

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047951.D
 Acq On : 12 Apr 2022 13:31
 Operator : SY/MD
 Sample : N2316-14
 Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNR4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 01:34:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	413185	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	454842	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	290418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80468	26.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	53.720%#		
7) Chloroethane-d5	1.871	69	45720m	19.352	ug/L	-0.05
Spiked Amount 50.000	Range 70 - 130		Recovery =	38.700%#		
11) 1,1-Dichloroethene-d2	2.536	63	116023	21.165	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	42.320%#		
21) 2-Butanone-d5	4.636	46	213901	83.173	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.170%		
24) Chloroform-d	5.060	84	193228	35.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.500%		
26) 1,2-Dichloroethane-d4	5.700	65	131644	39.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.300%		
32) Benzene-d6	5.722	84	394806	34.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.000%#		
36) 1,2-Dichloropropane-d6	6.690	67	135819	38.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.280%		
41) Toluene-d8	7.899	98	353408	31.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	63.380%#		
43) trans-1,3-Dichloroprop...	8.185	79	61282	34.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.820%		
47) 2-Hexanone-d5	8.655	63	185887	90.341	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.340%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	282908	46.900	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.800%		
66) 1,2-Dichlorobenzene-d4	12.198	152	195444	37.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.660%#		
Target Compounds						Qvalue
13) Acetone	2.645	43	14351	5.996	ug/L	94
27) 1,2-Dichloroethane	5.790	62	199759	45.550	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	3107	0.602	ug/L	# 84
33) Benzene	5.768	78	2598197	197.349	ug/L	100
34) Trichloroethene	6.539	95	20468	5.930	ug/L	97
35) Methylcyclohexane	6.758	83	17545	3.341	ug/L	96
37) 1,2-Dichloropropane	6.793	63	7780	2.325	ug/L	# 93
42) Toluene	7.970	91	765787	53.011	ug/L	100
46) Tetrachloroethene	8.552	164	5677	1.830	ug/L	95
50) 1,2-Dibromoethane	8.931	107	3130	0.787	ug/L	# 93
51) Chlorobenzene	9.452	112	1448407	147.669	ug/L	96
52) Ethylbenzene	9.574	91	15970	1.051	ug/L	92
53) m,p-Xylene	9.697	106	15931	2.673	ug/L	97
54) o-Xylene	10.105	106	11909	2.036	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	8032	0.943	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	14015	1.083	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	72853	8.062	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	665933	76.289	ug/L	99

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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

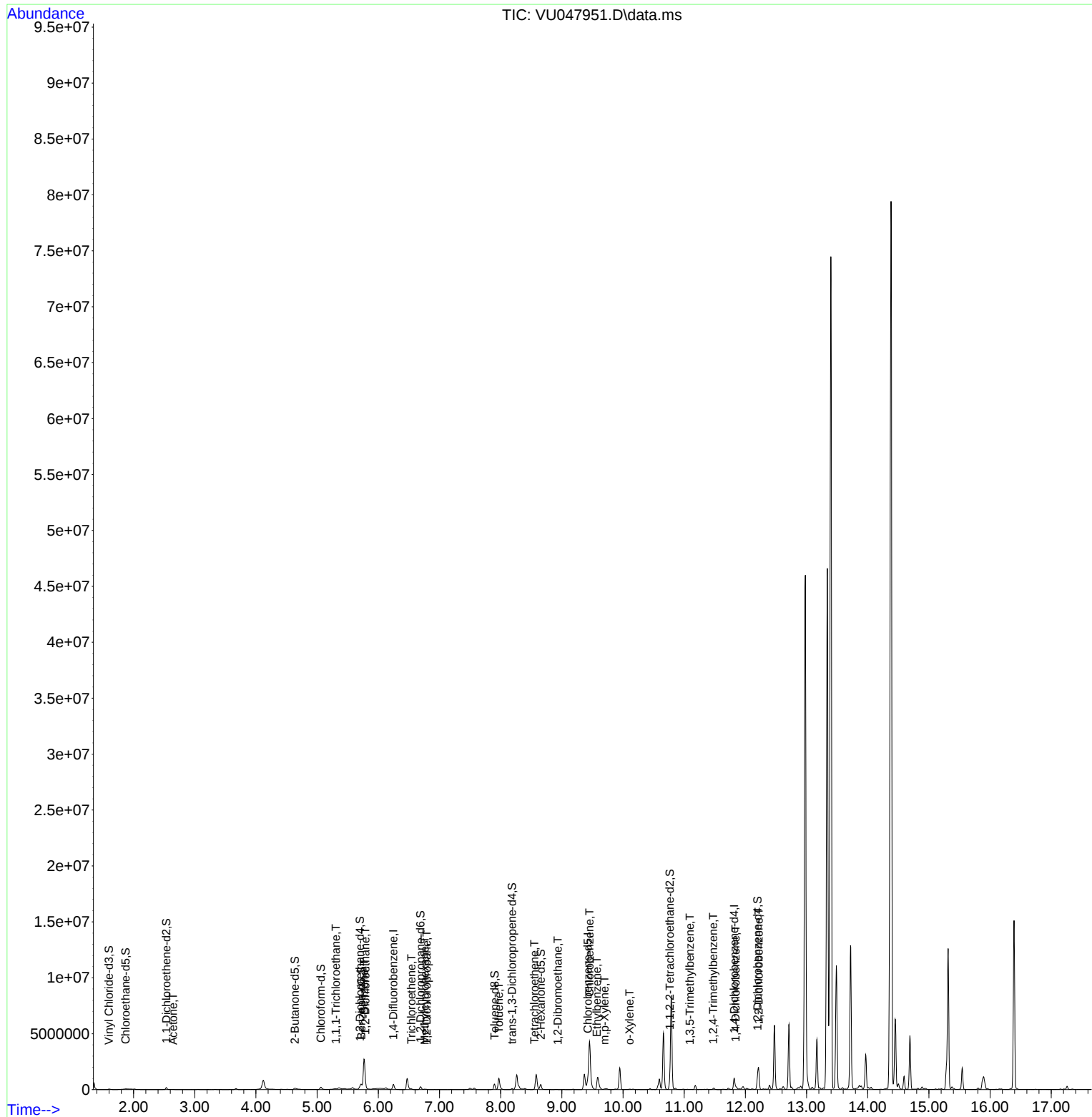
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
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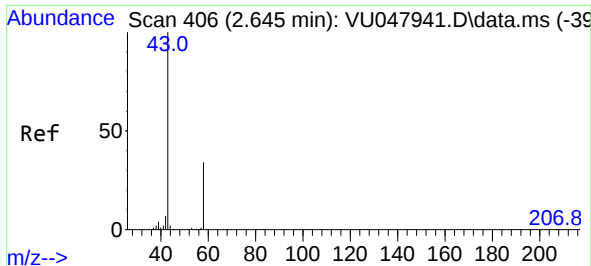
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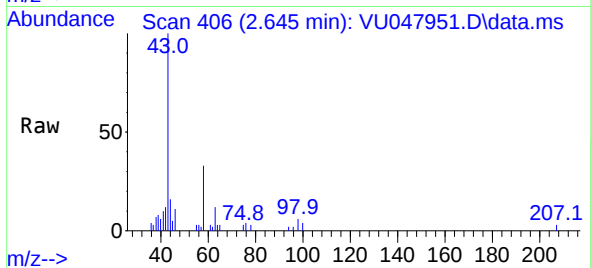
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022





