ion: 43 Resp: 61269
Ion Ratio Lower Upper
43 100
58 43.3 33.0 49.6
100 15.6 11.8 17.6

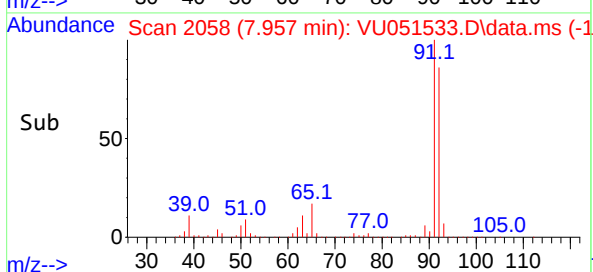
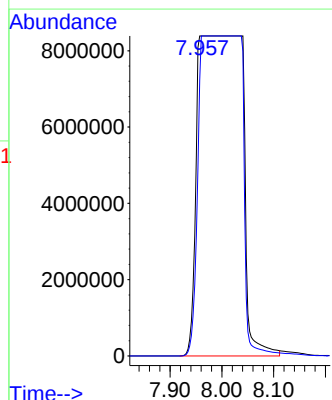
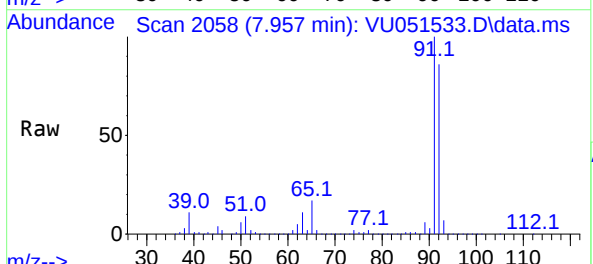
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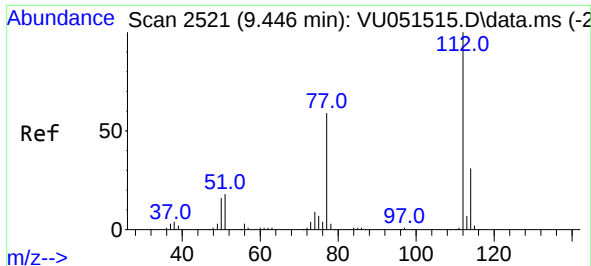
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Toluene
Concen: 432.112 ug/L m
RT: 7.957 min Scan# 2058
Delta R.T. -0.010 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

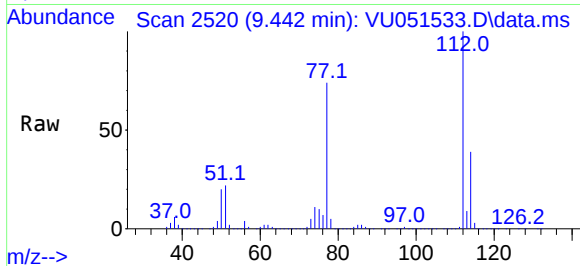
Tgt Ion: 91 Resp:50409272
Ion Ratio Lower Upper
91 100
92 86.2 39.9 74.1#





#51
Chlorobenzene
Concen: 273.305 ug/L m
RT: 9.442 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

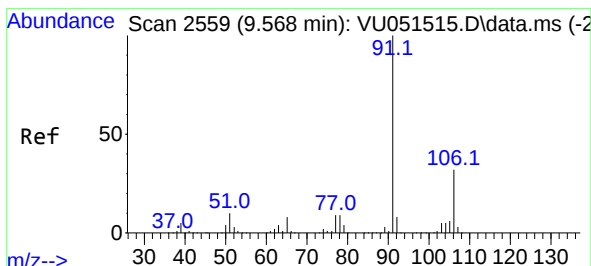
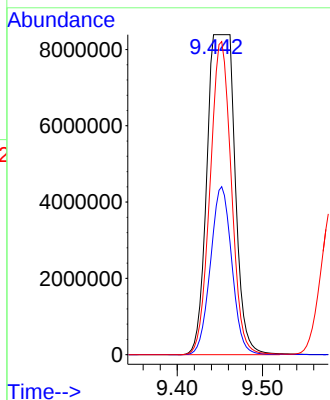
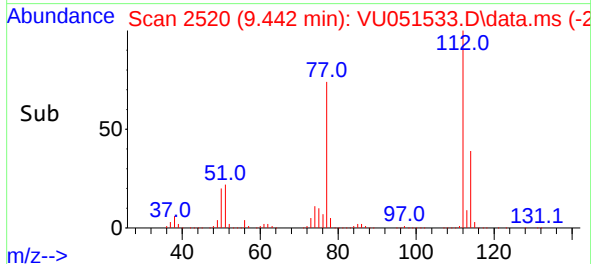
Instrument :
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Tgt Ion:112 Resp:19050521
Ion Ratio Lower Upper
112 100
114 38.8 22.3 41.5
77 74.4 48.1 72.1