#13
Acetone
Concen: 5.996 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

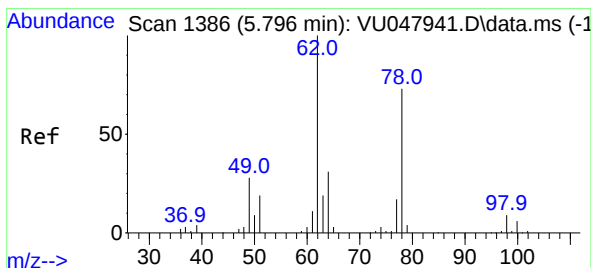
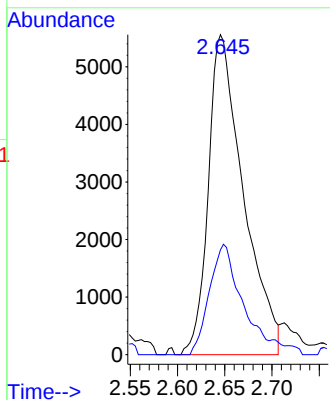
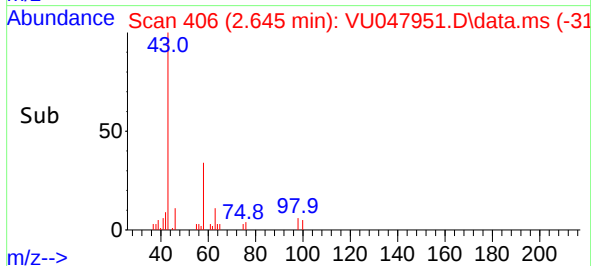
Instrument :
MSVOA_U
ClientSampleId :
ETNR4



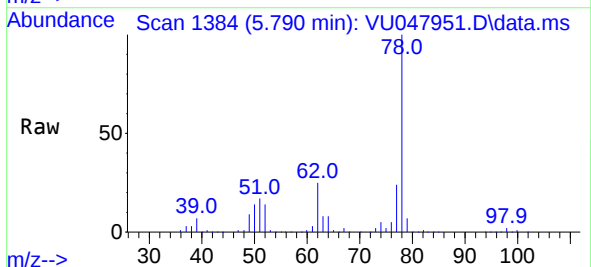
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Ion Ratio Lower Upper
43 100
58 31.6 0.0 70.0

Manual Integrations
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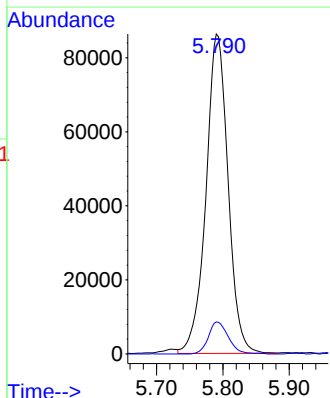
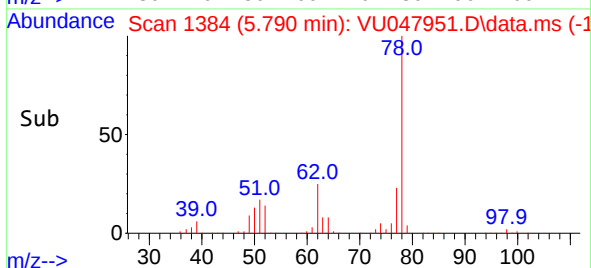
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

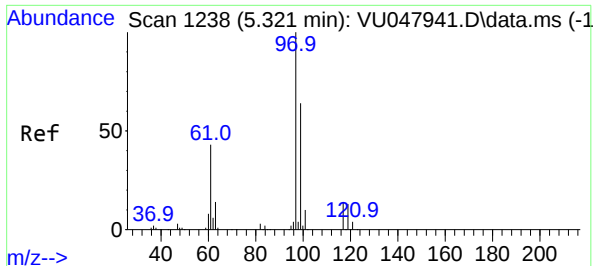


#27
1,2-Dichloroethane
Concen: 45.550 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.006 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31



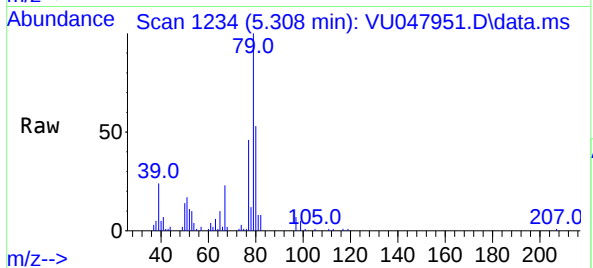
Tgt Ion: 62 Resp: 199759
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0