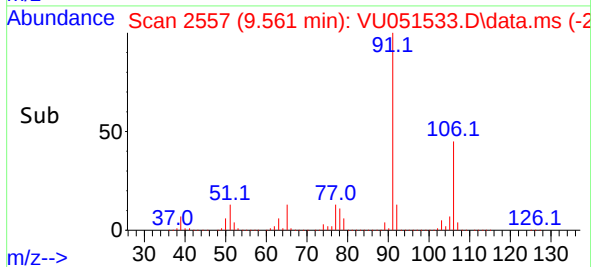
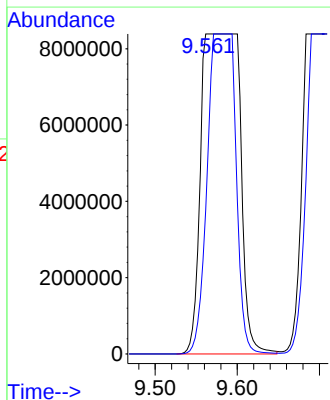
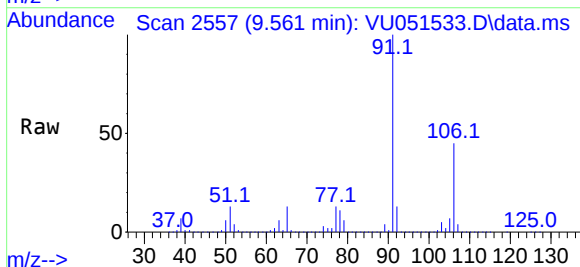
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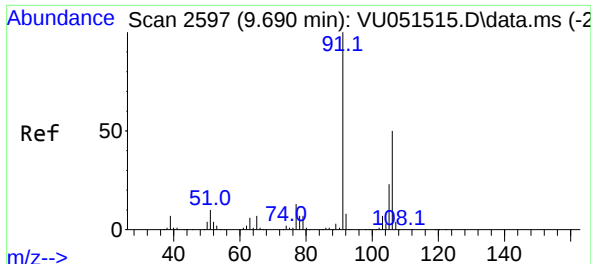
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Ethylbenzene
Concen: 261.669 ug/L m
RT: 9.561 min Scan# 2557
Delta R.T. -0.007 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

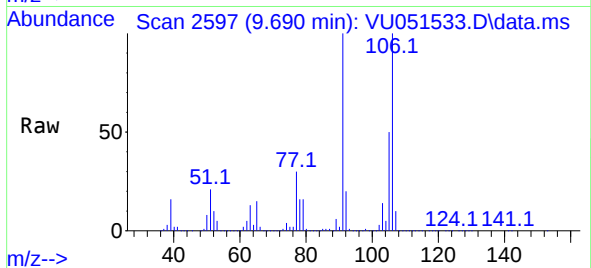
Tgt Ion: 91 Resp:27432131
Ion Ratio Lower Upper
91 100
106 45.0 20.9 38.7





#53
m,p-Xylene
Concen: 761.609 ug/L m
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