#30
1,1,1-Trichloroethane
Concen: 0.602 ug/L
RT: 5.308 min Scan# 1377
Delta R.T. -0.013 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

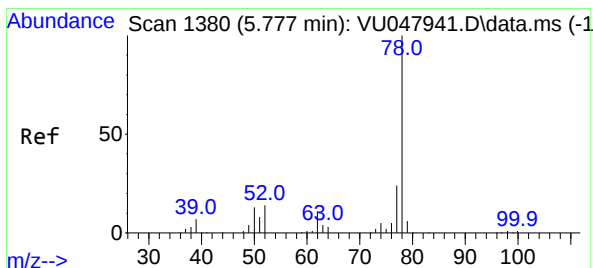
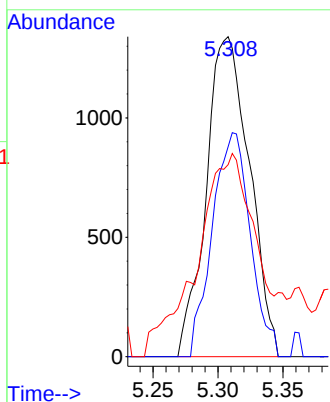
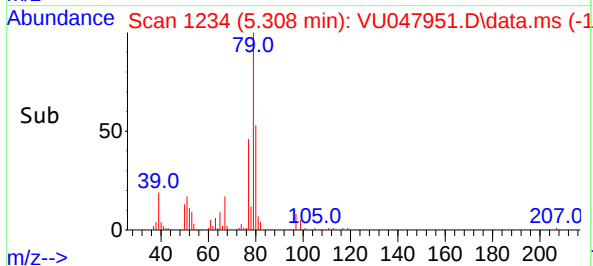


Tgt Ion: 97 Resp: 310

Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.6	77.4
61	62.9	34.2	51.4

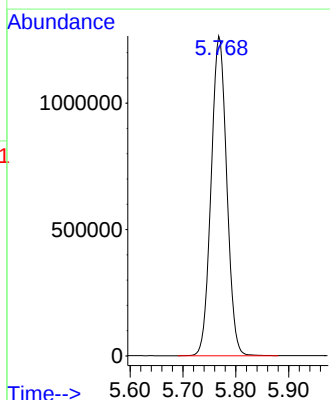
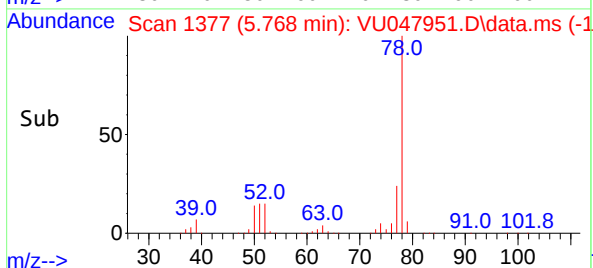
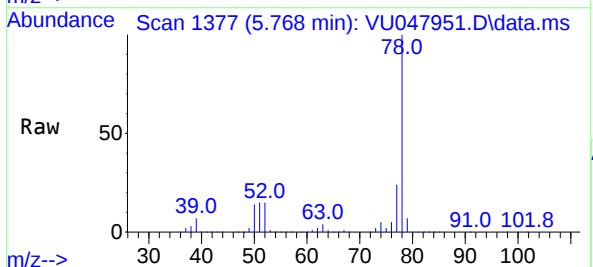
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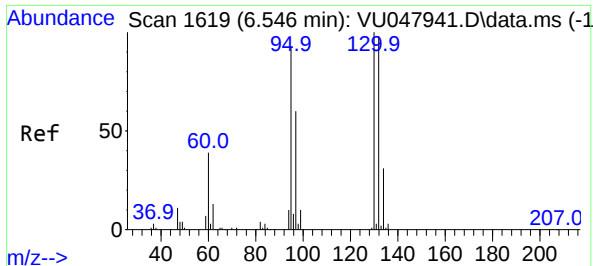
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#33
Benzene
Concen: 197.349 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

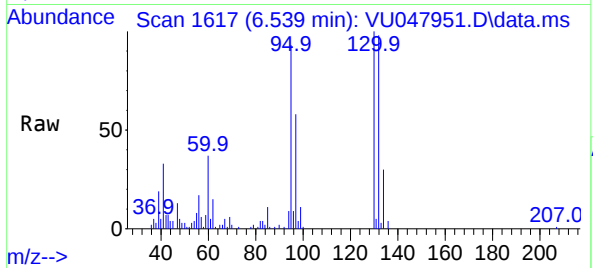
Tgt Ion: 78 Resp: 2598197





#34
Trichloroethene
Concen: 5.930 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

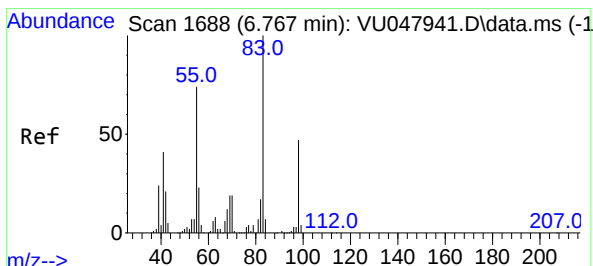
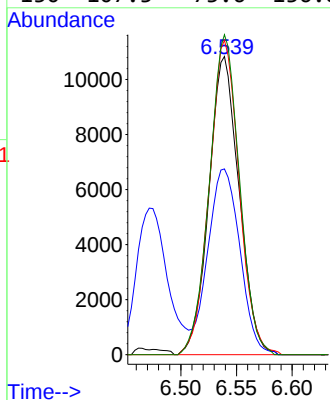
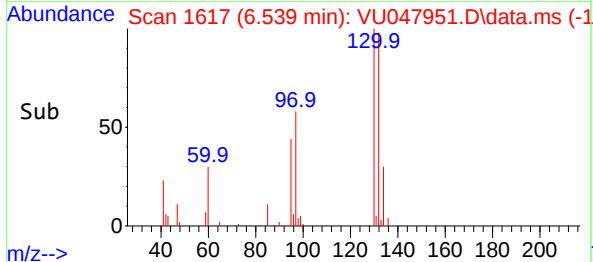
Instrument :
MSVOA_U
ClientSampleId :
ETNR4



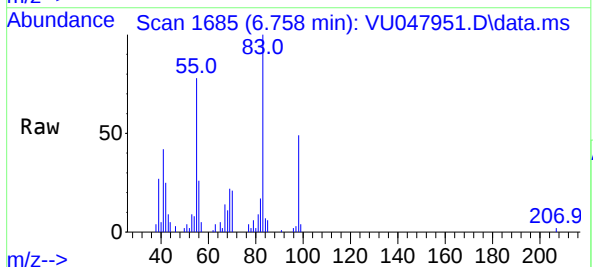
Tgt Ion: 95 Resp: 20468
Ion Ratio Lower Upper
95 100
97 62.3 44.7 82.9
132 105.5 70.4 130.8
130 107.3 73.6 136.8

Manual Integrations
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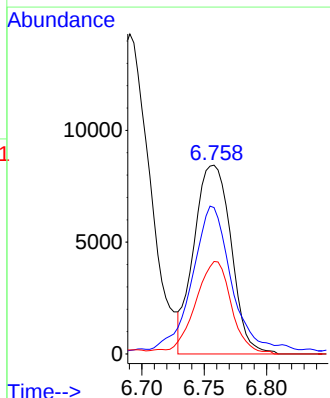
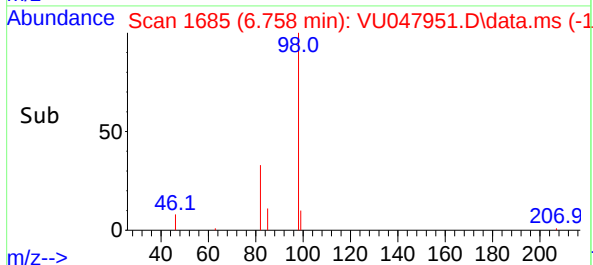
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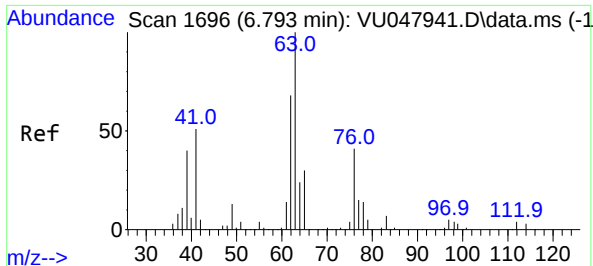


#35
Methylcyclohexane
Concen: 3.341 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31



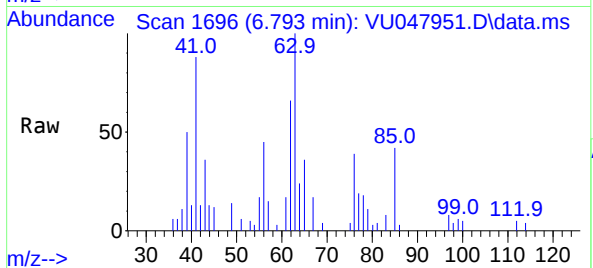
Tgt Ion: 83 Resp: 17545
Ion Ratio Lower Upper
83 100
55 76.7 56.8 85.2
98 47.2 38.1 57.1





#37
1,2-Dichloropropane
Concen: 2.325 ug/L
RT: 6.793 min Scan# 10
Delta R.T. -0.000 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

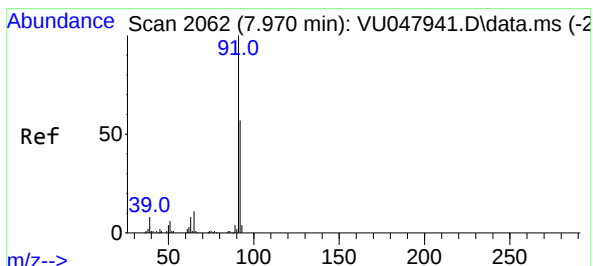
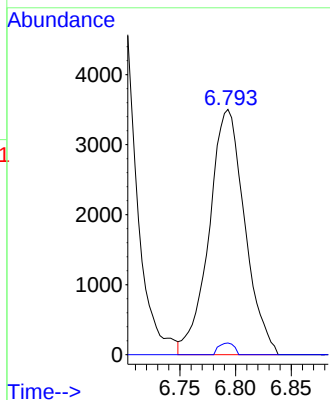
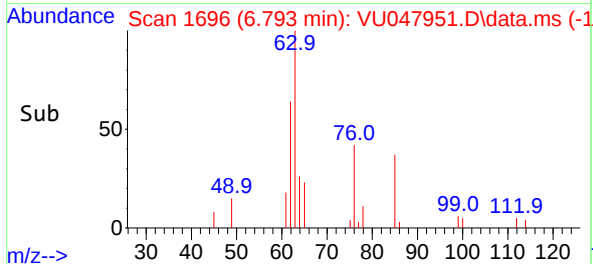
Instrument :
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Tgt Ion: 63 Resp: 7780
Ion Ratio Lower Upper
63 100
112 2.1 3.4 5.2