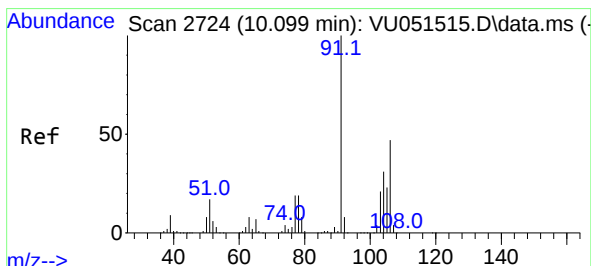
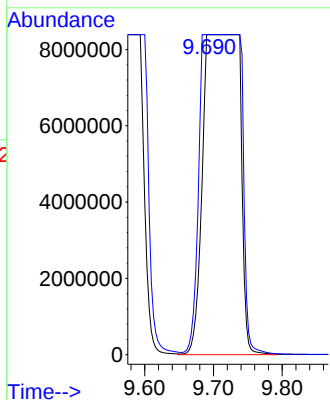
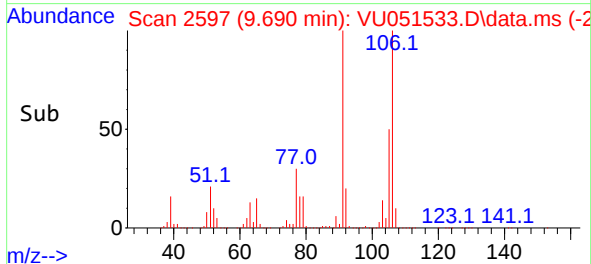
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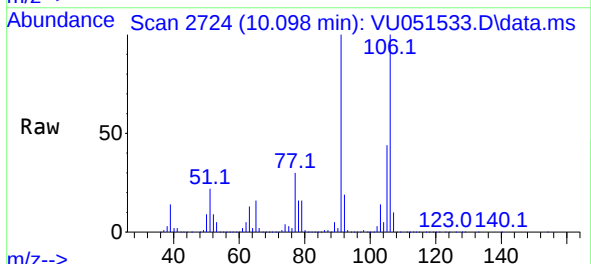
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Ion Ratio Lower Upper
106 100
91 100.0 143.9 267.3

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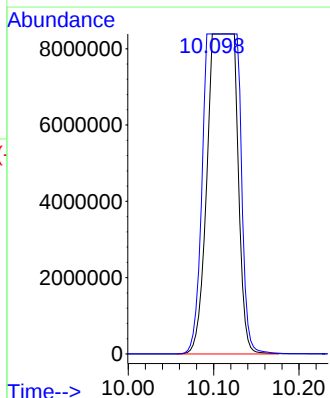
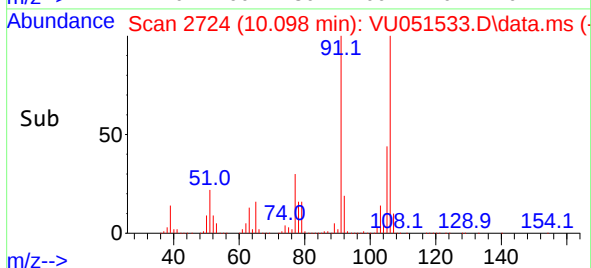
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

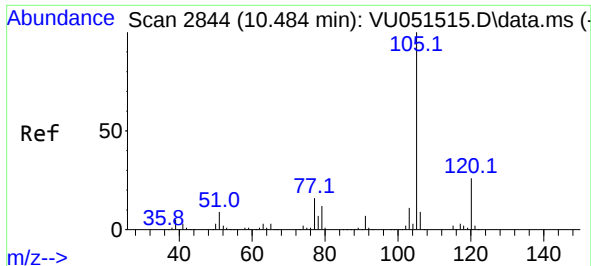


#54
o-Xylene
Concen: 532.830 ug/L m
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39



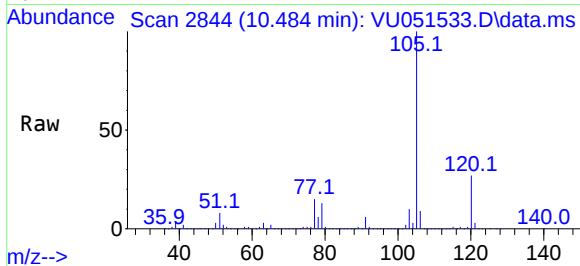
Tgt Ion:106 Resp:20498361
Ion Ratio Lower Upper
106 100
91 100.0 154.4 286.8