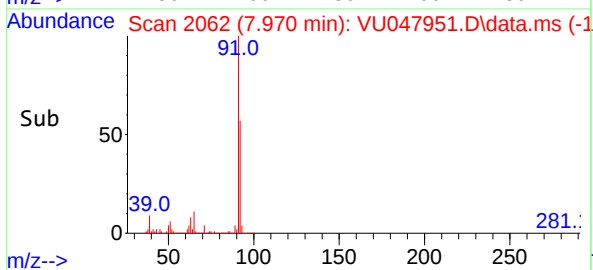
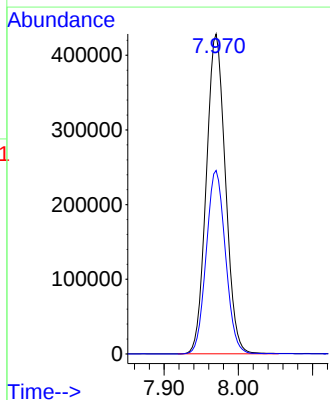
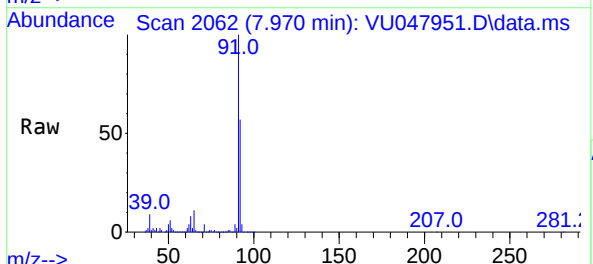
Manual Integrations
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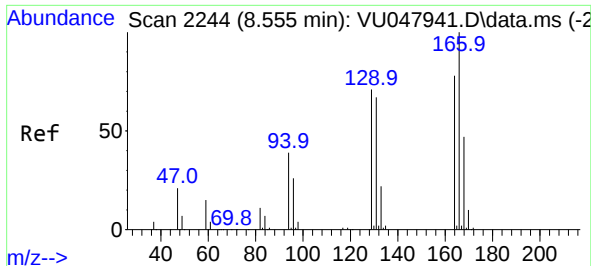
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
Toluene
Concen: 53.011 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

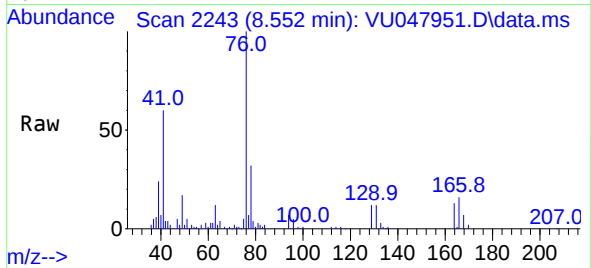
Tgt Ion: 91 Resp: 765787
Ion Ratio Lower Upper
91 100
92 57.3 40.4 75.0





#46
Tetrachloroethene
Concen: 1.830 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

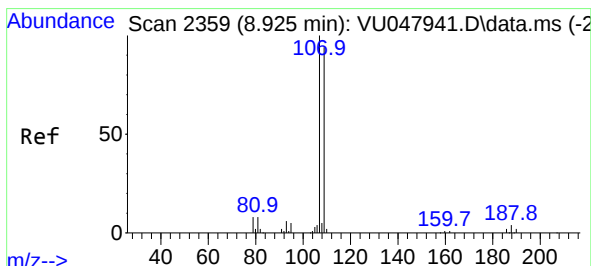
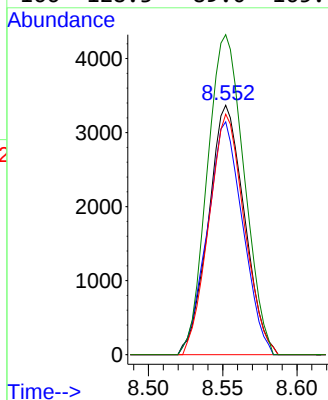
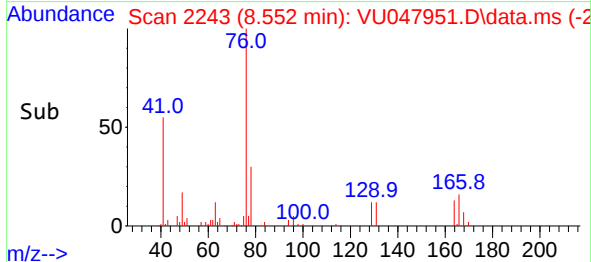
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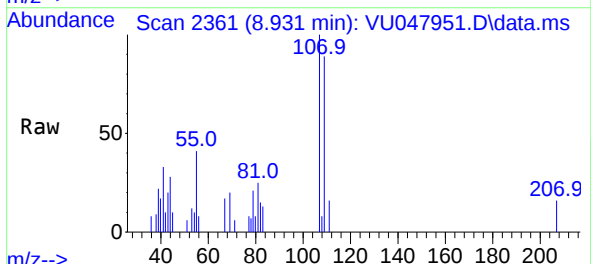
Tgt Ion:	164	Resp:	567
Ion	Ratio	Lower	Upper
164	100		
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131	96.4	60.7	112.7
166	128.3	89.0	165.4

Manual Integrations
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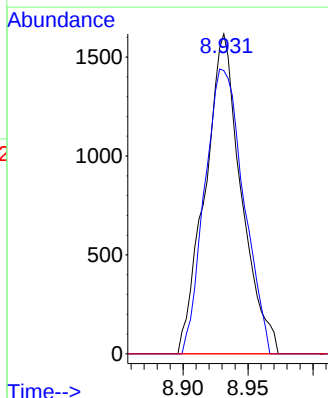
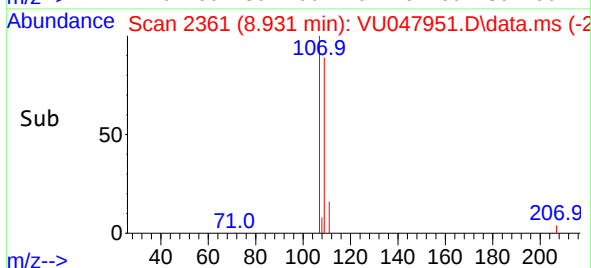
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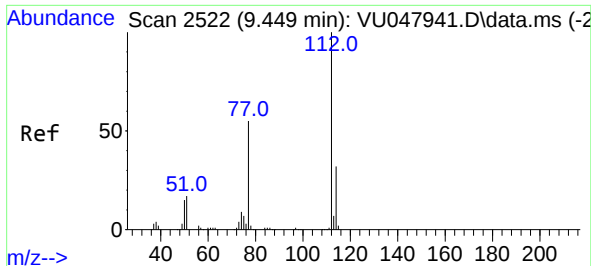


#50
1,2-Dibromoethane
Concen: 0.787 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31



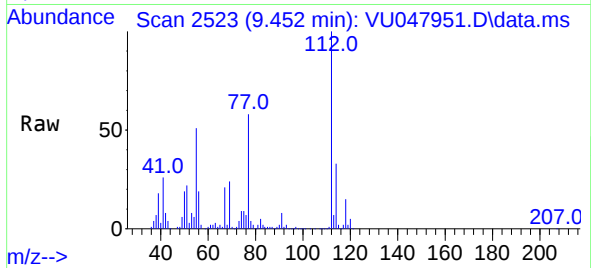
Tgt Ion:	107	Resp:	3130
Ion	Ratio	Lower	Upper
107	100		
109	88.6	66.6	123.6
188	0.0	3.4	5.2





#51
Chlorobenzene
Concen: 147.669 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

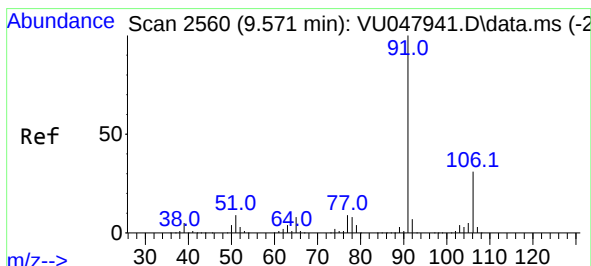
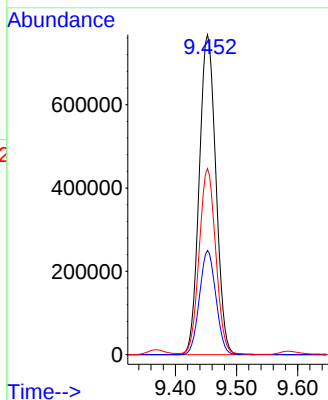
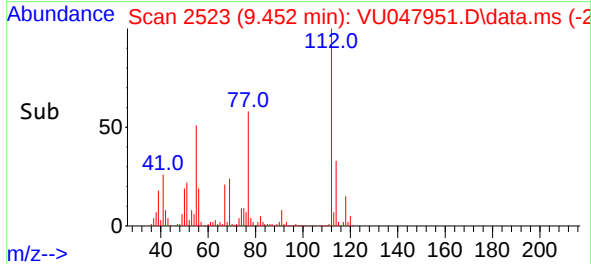
Instrument :
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ClientSampleId :
ETNR4



Tgt Ion: 112 Resp: 144840
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 58.2 43.4 65.0

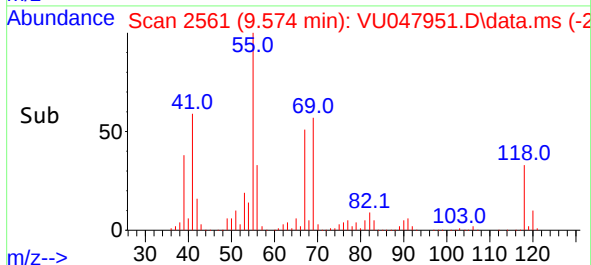
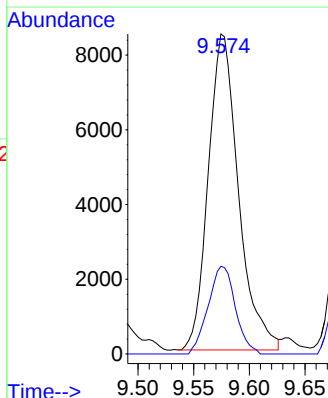
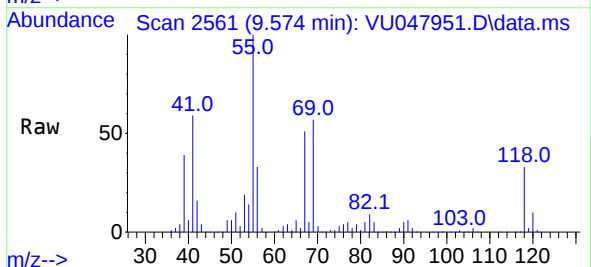
Manual Integrations
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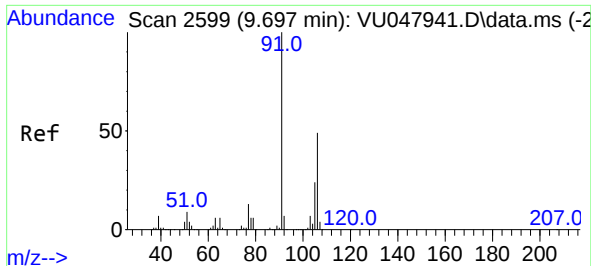
Reviewed By : John Carlone 04/13/2022
Supervised By : Mahesh Dadoda 04/14/2022



#52
Ethylbenzene
Concen: 1.051 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

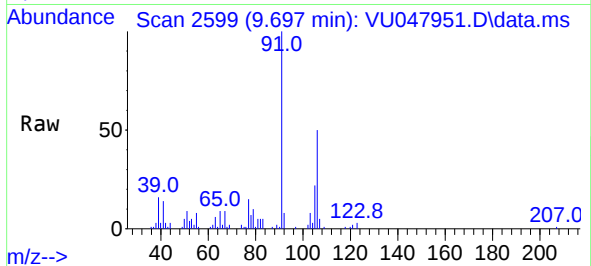
Tgt Ion: 91 Resp: 15970
Ion Ratio Lower Upper
91 100
106 27.4 22.4 41.6





#53
m,p-Xylene
Concen: 2.673 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