#60
Isopropylbenzene
Concen: 107.052 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

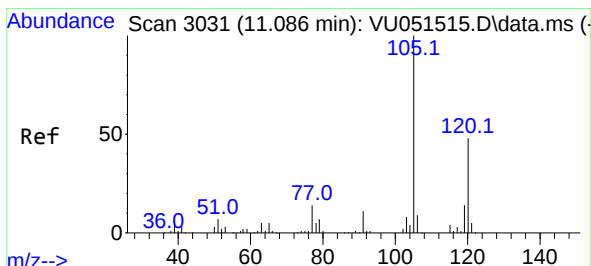
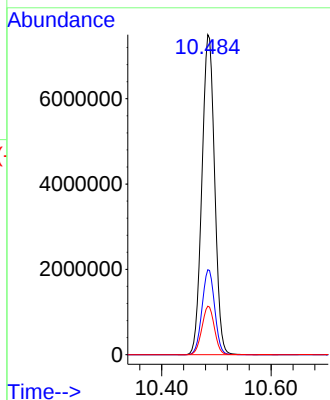
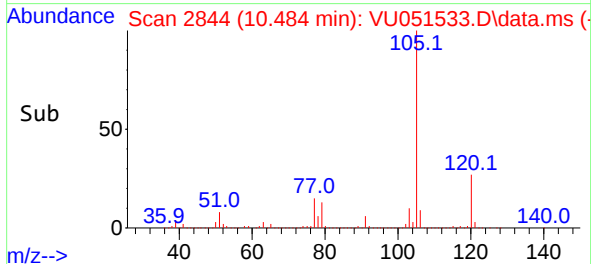
Instrument :
MSVOA_U
ClientSampleId :
BHAC5



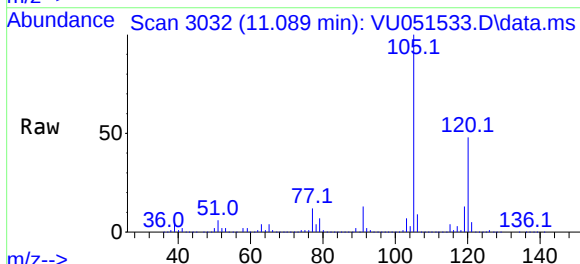
Tgt Ion:105 Resp:1204635
Ion Ratio Lower Upper
105 100
120 26.5 20.6 30.8
77 15.0 13.5 20.3

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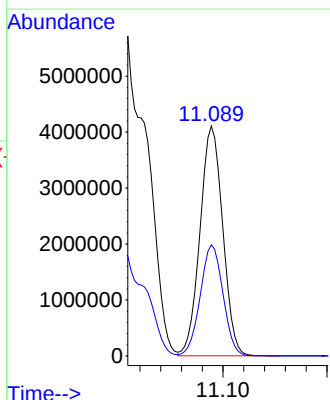
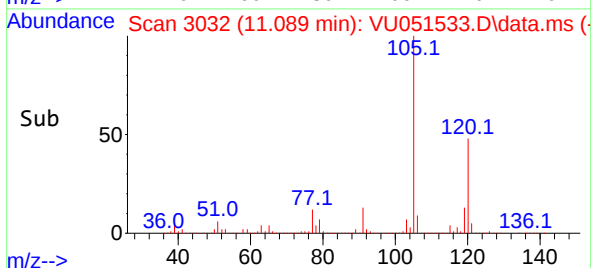
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

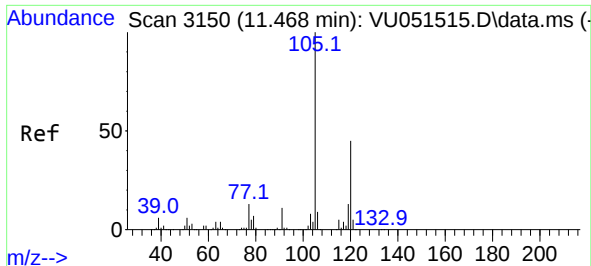


#62
1,3,5-Trimethylbenzene
Concen: 208.928 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39