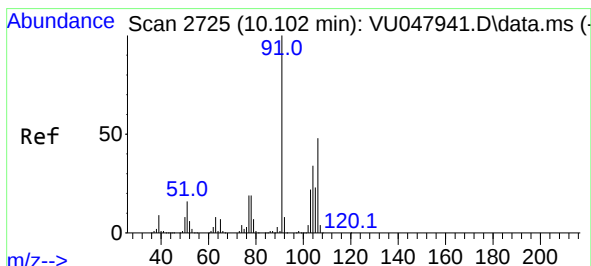
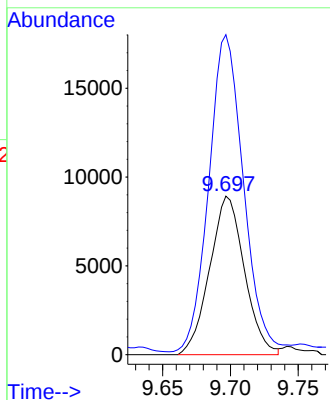
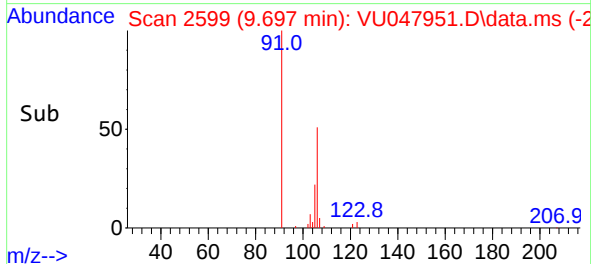
Instrument :
MSVOA_U
ClientSampleId :
ETNR4



Tgt Ion:106 Resp: 1593
Ion Ratio Lower Upper
106 100
91 201.9 137.7 255.7

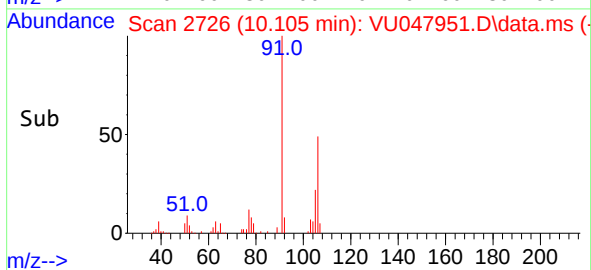
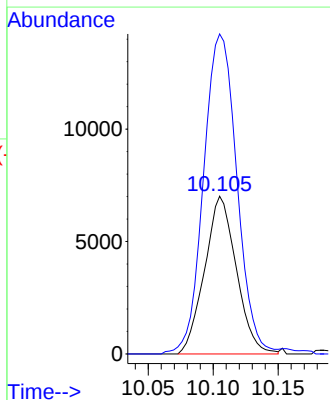
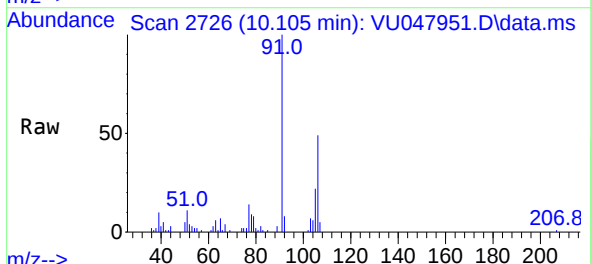
Manual Integrations
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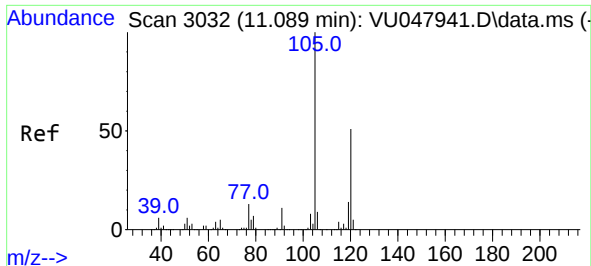
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#54
o-Xylene
Concen: 2.036 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

Tgt Ion:106 Resp: 11909
Ion Ratio Lower Upper
106 100
91 202.7 146.7 272.5





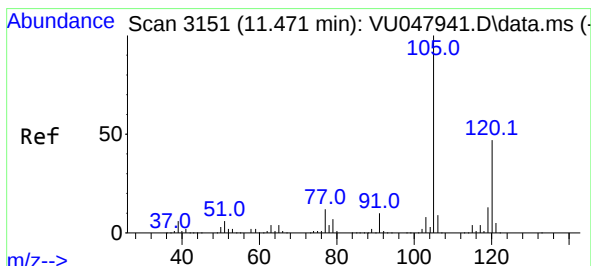
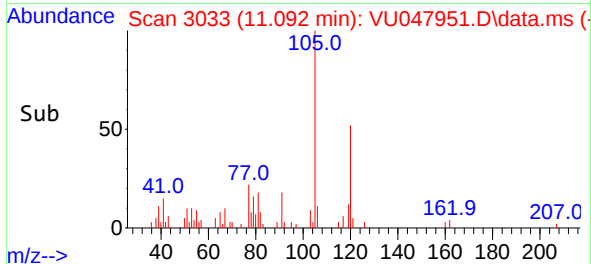
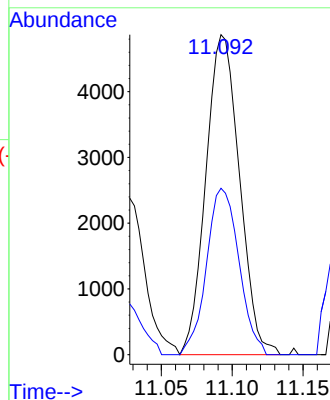
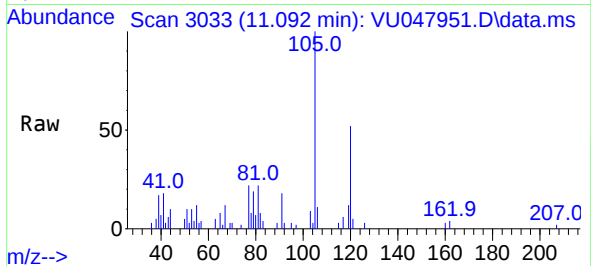
#62
1,3,5-Trimethylbenzene
Concen: 0.943 ug/L
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Tgt Ion:105 Resp: 8032
Ion Ratio Lower Upper
105 100
120 50.2 40.8 61.2