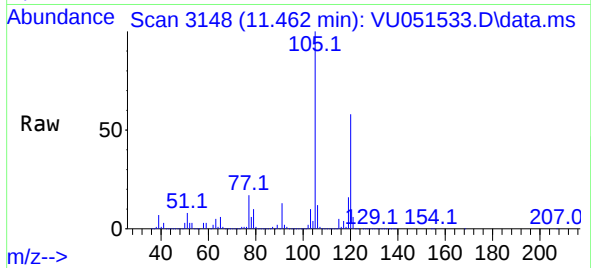
Tgt Ion:105 Resp: 6236715
Ion Ratio Lower Upper
105 100
120 48.3 37.7 56.5





#63
1,2,4-Trimethylbenzene
Concen: 217.774 ug/L m
RT: 11.462 min Scan# 3150
Delta R.T. -0.007 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

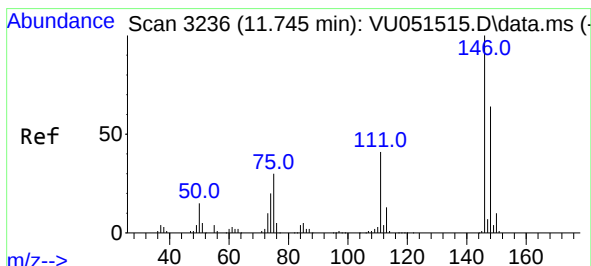
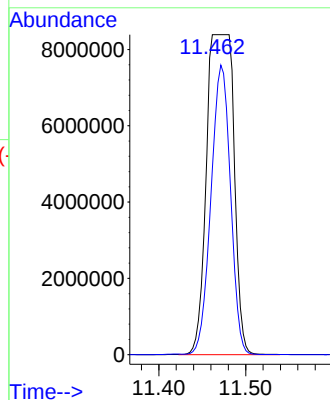
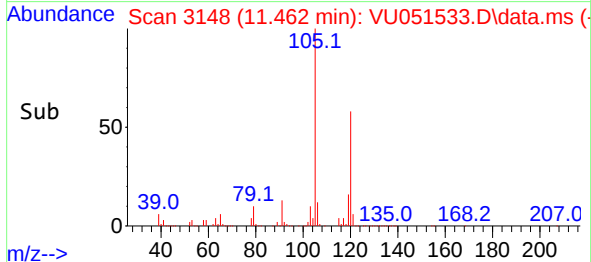
Instrument :
MSVOA_U
ClientSampleId :
BHAC5



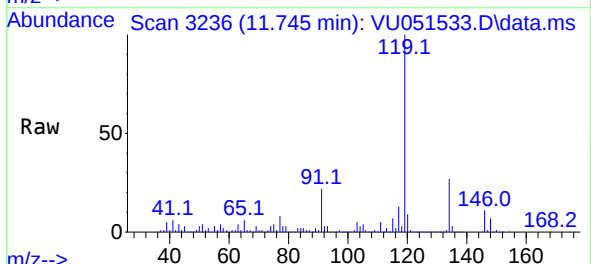
Tgt Ion:105 Resp:1838457
Ion Ratio Lower Upper
105 100
120 16.4 35.6 53.4

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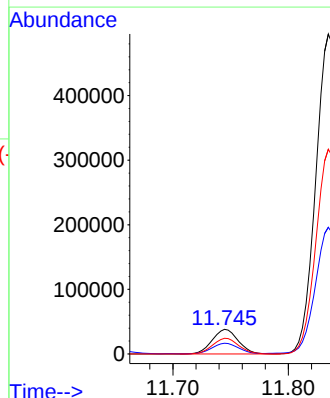
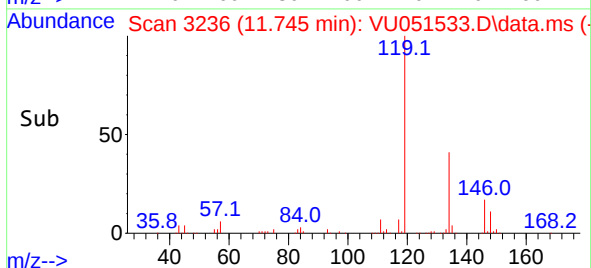
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

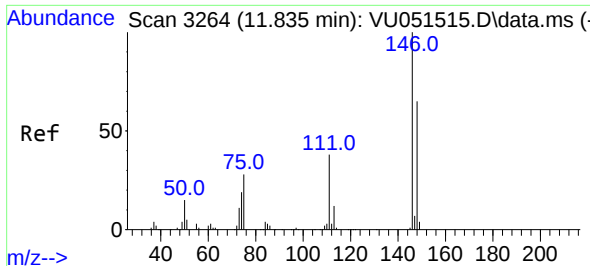


#64
1,3-Dichlorobenzene
Concen: 1.075 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39



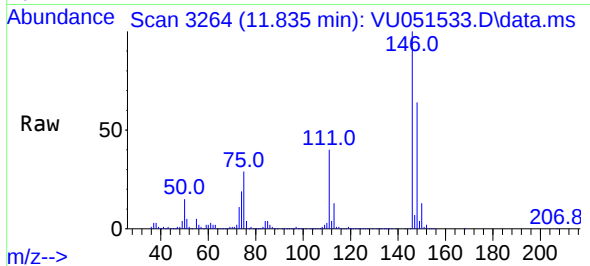
Tgt Ion:146 Resp: 59840
Ion Ratio Lower Upper
146 100
111 43.6 28.3 52.7
148 63.6 43.8 81.4





#65
1,4-Dichlorobenzene
Concen: 14.414 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39

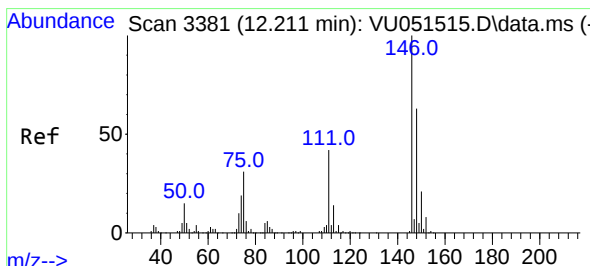
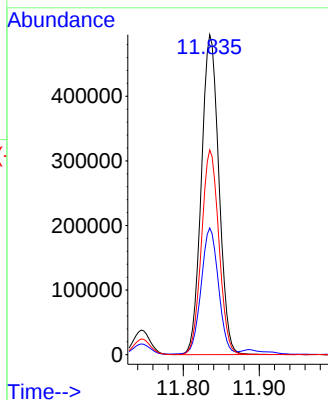
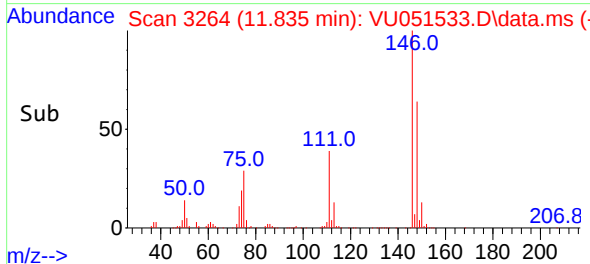
Instrument :
MSVOA_U
ClientSampleId :
BHAC5



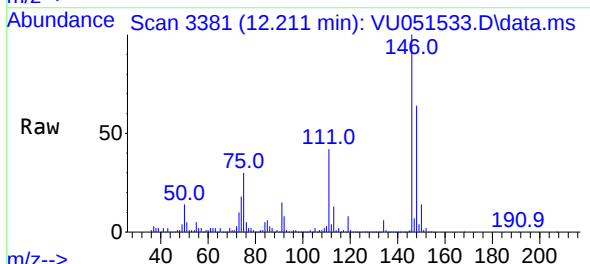
Tgt Ion:146 Resp: 790811
Ion Ratio Lower Upper
146 100
111 39.6 29.1 54.1
148 64.0 44.2 82.0

Manual Integrations
APPROVED

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



#67
1,2-Dichlorobenzene
Concen: 24.109 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051533.D
Acq: 27 Oct 2022 04:39



Tgt Ion:146 Resp: 1304576
Ion Ratio Lower Upper
146 100
111 41.5 35.5 53.3
148 63.8 50.9 76.3