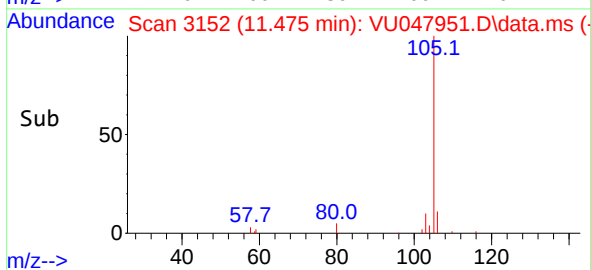
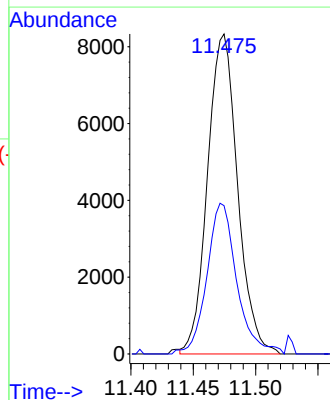
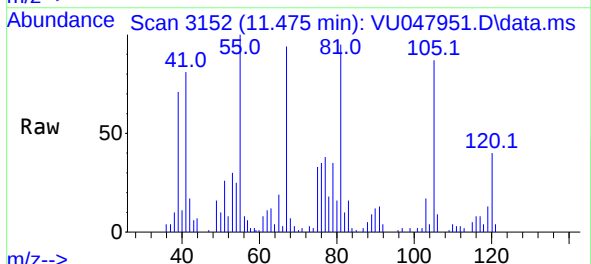
Manual Integrations
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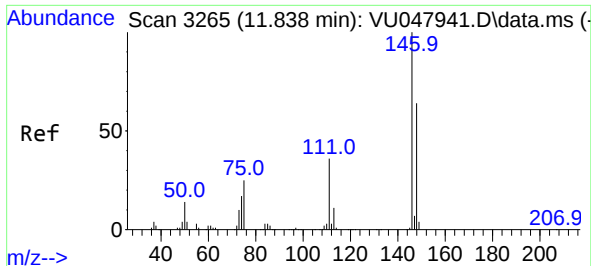
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#63
1,2,4-Trimethylbenzene
Concen: 1.083 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

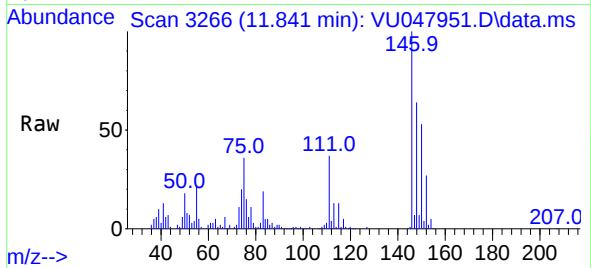
Tgt Ion:105 Resp: 14015
Ion Ratio Lower Upper
105 100
120 43.9 37.6 56.4





#65
1,4-Dichlorobenzene
Concen: 8.062 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31

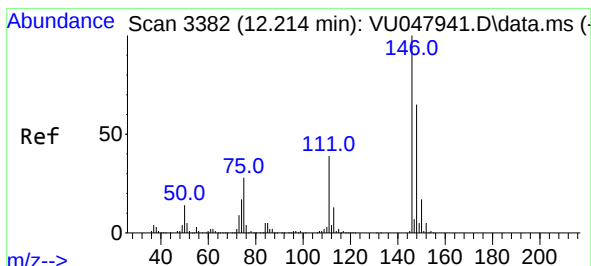
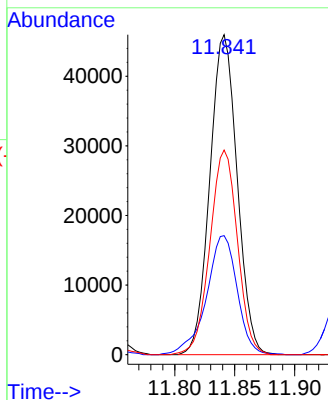
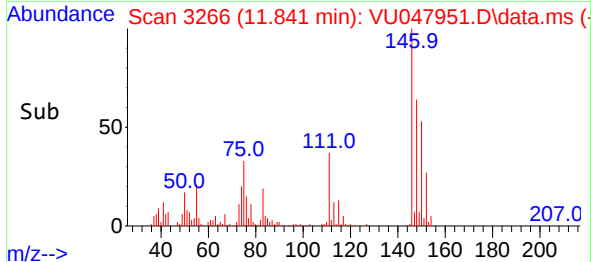
Instrument :
MSVOA_U
ClientSampleId :
ETNR4



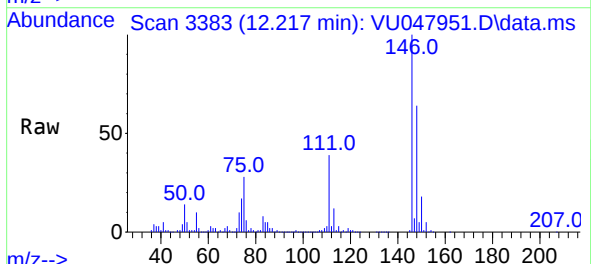
Tgt Ion:146 Resp: 7285
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 63.9 44.5 82.7

Manual Integrations
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Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#67
1,2-Dichlorobenzene
Concen: 76.289 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU047951.D
Acq: 12 Apr 2022 13:31



Tgt Ion:146 Resp: 665933
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 63.8 51.4 77.2

